Plumb Supply COMPANY

2016

HVAC Products

Vol. 1

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General Conditions

This price service has been designed to assist you in estimating your jobs. It is our sincere desire to maintain the necessary inventory to satisfy your requirements, but we do not stock all of the items in this catalog.
All orders are subject to approval by our credit department, and the possession of this price service is not to be construed as an offer to sell.
All prices are subject to change without notice and due to market conditions over which we have no control, cannot be guaranteed. Orders will be accepted on the basis of the market price prevailing at the time of shipment.
We cannot be held responsible for any errors or omissions in the price service.

Taxes

Sales tax will be added to all invoices unless you have furnished us with a Sales Tax Exemption Certificate for your purchases.

Return Goods

Materials may be returned for credit with prior approval and authorization from our office. Any material claimed defective that is covered by factory warranty must be accompanied by the necessary warranty information. When authorization to return goods is requested, the date of the purchase and our invoice number must be given to either our salesperson or the office.

Special Materials or Non-Stock Orders

Orders for non-stock or special items cannot be cancelled or returned for credit without factory approval. If approval is obtained, credit will be allowed for the net salvage value allowed by the factory.

Warranty

The products we sell are guaranteed only to the extent of the manufacturer’s warranty. No allowances will be made for labor, damage or kindred claims, and Plumb Supply Company cannot be held liable for any product liability claims, freight shortages or other claims over which we have no control.

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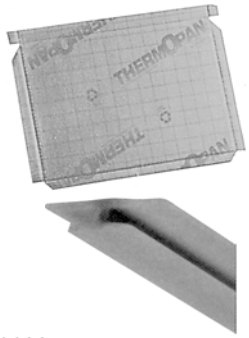
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Aluminum Faced Board Panning & Grille Frames

ThermO-Pan®

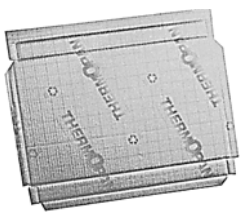
ThermO-Pan™ with Connectors



- *ThermO-Pan® is a high quality, lightweight alternative to sheet metal in constructing return air ducts between joists*
- *Consists of corrugated insulation faced with aluminum*
- *Available in light weight sheets in many sizes*
- *Significantly reduces duct noises and labor*
- *Requires no shop fabrication*
- *Molded polypropylene ThermO connectors which easily connect ThermO-Pan® panels*
- *Kit includes panning, connectors, and (4) headers*

Part #	Mfg #	Size	Price
034604	16049	16" x 47-1/2" Kit	
034602	19049	19-1/2" x 47-1/2"	
034603	24049	24" x 47-1/2"	
034605	32037	32" x 35-1/2"	

ThermO-Headers™



- *For tight sealing air block*
- *ThermO-Headers™ are pre-cut and scored to fit easily between joists*
- *Specially-sized headers are cut and scored to fit I-joist construction*

ThermO-Header Class 1 Fire Rated

Part #	Mfg #	Size	Description	Price
121097	16018	16" x 18"	I-Joist Header	
129601	16020	16" x 20"	I-Joist Header	

ThermO-Frames™

Standard Return Air Grille Dry Wall Frame

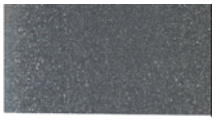


- *Precision molded polypropylene*
- *Safety edged*
- *Frames can be cut for use as a single frame*
- *Place grille over frame and screw into precision molded frame holes on finished dry wall*
- *Allows unfiltered air flow*

Part #	Mfg #	Size	Price
026507	14630	30" x 6", or 2 @ 14" x 6"	

Galvanized Sheet Metal

Galvanized Sheet Iron

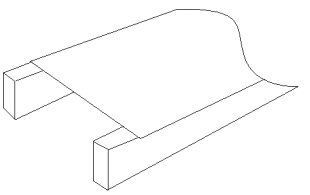


Part #	Gauge	Size	Price
010080	30ga	3' x 8'	
076485	28ga	2' x 8'	
010076	28ga	32" x 8'	
010077	28ga	3' x 8'	
010078	28ga	4' x 8'	
010074	26ga	3' x 8'	
010075	26ga	4' x 8'	
010072	22ga	3' x 8'	
010073	22ga	4" x 8'	

Gray Metal South, Inc.

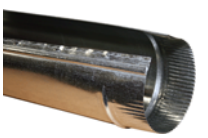
Galvanized Panning

Galv Joist Panning



Part #	Size	Price
011026	16-1/2" x 30"	
011027	33" x 30"	

Galvanized Sheet Metal Pipe



Galv Sheet Metal 24" 30ga Pipe

Part #	Size	Price
010786	3"	
010788	4"	
010791	5"	
010794	6"	
010797	7"	
010799	8"	
010801	9"	

Galvanized Sheet Metal Pipe (Continued)

Galv Sheet Metal 24" 30ga Pipe

Part #	Size	Price
010783	10"	
010785	12"	

Galv Sheet Metal 24" 26ga Pipe

Part #	Size	Price
010775	3"	
010776	4"	
010778	5"	
010779	6"	
010773	14"	
010774	16"	
021251	18"	

Galv Sheet Metal 24" 24ga Pipe

Part #	Size	Price
010768	5"	
010769	6"	
010770	7"	
010771	8"	
010772	9"	
010764	10"	
010765	12"	
010766	14"	
010767	16"	

Galvanized Snap Lock Pipe



Galv Snap Lock 60" 30ga Pipe

Part #	Size	Price
010787	3"	
010789	4"	
010792	5"	
010795	6"	
010798	7"	
010800	8"	
075283	9"	
010784	10"	

Round Pipe

Galv Snap Lock 60" 26ga Pipe

Part #	Size	Price
010777	4"	
028848	5"	
026464	6"	
025025	7"	
043461	8"	
033458	10"	
020976	12"	
105628	14"	

Galv Snap Lock 120" 30ga Pipe

Part #	Size	Price
129152	4"	
010790	5"	
010793	6"	
010796	7"	

Galvanized Round Elbows



Galv 45° 30ga Elbow

Part #	Size	Price
021248	5"	
010936	6"	

Galv 90° 30ga Elbow

Part #	Size	Price
010899	3"	
010900	4"	
010901	5"	
134912	6"	
010903	7"	
010904	8"	
010906	9"	
010897	10"	
010898	12"	

Galv 90° 28ga Elbow

Part #	Size	Price
010908	3"	
010909	4"	
021253	12"	
010907	14"	

Galv 90° 26ga Elbow

Part #	Size	Price
010911	3"	
010912	4"	
028849	5"	
022328	6"	
026496	7"	
043462	8"	
043463	10"	
043464	12"	
021252	14"	
010910	16"	

Galv 90° 24ga Elbow

Part #	Size	Price
010916	5"	
010917	6"	
010918	7"	
010919	8"	
010920	9"	
010913	10"	
010914	12"	
010915	14"	
030837	16"	
037283	18"	

Galv Round to Round Self-Adhesive 90° Takeoff



Part #	Size	Price
116248	5"	
098648	6"	
116249	7"	
116250	8"	

Round Fittings

Galvanized Collars

1149CR Long Collar



Part #	Mfg #	Size	Price
061493	70506200	4"	
011273	70506600	5"	
011274	70507000	6"	
011275	70507400	7"	
011276	70507800	8"	

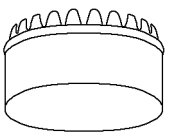
1149CD Long Collar with Damper



Part #	Mfg #	Size	Price
061488	70511000	6"	
061489	70511400	7"	
061490	70511800	8"	
061491	70512600	10"	
061492	70513000	12"	

Galvanized Collars

Galv Stub Collar - Plain



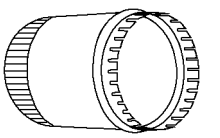
Part #	Size	Price
010973	4"	
010974	5"	
010975	6"	
010976	7"	
010977	8"	
010978	9"	
010968	10"	
010969	12"	
010970	14"	

Galv Top Collar - Crimped



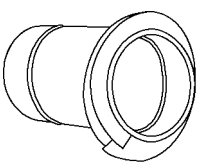
Part #	Size	Price
010961	3"	
010962	4"	
010963	5"	
010964	6"	
010965	7"	
010966	8"	
010967	9"	
010956	10"	
010957	12"	
010958	14"	
010959	16"	
010960	18"	

Galv Duct Board Collar without Damper



Part #	Size	Price
011272	10"	
020010	12"	
023906	14"	
023907	16"	

Galv Duct Board Spin-In Collar without Damper



Part #	Size	Price
011283	6"	
011284	7"	
011285	8"	

Round Fittings

Galv Metal Spin-In Collar with Damper



Part #	Size	Price
028049	6"	
028050	8"	
028051	10"	

Galv Round to Round Self-Adhesive Takeoff



Part #	Size	Price
072244	6"	
073575	8"	

Galvanized Takeoffs

Galv Side Takeoff



Part #	Size	Price
011142	6"	
011143	7"	

Galv Adjustable Top Takeoff Sheet Metal

Part #	Size	Price
111661	5"	
111662	6"	
111663	7"	

Galv Top Takeoff



Part #	Size	Price
011145	6"	

Galv Adjustable Takeoffs with 2" Rise

Part #	Size	Price
011149	5"	
011150	6"	
011151	7"	
011152	8"	

Galv Adjustable Takeoff Round To Round Full Tab



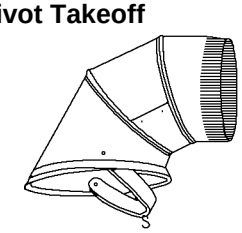
Part #	Size	Price
011155	5"	
011156	6"	
011157	7"	
011158	8"	

Galv Adjustable Takeoff Round To Round Half Tab



Part #	Size	Price
051557	6"	
101811	7"	

Galv Adjustable Round Pivot Takeoff



Part #	Size	Price
011153	6"	

Round Fittings

Galvanized Tees

Galv 90º Tee Joint



Part #	Size	Gauge	Price
011264	6"	24ga	
011265	7"	24ga	
011266	8"	24ga	
011258	10"	24ga	
011259	12"	24ga	
011260	14"	24ga	
011261	3"	26ga	
011262	4"	26ga	
011263	5"	26ga	

Galv Water Heater Tee 45º

Part #	Size	Price
011290	5" x 4" x 3"	
041432	5" x 4" x 4"	
011291	5" x 5" x 3"	
011292	6" x 6" x 3"	

Galv Flue Tee - 45°



Part #	Size	Price
106625	4" x 4" x 4"	

Galvanized Wyes

Galv Wye Branch



Part #	Size	Price
017816	8" x 6" x 6"	

Galv Stub Wye



Part #	Size	Price
016711	8" x 6" x 6"	

Galvanized Register Boots

Galv Straight Back Register Boot



Part #	Size	Price
011187	2-1/4" x 10"-5"	
011188	2-1/4" x 10"-6"	
011189	2-1/4" x 12"-5"	
011190	2-1/4" x 12"-6"	
011192	2-1/4" x 14"-6"	
101809	4" x 10"-4"	
011194	4" x 10"-5"	
011195	4" x 10"-6"	
011196	4" x 10"-7"	
011197	4" x 12"-6"	
011198	4" x 12"-7"	
019300	4" x 12"-8"	
011199	4" x 14"-6"	
011200	4" x 14"-7"	
011201	4" x 14"-8"	
011202	6" x 10"-6"	
011203	6" x 12"-6"	
011204	6" x 12"-7"	
011205	6" x 12"-8"	
011206	6" x 14"-8"	

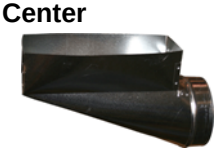
Round Fittings

Galv Register Boot 90° Angle



Part #	Size	Price
011208	2-1/4" x 10"-5"	
011209	2-1/4" x 10"-6"	
011210	2-1/4" x 12"-5"	
011211	2-1/4" x 12"-6"	
011212	2-1/4" x 12"-7"	
011213	2-1/4" x 14"-6"	
101807	4" x 10"-4"	
011215	4" x 10"-5"	
011216	4" x 10"-6"	
011217	4" x 10"-7"	
011218	4" x 12"-6"	
011219	4" x 12"-7"	
011220	4" x 12"-8"	
011221	4" x 14"-6"	
011222	4" x 14"-7"	
011223	4" x 14"-8"	
011224	6" x 10"-6"	
011226	6" x 12"-7"	
011227	6" x 12"-8"	
011228	6" x 14"-8"	

Galv Register End Boot - Center



Part #	Size	Price
011229	2-1/4" x 10"-5"	
011230	2-1/4" x 10"-6"	
011231	2-1/4" x 12"-5"	
011232	2-1/4" x 12"-6"	
011233	2-1/4" x 12"-7"	
011234	2-1/4" x 14"-6"	
101808	4" x 10"-4"	
011236	4" x 10"-5"	
011237	4" x 10"-6"	
011238	4" x 12"-6"	
011239	4" x 12"-7"	
056085	4" x 12"-8"	
011240	4" x 14"-6"	
011241	4" x 14"-7"	

Galvanized Register Boots (Continued)

Galv Register End Boot - Center

Part #	Size	Price
011242	4" x 14"-8"	

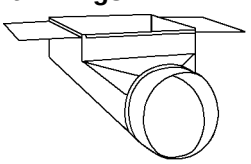
Galv Register End Boot Left

Part #	Size	Price
011243	2-1/4" x 10"-6"	
011245	2-1/4" x 12"-6"	
101886	2-1/4" x 12"-7"	
101888	4" x 10"-5"	
011248	4" x 12"-6"	
025227	4" x 12"-7"	

Galv Register End Boot Right

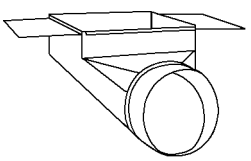
Part #	Size	Price
011249	2-1/4" x 10"-6"	
011250	2-1/4" x 12"-6"	
101887	2-1/4" x 12"-7"	
101889	4" x 10"-5"	
011252	4" x 10"-6"	
011253	4" x 12"-6"	
025228	4" x 12"-7"	

Galv Basement Boot with Wings



Part #	Size	Price
125132	4" x 10"-6"	
035596	4" x 12"-6"-18" On Center	
058646	6" x 10"-6"-16" On Center	

Galv Register Boot with Frame



Part #	Size	Price
129228	4" x 10"-6" with 16" Frame	
132359	4" x 12"-6" with 24" Frame	

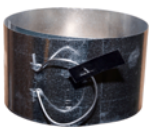
Round Fittings

Galv Toe Kick Boot

Part #	Size	Price
111509	2-1/4" x 12" -6"	

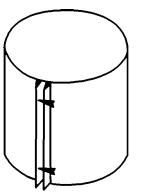
Galvanized Drawbands

Galv Snap Drawband



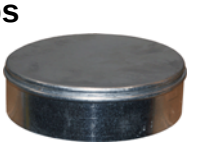
Part #	Size	Price
011160	6"	
011161	7"	

Galv Bolts Drawband



Part #	Size	Price
011173	6"	

Galvanized End Caps



Galv Round End Cap

Part #	Size	Price
011054	4"	
011055	5"	
011056	6"	
011057	7"	
011058	8"	

Galv Round End Cap - Crimped

Part #	Size	Price
011063	4"	
011064	5"	
011065	6"	
011066	7"	
011067	8"	

Galv Round Cleanout End Cap

Part #	Size	Price
011053	3"	
011059	9"	
011050	10"	
011051	12"	
011052	14"	

Galv Round Cleanout End Cap - Crimped

Part #	Size	Price
011068	9"	
011060	10"	
011061	12"	

Galvanized Dampers

Galv Round Damper One Quad



Part #	Size	Price
011074	4"	
011075	5"	
011076	6"	
011077	7"	
011078	8"	

Galv Round Damper Two Quad



Part #	Size	Price
011072	10"	
011073	12"	

Round Fittings

Galvanized Reducers

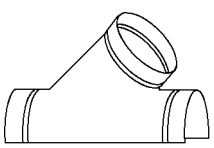
Galv Taper Reducer / No Crimp



Part #	Size	Price
010809	4" x 3"	
010810	5" x 3"	
010811	5" x 4"	
010812	6" x 3"	
010813	6" x 4"	
010814	6" x 5"	
010815	7" x 3"	
010816	7" x 4"	
010817	7" x 5"	
010818	7" x 6"	
010819	8" x 4"	
010820	8" x 5"	
010821	8" x 6"	
010822	8" x 7"	
010823	9" x 6"	
010824	9" x 7"	
010825	9" x 8"	
010803	10" x 6"	
010804	10" x 7"	
010805	10" x 8"	
010806	10" x 9"	
055585	12" x 8"	
010807	12" x 10"	
010808	14" x 12"	

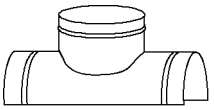
Galvanized Saddles

Galv 45° Saddle



Part #	Size	Price
011185	3"	
011186	4"	

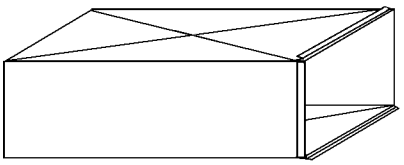
Galv 90° Saddle



Part #	Size	Price
011183	3"	
011184	4"	

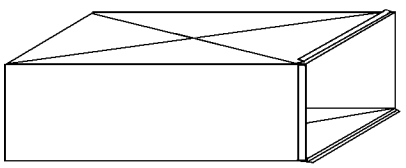
Galvanized Duct

Galv Duct 32" Button-Lock



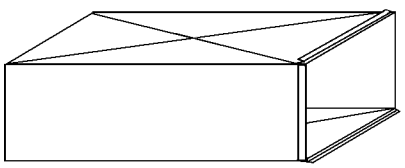
Part #	Size	Price
019920	20" x 10"	
011021	25" x 10"	

Galv Duct 4' Button-Lock



Part #	Size	Price
035901	20" x 10"	
033653	24" x 10"	
033652	24" x 12"	

Galv Duct 5' Button-Lock



Part #	Size	Price
011025	8" x 8"	
011013	10" x 8"	
011014	12" x 8"	
011015	14" x 8"	
011016	16" x 8"	
011017	18" x 8"	
011018	20" x 8"	
011019	22" x 8"	
011020	24" x 8"	
062795	26" x 8"	

Rectangular Duct

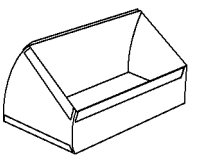
Galvanized Duct (Continued)

Galv Duct 5' Button-Lock

Part #	Size	Price
062794	28" x 8"	
110667	30" x 8"	
092658	12" x 10"	
092657	14" x 10"	
072107	16" x 10"	
092627	18" x 10"	
101661	20" x 10"	
101662	25" x 10"	
101605	30" x 10"	

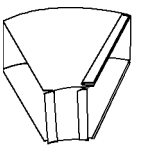
Galvanized Duct Elbows

Galv 45° Vertical Shortway Angle



Part #	Size	Price
010995	8" x 8"	
010988	10" x 8"	
010989	12" x 8"	
150760	12" x 10"	
010990	14" x 8"	
150759	14" x 10"	
010991	16" x 8"	
150758	16" x 10"	
010992	18" x 8"	
150756	18" x 10"	
010993	20" x 8"	
145238	20" x 10"	
048613	22" x 8"	
010994	24" x 8"	
075912	24" x 10"	
133193	25" x 10"	
150755	30" x 10"	

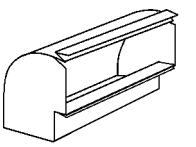
Galv 45° Horizontal Longway Angle



Part #	Size	Price
046407	8" x 8"	
010996	10" x 8"	
010997	12" x 8"	
150741	12" x 10"	
010998	14" x 8"	
150742	14" x 10"	
010999	16" x 8"	
150743	16" x 10"	
011000	18" x 8"	
150744	18" x 10"	
011001	20" x 8"	
150745	20" x 10"	
011002	22" x 8"	
011003	24" x 8"	
133195	25" x 10"	
108604	30" x 8"	
150747	30" x 10"	

Galv 90° Vertical Shortway Elbow with Mitered Throat

- *2" x 2" Throat*

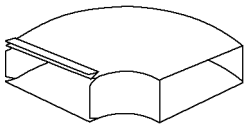


Part #	Size	Price
091104	8" x 8"	
091103	10" x 8"	
091105	12" x 8"	
091106	14" x 8"	
091119	14" x 10"	
091107	16" x 8"	
091120	16" x 10"	
091113	18" x 8"	
091121	18" x 10"	
091114	20" x 8"	
091122	20" x 10"	
091115	22" x 8"	
091116	24" x 8"	
091123	24" x 10"	
091124	24" x 12"	
133190	25" x 10"	
091117	30" x 8"	

Rectangular Fittings

Galv 90° Horizontal Longway Elbow with Mitered Throat

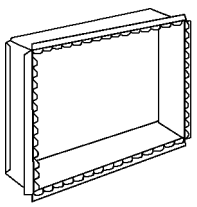
- *2" x 2" Throat*



Part #	Size	Price
091127	8" x 8"	
091128	10" x 8"	
091129	12" x 8"	
091130	14" x 8"	
091136	14" x 10"	
091131	16" x 8"	
091137	16" x 10"	
091132	18" x 8"	
091138	18" x 10"	
091133	20" x 8"	
091139	20" x 10"	
091134	22" x 8"	
091135	24" x 8"	
091141	24" x 12"	
133192	25" x 10"	
108605	30" x 8"	

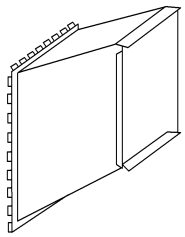
Galvanized Duct Collars

Galv Straight Starting Collar



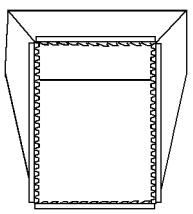
Part #	Size	Price
010955	8" x 8"	
010947	10" x 8"	
010948	12" x 8"	
010949	14" x 8"	
010950	16" x 8"	
010951	18" x 8"	
010952	20" x 8"	
046899	20" x 10"	
010953	22" x 8"	
010954	24" x 8"	
026677	25" x 10"	

Galv Offset Takeoff Collar



Part #	Size	Price
010946	8" x 8"	
010938	10" x 8"	
010939	12" x 8"	
010940	14" x 8"	
116860	14" x 10"	
010941	16" x 8"	
116861	16" x 10"	
010942	18" x 8"	
010943	20" x 8"	
035900	20" x 10"	
010944	22" x 8"	
010945	24" x 8"	
033649	24" x 10"	
033648	24" x 12"	

Galv Transition Takeoff Collar Center



Part #	Size	Price
011028	12" x 8"	
011029	14" x 8"	
011030	16" x 8"	
011031	18" x 8"	
011032	20" x 8"	
035899	20" x 10"	
011033	22" x 8"	
011034	24" x 8"	
033651	24" x 10"	
033650	24" x 12"	
030893	30" x 8"	

Rectangular Fittings

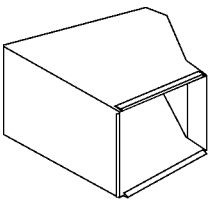
Galvanized Duct Fittings

Galv Duct End Cap



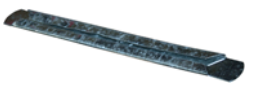
Part #	Size	Price
011049	8" x 8"	
011040	10" x 8"	
011041	12" x 8"	
011042	14" x 8"	
011043	16" x 8"	
011044	18" x 8"	
011045	20" x 8"	
011046	22" x 8"	
011047	24" x 8'	
011048	30" x 8"	
111958	20" x 10"	
109319	24" x 10"	
035597	25" x 10"	

Galv Increaser or Reducer Straight Side



Part #	Size	Price
035902	20" x 10"-20" x 8"	
033647	24" x 10"-24" x 8"	
033654	24" x 12"-24" x 8"	

Galv Drive Cleat



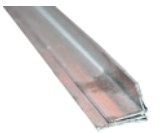
Part #	Size	Price
011170	8"	
011168	10"	
022826	12"	
011169	60"	

Galv Flat S-Cleat



Part #	Size	Price
011166	60"	

Galv Standing S-Cleat



Part #	Size	Price
011163	60"	
011162	120"	

Galv Plaster Frame - Rectangular

Part #	Size	Price
096773	4" x 10" - 16" On Center	
096775	4" x 10" - 24" On Center	
096776	4" x 12" - 24" On Center	
011256	6" x 14"	
026392	6" x 24"	
011257	6" x 30"	

Galv Plaster Frame - Round

Part #	Size	Price
102571	60"	

Galv Filter Rack



Part #	Size	Price
036258	16" x 20" x 1"	
011124	16" x 20" x 6"	
029512	16" x 25" x 1"	
018112	16" x 25" x 6"	

Rectangular Fittings

Speedi-Boot™ Boot Hanger

- *Telescoping arms*
- *Dust and debris cover*
- *Air tight gasket*
- *Rigid mud-ring and galvanized frame*



Part #	Mfg #	Size	Price
080008	SBH-410	4" x 10"	
080009	SBH-412	4" x 12"	

Gray Metal South, Inc.

Galv Oval Pipe & Fittings

Galv 113" Oval Pipe

Part #	Size	Price
046953	6"	
046954	7"	

Galv Oval Pipe Fittings

Galv Oval 4-Piece Flat 90° Elbow



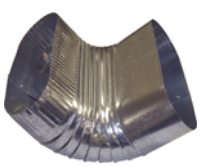
Part #	Size	Price
011313	6"	

Galv Oval 3-Piece Flat 45° Angle



Part #	Size	Price
022270	6"	

Galv Oval 1-Piece Vertical 90° Elbow



Part #	Size	Price
011312	6"	

Galv Oval 1-Piece Vertical 45° Angle



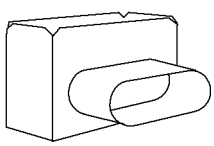
Part #	Size	Price
018218	6"	
034564	7"	

Galv Oval Stackhead



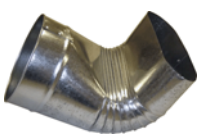
Part #	Size	Price
011319	10" x 6" - 6"	
045254	12" x 4" - 7"	

Galv 90° Oval Register Box



Part #	Size	Price
011321	4" x 10" - 6"	

Galv 90° Round To Oval Boot



Part #	Size	Price
011317	6"	
026509	7"	

Oval Fittings

Galv Round To Oval Straight Boot



Part #	Size	Price
011314	6" to 6"	
027404	7" to 7"	

Galv Round To Oval End Boot



Part #	Size	Price
011318	6"	
026511	7"	

Galv Oval Start Collar

Part #	Size	Price
022271	6"	

Galvanized Wall Stacks



Galv 24" Wall Stack

Part #	Size	Price
011113	2-1/4" x 10"	
011115	2-1/4" x 12"	
011119	3-1/4" x 10"	
011121	3-1/4" x 12"	
011123	3-1/4" x 14"	

Galv 60" Wall Stack

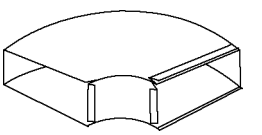
Part #	Size	Price
011116	2-1/4" x 12"	
011120	31/4" x 10"	
011122	31/4" x 12"	

Galv 100" Wall Stack

Part #	Size	Price
011114	2-1/4" x 12"	
011118	3-1/4" x 10"	
017815	3-1/4" x 12"	

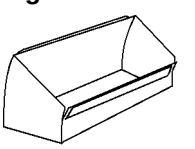
Galvanized Wall Stack Fittings

Galv Horizontal 90° Longway Elbow



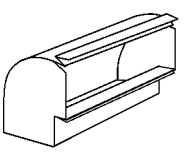
Part #	Size	Price
011092	2-1/4" x 12"	
011094	3-1/4" x 10"	
011093	3-1/4" x 12"	

Galv Vertical 45° Shortway Angle



Part #	Size	Price
011087	2-1/4" x 12"	
011089	3-1/4" x 10"	
011090	3-1/4" x 12"	

Galv Vertical 90° Shortway Elbow



Part #	Size	Price
011081	2-1/4" x 10"	
011082	2-1/4" x 12"	
011084	3-1/4" x 10"	
011085	3-1/4" x 12"	
011086	3-1/4" x 14"	

Wall Stack Fittings

Galv Straight Register Stackhead

Part #	Size	Price
011105	2-1/4" x 12"-6" x 12"	
011107	3-1/4" x 12"-6" x 12"	

Galvanized Stack Boots

Galv Straight Stack Boot



Part #	Size	Price
011126	2-1/4" x 12"-6"	
011127	3-1/4" x 10"-6"	
011129	3-1/4" x 12"-6"	
011130	3-1/4" x 12"-7"	

Galv Stack Boot 90° Elbow



Part #	Size	Price
011131	2-1/4" x 10"-6"	
011132	2-1/4" x 12"-6"	
011134	3-1/4" x 10"-6"	
011135	3-1/4" x 12"-6"	
011136	3-1/4" x 12"-7"	
030889	3-1/4" x 14"-8"	

Galv Stack Boot Center End



Part #	Size	Price
011139	3-1/4" x 10"-6"	

Galvanized Plenum & Return Air Drops

Galv Low Profile Cold Air Drop - Support Box

Complete Package - Return Air Pkg

Part #	Size	Price
012323	20" x 10"	

Galvanized Plenum & Return Air Drops (Continued)

Galv Low Profile Cold Air Drop - Support Box

Part #	Size	Price
012324	25" x 10"	

Galv Cold Air Drop - Slant Back

Complete Package - Return Air Pkg

Part #	Size	Price
101767	20" x 10"-20" x 14"	
101768	25" x 10"-25" x 14"	

Galv Cold Air Drop - Slant Back with Filter

Complete Package - Return Air Pkg

Part #	Size	Price
069677	20" x 25" with 5" Filter	
055507	20" x 25" with 5" Right Angle Filter	

Galv Cold Air Drop - Slant

Complete Package - Return Air Pkg

Part #	Size	Price
013642	20" x 10"-20" x 16"	
013644	25" x 10"-25" x 16"	

Galv Cold Air Drop - Duct Kit

- *Includes (2) joints of duct, starting collar, duct adapter, and S drives*

Part #	Size	Price
023408	20" x 10"	
023410	25" x 10"	

Galv Cold Air Boot - Slant Heel

Part #	Size	Price
024302	16" x 20"	
024303	16" x 25"	

Galv Cold Air Boot - Slant Heel with Filter

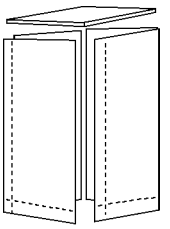
Part #	Size	Price
059805	20" x 25" with 5" Filter	
055826	20" x 25" with 5" Right Angle Filter	

Plenum & Return Air Drops

Galv Cold Air Boot - Square Heel

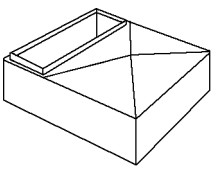
Part #	Size	Price
011254	16" x 20"	
011255	16" x 25"	

Galv Adjustable Plenum Top



Part #	Size	Price
008172	23" x 23"	
008173	26" x 26"	

Galv Return Air Support Box



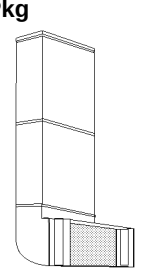
Part #	Description	Price
023409	32" Wide with Filter Drawer	
029595	39" Wide with Filter Drawer	

Sheet Metal

Galvanized Plenum & Return Air Drops

Galv Cold Air Drop

Complete Package - Return Air Pkg



Part #	Size	Price
029597	25" x 12"-25" x 20"	

Plenum

Plenum for Nordyne with Filter Drawer

Part #	Size	Price
120117	20.25" x 14.25" x 47"	
122818	20.25" x 17.5" x 47"	
122820	20.25" x 21" x 47"	
122821	20.25" x 24.5" x 47"	

Plenum for Ruud

Part #	Size	Price
116829	21" x 14" x 47"	
116830	21" x 17" x 47"	
116831	21" x 21" x 47"	
116832	21" x 24" x 47"	

PVD/PVC Air Duct & Sheets

Heat & Air Duct Pipe



Duct Pipe - Bell on One End

Part #	Mfg #	Size	Price
031122	HA06P	6" x 10'	
031121	HA08P	8" x 10'	
031120	HA10P	10" x 10'	
031119	HA12P	12" x 10'	
031118	HA14P	14" x 10'	
031117	HA16P	16" x 10'	

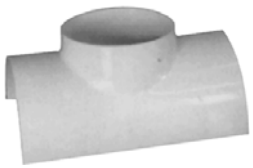
Standard PVC Underground Air Duct Fittings

PVC Air Duct Tee



Part #	Mfg #	Size	Price
058137	T888P	8" x 8" x 8"	

PVC Air Duct Saddle Tee



Part #	Mfg #	Size	Price
035155	S086P	8" x 6"	
035156	S106P	10" x 6"	

PVC Air Duct 45° Elbow



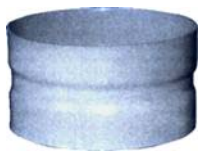
Part #	Mfg #	Size	Price
031169	L645P	6"	
031168	L845P	8"	
031167	L105P	10"	
031166	L125P	12"	

PVC Air Duct 90° Elbow



Part #	Mfg #	Size	Price
031163	L690P	6"	
031162	L890P	8"	
031161	L109P	10"	
031160	L129P	12"	

PVC Air Duct Coupling



Part #	Mfg #	Size	Price
031194	C600P	6"	
031193	C800P	8"	
031192	C100P	10"	
031191	C120P	12"	
031190	C140P	14"	

PVD/PVC Air Duct Fittings

PVC Duct Concentric Reducer



Part #	Mfg #	Size	Price
031188	RC86P	8" x 6"	
031187	RC10P	10" x 6"	
031186	RC10P	10" x 8"	
031184	RC12P	12" x 10"	

PVC Air Duct End Cap



Part #	Mfg #	Size	Price
031179	EC60P	6"	
031178	EC80P	8"	
031177	EC10P	10"	
031176	EC12P	12"	

PVC Blackmax Duct Saddle Boot



Part #	Mfg #	Size	Price
031199	BM4106	4" x 10" on 6" to 16" Pipe	
035174	BM4128-10	4" x 12" on 8" - 10" Pipe	
031198	BM4128	4" x 12" on 8" Pipe	

BLACK MAX — THE TOUGHEST DUCT IN TOWN

Black Max PVC Underground Duct Fittings

PVC 90° Register Boot Box



Part #	Mfg #	Size	Price
031205	B4106	4" x 10" x 6"	
031204	B4126	4" x 12" x 6"	

Insulation

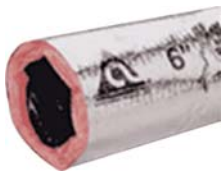
Duct Board

Part #	Mfg #	Size	Price
005614	3004001	4" x 10'	

Flexible Duct

Insulated Flexible Duct - 30 Series

- *Air-tight inner core - energy efficient, no fiberglass erosion into air stream*
- *Encapsulated wire helix, no unraveling when cut to length / quick installation*
- *Smooth inner core for low friction loss*
- *Thick blanket of fiberglass insulation*
- *Tough reinforced polyester jacket is tear and puncture resistant*
- *Lightweight compact carton reduces warehouse and job site handling cost*
- *Greenguard Indoor Air Quality Certified*



R-4.2 Insulated Metallized Jacket - Class 1 Air Duct - UL181

Part #	Mfg #	Size	Price
060797	030	4" x 25'	
060799	030	6" x 25'	
060800	030	7" x 25'	
060801	030	8" x 25'	
060803	030	10" x 25'	
060804	030	12" x 25'	
060805	030	14" x 25'	
060807	030	16" x 25'	

Insulated Flexible Duct - 70 Series

- *Grey polyester vapor barrier air-tight inner core - energy efficient, no fiberglass erosion into air stream*
- *Encapsulated wire helix, no unraveling when cut to length / quick installation*
- *Smooth inner core for low friction loss*
- *Thick blanket of fiberglass insulation*
- *Tough reinforced polyester jacket is tear and puncture resistant*
- *Lightweight compact carton reduces warehouse and job site handling cost*
- *Greenguard Indoor Air Quality Certified*



R-4.2 Insulated Grey Jacket - Class 1 Air Duct - UL181

Part #	Mfg #	Size	Price
015419	070	4" x 25'	
015542	070	5" x 25'	
015713	070	6" x 25'	
068880	070	6" x 50'	

Insulated Flexible Duct - 70 Series (Continued)

R-4.2 Insulated Grey Jacket - Class 1 Air Duct - UL181

Part #	Mfg #	Size	Price
015762	070	7" x 25'	
015843	070	8" x 25'	
089317	070	8" x 50'	
015962	070	9" x 25'	
012325	070	10" x 25'	
013302	070	12" x 25'	
013585	070	14" x 25'	
013645	070	16" x 25'	
013698	070	18" x 25'	

R-6.0 Insulated Grey Jacket - Class 1 Air Duct - UL181

Part #	Mfg #	Size	Price
091169	076	4" x 25'	
091171	076	6" x 25'	
091172	076	7" x 25'	
091173	076	8" x 25'	
091175	076	10" x 25'	
091176	076	12" x 25'	

R-8.0 Insulated - Grey Jacket - Class 1 Air Duct - UL181

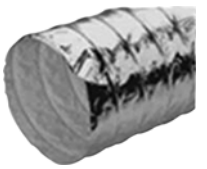
Part #	Mfg #	Size	Price
097743	078	4" x 25'	
101787	078	5" x 25'	
097744	078	6" x 25'	
097745	078	7" x 25'	
097746	078	8" x 25'	
097738	078	10" x 25'	
097739	078	12" x 25'	
097740	078	14" x 25'	
097741	078	16" x 25'	
097742	078	18" x 25'	

Flexible Duct

Aluminum Flex Duct

Uninsulated Flex Duct
UL 181 Class 1 Air Duct

- *Triple lamination of tough metallized polyester, aluminum foil and polyester*
- *Wire helix and forms meet requirements of NFPA*



Part #	Mfg #	Size	Price
015420	050	4" x 25'	
015543	050	5" x 25'	
015714	050	6" x 25'	
015763	050	7" x 25'	
015844	050	8" x 25'	
012326	050	10" x 25'	

AMERIFLEX®

Class 1 Air Connectors

F090 Class 1 Air Connector

- *2-Ply metallized/polyester construction*
- *Uninsulated*
- *UL & cUL Listed*



Part #	Mfg #	Size	Price
093187	044782	3" x 25'	

ATCO Rubber Products, Inc.

Insulated Sleeves

Foil Sleeve



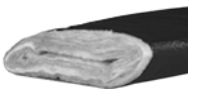
Part #	Mfg #	Size	R-Value	Price
059879	010	4" x 5'	4.2	
102025	010	5" x 5'	4.2	
102924	010	10" x 5'	4.2	
097732	010	4" x 5'	8.0	
097733	010	6" x 5'	8.0	
097734	010	7" x 5'	8.0	
097735	010	8" x 5'	8.0	

AMERIFLEX®

Sleeves

F104 Sleeve

- *Black polyethylene jacket*
- *R-4.2*
- *One starter cone per carton*



Part #	Mfg #	Size	Price
044535	051112	6" x 5'	
044534	051113	7" x 5'	
044533	051114	8" x 5'	

Duct Tape

Duct Tape

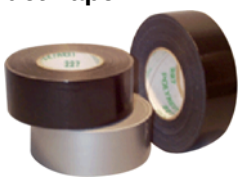
221 Solvent Resistant Duct Tape



- *Rubber based adhesive*
- *Polyethylene coated cloth backing*
- *Crisp, straight tear and smooth unwind*

Part #	Mfg #	Size	Color	Price
010344	221	2" x 60 yds	White	

227 Contractor Grade Duct Tape



- *Bonds to all types of surfaces*
- *Will not twist or curl*

Part #	Mfg #	Size	Color	Price
010345	227	2" x 60 yds	Silver	

398 Professional Grade Duct Tape



- *011 mil Thickness*
- *Excellent balance of tearability and tensile strength; 27 lbs/inch*
- *Conforms well to irregular surfaces*
- *Superior holding power for hanging applications*
- *Tears straight, hangs straight, curl resistant*
- *Easy unwind*
- *Low VOC content*
- *PE-coated cloth backing with rubber adhesive*

Part #	Mfg #	Size	Color	Price
077358	398	2" x 60 yds	Black	

338 FSK Insulation Tape



- *Kraft Paper*
- *Syntetic rubber Adhesive*
- *Foil/Tri-Directional Fiberglas/Paper*
- *Aluminum*

Part #	Mfg #	Size	Color	Price
176968	338	3" x 50 yds	Aluminum	

Gaffer's Tape



- *Premium vinyl coated*
- *Low gloss, non-reflective cloth backing*

Part #	Mfg #	Size	Color	Price
010351	510	2" x 60 yds	Gray	

Foil Tape

337 Premium Foil Tape



- *UL 723 Listed*
- *3.7 mil Thickness*
- *Tensile strength: 14 lb/in*
- *Exceptional quick stick*
- *Dead-soft aluminum foil backing for rigid preformed aluminum foil-faced duct systems*
- *Synthetic rubber adhesive*
- *Low VOC*

Part #	Mfg #	Size	Price
010349	337	2" x 50 yds	
010350	337	3" x 50 yds	

339 Cold Weather Premium UL 181A and B Printed Foil Tape



- *4.8 mil Thickness*
- *Tensile strength: 23 lb/in*
- *High performance in both cold and hot weather*
- *Instant adhesion, superior quick stick*
- *Premium performance in joining and sealing rigid fiberglass duct board and Class 1 flex duct*
- *Tear resistant*
- *Low VOC*

Part #	Mfg #	Size	Price
124231	339	2-1/2" x 60 yds	
124230	339	3" x 60 yds	

Duct Tape

360-17 Waterproofing Repair Tape



- *For indoor or outdoor sealing of medium and high pressure HVAC duct systems including metal duct, fiberglass duct,, flex duct*
- *Seals cracks and seams in gutters, roof alleys, eaves, hips and ridges*
- *Seals around chimneys and vent stacks*
- *Repair gouges, rips, tears in metal panels*
- *Foilmastic permanent sealant tape - heavy-duty*
- *Acceptable for use on galvanized materials*
- *Provides instant water-tight bond*
- *Paintable - use in place of caulking*
- *Excellent resistance to cold, heat, water and sunlight*

Part #	Mfg #	Size	Price
038561	360-17	3" x 100'	

Insulation

PVC Tape

PVC Tape for Fiberglass

Part #	Mfg #	Size	Price
044361	3043033	2" x 100'	

DURO DYNE

Flexible Duct Connectors

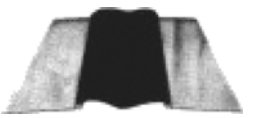
Metal-Fab Connector



- *3" Metal, 3" fabric, 3" metal*
- *24 Gauge galvanized*
- *Grip Loc seam*
- *100' Roll*

Part #	Item #	Item #	Description	Price
036577	10159	MBX4-100	Black Excelon®	

Junior Connector



- *1-3/4" Metal, 3" fabric, 1-3/4" metal*
- *28 Gauge galvanized*
- *Guard Loc seam*
- *100' Roll*

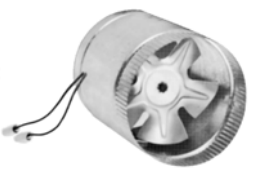
Part #	Item #	Item #	Description	Price
005603	10169	JBX-100	Black Excelon®	

PROTECH

Air Boosters

Air Booster

Robin Hood



- *Installs in branch duct of any room*
- *Adds up to 1,150 CFM to needy rooms*
- *Can be wired electrically through the main blower, a wall switch, or a line voltage thermostat in the room*

Part #	Mfg #	Size	Price
116050	84-25253-01	6"	

TJERNLUND PRODUCTS, INC.

Duct Boosters®



- *Fits round or flat forced air heating/cooling ductwork*
- *Boosts air flow up to 275 CFM*

Part #	Mfg #	Description	Price
010372	DB-2	Original 120V, 1/20 hp, .51A - 6" & 8" Duct	

Duct Boosters

Duct Fans



- *Fans can be used for exhaust or fresh air intake applications*
- *Fits metal or flex duct*
- *Capacities from 180 CFM up to 1,200 CFM*

Part #	Mfg #	Description	Price
061571	EF-6	For 6" 120V, 30W, .40A	
023837	EF-8	For 8" 120V, 56W, 1.1A	

Malco

Rivets

Stainless Rivet



Part #	Mfg #	Rivet Dia	Body Length	Mandrel	Pk Qty	Price
006487	SS/SS42DT	1/8"	.232	Stainless	1,000	
006488	SS/SS44DT	1/8"	.357	Stainless	1,000	

Steel Rivet



Part #	Mfg #	Rivet Dia	Body Length	Mandrel	Pk Qty	Price
006491	SS42DT	1/8"	.232	Plated	1,000	
006490	SS42DX	1/8"	.232	Plated	100	
006492	SS44DX	1/8"	.357	Plated	100	

Screws

Zip-In® Screw

Zip-in®



Part #	Mfg #	Size	Pkg Qty	Price
006427	HW7x1/2Z	7 x 1/2"	15,000	
006428	HW7x1/2ZT	7 x 1/2"	1,000	
006426	HW7x1/2ZX	7 x 1/2"	100	
006434	HW8x1/2ZT	8 x 1/2"	1,000	
006433	HW8x1/2ZX	8 x 1/2"	100	
006436	HW8x3/4ZT	8 x 3/4"	1,000	
006435	HW8x3/4ZX	8 x 3/4"	100	
092077	HW8x1Z	8 x 1"	7,000	
026305	HW8x1ZT	8 x 1"	500	
006429	HW8x1ZX	8 x 1"	100	
006431	HW8x11/2ZT	8 x 1-1/2"	250	

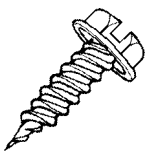
Screws (Continued)

Zip-In® Screw

Part #	Mfg #	Size	Pkg Qty	Price
006430	HW8x11/2ZX	8 x 1-1/2"	50	
046929	HW8x2ZT	8 x 2"	250	
006419	HW10x1ZX	10 x 1"	100	

Zip-In® White Screw

Zip-in®



Part #	Mfg #	Size	Pkg Qty	Price
066164	HW8X2ZWT	8 x 2"	250	

Drill-In Screw



Part #	Mfg #	Size	Pkg Qty	Price
084193	HW10X2T	10 x 2"	250	
006424	HW10X2X	10 x 2"	50	

Bit-Tip® #2 Screw - Hex Washer Head

- *Taps a matching thread*
- *Drills it's own hole*
- *Fastens in steel up to .200 thick*

Bit-Tip®

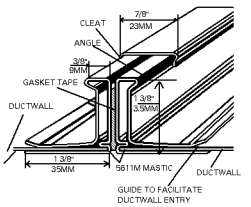


Part #	Mfg #	Screw Size	Driver Size	Pkg Qty	Price
037082	BT131	8-18 x 1/2"	1/4"	100	
037085	BT133T	8-18 x 3/4"	1/4"	500	
037083	BT133	8-18 x 3/4"	1/4"	100	

Duct Fasteners

Connector Systems

Ductmate 35 Rectangular Flange System



Part #	Mfg #	Description	Price
005621	DM35	DM35™ Flange System	

Ductmate 35 Corner



Part #	Mfg #	Description	Price
005615	DC111B	35 Corner with Clips	

DURO DYNE

Duct Fasteners

PN Spotter Pin



Part #	Mfg #	Size	Pack	Price
072531	26001	3/4"	1000	

RCD Corporation

Mastic Duct Sealants

#6 Mastic Fiber Seal

- *Low to high velocity air duct sealant*
- *Non-toxic adhesive-sealant for permanently sealing fabricated joints and seams of sheet metal air ducts, UL-181 listed rigid fiberglass air ducts, UL-181 listed flexible air ducts and thermal insulation*
- *Water-based and non-flammable*
- *High solid content*
- *Fiber reinforced*
- *Weather resistant*
- *Elastomeric*
- *City of Los Angeles Approval #RR820*



Part #	Mfg #	Size	Price
121139	106001	1 gal	

HARDCAST DUCT SEALANTS & INSULATION ADHESIVES CARLISLE

Duct Adhesives

Iron-Grip™ 601

- *For use on metal duct, glass fiber duct board, flex duct, duct fabric and flexible tubing runouts*
- *Indoor/outdoor use*
- *Water-based*
- *All pressure classes*
- *UL Classified*



Part #	Mfg #	Size	Price
022827	304135	1 gal	

Duct Fasteners

Mastic Duct Sealants

Versa-Grip™ 181

- *For use on metal duct, glass fiber duct board and flexible duct*
- *Indoor/outdoor use*
- *Water-based*
- *All pressure classes*
- *UL 181A-M/181B-M Listed*



Part #	Mfg #	Size	Color	Price
124963	304138	1 gal	White	

Duct-Seal™ 321

- *Indoor/outdoor use*
- *Water-based*
- *All pressure classes*
- *UL Classified*



Part #	Mfg #	Size	Color	Price
125162	304156	1 gal	Gray	

Iron-Grip™ 601

- *For use on metal duct, glass fiber duct board, flex duct, duct fabric and flexible tubing runouts*
- *Indoor/outdoor use*
- *Water-based*
- *All pressure classes*
- *UL Classified*



1 Gallon

Part #	Mfg #	Size	Price
124961	304137	11 oz	

Duct Liner Adhesives

Coil-Tack™

- *Formerly Glas-Grip 901*
- *Low tack, nonflammable, water-based insulation adhesive engineered for spray or extruding coil line applications*
- *Low-viscosity liquid*
- *Synthetic latex*



Part #	Mfg #	Size	Color	Price
128234	308584	50 gal	Black	

Travel-Tack™

- *Portable insulation adhesive spray system*
- *Polymer-based aerosol spray*
- *Excellent water resistance*



Part #	Mfg #	Description	Color	Price
125163	308599	15 oz Aerosol	VOC Clear	

Damper Accessories

Kwiki Damper Regulator

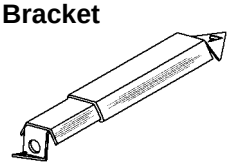


Part #	Mfg #	Description	Price
125160	307963	Kwiki Damper Regulator	

C&S manufacturing

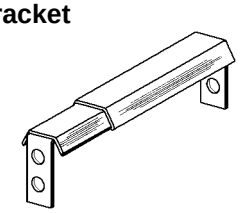
Basset Brackets - Galvanized

Self-Nailing Galvanized Bracket



Part #	Mfg #	Description	Ctn Qty	Price
002244	A-150	12" to 19" Regular	50	
034448	E-125G	19" to 26" X-Long	25	

"Tab" Galvanized Bracket



Part #	Mfg #	Description	Ctn Qty	Price
047447	AT-150	12" to 19" Regular	50	

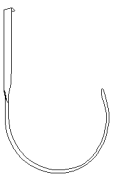
Duct Hangers

"Tab" Galvanized Bracket with Pre-Loaded Screws

Part #	Mfg #	Description	Ctn Qty	Price
103953	ATS-150	12" to 19" Regular	50	

Pipe Hangers

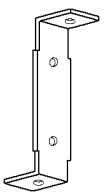
- *Installation of round 5" or 6" heating pipes*

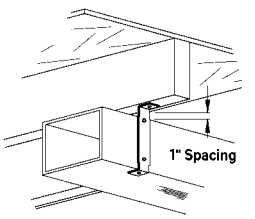


Part #	Mfg #	Carton Qty	Price
002245	BH-2	50/Box	

Square Duct Hangers - Galvanized

- *18 Gauge*





Part #	Mfg #	Size	Price
035563	BH-8	8"	
038070	BH-9	9"	
125557	BH-10	10"	

Basset Straps

Duct Strap



- *For all square ducts running below the joists*
- *18 Gauge galvanized steel*

Part #	Mfg #	Qty	Price
002246	DS-3	100/Carton	

Dryer Duct

Flexible Aluminum Foil Ducting

- *Ideal for exhausting clothes dryers and bathroom fans*
- *Will not support combustion*
- *No fire or UL ratings*



Part #	Mfg #	Size	Price
090879	D04-057	4" x 8'	

Flexible Aluminum Ducting

- *Ideal for exhausting clothes dryers*
- *Bendable to any configuration*



Part #	Mfg #	Size	Price
030873	D04-054	4" x 25'	

Ceiling Grilles & Registers

Ceiling Air Diffusers

Airtec™ Classic Air Diffuser - Standard

- *8" x 8" Diffuser assembly*

AIRTEC™



81911



81914

Part #	Mfg #	Description	Price
043588	81911	Round Grille/Damper/Box	
038122	81914	4-Way Grille/Damper/Box	

Airtec™ Classic Air Diffuser - Small

- *6" x 6" Diffuser assembly*

AIRTEC™



Part #	Mfg #	Description	Price
099312	MV360S	Round Grille/Damper/Box	

Ceiling Support Flanges

Rough-In Flange

- *Designed for new construction*
- *RCF Flashing can be fastened to rough framing*
- *3/8" Lip that drops below the ceiling*

AIRTEC™



Part #	Mfg #	Description	Price
038125	81965	16" on Center Framing, 9-1/4" Hole	

SHOEMAKER

Ceiling Diffusers

90 Series Step Down Round Diffuser

- *Ideal for residential and light commercial applications*
- *Steel construction*
- *Attractive concentric ring deflects air stream 360°*
- *Soft white*



Part #	Mfg #	Size	Price
122593	9006	6"	
122594	9008	8"	
122646	9010	10"	
122647	9012	12"	

Ceiling Dampers

91 Series Round Bowtie Damper

- *For use with 90 series diffusers*
- *Field installable bowtie damper with wound ring*
- *Mill finish*



Part #	Mfg #	Size	Price
122595	9106	6"	
122597	9108	8"	
122649	9110	10"	
122650	9112	12"	

92 Series Round Ring

- *Use in applications for installing round without damper*
- *Steel construction*

Part #	Mfg #	Size	Price
122659	9206	6"	
122660	9208	8"	
123473	9210	10"	
122661	9212	12"	

Floor Grilles & Registers

Floor Grilles

1033 Series Return Air Grille

- *1/3" Spacing dual angular louvers*
- *20 and 22 Gauge cold roll steel*
- *Install with louvers in up or down position for best duct concealment*
- *Countersunk mounting holes for flush appearance with color matching Phillips posi-drive screws*

Part #	Mfg #	Size	Color	Price
123787	1033W1406	14" x 6"	White	
123788	1033W2406	24" x 6"	White	
123789	1033W3006	30" x 6"	White	
123790	1033W3008	30" x 8"	White	

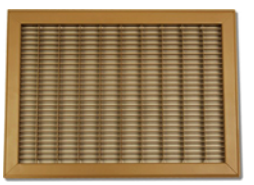
1165 Series Triangular Baseboard Return Air Grille

- *1/2" Spacing dual angular louvers*

Part #	Mfg #	Size	Color	Price
123238	1165W1406	14" x 6"	White	
123239	1165W2406	24" x 6"	White	
123240	1165W3006	30" x 6"	White	

1600 Series Floor Grille

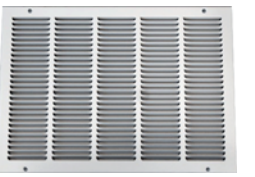
- *Steel honeycomb construction*
- *Flush core and frame provides smooth surface*
- *Free area equals more than 75% of nominal size*
- *Driftwood tan*



Part #	Mfg #	Size	Price
123675	16000424	4" x 24"	
122662	16000612	6" x 12"	
122663	16000614	6" x 14"	
122664	16000624	6" x 24"	
122665	16000630	6" x 30"	
122666	16000814	8" x 14"	
122667	16000824	8" x 24"	
122668	16001012	10" x 12"	
122670	16001214	12" x 14"	
123873	16001230	12" x 30"	
125839	16001420	14" x 20"	

1075 Series Heavy Duty Return Air Grille

- *1/2" Spacing dual angular louvers*
- *20 and 22 Gauge cold roll steel*
- *Mullions are reinforced with stiffeners for greater strength*
- *For applications where greater air volume is required*



- *Install with louvers in up or down position for best duct concealment*
- *Countersunk mounting holes for flush appearance with color matching Phillips posi-drive screws*
- *Soft white*

Part #	Mfg #	Size	Price
149124	10751204	12" x 4"	

1133 Series Baseboard Return Air Grille

- *Stamped face*
- *1/3" Spacing dual angular louvers*

Part #	Mfg #	Size	Color	Price
124305	1133B1406	14" x 6"	Brown	
123791	1133W1406	14" x 6"	White	
123795	1133W3006	30" x 6"	White	

TD Series Toe Space Grille with Damper

- *Formed cold roll steel*
- *Ideal for return air in the toe space areas between kitchen cabinets, stair risers, built-in vanities, etc*



- *Countersunk mounting holes for flush appearance with color matching Phillips posi-drive screws*
- *Multi-shutter damper*

Part #	Mfg #	Size	Color	Price
123575	TD21412W	2-1/4" x 12"	White	

Floor Grilles & Registers

Floor Registers

855 Series Baseboard Register



- *Stamped face*
- *Steel construction*
- *Fan shaped 1/2" spaced louvers*
- *Steel multi-shutter damper*
- *7/8" Margin turnback*
- *All component parts, rivets, linkage and handle enclosed in valve to assure trouble-free operation*
- *Soft white*

Part #	Mfg #	Size	Price
123569	8551206	12" x 6"	

1550 Series Floor Register



- *Mounting holes for sidewall and ceiling applications*
- *Steel honeycomb construction*
- *Flush core and frame provides smooth surface*
- *Free area equals more than 75% of nominal size*
- *Recessed, screwdriver-operated, opposed blade damper to control air volume for positive balance of system*
- *Positive volume set screw*
- *Driftwood tan*

Part #	Mfg #	Size	Price
122636	15500612	6" x 12"	

Floor Diffusers

325 Series Stamped Perimeter Floor Diffuser



- *Cold rolled steel construction*
- *Opposed blade damper standard*
- *All component parts, rivets, linkage, and handle are enclosed in the valve to assure trouble-free operation*
- *Locking screw provision concealed beneath the floor for tamper proof settings*
- *Sold in carton quantity only*

Part #	Mfg #	Size	Color	Price
123510	3250410B	4" x 10"	Brown	
123509	3250410W	4" x 10"	White	
123043	3250412B	4" x 12"	Brown	
123042	3250412W	4" x 12"	White	

350 Series Stamped Deluxe Floor Diffuser



- *Heavy-gauge cold-rolled steel*
- *Louvers designed with rolled rib for maximum strength and rigidity*
- *Unique fan-shaped air patterns lends to both heating and air conditioning applications*
- *Opposed blade damper standard on 4" widths*
- *Parallel blade damper on 6" widths and larger*
- *All component parts, rivets, linkage, and handle are enclosed in the valve to assure trouble-free operation*

Part #	Mfg #	Size	Color	Price
122941	35021410B	2-1/4" x 10"	Brown	
122940	35021410W	2-1/4" x 10"	White	
122942	35021412B	2-1/4" x 12"	Brown	
122943	35021412W	2-1/4" x 12"	White	
122944	35021414B	2-1/4" x 14"	Brown	
122945	35021414W	2-1/4" x 14"	White	
141396	3500414B	4" x 14"	Brown	
122951	3500414W	4" x 14"	White	

Sidewall Grilles

1050 Series Return Air Grille



- *1/2" Spacing dual angular louvers*
- *20 and 22 Gauge cold roll steel*
- *Install with louvers in up or down position for best duct concealment*
- *Countersunk mounting holes for flush appearance with color matching Phillips posi-drive screws*
- *Soft white*

Part #	Mfg #	Size	Price
123194	10501006	10" x 6"	
123195	10501008	10" x 8"	
123196	10501010	10" x 10"	
123197	10501206	12" x 6"	
123198	10501208	12" x 8"	
123199	10501212	12" x 12"	
123200	10501406	14" x 6"	
123201	10501408	14" x 8"	
123202	10501410	14" x 10"	
123203	10501412	14" x 12"	
123204	10501414	14" x 14"	
137588	10501606	16" x 6"	
127463	10501608	16" x 8"	
123205	10501616	16" x 16"	

Sidewall Grilles & Registers

Sidewall Grilles (Continued)

1050 Series Return Air Grille

Part #	Mfg #	Size	Price
123206	10502006	20" x 6"	
123207	10502008	20" x 8"	
123208	10502010	20" x 10"	
123209	10502012	20" x 12"	
123210	10502014	20" x 14"	
123211	10502016	20" x 16"	
123212	10502020	20" x 20"	
129115	10502024	20" x 24"	
123214	10502406	24" x 6"	
123215	10502408	24" x 8"	
123216	10502410	24" x 10"	
123217	10502412	24" x 12"	
123218	10502414	24" x 14"	
123219	10502416	24" x 16"	
123220	10502420	24" x 20"	
123221	10502424	24" x 24"	
123222	10503006	30" x 6"	
123223	10503008	30" x 8"	
123224	10503010	30" x 10"	
123225	10503012	30" x 12"	
132487	10503014	30" x 14"	

1150 Series Baseboard Return Air Grille

- *Stamped face*
- *1/2" Spacing dual angular louvers*

Part #	Mfg #	Size	Color	Price
123229	1150W1206	12" x 6"	White	
123230	1150B1406	14" x 6"	Brown	
123232	1150W1406	14" x 6"	White	
129392	1150W1408	14" x 8"	White	
123234	1150W2406	24" x 6"	White	
123236	1150B3006	30" x 6"	Brown	
123237	1150W3006	30" x 6"	White	
132412	1150W3008	30" x 8"	White	

TS Series Toe Space Grille

- *Formed cold roll steel*
- *Ideal for return air in the toe space areas between kitchen cabinets, stair risers, built-in vanities, etc*
- *Countersunk mounting holes for flush appearance with color matching Phillips posi-drive screws*



Part #	Mfg #	Size	Color	Price
122736	TS0210B	2" x 10"	Brown	

Sidewall Grilles (Continued)

TS Series Toe Space Grille

Part #	Mfg #	Size	Color	Price
122591	TS0212B	2" x 12"	Brown	
122737	TS0212W	2" x 12"	White	
122740	TS0214B	2" x 14"	Brown	
122738	TS0214W	2" x 14"	White	
122592	TS0412W	4" x 12"	White	

FG2 Series Stamped Face 2" Filter Grille



- *1/2" Spacing dual angular louvers*
- *20 and 22 Gauge cold roll steel*
- *Hand operated lever for easy filter access*
- *Holds up to 2" Filter (not included)*
- *Removable face for easy cleaning and maintenance*
- *Filter door hinges parallel to longest side*
- *4-Way reversible door on square sizes*
- *2-Way reversible door on rectangular sizes*
- *Filter retention tabs*
- *Concealed mounting holes*
- *Soft white*

Part #	Mfg #	Size	Price
123382	FG21420	14" x 20"	
123383	FG21425	14" x 25"	
123380	FG21620	16" x 20"	
123384	FG21625	16" x 25"	
123385	FG22016	20" x 16"	
123386	FG22020	20" x 20"	
123387	FG22025	20" x 25"	
123388	FG22424	24" x 24"	
123389	FG22516	25" x 16"	
125075	FG22520	25" x 20"	

Sidewall Grilles & Registers

Sidewall Diffusers

850 Series Stamped 2-Way Diffuser



- *Stamped 1/2" fan-shaped louvers for heating and cooling*
- *For ceiling or sidewall applications*
- *All component parts, rivets, linkage and handle are enclosed in the valve to assure trouble-free operation*
- *Countersunk mounting holes for flush appearance with color matching Phillips posi-drive screws*
- *Steel multi-shutter damper*
- *Soft white*

Part #	Mfg #	Size	Price
123392	8501004	10" x 4"	
123393	8501006	10" x 6"	
123394	8501204	12" x 4"	
123395	8501206	12" x 6"	
123396	8501208	12" x 8"	
123397	8501404	14" x 4"	
123398	8501406	14" x 6"	
123399	8501408	14" x 8"	
123400	8501608	16" x 8"	

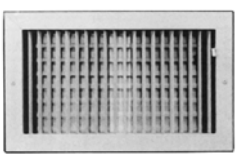
875 Series Baseboard Diffuser



- *Steel construction*
- *Generous free area for quiet operation*
- *Lever operated single-blade damper*
- *Removable face and damper*
- *Tension wings to stabilize damper*

Part #	Mfg #	Size	Color	Price
122939	875B18	18"	Brown	
122938	875W18	18"	White	

951 Adjustable Steel Blade Diffuser



- *Adjustable steel face blades with steel multi-shutter damper*
- *For ceiling or sidewall applications*
- *Vertical air deflectors with nylon bushings for easy adjustment and quiet settings*
- *Countersunk mounting holes for flush appearance with color matching Phillips posi-drive screws*
- *All component parts, rivets, linkage and handle are enclosed in the valve to assure trouble-free operation*

Part #	Mfg #	Size	Price
123028	9511004	10" x 4"	
123029	9511006	10" x 6"	

Sidewall Diffusers (Continued)

951 Adjustable Steel Blade Diffuser

Part #	Mfg #	Size	Price
123030	9511204	12" x 4"	
123031	9511206	12" x 6"	
129734	9511404	14" x 4"	
123032	9511406	14" x 6"	
123033	9511408	14" x 8"	
141490	9511606	16" x 6"	
146924	9511608	16" x 8"	

RECTORSEAL

Sidewall Air Diffusers

Airtec™ Classic Air Diffuser - Small

- *6" x 6" Diffuser assembly*

AIRTEC™



Part #	Mfg #	Description	Price
098602	MVES	Return/Exhaust Grille/Damper/Box	

deflect-o

Dryer Venting

Supurr-Vent® Louvered Vent Hood



Part #	Mfg #	Size	Color	Price
108462	HS6B	6"	Brown	

Deflectors

Specialty Vents/Hoods

Fresh Air Intake Vent

- *Includes molded 1/4" plastic screen*



Part #	Mfg #	Size	Color	Price
104250	HSM6B	6"	Brown	

Undereve® Vent

For Clothes Dryer or Bathroom Exhaust Venting

- *Helps prevent cold air from entering the home*
- *Helps prevent birds from nesting in the vent and rodents from entering the home*
- *Designed to vent clothes dryer exhaust, bathroom exhaust and any other venting up to 5" in diameter*
- *Easy installation: assemble vent, connect duct to opening made in eave, attach Undereve® vent*



Part #	Mfg #	Description	Price
045755	EVE/6	White Vent - Case/6	

SHOEMAKER

Commercial Grilles

106 FG Series T-Bar Fiberglass Back Filter Grille

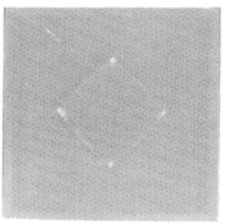
- *Return air T-Bar lay-in filter grille*
- *Removable louvered 20 gauge steel face*
- *7/8" Fiberglass back plenum cut holes*
- *Seismic support holes*
- *Soft white*



Part #	Mfg #	Size	Price
123390	106FG	20" x 20"	

111 Series T-Bar Fiberglass Back Grille

- *Perforated face*
- *Seismic support hangers*
- *One size fits 6" - 16"*



Part #	Mfg #	Size	Price
124378	111	24" x 24"	

Commercial Diffusers

600T Series Aluminum Lattice T-Bar Diffuser

- *1/2" x 1/2" x 1/2" Aluminum lattice return air T-Bar lay-in grille*
- *.055 T6 Extruded aluminum frame*
- *Square collar*
- *For 22" x 22" duct*
- *Soft white*

Part #	Mfg #	Size	Price
126891	600T2424	24" x 24"	

601T Series Aluminum Lattice T-Bar Diffuser

- *1/2" x 1/2" x 1/2" Aluminum lattice return air T-Bar lay-in grille*
- *.055 T6 Extruded aluminum frame*
- *Fiberglass back (2" x 2" only, collar by others)*
- *For 22" x 22" duct*
- *Soft white*

Part #	Mfg #	Size	Price
123571	601T2424	24" x 24"	

FTD Series Fixed T-Bar High Volume Diffuser

- *Galvaneal steel face designed for high air volume delivery*
- *360° Air diffusion*
- *No labor collar*
- *Seismic support hangers*
- *Soft white*



Part #	Mfg #	Size	Price
123411	FTD6	24" x 24" x 6"	
123412	FTD8	24" x 24" x 8"	
123408	FTD10	24" x 24" x 10"	
123409	FTD12	24" x 24" x 12"	
123410	FTD14	24" x 24" x 14"	

Commercial Grilles & Registers

FTD-INS Series Fixed T-Bar High Volume Diffuser



- *Includes fiberglass backed plenum insulation*
- *Galvaneal steel face designed for high air volume delivery*
- *360° Air diffusion*
- *No labor collar*
- *Seismic support hangers*
- *Soft white*

Part #	Mfg #	Size	Price
123422	FTD-INS6	24" x 24" x 6"	
123423	FTD-INS8	24" x 24" x 8"	
123414	FTD-INS10	24" x 24" x 10"	
123419	FTD-INS12	24" x 24" x 12"	
123420	FTD-INS14	24" x 24" x 14"	

HVD Series 3-Cone T-Bar Diffuser



- *Cones are 1-piece stamped construction providing a clean, smooth style*
- *360° Air diffusion*
- *Excellent for variable air volume applications*
- *Hinged-down core for easy access*
- *No labor collar*
- *Seismic support hangers*
- *Soft white*

Part #	Mfg #	Size	Price
141067	HVD6	24" x 24" x 6"	
140762	HVD8	24" x 24" x 8"	

Commercial Dampers

BD Series Bowtie Damper



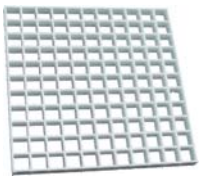
- *For use with T-bars*
- *Field installable butterfly damper*
- *Mill finish*

Part #	Mfg #	Size	Price
123406	BD-6	6"	
123407	BD-8	8"	
123403	BD-10	10"	
123404	BD-12	12"	
123405	BD-14	14"	

DIVERSITECH

Ventilation Diffusers

Air Return Diffuser



- *Egg crate lay-in louver*
- *White polystyrene 1/2" open cell grid*

Part #	Mfg #	Size	Price
040817	650-100	2' x 4' x 1/2"	

SHOEMAKER

Accessories

Handle

Part #	Mfg #	Description	Price
130875	55	Bow-Tie Plastic Handle	

Screws and Bits

Part #	Mfg #	Description	Price
124653	C	8" x 2" Phillips Panhead Baseboard Screw	

Insulation

Part #	Mfg #	Description	Price
128739	FBP	Fiberglass Back Plenum	

Paint

Part #	Mfg #	Description	Price
136689	45	Driftwood Tan Spray Paint, 4.5 oz	

Stainless Steel Venting

FasNSeal® Adapters

Weil McLain Tee Appliance Adapter



Part #	Mfg #	Size	Price
041443	300358	3"	

FasNSeal® Single-Wall Special Gas Vent

Vent Length Pipe

- *Use to vent category II, III and IV appliances*



Part #	Mfg #	Size	Price
040346	300001	3" x 6"	
040347	300015	3" x 12"	
040348	300045	3" x 18"	
040349	300060	3" x 24"	
040350	300075	3" x 36"	
041863	300002	4" x 6"	
041864	300016	4" x 12"	
041866	300061	4" x 24"	

Adjustable Vent Length Pipe

- *Use to add length to straight length of FasNSeal® pipe*
- *Adds 2" - 14" of length*
- *Requires at least 2" overlap for a secure connection*



Part #	Mfg #	Size	Price
046673	300250	3" x 18"	

45° Elbow

- *Allows for better condensate management and less back pressure*



Part #	Mfg #	Size	Price
041868	300131	4"	

90° Elbow

- *Use to go from horizontal to vertical runs or vertical to horizontal runs*
- *Use to turn vent 90°*



Part #	Mfg #	Size	Price
040352	300160	3"	
041869	300161	4"	

Bird Screen

- *Use for 3" and 4" standard through-the-wall terminations*



Part #	Mfg #	Size	Price
040356	300186	3"	
041873	300187	4"	

Horizontal Drip Tee

- *Use to manage condensate in horizontal runs*



Part #	Mfg #	Size	Price
040354	300236	3"	
041872	300237	4"	

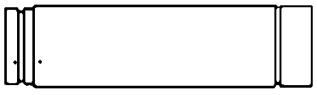
Wall Thimble with Adjustable Vent Length Pipe

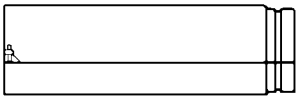
- *Use for through-the-wall termination*
- *Fits between standard wall studs*

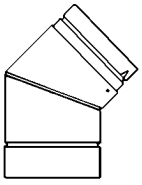


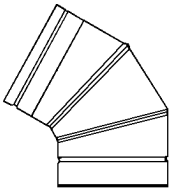
Part #	Mfg #	Size	Price
040353	300280	3"	
041871	300281	4"	

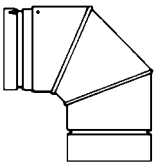
RV Round Venting

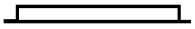

Round Pipe

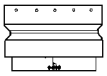

Adj Length Pipe

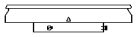

45° Adj Elbow

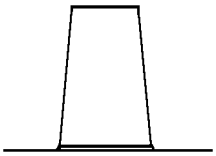

60° Adj Elbow


90° Adj Elbow

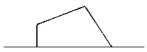

Tee Cap

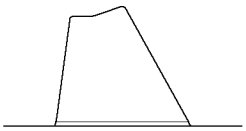

Draft Hood Connector

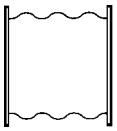

Round Increaser

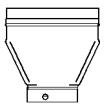

Tall Cone Flat Roof Flashing

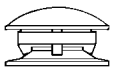

Storm Collar

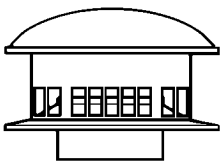

Adj Roof Flashing

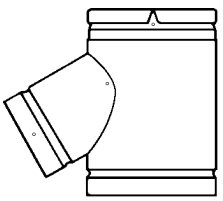

Tall Cone Adj Roof Flashing

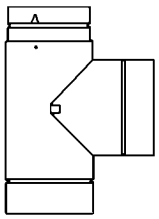

Adj Wall Thimble


Rd to Oval Adapter


Vent Top


Top (Bird Proof)


Fixed Wye


Round Tee

Type "B" Gas RV Vent Pipe & Fittings

3" Gas Vent Round

Part #	Mfg #	Description	Price
009690	3RV-6	6" Round Pipe	
009685	3RV-12	12" Round Pipe	
009686	3RV-18	18" Round Pipe	
009687	3RV-2	24" Round Pipe	
009688	3RV-3	36" Round Pipe	
066532	3RV-4	48" Round Pipe	
009689	3RV-5	60" Round Pipe	
052598	3RV-60	45°/60° Adjustable Elbow	
009790	3RV-90	90° Adjustable Elbow	
009657	3RV-AF12	Adj Roof Flashing 6/12 to 12/12	
009676	3RV-AJ	12" Adj Length Pipe	
009663	3RV-DH	Draft Hood Connector	

Type "B" Gas RV Vent Pipe & Fittings (Continued)

3" Gas Vent Round

Part #	Mfg #	Description	Price
009774	3RV-FSPU	3" Quick Grip Firestop/Spacer	
053951	3RV-HWT	High Wind Top	
009668	3RV-I4	3" x 4" Increaser	
009669	3RV-I5	3" x 5" Increaser	
096904	3RV-I6	3" x 6" Increaser	
009760	3RV-RT	Vent Top	
009729	3RV-SC	Storm Collar	
009748	3RV-TC	Tee Cap	
009754	3RV-TF	Tall Cone Flat Roof Flashing	
009653	3RV-TFA	Tall Cone Adj Roof Flashing	
009766	3RV-TS	Tee	
043482	3RV-WT	Adj Wall Thimble	

4" Gas Vent Round

Part #	Mfg #	Description	Price
009696	4RV-6	6" Round Pipe	
009691	4RV-12	12" Round Pipe	
009692	4RV-18	18" Round Pipe	
009693	4RV-2	24" Round Pipe	
009694	4RV-3	36" Round Pipe	
041120	4RV-4	48" Round Pipe	
009695	4RV-5	60" Round Pipe	
009675	4RV-3RA	3" Rheem Adapter	
009794	4RV-90	90° Adjustable Elbow	
009658	4RV-AF12	Adj Roof Flashing 6/12 to 12/12	
009677	4RV-AJ	12" Adj Length Pipe	
009678	4RV-AJ18	18" Adj Length Pipe	
009664	4RV-DH	Draft Hood Connector	
052600	4RV-EL45/60	45°/60° Adjustable Ell	
009775	4RV-FSPU	4" Quick Grip Firestop/Spacer	
053952	4RV-HWT	Hi-Wind Cap	
009670	4RV-I5	4" x 5" Increaser	
009671	4RV-I6	4" x 6" Increaser	
009761	4RV-RT	Top Vent (Bird Proof)	
009730	4RV-SC	Storm Collar	
009749	4RV-TC	Tee Cap	
009755	4RV-TF	Tall Cone Flat Roof Flashing	
009654	4RV-TFA	Tall Cone Adj Roof Flashing	
009767	4RV-TS	Tee	
037624	4RV-WT	Adj Wall Thimble	
009779	4RV-WV4	Round to Oval Adapter	

RV Round Venting

5" Gas Vent Round

Part #	Mfg #	Description	Price
009702	5RV-6	6" Round Pipe	
009697	5RV-12	12" Round Pipe	
009698	5RV-18	18" Round Pipe	
009699	5RV-2	24" Round Pipe	
009700	5RV-3	36" Round Pipe	
041121	5RV-4	48" Round Pipe	
009701	5RV-5	60" Round Pipe	
009783	5RV4-FY	4" Fixed Wye s/4" Snout	
114028	5RV43FY	5" x 4" x 3" Fixed Wye	
009780	5RV-5/6WV	Round to Oval Adapter	
052601	5RV-60	45°/60° Adjustable Elbow	
009795	5RV-90	90° Adjustable Elbow	
009655	5RV-AF	Adj Roof Flashing Flat to 6/12	
009659	5RV-AF12	Adj Roof Flashing 6/12 to 12/12	
009679	5RV-AJ	12" Adj Length Pipe	
009680	5RV-AJ18	18" Adj Length Pipe	
009665	5RV-DH	Draft Hood Connector	
009776	5RV-FSPU	5" Quick Grip Firestop/Spacer	
053953	5RV-HWT	Hi-Wind Top	
009672	5RV-I6	5" x 6" Increaser	
009762	5RV-RT	Vent Top	
009731	5RV-SC	Storm Collar	
009750	5RV-TC	Tee Cap	
009756	5RV-TF	Tall Cone Flat Roof Flashing	
009768	5RV-TS	Tee	

6" Gas Vent Round

Part #	Mfg #	Description	Price
009708	6RV-6	6" Round Pipe	
009703	6RV-12	12" Round Pipe	
009704	6RV-18	18" Round Pipe	
009705	6RV-2	24" Round Pipe	
009706	6RV-3	36" Round Pipe	
009707	6RV-5	60" Round Pipe	
009781	6RV-5/6WV	Round to Oval Adapter	
052602	6RV-60	45°/60° Adjustable Elbow	
009796	6RV-90	90° Adjustable Elbow	
009656	6RV-AF	Adj Roof Flashing Flat to 6/12	
009660	6RV-AF12	Adj Roof Flashing 6/12 to 12/12	
009681	6RV-AJ	12" Adj Length Pipe	
009666	6RV-DH	Draft Hood Connector	
009777	6RV-FSPU	6" Quick Grip Firestop/Spacer	
053954	6RV-HWT	Hi-Wind Cap	
009673	6RV-I7	6" x 7" Increaser	
009674	6RV-I8	6" x 8" Increaser	

Type "B" Gas RV Vent Pipe & Fittings (Continued)

6" Gas Vent Round

Part #	Mfg #	Description	Price
009763	6RV-RT	Vent Top	
009732	6RV-SC	Storm Collar	
009751	6RV-TC	Tee Cap	
009757	6RV-TF	Tall Cone Flat Roof Flashing	
009769	6RV-TS	Tee	

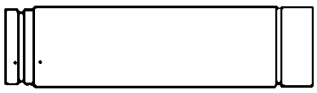
7" Gas Vent Round

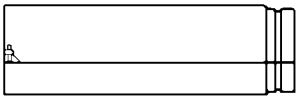
Part #	Mfg #	Description	Price
009714	7RV-6	6" Round Pipe	
009709	7RV-12	12" Round Pipe	
009710	7RV-18	18" Round Pipe	
009711	7RV-2	24" Round Pipe	
009712	7RV-3	36" Round Pipe	
009713	7RV-5	60" Round Pipe	
009788	7RV-45	45° Adjustable Elbow	
009797	7RV-90	90° Adjustable Elbow	
009661	7RV-AF	Adj Roof Flashing Flat to 6/12	
062593	7RV-AF12	Adj Roof Flashing 6/12 to 12/12	
009764	7RV-RT	Vent Top	
009733	7RV-SC	Storm Collar	
009752	7RV-TC	Tee Cap	
009758	7RV-TF	Tall Cone Flat Roof Flashing	
009770	7RV-TS	Tee	

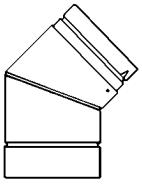
8" Gas Vent Round

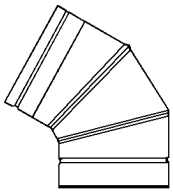
Part #	Mfg #	Description	Price
009720	8RV-6	6" Round Pipe	
009715	8RV-12	12" Round Pipe	
009716	8RV-18	18" Round Pipe	
009717	8RV-2	24" Round Pipe	
009718	8RV-3	36" Round Pipe	
009719	8RV-5	60" Round Pipe	
009789	8RV-45	45° Adjustable Elbow	
009798	8RV-90	90° Adjustable Elbow	
009682	8RV-AJ	12" Adj Length Pipe	
009662	8RV-AF	Adj Roof Flashing Flat to 6/12	
088718	8RV-AF12	Adj Roof Flashing 6/12 - 12/12	
009667	8RV-DH	Draft Hood Connector	
009765	8RV-RT	Vent Top	
009734	8RV-SC	Storm Collar	
009753	8RV-TC	Tee Cap	
009759	8RV-TF	Tall Cone Flat Roof Flashing	
009771	8RV-TS	Tee	

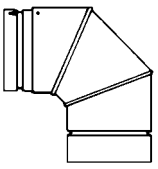
QC Venting

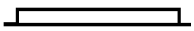

Round Pipe

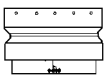

Adj Length Pipe

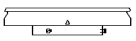

45° Adj Elbow

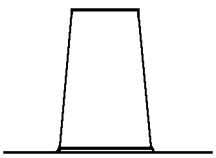

60° Adj Elbow


90° Adj Elbow

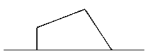

Tee Cap

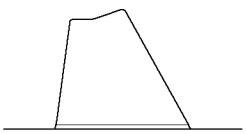

Draft Hood Connector

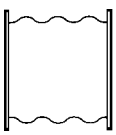

Round Increaser

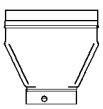

Tall Cone Flat Roof Flashing

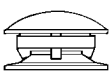

Storm Collar

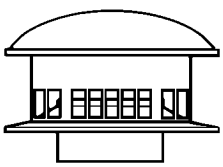

Adj Roof Flashing

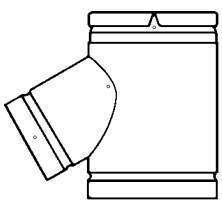

Tall Cone Adj Roof Flashing

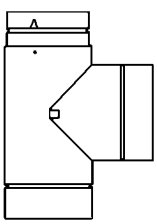

Adj Wall Thimble


Rd to Oval Adapter


Vent Top


Top (Bird Proof)


Fixed Wye


Round Tee

Type "B" Gas QC Vent Pipe & Fittings

10" Gas Vent Round

Part #	Mfg #	Description	Price
008343	10QC-18	18" Round Pipe	
008344	10QC-30	30" Round Pipe	
008371	10QC-45	45° Fixed Elbow	
008336	10QC-AF	Adj Roof Flashing	
008340	10QC-AJ	18" Adj Length Pipe	
008363	10QC-RT	Top	
008351	10QC-SC	Storm Collar	
008357	10QC-TC	Tee Cap	
008361	10QC-TF	Tall Cone Flat Roof Flashing	
008367	10QC-TS	Tee	

12" Gas Vent Round

Part #	Mfg #	Description	Price
008345	12QC-18	18" Round Pipe	
008346	12QC-30	30" Round Pipe	
008372	12QC-45	45° Fixed Elbow	
008337	12QC-AF	Adj Roof Flashing	
008364	12QC-RT	Top	
008352	12QC-SC	Storm Collar	
008358	12QC-TC	Tee Cap	
008362	12QC-TF	Tall Cone Flat Roof Flashing	
008368	12QC-TS	Tee	

14" Gas Vent Round

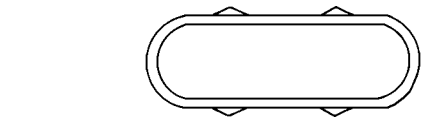
Part #	Mfg #	Description	Price
008348	14QC-30	30" Round Pipe	
008373	14QC-45	45° Fixed Elbow	
008338	14QC-AF	Adj Roof Flashing	
008365	14QC-RT	Top	
008353	14QC-SC	Storm Collar	
008359	14QC-TC	Tee Cap	
008355	14QC-TF	Tall Cone Flat Roof Flashing	
008369	14QC-TS	Tee	

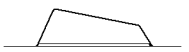
16" Gas Vent Round

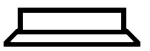
Part #	Mfg #	Description	Price
008350	16QC-30	30" Round Pipe	
008339	16QC-AF	Adj Roof Flashing	
008366	16QC-RT	Top	
008354	16QC-SC	Storm Collar	
008356	16QC-TF	Tall Cone Flat Roof Flashing	

WV Oval Venting

Gas Vent Oval Pipe & Fittings

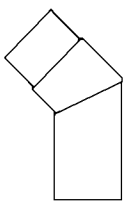

Oval Pipe

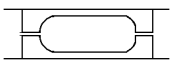

Adj Roof Flashing

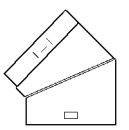

Cap


Oval to Rd Adapter


Storm Collar


Std 45° Elbow


Firestop Spacer


Flat 45° Elbow

4" Gas Vent Oval

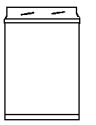
Part #	Mfg #	Description	Price
007919	4OV-12	12" Oval Pipe	
007920	4OV-2	24" Oval Pipe	
007921	4OV-3	36" Oval Pipe	
007922	4OV-4	48" Oval Pipe	
007923	4OV-5	60" Oval Pipe	
007924	4OV-45F	Flat 45° Elbow	
007925	4OV-45S	Standard 45° Elbow	
012142	4OV-4RV	Oval to 4" Round Adapter	
012133	4OV-AF	Adj Roof Flashing	
089500	4OV-FS	Firestop Spacer	
012145	4OV-SC	Storm Collar	
007918	4OV-TS	Oval to Round Tee	
007917	4OV-TC	Tee Cap	

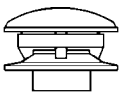
5"/6" Gas Vent Oval

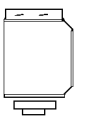
Part #	Mfg #	Description	Price
012135	5/6OV-12	12" Oval Pipe	
012136	5/6OV-2	24" Oval Pipe	
012137	5/6OV-3	36" Oval Pipe	
012138	5/6OV-4	48" Oval Pipe	
012139	5/6OV-5	60" Oval Pipe	
012150	5/6OV-45S	45° Oval Elbow - Standard	
012143	5/6OV-5RV	5" Oval to Round Adapter	
012144	5/6OV-6RV	6" Oval to Round Adapter	
012134	5/6OV-AF	Adj Roof Flashing	
012149	5/6OV-RT	Top	
012146	5/6OV-SC	Storm Collar	
012140	5/6OV-T5	Oval to 5" Round Tee	
012141	5/6OV-T6	Oval to 6" Round Tee	
012147	5/6OV-TC	Tee Cap	

Chimney Systems

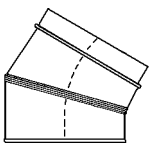
- *Rugged all fuel chimney*
- *Meets all UL® requirements*
- *Model SSII-Type HT tested to 2100°F*
- *Model SSII tested UL®-103 max temp of 1700°F*
- *Gravity venting only*

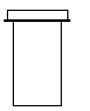

Insulated Pipe

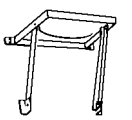

Round Top

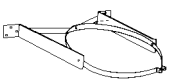

Insulated Tee w/Cap

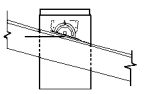

15° Insulated Elbow


30° Insulated Elbow

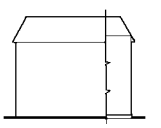

Dripless Adptr w/Coupler

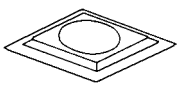

Wall Support Kit

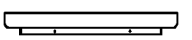

Wall Band

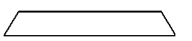

Roof Support

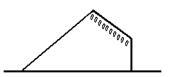

Ceiling Support

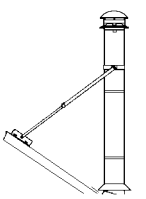

Attic Insulation Shield


Fire Stop/Wall Spacer

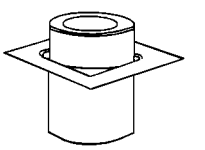

Finishing Collar


Storm Collar


Adjustable Flashing


Roof Brace Kit


Locking Band


Joist Shield

SSII-Type HT 6" Insulated Pipe & Fittings

Part #	Mfg #	Description	Price
001049	6UT-9	6" x 9" Pipe	
001047	6UT-18	6" x 18" Pipe	
001048	6UT-36	6" x 36" Pipe	
001030	6T-AF6	0/12 - 6/12 Adj Flashing	
001029	6T-AF12	6/12 - 12/12 Adj Flashing	
001032	6T-CT	Round Top	
001033	6T-DSA	Dripless Smoke Pipe Adapter	
001034	6T-DSAC	Dripless Smoke Pipe Adapter w/Coupler	
070232	6T-EL15KIT	15° Elbow Kit	
001036	6T-FC	Finishing Collar	

Stainless Steel All Fuel Venting

Chimney Systems (Continued)

SSII-Type HT 6" Insulated Pipe & Fittings

Part #	Mfg #	Description	Price
001037	6T-FSP	Ceiling Support, Sq Plate	
001038	6T-IT	Tee	
021232	6T-JS	Joist Shield	
001039	6T-LB	Locking Band	
021355	6T-RBK	Roof Brace Kit	
001040	6T-RSP	Roof Support Package	
001041	5/6T-SC	6" Metal Storm Collar	
001043	6T-TF	0 - 2/12 Tall Cone Roof Flashing	
074623	6T-TPS	Fire Stop/Trim Collar w/Spacer	
001044	6T-WB	Wall Band	
001046	6T-WSK	Wall Support Kit	

SSII-Type HT 7" Insulated Pipe & Fittings

Part #	Mfg #	Description	Price
001059	7UT-18	7" x 18" Pipe	
001060	7UT-36	7" x 36" Pipe	
001050	7TAF-6	6/12 Flashing	
070237	7T-EL30KIT	30° Elbow Kit	
001051	7T-CT	Round Top	
001053	7T-FSP	Finish Support Pkg, Sq Plate	
001054	7T-IT	Tee	

SSII-Type HT 8" Insulated Pipe & Fittings

Part #	Mfg #	Description	Price
081186	8UT-6	8" x 6" Insulated Pipe	
001081	8UT-9	8" x 9" Insulated Pipe	
001079	8UT-18	8" x 18" Insulated Pipe	
080939	8UT-24	8" x 24" Insulated Pipe	
001080	8UT-36	8" x 36" Insulated Pipe	
001062	8T-AF6	Adj Flashing	
001065	8T-CT	Round Top	
001066	8T-DSAC	Dripless Smoke Pipe Adapter w/Coupler	
070234	8T-EL15KIT	15° Elbow Kit	
001069	8T-FSP	Ceiling Support, Sq Plate	
001070	8T-IT	Tee	
001071	8T-JS	Joist Shield	
001072	8T-LB	Locking Band	
001056	7/8T-SC	8" Metal Storm Collar	
001076	8T-WB	Wall Band	
001078	8T-WSK	Wall Support Kit	

SSII-Type HT 10" Insulated Pipe & Fittings

Part #	Mfg #	Description	Price
070246	10UT-36	10" x 36" Insulated Pipe	

SSII 10" Insulated Fittings

Part #	Mfg #	Description	Price
066181	10SAF-12	2/12 to 6/12 Roof Flashing	
012309	10S-CT	Round Chimney Top	
012314	10S-SC	Storm Collar	

Red Devil

Silicone Sealants

100% Silicone Sealant Squeeze Tube

- *100% silicone*
- *Will not crack, shrink or peel*
- *Interior/exterior use*
- *Solvent clean-up, not paintable*



Part #	Mfg #	Size	Color	Price
128598	0810	2.8 fl oz	White	
008384	0820	2.8 fl oz	Clear	

Chatham

Silicone Caulk

Silicone Construction Caulk

- *For indoor or outdoor use*
- *Permanently flexible*
- *-60°F - +450°F Water and weatherproof*
- *Insulates electrically and thermally room temperature vulcanizing*



Part #	Mfg #	Description	Price
059844	12W	10.3 oz, White	
059845	12C	10.3 oz, Clear	

Plastic High Temperature Sealants

Silicone Seal Carded

- *For indoor or outdoor use*
- *Permanently flexible*
- *-60°F - +450°F Water and weatherproof*
- *Insulates electrically and thermally room temperature vulcanizing*


3W


3C

Part #	Mfg #	Description	Price
059842	3W	3 oz, White Mildew Resistant FDA/NSF	
059843	3C	3 oz, Clear USDA/FDA/NSF	

SELKIRK.

Metalbest Flexible Aluminum Chimney Liner Kits

- *Solution for gas-fired heat venting*
- *Eliminates chimney flue deterioration*
- *Aluminum Liner Kit includes:*
  - *2-Ply Aluminum Flexi-liner*
  - *Round top (RV)*
  - *Flashing with 3" collar*
  - *Motor guard*



Part #	Part #	Size	Length	Price
031689	AF25-03	3"	25'	
031800	AF35-03	3"	35'	
015210	AF25-04	4"	25'	
020303	AF35-04	4"	35'	
020304	AF35-05	5"	35'	
020305	AF35-06	6"	35'	

Snap-Rite Manufacturing, Inc. A Gray Co.

Stainless Steel Products

Stainless Steel 36" Pipe



Part #	Mfg #	Size	Price
015718	5836	6"	
015765	5836	7"	

4-Piece Stainless Steel 90° Elbow



Part #	Mfg #	Size	Price
015678	5835	6"	

Aluminum Products

Aluminum Pipe

- *Length: 2'*
- *Thickness: .020*
- *Box quantity: 25*



Part #	Mfg #	Size	Price
014515	400	3"	
015382	400	4"	

Aluminum Elbow

- *Box quantity: 12*

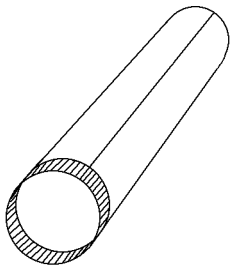


Part #	Mfg #	Size	Price
014306	401	3"	
015192	401	4"	
015617	401	6"	

Aluminum Venting

Aluminum Duct

Aluminum Pipe



Part #	Size	Price
075826	4" x 60"	

DIVERSITECH

Ventilation Products

Versa Cap™ Flue and Hot Stack Cap

- *Non-clogging positive draft design*
- *Adjustable clamp fitting*
- *UL Listed*



LESLIE LOCKE

Part #	Mfg #	Pipe OD	Single Wall	Price
006171	6-3050	2-7/8" - 5"	3" & 4"	
006172	6-5070	4-7/8" - 7"	5" & 6"	
006173	6-7090	6-7/8" - 9"	7" & 8"	
006170	6-1200	11-7/8" - 14-1/2"	12" & 14"	

PlumBest Jones Stephens Corp.

Dryer Venting

Aluminum Elbow & Pipe

- *All aluminum*



Part #	Mfg #	Description	Price
051185	D04-027	4" x 90° Swivel Elbow	
051184	D04-028	4" x 24" Pipe	

Vinyl Vent Hose

- *Wire reinforced vinyl*



Part #	Mfg #	Size	Price
015494	D04-050	4" x 50'	

Aluminum Vent Hood

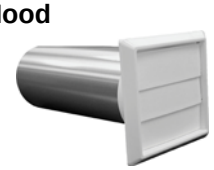
- *For clothes dryers or exhaust fans*
- *Complete with damper and flange plate*



Part #	Mfg #	Size	Price
007995	D04-024	4"	

Louvered Dryer Vent Hood

- *Includes:*
  - *Hood*
  - *Aluminum pipe*
  - *Collar*



Part #	Mfg #	Size	Color	Price
046324	D04-025	4"	White	
046325	D04-026	4"	Brown	

Dryer Vent Hood

- *PVC*
- *Weather proof 12" aluminum extension*
- *Pre-punched mounting holes*

Part #	Mfg #	Size	Price
081179	D04-012	4"	

Metal Clamp for Dryer Vent

- *Heavy-duty all metal design*
- *Excellent for use with metal ducting*



Part #	Mfg #	Size	Price
014355	D04-015	3"	
015229	D04-016	4"	

Dryer Venting

Wall Vents

Louver Hood Faceplate

Part #	Mfg #	Description	Price
097306	20328	6" White Hood, 12/Pk	

Mini Louver Fresh Air Intake

- *Plastic*
- *Screens are 1/4" x 1/4" molded grid*
- *Fixed louvers*
- *Works for thru-wall as well as eave venting*

Part #	Mfg #	Description	Price
097307	20332	6" White Fresh Air Intake	

Skuttle® Indoor Air Quality Products

Make-Up Air Controls

216 Self-Adjusting Make-Up Air Control

Appropriate for all Warm-Air Heating Systems

- *Combats interior air pollution*
- *Reduces drafts and uncontrolled air infiltration to provide year-round comfort*
- *Improves furnace efficiency*
- *Durable, corrosion-resistant stainless steel construction*
- *Includes 6" inlet hood*



Part #	Mfg #	Dia	Hood Size	Price
020915	216-1	6"	6"	

Exhaust Fans

WhisperGreen® Ventilating Fans

WhisperGreen® Fan with Built-In Control

- *Continuous and spot ventilation*
- *Constant CFM - built-in intelligence performs at a constant CFM regardless of elbows and other factors - when the fan faces static pressure, it automatically increases speed to reach desired CFM*
- *Variable speed control - CustomVent™ allows fan to run continuously at a pre-set lower level of 30-70 CFMs that can be elevated to a maximum of 80 CFMs when the switch is turned on and turn (or via SmartAction™ Motion Sensor) - high/low delay timer (adj from 30 seconds to 60 minutes) returns fan to the minimum CFM level*
- *Built-in damper prevents backdraft*
- *Energy Star® rated*



Part #	Mfg #	CFM	Options	Price
140061	FV-08VKM3	30 - 80	Motion Sensor	
130694	FV-13VKM3	0 - 130	Motion Sensor	

WhisperGreen® Ventilating Fans

Single Speed

- *SmartFlow™ technology for optimal CFM output*
- *Fully enclosed DC motor for long life – rated for 60,000 hours continuous run*
- *Detachable dual 4" or 6" duct adaptor included*
- *Fits in 2 x 8 construction*
- *Energy Star® rated*



Part #	Mfg #	CFM	Noise (Sones)	Price
139499	FV-08VK3	80	<0.3	

WhisperGreen-Lite™ Ventilating Fans

Single-Speed WhisperGreen-Lite™ Fan

- *Built-in intelligence allows fan to perform at a constant CFM regardless of elbows and other factors that might hinder performance*
- *Electronic ballast technology with (2) Energy-Star® qualified 18W compact, flicker-free fluorescent lamps and a 4W night-light*
- *Built-in damper to prevent backdraft*
- *Energy Star® rated*



Part #	Mfg #	CFM	Noise (Sones)	Price
139924	FV-08VKL3	80	<0.3	

Variable-Speed WhisperGreen-Lite™ Fan

- *Built-in intelligence allows fan to perform at a constant CFM regardless of elbows and other factors that might hinder performance*
- *Electronic ballast technology with (2) Energy-Star® qualified 18W compact, flicker-free fluorescent lamps and a 4W night-light*
- *Variable speed control - CustomVent™ allows fan to run continuously at a pre-set lower level of 30-70 CFMs that can be elevated to a maximum of 80 CFMs when the switch is turned on and turn (or via SmartAction™ Motion Sensor) - high/low delay timer (adj from 30 seconds to 60 minutes) returns fan to the minimum CFM level*
- *Built-in damper to prevent backdraft*
- *VKML Suffix - Motion Sensor*
- *Energy Star® rated*



Part #	Mfg #	Duct	CFM	Noise (Sones)	Price
137705	FV-08VKML3	4" or 6"	80	<0.3	
140056	FV-08VKSL3	6"	80	<0.3	
139800	FV-13VKML3	6"	130	<0.3	

Exhaust Fans

WhisperCeiling™ Ventilating Fans

- *Low noise levels*
- *Low power consumption*
- *Long run times or continuous operation*
- *Built-in damper prevents backdraft*
- *Energy Star® rated*



Part #	Mfg #	CFM	Noise (Sones)	Price
133291	FV-08VQ5	80	<0.3	
134328	FV-11VQ5	110	<0.3	
133419	FV-15VQ5	150	<0.3	

WhisperWall™ Ventilating Fan

- *Through-the-wall installation*
- *Low noise levels*
- *Low input wattage*



Part #	Mfg #	CFM	Noise (Sones)	Price
132993	FV-08WQ1	70	1.1	

WhisperFit-Lite™ Low Profile Fan/Light/Night-Light

- *Optional 3" duct adapter is included*
- *(2) 18W Compact fluorescent lamps provide overhead lighting*
- *4-Watt night-light*
- *Energy Star® rated*



Part #	Mfg #	CFM	Noise (Sones)	Price
136613	FV-05VFL2	50	0.3	
130047	FV-08VFL2	80	0.5	

WhisperLite™ Fan/Light

- *Low noise level*
- *Low power consumption*
- *Long run times or continuous operation*
- *Energy Star® rated*



Part #	Mfg #	CFM	Noise (Sones)	Price
133293	FV-08VQL5	80	<0.3	
133417	FV-11VQL5	110	0.5	
133418	FV-15VQL5	150	0.9	

WhisperWarm™ Fan/Heater/Light/Night-Light

- *Low noise level*
- *30.6W Power consumption*
- *1400W Heating element*
- *25W Heater fan*
- *For 4" duct size*
- *Night light feature*
- *(2) 18W Compact fluorescent bulb*
- *UL Listed*



Part #	Mfg #	CFM	Noise (Sones)	Price
133063	FV11VHL2	110	0.7	

WhisperValue™ Super Low Profile Ventilating Fan



Part #	Mfg #	CFM	Noise (Sones)	Price
140046	FV-05VS1	50	1.0	
137770	FV-08VS1	80	1.5	

Exhaust Fans

WhisperValue™ Super Low Profile Ventilation Fan/Light

- *Energy Star® rated*



Part #	Mfg #	CFM	Noise (Sones)	Price
134285	FV-08VSL1	80	1.5	

Switches

Multi-Function Control WhisperControl Switch

- *Multi-switch combination saves space and adds convenience*
- *Common feed shunted internally to all switches*
- *Includes matching wall plate*
- *Commercial grade*
- *Elegant styling provides multiple controls in a single-gang wall box*
- *4-Function control - single pole/double throw on-off-on top switch, two single pole on-off switches*



Part #	Mfg #	Color	Functions	Price
145404	FV-WCSW41-W	White	4	

WhisperControl Condensation Sensor

- *Automatically turns on when relative humidity and temperature change is detected*
- *30 Minute countdown timer*
- *Manual On/Off control*
- *Compatible with single-speed fans or fan/lights*
- *Stylish design with wall plate included*
- *LED Indicator*
- *Energy Star®, LEED for Homes, ASHRAE 62.2, and CALGreen compliant*
- *1-Year limited warranty*



Part #	Mfg #	Color	Description	Price
144623	FV-WCCS1-W	White	On/Off	
148246	FV-WCCS1-A	Light Almond	On/Off	
145403	FV-WCCS2-W	White	On/Off/Light	

Quantum Inline Fans

Quantum Ventilation System

- *Complete exhaust system includes:*
  - *Inline plastic combi- fan*
  - *Multi-position metal bracket*
  - *Duct connection collard*
- *Capable of multi-point exhaust*
- *Energy Star® rated*

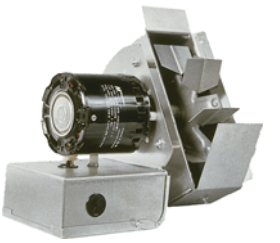


Part #	Mfg #	Description	Price
080159	99-NBQ-COMBI	4", 5", 6" , 180/240/270 CFM, 3-in-1 Inline System, White	

Power Venters

Draft Inducers

- *Inline Auto-Draft® inducers*
- *Quick and easy to install*
- *Vari-Draft control permits adjustments to the individual job requirement*
- *115V 60Hz*



Part #	Mfg #	Smokepipe Size	RPM	Watts	Amps	HP Open	Price
010374	D-3	5" - 8"	1,550 rpm	74W	.96A	1/20 hp	

Roof & Chimney Caps

Venting Caps

634/634M Black Roof Cap



- *Built-in backdraft damper and bird screen*
- *24 Gauge CRCQ Steel, black electrically-bonded finish*

Part #	Mfg #	Description	Price
002548	634	Black Steel for 3-1/4" x 10" or 8" Round Duct	
074322	634M	Black Steel for 3-1/4" x 10" or 6" Round Duct	

636 Black Roof Cap



- *Built-in backdraft damper and birdscreen*
- *24 Gauge CRCQ Steel, black electrically-bonded finish*

Part #	Mfg #	Description	Price
082892	636	Black Steel for 3" or 4" Round Duct	

639 Black Wall Cap



- *Spring-loaded backdraft damper*
- *Built-in bird screen*
- *Steel baked black enamel finish*
- *24 Gauge CRCQ Steel, black electrically-bonded finish*

Part #	Mfg #	Description	Price
002550	639	Black Steel for 3-1/4" x 10" Duct	

641 Aluminum Wall Cap



- *Built-in backdraft damper and birdscreen*
- *Aluminum natural finish*

Part #	Mfg #	Description	Price
002551	641	Aluminum for 6" Round Duct	
024789	642	Aluminum for 3" or 4" Round Duct	

643 Aluminum Wall Cap



- *Built-in backdraft damper*
- *Aluminum natural finish*

Part #	Mfg #	Description	Price
081057	643	Aluminum for 8" Round Duct	

885-BL Black Wall Cap



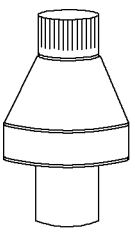
- *4" to 3" Transition included*
- *Built-in bird screen*
- *24 Gauge CRCQ Steel, black electrically bonded epoxy finish*
- *Built-in damper*

Part #	Mfg #	Description	Price
145669	885BL	Black for 3" or 4" Round Duct	

Snap-Rite Manufacturing, Inc. A Gray Co.

Galvanized Diverters

Galv Vertical Draft Diverter



Part #	Size	Price
011100	8"	

Gas Multi-position Furnaces

Achiever Series®

Achiever® R92P Series Single Stage Multi-position Gas Furnace

- *92% Residential gas furnace CSA certified*
- *4 Way multi-poise design*
- *PlusOne™ diagnostics 7-segment LED all units*
- *PlusOne™ ignition system - DSI for reliability and longevity*
- *PlusOne™ water management system with patented blocked drain sensor*
- *Heat exchanger is removable for improved serviceability.*
- *Primary is constructed of aluminized steel, secondary is constructed of stainless steel for maximum corrosion resistance and thermal fatigue reliability*
- *Low profile "34 inch" cabinet ideal for space constrained installations*
- *Blower self design - serviceable in all furnace orientations*
- *Pre marked hoses - insures proper system drainage*
- *Vent with 2" or 3" PVC*
- *Replaceable collector box*
- *Hemmed edges on cabinet and doors*
- *Quarter turn fasteners for tool less access*
- *Integrated control boards feature dip switches for easy system set up*
- *Self priming condensate trap*



R92P- Series
92% A.F.U.E.†
Models with Input Rates of
40 to 115 kBTU

Part #	Mfg #	Blower Size	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
158525	R92PA0401314MSA	11"x7"	1/4-4-PSC	42,000	39,060	14"	123.5 lbs	
158518	R92PA0401317MSA	11"x7"	1/4-4-PSC	42,000	39,060	17-1/2"	123.5 lbs	
158519	R92PA0601317MSA	11"x8"	1/2-4-PSC	56,000	52,080	17-1/2"	128 lbs	
158520	R92PA0701317MSA	11"x8"	1/2-4-PSC	70,000	65,100	17-1/2"	132 lbs	
158521	R92PA0851521MSA	11"x10"	3/4-4-PSC	84,000	78,120	21"	147.5 lbs	
158522	R92PA1001521MSA	11"x10"	3/4-4-PSC	98,000	91,140	21"	152 lbs	
158523	R92PA1151524MSA	11"x11"	3/4-4-PSC	112,000	104,160	24-1/2"	165 lbs	

Gas Multi-position Furnaces

Achiever® R95P Series Single Stage Multi-position Gas Furnace

- *95% residential gas furnace CSA certified*
- *4 Way multi-poise design*
- *PlusOne™ diagnostics 7-segment LED all units*
- *PlusOne™ ignition system - DSI for reliability and longevity*
- *PlusOne™ water management system with patented blocked drain sensor*
- *Heat exchanger is removable for improved serviceability.*
- *Primary is constructed of aluminized steel, secondary is constructed of stainless steel for maximum corrosion resistance and thermal fatigue reliability*
- *Low profile "34 inch" cabinet ideal for space constrained installations*
- *Blower self design - serviceable in all furnace orientations*
- *Pre marked hoses - insures proper system drainage*
- *Vent with 2" or 3" PVC*
- *Replaceable collector box*
- *Hemmed edges on cabinet and doors*
- *Quarter turn fasteners for tool less access*
- *Integrated control boards feature dip switches for easy system set up*
- *Self priming condensate trap*
- *Solid bottom included*



R95P - Series
95% A.F.U.E.†
Models with Input Rates of 40 to 115 kBTU

Part #	Mfg #	Blower Size	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
158565	R95PA0401317MSA	11"x7"	1/4-4-PSC	42,000	40,320	14"	123.5 lbs	
158566	R95PA0601317MSA	11"x8"	1/2-4-PSC	56,000	53,760	17-1/2"	128 lbs	
158567	R95PA0701317MSA	11"x8"	1/2-4-PSC	70,000	67,200	17-1/2"	132 lbs	
158568	R95PA0851521MSA	11"x10"	3/4-4-PSC	84,000	80,640	21"	147.5 lbs	
158569	R95PA1001521MSA	11"x10"	3/4-4-PSC	98,000	94,080	21"	152 lbs	
158570	R95PA1151524MSA	11"x11"	3/4-4-PSC	112,000	107,520	24-1/2"	165 lbs	

Gas Multi-position Furnaces

Achiever Plus® R95T Series Single Stage Multi-Position Gas Furnace

- *95% Residential gas furnace CSA certified*
- *4 Way multi-poise design*
- *PlusOne™ diagnostics 7-segment LED all units*
- *PlusOne™ ignition system - DSI for reliability and longevity*
- *PlusOne™ water management system with patented blocked drain sensor*
- *Heat exchanger is removable for improved serviceability.*
- *Primary is constructed of aluminized steel, secondary is constructed of stainless steel for maximum corrosion resistance and thermal fatigue reliability*
- *Low profile "34 inch" cabinet ideal for space constrained installations.*
- *Blower shelf design - serviceable in all furnace orientations*
- *Pre marked hoses - insures proper system drainage*
- *Vent with 2" or 3" PVC*
- *Replaceable collector box*
- *Hemmed edges on cabinet and doors*
- *Constant torque electrically commutated motor*
- *Quarter turn fasteners for tool less access*
- *Integrated control boards feature dip switches for easy system set up*
- *Self priming condensate trap*
- *Solid bottom included*



R95T- Series
95% A.F.U.E.†
Models with Input Rates of
40 to 115 kBTU

Part #	Mfg #	Blower Size	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
159323	R95TA0401317MSA	11"x7"	1/2-5-ECM	42,000	40,320	17-1/2"	123.5 lbs	
159324	R95TA0601317MSA	11"x8"	1/2-5-ECM	56,000	53,760	17-1/2"	128 lbs	
159325	R95TA0701317MSA	11"x8"	1/2-5-ECM	70,000	67,200	17-1/2"	132 lbs	
159326	R95TA0851521MSA	11"x10"	1-5-ECM	84,000	80,640	21"	147.5 lbs	
159327	R95TA1001521MSA	11"x10"	1-5-ECM	98,000	94,080	21"	152 lbs	
159328	R95TA1151524MSA	11"X11"	1-5-ECM	112,000	107,520	24-1/2"	165 lbs	

Gas Multi-position Furnaces

Achiever Plus® R96P Series Two Stage Multiposition Gas Furnace

- *Up to 96% residential gas furnace CSA certified*
- *4 way multi-poise design*
- *Two stages of operation to save energy and maintain optimal comfort level*
- *PlusOne™ diagnostics 7-segment LED all units*
- *PlusOne™ ignition system - DSI for reliability and longevity*
- *PlusOne™ water management system with patented blocked drain sensor*
- *Heat exchanger is removable for improved serviceability.*
- *Primary is constructed of aluminized steel, secondary is constructed of stainless steel for maximum corrosion n resistance and thermal fatigue reliability*
- *Low profile "34 inch" cabinet ideal for space constrained installations.*
- *Blower shelf design - serviceable in all furnace orientations*
- *Pre marked hoses - insures proper system drainage*
- *Vent with 2" or 3" PVC*
- *Replaceable collector box*
- *Hemmed edges on cabinet and doors*
- *Quarter turn fasteners for tool less access*
- *Integrated control boards feature dip switches for easy system set up*
- *Self priming condensate trap*
- *Solid bottom included*



R96P- Series
96% A.F.U.E.†
Models with Input Rates of
60 to 100 kBTU

Part #	Mfg #	Blower Size	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
159994	R96PA0402317MSA	11"x7"	1/4-4-PSC	42,000	40,320	17-1/2"	123.5 lbs	
159995	R96PA0602317MSA	11"x8"	1/2-4-PSC	56,000	53,760	17-1/2"	128 lbs	
159998	R96PA0702317MSA	11"x8"	1/2-4-PSC	70,000	67,200	17-1/2"	132 lbs	
160001	R96PA0852521MSA	11"x10"	3/4-4-PSC	84,000	80,640	21"	147.5 lbs	
160004	R96PA1002521MSA	11"x10"	3/7-4-PSC	98,000	94,080	21"	152 lbs	
160007	R96PA1152524MSA	11"x11"	3/4-4-PSC	112,000	107,520	24-1/2"	165 lbs	

Gas Multi-position Furnaces

Ultra Series™

Ultra Series™ Two Stage Variable Speed Multi-position Gas Furnace

- *Up to 96% residential gas furnace CSA certified*
- *4 way multi-poise design*
- *Two stages of operation to save energy and maintain optimal comfort level*
- *Variable speed blower motor technology provides ultimate humidity control, quieter sound levels, and year round energy savings.*
- *EcoNet™ enabled HVAC Product*
- *PlusOne™ Diagnostics 7-Segment LED all units*
- *PlusOne™ Ignition System – DSI for reliability and longevity*
- *PlusOne™ Water Management System with patented Blocked Drain Sensor*
- *Heat exchanger is removable for improved serviceability.*
- *Primary is constructed of aluminized steel, secondary is constructed of stainless steel for maximum corrosion resistance and thermal fatigue reliability.*
- *Low profile "34 inch" cabinet ideal for space constrained installations.*
- *Blower shelf design – serviceable in all furnace orientations*
- *Pre marked hoses – insures proper system drainage*
- *Vent with 2" or 3" PVC*
- *Replaceable collector box*
- *Hemmed edges on cabinet and doors*
- *Quarter turn fasteners for tool less access*
- *Integrated control boards feature dip switches for easy system set up*
- *Self priming condensate trap*
- *Solid bottom included*
- *Compatible with single or two stage thermostats. For optimal performance a two stage thermostat is recommended.*



U96V- Series
96% A.F.U.E.†
Models with Input Rates of
60 to 100 kBTU

Part #	Mfg #	Blower Size	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
170931	U96VA0402317MSA	11"x7"	1/2 ECM	42,000	40,320	17-1/2"	128 lbs	
160836	U96VA0602317MSA	11"x8"	1/2 ECM	56,000	53,760	17-1/2"	128 lbs	
160837	U96VA0702317MSA	11"x8"	1/2 ECM	70,000	67,200	17-1/2"	132 lbs	
160838	U96VA0852521MSA	11"x10"	3/4 ECM	84,000	80,640	21"	147.5 lbs	
160839	U96VA1002521MSA	11"x10"	3/4 ECM	98,000	94,080	21"	152 lbs	
160840	U96VA1152524MSA	11"x11"	3/4 ECM	112,000	107,520	24-1/2"	165 lbs	

Gas Downflow Furnaces

Achiever Series

Achiever® R801P Series Downflow Gas Furnace



- *80% Residential gas furnace CSA certified*
- *PlusOne™ diagnostics - 7 segment LED all units*
- *PlusOne™ ignition system - DSI for reliability and longevity*
- *Heat exchanger is removable for improved serviceability. aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability*
- *Low profile 34" cabinet ideal for space constrained installations*
- *Integrated control board features dip switches for easy system set up*
- *Insulated blower compartment*
- *QR code for quick access to product information from your smart phone or tablet*

Part #	Mfg #	Blower Size	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
169610	R801PA050314ZSA	11"x6"	1/2-4-PSC	50,000	41,000	14"	85 lbs	
169611	R801PA075317ZSA	11"x7"	1/2-4-PSC	75,000	60,000	17-1/2"	105 lbs	
169612	R801PA075417ZSA	11"x7"	3/4-4-PSC	75,000	60,500	17-1/2"	105 lbs	
169613	R801PA100317ZSA	11"x7"	1/2-4-PSC	100,000	80,000	17-1/2"	115 lbs	
169614	R801PA100521ZSA	11"x10"	3/4-4-PSC	100,000	80,000	21"	120 lbs	
169615	R801PA125524ZSA	11"x10"	3/4-4-PSC	125,000	99,000	24-1/2"	140 lbs	
169616	R801PA150524ZSA	11"x10"	3/4-4-PSC	150,000	120,000	24-1/2"	150 lbs	

Achiever® R801S Series Downflow Gas Furnace



- *80% Residential gas furnace CSA certified*
- *PlusOne™ diagnostics - 7 segment lED all units*
- *PlusOne™ ignition system - DSI for reliability and longevity*
- *Heat exchanger is removable for improved serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability.*
- *Low profile 34" cabinet ideal for space constrained installations*
- *Integrated controls board feature dip switches for easy system set up*
- *QR codes for quick access to product information from your smart phone or tablet*

Part #	Mfg #	Blower Size	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
169599	R801SA050314ZSA	11"x6"	1/2-4-PSC	50,000	41,000	14"	85 lbs	
169600	R801SA075317ZSA	11"x6"	1/2-3-PSC	75,000	60,500	17-1/2"	105 lbs	
169601	R801SA075417ZSA	11"x7"	3/4-3-PSC	75,000	60,500	17-1/2"	105 lbs	
169602	R801SA100421ZSA	11"x10"	1/2-3-PSC	100,000	80,000	21"	120 lbs	
169603	R801SA125524ZSA	11"x10"	3/4-3-PSC	125,000	99,000	24-1/2"	140 lbs	
169604	R801SA150524ZSA	11"x10"	3/4-3-PSC	150,000	120,000	24-1/2"	150 lbs	

Gas Upflow/Horizontal Furnaces

Achiever Series

Ruud Achiever® R801P Series Upflow/Horizontal Gas Furnace



- *80% Residential gas furnace CSA certified*
- *3 Way multi poise design UF / HZ*
- *PlusOne™ Diagnostics --- 7 Segment LED all units*
- *PlusOne™ Ignition System -- DSI for reliability and longevity*
- *Heat exchanger is removable for improved serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability.*
- *Solid doors provide quiet operation*
- *Solid bottom*
- *Insulated blower compartment*
- *Low profile 34" cabinet ideal for space constrained installations*
- *Blower shelf design -- serviceable in all furnace orientations*
- *Hemmed edges on cabinets and doors*
- *1/4 Turn door knobs for tool less access*
- *Integrated control board features dip switches for easy system set up*
- *QR codes for quick access to product information from your smart phone of tablet*

Part #	Mfg #	Blower Size	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
169605	R801PA050314MSA	11"x6"	1/3-4-PSC	50,000	40,000	14"	85 lbs	
169606	R801PA075417MSA	11"x7"	1/2-4-PSC	75,000	60,000	17-1/2"	105 lbs	
169607	R801PA100521MSA	11"x10"	1/2-4-PSC	100,000	80,000	21"	115 lbs	
169608	R801PA125524MSA	11"x10"	3/4-4-PSC	125,000	100,000	24-1/2"	140 lbs	
169609	R801PA150524MSA	11"x10"	3/4-4-PSC	150,000	120,000	24-1/2"	150 lbs	

Ruud Achiever® R801S Achiever Series Upflow/Horizontal Gas Furnace



- *80% residential gas furnace CSA certified*
- *3 way multi poise design UF/HZ*
- *PlusOne™ diagnostics - 7 segment LED all units*
- *PlusOne™ ignition system - DSI for reliability and longevity*
- *Heat exchanger is removable for improved serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability.*
- *Solid doors provide quiet operation*
- *Low profile 34" cabinet ideal for space constrained installations*
- *Blower shelf design - serviceable in all furnace orientations*
- *Hemmed edges on cabinet and doors*
- *1/4 turn door knobs for tool less access*
- *Integrated controls board features dip switches for easy system set up*
- *QR codes for quick access to product information from your smart phone or tablet*

Part #	Mfg #	Blower Size	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
169592	R801SA050314MSA	11"x6"	1/3-4-PSC	50,000	40,000	14"	85 lbs	
169594	R801SA075417MSA	11"x7"	1/2-4-PSC	75,000	60,000	17-1/2"	105 lbs	

Gas Upflow/Horizontal Furnaces

Achiever Series (Continued)

Ruud Achiever® R801S Achiever Series Upflow/Horizontal Gas Furnace

Part #	Mfg #	Blower Size	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
169595	R801SA100521MSA	11"x10"	1/2-4-PSC	100,000	80,000	21"	115 lbs	
169596	R801SA125524MSA	11"x10"	3/4-4-PSC	125,000	100,000	24-1/4"	140 lbs	
169597	R801SA150524MSA	11"x10"	3/4-4-PSC	150,000	120,000	24-1/4"	150 lbs	

Ruud Ultra™ RGFG Series Modulating Upflow Gas Furnace

With *Comfort Control² System* ™



- *The Ruud Ultra Series™ 90 Plus High Efficiency line of upflow gas furnaces are designed for utility rooms, closets, or alcoves. because of the low-profile 34 inch height, the RGFG- model can be used vertically to satisfy most applications that traditionally call for a horizontal furnace*
- *The Comfort Control2 System™ provides 28 on-board diagnostic codes and fault history codes by detecting system and electrical problems*
- *Primary heat exchanger is constructed of all aluminized steel for maximum corrosion resistance and thermal fatigue reliability.*
- *Reduced firing rates, electrically efficient ECM 3.0 motor, and solid doors provide the ultimate in quiet operation.*
- *Low speed constant fan.*
- *Constant temperature rise for superior comfort.*
- *Seven segment LED for system diagnostics.*
- *Diagnostic history for troubleshooting.*
- *Variable speed induced draft motor.*
- *Hot surface ignition with remote sense.*
- *Optional indoor or outdoor combustion air*

Part #	Mfg #	Blower Size	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
137926	RGFG-06EMCKS	11"x7"	1/2-4-ECM	60,000	55,800	17-1/2"	127 lbs	
137927	RGFG-07EMCKS	11"x7"	1/2-4-ECM	75,000	72,000	17-1/2"	133 lbs	
137928	RGFG-09EZCMS	12"x11"	1-4-ECM	90,000	86,000	21"	158 lbs	
137930	RGFG-10EZCMS	12"x11"	1-4-ECM	105,000	100,000	21"	162 lbs	
137931	RGFG-12ERCMS	11"x10"	1-4-ECM	120,000	115,000	24-1/2"	170 lbs	

Gas Upflow-Horizontal Furnaces

92+ Residential Induced Draft Gas Furnaces - Direct or Non-Direct Vent
High Efficiency, Condensing

- *100% Fired and tested, North American low Nox*
- *Clean and quiet operation*
- *Fixed 30-second blower delay and post purge*
- *Dependable, hot surface igniter*
- *Color coded wire harness*
- *Tubular primary heat exchanger*
- *Stainless steel secondary heat exchanger*
- *90-Second fixed cooling cycle blower-off relay (TDR)*
- *Approved for direct vent furnace, Category IV venting system*
- *Variable speed blower kit*
- *Multi-speed direct drive blower*
- *LP Convertible*
- *Factory installed drain system*
- *Diagnostic light, 3 amp fuse protection*
- *Incorporates integrated control board*
- *Two-piece door design*
- *Low voltage terminal board*
- *43"H x 28"D*
- *10-Year parts & 10-year quality pledge warranty (product registration required)*
- *Limited lifetime warranty on heat exchanger (product registration required)*



10 YEAR WARRANTY

10 YEAR QUALITY PLEDGE

92+ AFUE - Upflow/Horizontal - Single-Stage - Condensing - High Efficiency - Fixed-Speed - KG7SC Series

Part #	Mfg #	Order #	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
118758	KG7SC-038D-23A	904639K	1/3 - 4 - PSC	38,000	45,000	14-1/4"	100 lbs	
118759	KG7SC-054D-24B	904640K	1/2 - 4 - PSC	54,000	49,700	17-1/2"	120 lbs	
118760	KG7SC-072D-24B	904641K	1/2 - 4 - PSC	72,000	66,000	17-1/2"	125 lbs	
118762	KG7SC-072D-35C	904642K	1/2 - 4 - PSC	72,000	66,000	21"	130 lbs	
118761	KG7SC-090D-35C	904643K	1.0 - 4 - PSC	90,000	82,800	21"	135 lbs	
118763	KG7SC-108D-45D	904644K	1.0 - 4 - PSC	108,000	99,000	24-1/2"	155 lbs	
118764	KG7SC-120D-45D	904645K	1.0 - 4 - PSC	120,000	110,400	24-1/2"	155 lbs	

Gas Upflow-Horizontal Furnaces

95+ Residential Induced Draft Gas Furnaces - Direct or Non-Direct Vent
High Efficiency, Condensing

- *100% Fired and tested, North American low Nox*
- *Clean and quiet operation*
- *Fixed 30-second blower delay and post purge*
- *Dependable, hot surface igniter*
- *Color coded wire harness*
- *Tubular primary heat exchanger*
- *Stainless steel secondary heat exchanger*
- *90-Second fixed cooling cycle blower-off relay (TDR)*
- *Approved for direct vent furnace, Category IV venting system*
- *Variable speed blower kit*
- *Multi-speed direct drive blower*
- *LP Convertible*
- *Factory installed drain system*
- *Diagnostic light, 3 amp fuse protection*
- *Incorporates integrated control board*
- *Two-piece door design*
- *Low voltage terminal board*
- *43"H x 28"D*
- *10-Year parts & 10-year quality pledge warranty (product registration required)*
- *Limited lifetime warranty on heat exchanger (product registration required)*



10 YEAR WARRANTY

10 YEAR QUALITY PLEDGE

95+ AFUE - Upflow/Horizontal - Single-Stage - Fixed-Speed - KG7SD Series

Part #	Mfg #	Order #	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
143089	KG7SD-038D-24B	904990K	1/2 - 4 - PSC	38,000	36,100	17-1/2"	100 lbs	
143091	KG7SD-054D-24B	904991K	1/2 - 4 - PSC	54,000	51,300	17-1/2"	120 lbs	
143092	KG7SD-072D-35C	904993K	1/2 - 4 - PSC	72,000	68,400	21"	130 lbs	
143093	KG7SD-090D-35C	904994K	1 - 4 - PSC	90,000	85,500	21"	135 lbs	
143094	KG7SD-108D-45D	904995K	1 - 4 - PSC	108,000	102,600	24-1/2"	155 lbs	
143095	KG7SD-120D-45D	904996K	1 - 4 - PSC	120,000	114,000	24-1/2"	155 lbs	

95+ AFUE - Upflow/Horizontal - Two-Stage - Condensing - High Efficiency - Fixed-Speed - KG7TC Series

Part #	Mfg #	Order #	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
118765	KG7TC-060D-24B	904727K	1/2 - BLDC	60,000/39,000	57,000/37,050	17-1/2"	125 lbs	
118766	KG7TC-080D-35C	904728K	3/4 - BLDC	80,000/52,000	76,000/49,400	21"	135 lbs	
118767	KG7TC-100D-35C	904729K	3/4 - BLDC	100,000/65,000	95,000/61,750	21"	145 lbs	
118768	KG7TC-120D-45D	904730K	1 - BLDC	120,000/78,000	114,000/74,100	24-1/2"	160 lbs	

Gas Upflow-Horizontal Furnaces

Residential Induced Draft Gas Furnaces

- *100% Fired and tested*
- *Clean and quiet operation*
- *Fixed 30-second blower delay and post purge*
- *Dependable, hot surface igniter*
- *Color coded wire harness*
- *Tubular primary heat exchanger*
- *90-Second fixed cooling cycle blower-off relay (TDR)*
- *Approved for Category I and III venting systems*
- *Approved for use with 3" single wall AL29-4C stainless steel vent pipe in horizontal vent applications*
- *Multi-speed direct drive blower*
- *LP convertible*
- *Diagnostic lights, 3 amp fuse protection*
- *Integrated control board*
- *Two piece door design*
- *Low voltage terminal board*
- *43"H x 27-5/8"D*
- *10-Year parts & 10-year quality pledge warranty (product registration required)*
- *Limited lifetime warranty on heat exchanger (product registration required)*



10 YEAR WARRANTY

10 YEAR QUALITY PLEDGE

80+ AFUE Upflow/Horizontal - High Efficiency - Single-Stage - Fixed-Speed - KG7SA Series

Part #	Mfg #	Order #	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
118713	KG7SA-045C-23A	904631K	1/3 - 4 - PSC	45,000	36,000	14-1/4"	100 lbs	
118715	KG7SA-054C-23A	904632K	1/3 - 4 - PSC	54,000	43,200	14-1/4"	100 lbs	
118716	KG7SA-072C-24B	904633K	1/2 - 4 - PSC	72,000	57,600	17-1/2"	110 lbs	
118718	KG7SA-072C-35C	904635K	1/2 - 4 - PSC	72,000	57,600	21"	115 lbs	
118717	KG7SA-090C-24B	904634K	1/2 - 4 - PSC	90,000	72,000	17-1/2"	115 lbs	
118719	KG7SA-090C-35C	904636K	1/2 - 4 - PSC	90,000	72,000	21"	120 lbs	
118720	KG7SA-108C-35C	904637K	3/4 - 4 - PSC	108,000	86,400	21"	125 lbs	
118721	KG7SA-126C-45D	904638K	3/4 - 4 - PSC	126,000	100,800	24-1/2"	145 lbs	

Gas Downflow-Horizontal Furnaces

92+ Residential Downflow Induced Draft Gas Furnaces - Direct or Non-Direct Vent
High Efficiency, Condensing

- *100% Fired and tested, North American low Nox*
- *Clean and quiet operation*
- *Fixed 30-second blower delay and post purge*
- *Dependable, hot surface igniter*
- *Color coded wire harness*
- *Tubular primary heat exchanger*
- *Stainless steel secondary heat exchanger*
- *90-Second fixed cooling cycle blower-off relay (TDR)*
- *Approved for direct vent furnace, Category IV venting system*
- *Variable speed blower kit*
- *Multi-speed direct drive blower*
- *LP Convertible*
- *Factory installed drain system*
- *Diagnostic light, 3 amp fuse protection*
- *Incorporates integrated control board*
- *Two-piece door design*
- *Low voltage terminal board*
- *43"H x 28"D*
- *10-Year parts & 10-year quality pledge warranty (product registration required)*
- *Limited lifetime warranty on heat exchanger (product registration required)*



10 YEAR WARRANTY

10 YEAR QUALITY PLEDGE

92+ AFUE - Downflow - Single-Stage - Condensing - High Efficiency - Fixed-Speed - KG7SC Series

Part #	Mfg #	Order #	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
118732	KG7SL-054D-24B	904651K	1/2 - 4 - PSC	54,000	49,700	17-1/2"	120 lbs	
118733	KG7SL-072D-24B	904652K	1/2 - 4 - PSC	72,000	66,000	17-1/2"	125 lbs	

Gas Downflow-Horizontal Furnaces

95+ Residential Downflow Induced Draft Gas Furnaces - Direct or Non-Direct Vent
High Efficiency, Condensing

- *100% Fired and tested, North American low Nox*
- *Clean and quiet operation*
- *Fixed 30-second blower delay and post purge*
- *Dependable, hot surface igniter*
- *Color coded wire harness*
- *Tubular primary heat exchanger*
- *Stainless steel secondary heat exchanger*
- *90-Second fixed cooling cycle blower-off relay (TDR)*
- *Approved for direct vent furnace, Category IV venting system*
- *Variable speed blower kit*
- *Multi-speed direct drive blower*
- *LP Convertible*
- *Factory installed drain system*
- *Diagnostic light, 3 amp fuse protection*
- *Incorporates integrated control board*
- *Two-piece door design*
- *Low voltage terminal board*
- *43"H x 28"D*
- *10-Year parts & 10-year quality pledge warranty (product registration required)*
- *Limited lifetime warranty on heat exchanger (product registration required)*



10 YEAR WARRANTY

10 YEAR QUALITY PLEDGE

95+ AFUE - Downflow - Two-Stage - Condensing - High Efficiency - Fixed-Speed - KG7TC Series

Part #	Mfg #	Order #	Motor HP - Speed - Type	Input BTUH	Heating Capacity BTUH	Dimensions Width	Approx Ship Wt	Price
118736	KG7TL-060D-24B	904731K	1/2 - BLDC	60,000/39,000	57,000/37,050	17-1/2"	125 lbs	
118737	KG7TL-080D-35C	904732K	3/4 - BLDC	80,000/52,000	76,000/49,400	21"	135 lbs	
118738	KG7TL-100D-35C	904733K	3/4 - BLDC	100,000/65,000	95,000/61,750	21"	145 lbs	
118739	KG7TL-120D-45D	904734K	1 - BLDC	120,000/78,000	114,000/74,100	24-1/2"	160 lbs	

LP Conversion Kits

Part #	Mfg #	Description	Price
150450	904404A	LP Kit for G7 Furnaces	
143717	905028	LP Conversion Kit	

DIVERSITECH

Concentric Venting

Concentric Vent

- *Allows both the intake for combustion air and the exhaust vent to pass through a standard roof or sidewall*
- *Kit includes:*
  - *Combustion air inlet cap*
  - *Air inlet pipe*
  - *Vent pipe*
  - *Intake/vent concentric "Y"*
  - *Installation instructions on box*



Part #	Mfg #	Description	Price
138703	CVENT-2	For Use w/2" Intake/Vent Systems	
138704	CVENT-3	For Use w/3" Intake/Vent Systems	

Gas Unit Heaters

Unit Heaters

UDAP V3® Power Vented, Low Static, Axial Fan Unit Heater

- *All sizes are approved for commercial/industrial installations*
- *Sizes 30 - 125 are approved for residential application*
- *Rise range: 50° to 60°F*
- *Tcore2® Design titanium stabilized aluminized steel heat exchanger and single burner combustion system with 1-piece burner assembly*
- *115-1-60 Supply voltage*
- *Internal overload protection*
- *Integrated circuit board with diagnostic indicator lights*
- *Fan relay*
- *Multi-try direct spark ignition with 100% lockout*
- *Full fan guard*
- *2-Stage natural or propane gas valve on sizes 60 - 400*



Part #	Mfg #	Gas Type	Input/ Output MBTUH	Efficiency	CFM	Vent Dia	Blower/ Fan Size	Dimensions H x W x D	Approx Ship Wt	Price
060544	UDAP30	NG	30/25	82%	456	4"	10"	12-1/8" x 25-5/8" x 26"	61 lbs	
060545	UDAP45	NG	45/37	83%	629	4"	10"	12-1/8" x 25-5/8" x 26"	66 lbs	
060546	UDAP60	NG	60/50	83%	769	4"	12"	15-1/8" x 25-5/8" x 27"	74 lbs	
099172	UDAP60AA2	LP	60/50	83%	769	4"	12"	15-1/8" x 25-5/8" x 27"	67 lbs	
060547	UDAP75	NG	75/62	83%	961	4"	12"	15-1/8" x 25-5/8" x 27-5/8"	79 lbs	
099171	UDAP75AA2	LP	75/62	83%	961	4"	12"	15-1/8" x 25-5/8" x 27-5/8"	79 lbs	
060548	UDAP100	NG	105/87	83%	1,345	4"	16"	23-1/8" x 25-5/8" x 28-5/8"	118 lbs	
060549	UDAP125	NG	120/100	83%	1,537	4"	16"	23-1/8" x 25-5/8" x 29-3/8"	123 lbs	
063749	UDAP150	NG	150/125	83%	1,921	5"	18"	20-1/8" x 38-3/16" x 42"	204 lbs	
063750	UDAP175	NG	175/145	83%	2,242	5"	18"	20-1/8" x 38-3/16" x 42"	219 lbs	
063751	UDAP200	NG	200/166	83%	2,562	5"	18"	20-1/8" x 38-3/16" x 42"	219 lbs	
063752	UDAP225	NG	225/187	83%	2,882	5"	18"	26-1/8" x 38-3/16" x 42"	245 lbs	
063753	UDAP250	NG	250/208	83%	3,202	5"	20"	26-1/8" x 38-3/16" x 42"	257 lbs	
063754	UDAP300	NG	300/249	83%	3,843	6"	24"	34-1/8" x 41 x 42"	321 lbs	
093423	UDAP400	NG	400/332	83%	5,123	6"	24"	34-1/8" x 41 x 42"	358 lbs	

Direct Vent Gas Fireplaces

Tahoe Deluxe Direct Vent Gas Fireplace

- *Millivolt ignition with standing pilot/Piezo*



Part #	Mfg #	Input BTUH	Gas Type	Ship Wt	Price
094560	DVD-36-FP30NG	20,000	NG	102 lbs	
094568	DVD-42-FP30NG	25,000	NG	121 lbs	

4" x 6-5/8" Direct Vent Kit

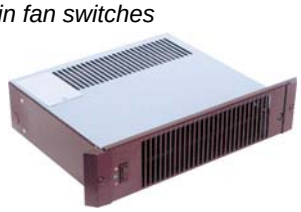
- *Includes: cap, wall thimble, collars, gear clamps, vinyl siding shield, and 4' of 4" and 7" flexible vent*

Part #	Mfg #	Description	Price
086619	DVVK-4F	DV Horiz Flexible Vent Kit	

Quiet-One 2000

Kickspace Heater

- *1-Piece chassis with removable grille manufactured from high grade zinc coated steel*
- *Headered coil made of copper tubes, tested at 300 psi and sealed for quality*
- *Integral 2-speed, max-off-min fan switches*
- *120-60-1 Power supply is required*
- *Quiet efficient operation; installer friendly*
- *Easily fits in tight spaces or hard-to-heat areas*



Part #	Mfg #	MBTUH	H x W x D	Price
122268	KS-2004	4.3	3-1/2" x 13-7/8" x 10-7/8"	
122273	KS-2008	8.9	3-13/16" x 20" x 10-7/8"	

Rinnai Boilers

Condensing Wall-Mount Boilers

12-Year Heat Exchanger Warranty, 2-Year Parts Warranty, 1-Year on Labor Warranty

- *96.1% AFUE Rated*
- *Stainless steel and DHW plate heat exchanger*
- *3-Way motorized valve allows boiler to switch between heating and DHW*
- *Energy Star® rated*



ENERGY STAR

Part #	Mfg #	Type of Gas	Input MBH	Htg MBH	Dimensions (H x W x D)	Wt	Price
143508	E110CN	NG	110,000 BTUH	101,000 BTUH	25.6" x 19.7" x 15.6"	101 lbs	
133319	Q85SN	NG	85,000 BTUH	78,000 BTUH	26.8" x 19.7" x 15.2"	110 lbs	
133322	Q130SN	NG	130,000 BTUH	119,000 BTUH	26.8" x 19.7" x 15.2"	117 lbs	
133337	Q175SN	NG	175,000 BTUH	161,000 BTUH	26.8" x 26" x 15.2"	141 lbs	
133327	Q205SN	NG	205,000 BTUH	189,000 BTUH	26.8" x 26" x 15.2"	141 lbs	

LP Conversion Kits for Boilers

Part #	Mfg #	Description	Price
143512	804000016	NG to LP Conversion Kit for E110C	
133330	804000017	NG to LP Conversion Kit for Q85S	
133331	804000018	NG to LP Conversion Kit for Q130S	
133338	804000019	NG to LP Conversion Kit for Q175S	
133333	804000020	NG to LP Conversion Kit for Q205S	
133332	804000021	NG to LP Conversion Kit for Q175C	

Weil McLain Boilers

GV90+ Series High Efficiency Cast Iron Gas Boilers

- *Insulated extended jacket*
- *Hot surface ignition system*
- *Cast iron primary heat exchanger*
- *Condensing stainless steel secondary heat exchanger*
- *Unique 7-pass heat exchanger design*
- *Vents with PVC*
- *Multiple vent options (direct vent, direct exhaust, concentric)*
- *Natural gas, easy conversion to propane (kit included)*
- *3" Minimum vent size*
- *Down-fired, counterflow boiler design*
- *Built-in dual circulator*
- *Energy Star® rated*
- *2-Year warranty on parts; 20-Year warranty on heat exchanger*



Part #	Mfg #	Boiler Model	AGA Input BTUH	AFUE	DOE Heating Capacity BTUH	Net I=B=R Rating BTUH	Chimney/Vent Size	Approx Ship Wt	Price
143723	382-200-601	GV90+4	105,000	91.2%	97,000	84,000	3"	353 lbs	

EGH Atmospheric Gas Boilers

- *Factory assembled section block*
- *Insulated extended jacket*
- *Horizontal to vertical draft hood*
- *Non-linting pilot burner*
- *Combination gas valve and regulator*
- *Aluminized steel burners*
- *40VA Transformer*
- *Built-in Air separator*
- *Combination pressure-temperature gauge*
- *Steam boilers include:*
  - *15 psi ASME Relief valve*
  - *High limit pressure control for PI with damper & PI models*
  - *Low water cut-off (electrode type)*
  - *Steam pressure gauge*
  - *Gauge cocks and glass*
  - *Siphon*



EGH Atmospheric Gas Boiler - 24 Volt Intermittent Electronic Ignition Model - Natural Gas - Steam

Part #	Mfg #	Boiler Model	CSA Input BTUH	AFUE	DOE Heating Capacity BTUH	Net I=B=R Rating BTUH	AHRI Chimney/Vent Size	Approx Ship Wt	Price
063973	EGH-85-PIN	EGH-85-PIN	315,000	82.34%	243,000	182,000	9" ID	825 lbs	
063976	EGH-105-PIN	EGH-105-PIN	405,000	82.43%	312,000	234,000	10" ID	1,005 lbs	

Weil McLain Boilers

Ultra Series 3 - Condensing High-Efficiency Gas Boilers

- *Factory tested*
- *Cast aluminum block*
- *30 psi ASME Relief valve*
- *Drain valve*
- *Stainless steel burner with woven steel fiber mesh*
- *Direct spark ignition*
- *Variable speed blower assembly*
- *Gas/air ratio venturi with air silencer*
- *Negative pressure regulation gas valve*
- *50VA Transformer*
- *Combination T&P gauge*
- *Outlet and return water temperature sensor*
- *Flue gas and outdoor temperature sensors*
- *Energy Star® rated*



Ultra 3 Series - Natural Gas

Part #	Mfg #	Boiler Model	CSA Input BTUH	AFUE	DOE Heating Capacity BTUH	Net I=B=R Rating BTUH	Min Pipe Size	Approx Ship Wt	Price
116486	383-500-700	Ultra 80	80,000	95.2%	71,000	62,000	1"	199 lbs	

Ultra 3 Series - Propane Gas

Part #	Mfg #	Boiler Model	CSA Input MBH	AFUE	DOE Heating Capacity MBH	Net I=B=R Rating MBH	Min Pipe Size	Approx Ship Wt	Price
116487	383-500-701	Ultra 80	80,000	95.2%	71,000	62,000	1"	199 lbs	

Ultra 3 Series - Natural Gas & Field Convertible to Propane Gas

Part #	Mfg #	Boiler Model	CSA Input MBH	AFUE	DOE Heating Capacity MBH	Net I=B=R Rating MBH	Min Pipe Size	Approx Ship Wt	Price
116482	383-500-702	Ultra 105	105,000	95.3%	94,000	81,000	1"	207 lbs	
116483	383-500-703	Ultra 155	155,000	95.6%	139,000	123,000	1-1/4"	234 lbs	
116484	383-500-704	Ultra 230	230,000	95.4%	207,000	183,000	1-1/4"	246 lbs	
127438	383-500-705	Ultra 310	299,000	96.4%	270,000	234,000	1-1/2"	297 lbs	
127440	383-500-706	Ultra 399	399,000	91.7%	365,000	317,000	1-1/2"	297 lbs	

Weil McLain Boilers

Ultra Commercial Condensing High-Efficiency Gas Boilers with 20 - 100% Modulation

- *Factory test report shipped with boiler*
- *Cast aluminum block*
- *CSD-1 Comes standard*
- *Manual reset low water cut-off*
- *Adjustable manual reset high limit*
- *Stainless steel burner with woven steel fiber mesh*
- *Venting with PVC or CPVC up to 100 feet*
- *Direct vent or direct exhaust capable*
- *Venturi mixing system with air silencer*
- *Variable speed motor*
- *Negative pressure regulation gas valve*
- *50VA Transformer*
- *Integrated drain in vent adapters*
- *Outlet and inlet water temperature sensors*
- *Flue gas and outdoor temperature sensors*



Part #	Mfg #	Boiler Model	CSA Input MBH	CSA Gross Output MBH	Net I=B=R Rating MBH	I=B=R Thermal Efficiency	Approx Ship Wt	Price
127626	383-600-010	550	550,000	517,000	445,000	93.9	505 lbs	
127627	383-600-011	750	750,000	702,000	605,000	93.6	550 lbs	

WM97+ Wall-Mount Gas Boilers

- *Condensing stainless steel fire tube heat exchanger design*
- *Built in boiler circulator, primary/secondary piping option, low water cutoff and expansion tank*
- *Pre-wired terminal strip*
- *Indirect-fired water heater connection*
- *Capable to vent with PVC, PP and SS up to 100'*
- *Multi-color LCD display with text*
- *3 Zone circulator control with optional domestic hot water priority*
- *5 to 1 Turndown ratio capability*
- *Includes:*
  - *Propane conversion kit*
  - *Water treatment kit*
  - *Vent termination*



Part #	Mfg #	Boiler Model	AGA Input BTUH	AFUE	DOE Heating Capacity BTUH	Net I=B=R Rating BTUH	Chimney/Vent Size	Approx Ship Wt	Price
144285	383-700-000	WM97+ 70	70,000	97%	65,000	57,000	3"	136 lbs	
144286	383-700-001	WM97+ 110	110,000	97%	101,000	88,000	3"	136 lbs	

Triangle Tube (Prestige) Boilers

Prestige Condensing Boilers

Prestige Excellence High Efficiency "Tank-in-Tank" Indirect-Fired Condensing Boiler

10-Year Limited Heat Exchanger Warranty

- *96% AFU Efficiency*
- *Abundant domestic hot water with standard mixing valve*
- *Highest water content in the industry*
- *Ideal for small zones without short cycling*
- *Self cleaning/self descaling*
- *Quiet operation*
- *Fully modulating*
- *Built-in exclusive "Tank-in-Tank"*
- *Unparalleled resistance to corrosion*
- *Less sensitive to water flow*
- *Vertical firetube design*
- *439 Grade stainless steel heat exchanger*
- *Impervious to chloride cracking*
- *Stable temperature control*
- *Low pressure drop*
- *Condensate washes combustion residue away*
- *Control panel with digital display*
- *Standard outdoor reset*
- *Direct vent/sealed combustion*



Part #	Mfg #	DOE Heat Capacity	Net IBR	MBH Input Modulation	Dimensions H x W x D	Water Volume	Gas Type	Ship Wt	Price
113080	PE110NG	99	86	30 - 110	37.2" x 24.7" x 20.8"	2.5 gal	NG	190 lbs	
113081	PE110LP	87	76	25 - 97	37.2" x 24.7" x 20.8"	2.5 gal	LP	190 lbs	

Prestige Solo Stainless Steel Wall Mount Condensing Boiler

Limited 10-Year warranty

- *95% High efficiency*
- *Quiet operation*
- *Fully modulating*
- *439 Grade stainless steel heat exchanger*
- *Digital display*
- *High temperature limit protection*
- *Low water protection*
- *Low NOx*
- *Low pressure drop*
- *Self cleaning-condensate washes residue away*
- *Outdoor temperature sensor*
- *30 psi Pressure relief valve*



Part #	Mfg #	Doe Heat Capacity MBH	Net IBR	MBH Input Modulation	Dimensions H x W x D	Water Volume	Gas Type	Ship Wt	Price
113827	SOLO-60	54	47	16 - 60	35-1/2" x 20" x 16"	2.5 gal	NG	95 lbs	
091011	SOLO-110	99	86	30 - 110	35-1/2" x 20" x 16"	2.5 gal	NG	106 lbs	
091012	SOLO-110LP	87	76	25 - 97	35-1/2" x 20" x 16"	2.5 gal	LP	106 lbs	

Triangle Tube (Prestige) Boilers

Prestige Condensing Boilers (Continued)

Prestige Solo Stainless Steel Wall Mount Condensing Boiler

Part #	Mfg #	Doe Heat Capacity MBH	Net IBR	MBH Input Modulation	Dimensions H x W x D	Water Volume	Gas Type	Ship Wt	Price
091013	SOLO-175	154	134	50 - 170	35-1/2" x 20" x 16"	4.6 gal	NG	131 lbs	
102609	SOLO-250	223	194	65 - 245	35-1/2" x 20" x 16"	4.1 gal	NG	142 lbs	
107251	SOLO-399	379	330	112 - 399	37-1/2" x 24-3/4" x 20-3/4"	7 gal	NG	200 lbs	

heatlines
Importer of Quality European Heating Products

Maxifold Manifolds



1-1/2" Stainless Steel Radiant Heating Manifold

- *Includes:*
  - *Inline valves*
  - *Adjustable flowmeters - up to 2 gpm per loop*
  - *1" Swt Manifold transitions*
  - *Mounting brackets*

Part #	Mfg #	Description	Price
144240	H-4172	For 2 Branches	
144241	H-4173	For 3 Branches	
144242	H-4174	For 4 Branches	
144243	H-4175	For 5 Branches	
144244	H-4176	For 6 Branches	
144245	H-4177	For 7 Branches	
144246	H-4178	For 8 Branches	

Stainless Steel Extension Kit with Manifold Coupler

- *Total number of loops not to exceed 14*

Part #	Mfg #	Description	Price
144247	H-4172 EXT	For 2 Additional Branches	
144248	H-4173 EXT	For 3 Additional Branches	
144249	H-4174 EXT	For 4 Additional Branches	
144250	H-4175 EXT	For 5 Additional Branches	
144251	H-4176 EXT	For 6 Additional Branches	

Maxifold Manifolds & Accessories

Accessories

Part #	Mfg #	Description	Price
144253	H-4700	1" Full-Port Ball Valves (Set)	
144252	H-4004	Caps for Unused Loops	
144259	H-4900	Thermometer	

Electrothermal Actuator (LH)

- *For heating manifolds and zone valves*

Part #	Mfg #	Description	Price
144239	H-2496	Normally Closed with End Switch, 4-Wire	

Compression Fitting (EK20 Size)

- *Use with manifolds, panel radiators, and towel warmers*

Part #	Mfg #	Description	Price
145820	H-6848	5/16" PEX	
144254	H-6849	3/8" PEX	
144255	H-6850	1/2" PEX	
144256	H-6851	5/8" PEX	
144257	H-6852	3/4" PEX	

uponor

TruFLOW™ Assembled Brass Manifolds

TruFLOW™ Assembled Without Flow/Temp Meter

- *Comes fully assembled ready for installation*
- *The TruFLOW balancing Hex Key is used on the internal balancing valves of the supply manifold to balance the loops*
- *Manifold is shipped with the appropriate number of actuator adapters (A2630028)*
- *Maximum recommended flow to the manifold based on manifold body diameter is 21 gpm*



Part #	Mfg #	Description	Price
074022	A2610200	2 Loop	
083039	A2610300	3 Loop	
074023	A2610400	4 Loop	
083429	A2610500	5 Loop	
079647	A2610600	6 Loop	
083428	A2610700	7 Loop	

TruFLOW™ Assembled Brass Manifolds (Continued)

TruFLOW™ Assembled Without Flow/Temp Meter

Part #	Mfg #	Description	Price
079648	A2610800	8 Loop	
086863	A2611200	12 Loop	

TruFLOW™ Brass Manifold Specific Accessories

TruFLOW™ Manifold Loop Thermometer

- *Comes with R20 (QS-style) female union on one end and an R20 (QS-style) male on the other*
- *Thermometer well and removable thermometer are included*



Use ONLY with Uponor TruFLOW Jr. and Classic Manifolds

Part #	Mfg #	Description	Price
081827	A2610020	TruFLOW Manifold Loop Thermometer	

TruFLOW™ Classic Flo with Temperature Meter

- *R20 Male thread to connect with R20 threaded fitting assemblies*
- *Note: For proper operation, install Flo with Temperature Meters on the return manifold*



Part #	Mfg #	Description	Price
079650	A2620027	0.37 - 2.0 gpm (Supplied on A2610000)	

TruFLOW™ Manifold Supply & Return Ball Valves with Thermometer

- *Full-flow 1-1/4" ball valves with R32 male x R32 union nut that fits directly on TruFLOW manifold*
- *Standard with a thermometer*

Use ONLY with Uponor TruFLOW Jr. and Classic Manifolds



Part #	Mfg #	Description	Price
084177	A2631250	Ball Valves Supply & Return	

Uponor (Wirsbo) Heating

Heating Manifolds

EP Heating Manifold



- *Includes isolation valve and balancing valve with flow meters*
- *Made of engineered plastic and fully assembled*
- *Body ends have R32 unions and loop outlets have R20 male threads*
- *Mounts on fully assembled bracket (A2670006)*

Part #	Mfg #	Loops	Price
120254	A2670201	2	
120255	A2670301	3	
120256	A2670401	4	
120257	A2670501	5	
120258	A2670601	6	
120259	A2670701	7	
120260	A2670801	8	

EP Heating Manifold Accessories



Part #	Mfg #	Description	Price
124454	A2671300	Actuator Adapter	

1-1/4" Brass Manifold Accessories

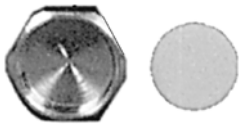
End Cap with Vent



- *For 1-1/4" brass manifolds*
- *Complete with swivel drain valve and manual air vent*
- *Required gasket included (A2403232)*

Part #	Mfg #	Description	Price
011754	A2803250	End Cap with Vent, R32	

End Cap



- *For 1-1/4" brass manifolds*
- *Required gasket included*

Part #	Mfg #	Description	Price
011753	A2080032	Basic End Cap, R32	

1-1/4" Brass Manifold Accessories (Continued)

End Cap

Part #	Mfg #	Description	Price
025646	A2080020	Loop End Cap, R20	

Manifold Accessories for TruFLOW™ and 1-1/4" Brass Manifolds

Copper Manifold Adapter



- *Use sweat adapter to transition R32 manifold union nut to 3/4", 1", and 1-1/4" copper pipe, copper fittings and valves*

Use with 1-1/4" Brass and TruFLOW Manifolds
Not compatible with TruFLOW Sr.

Part #	Mfg #	Description	Price
011764	A4143210	R32 x 3/4" or 1"	
011763	A4133210	R32 x 1" or 1-1/4"	

Manifold Threaded Adapter/Bushing



- *Manifold Adapter for brass manifold transitions the R32 manifold union nut to PEX or MultiCor tubing with QS-style fittings*

Use with 1-1/4" Brass and TruFLOW Manifolds
Not compatible with TruFLOW Sr.

Part #	Mfg #	Description	Price
011751	A2123210	R32 Male x 1" FNPT Bushing	

ProPEX® Manifold Adapter



- *Use to transition from the R32 manifold union nut to 3/4" and 1" AQUAPEX® and hePEX™plus*

Use with 1-1/4" Brass and TruFLOW Manifolds
Not compatible with TruFLOW Sr.

Part #	Mfg #	Description	Price
045201	Q4143210	R32 x 1" Straight	

Uponor (Wirsbo) Heating

Brass Manifold Pressure Test Kit

- *Includes*
  - *R32 x 3/4" Manifold bushing*
  - *R32 Solid brass plug*
  - *3/4" Brass nipple and pressure gauge assembly (100 psi)*
  - *Schraeder valve*



Use with 1-1/4" Brass and TruFLOW Manifolds
Not compatible with TruFLOW Sr.

Part #	Mfg #	Description	Price
028958	E6122000	Pressure Test Kit	

Manifold Gasket



- *Spare part*
- *For 1-1/4" manifold and manifold parts*
- *NOTE: Gaskets are not interchangeable between parts except as noted - to seal properly the correct gasket must be used*

Part #	Mfg #	Description	Price
011755	A2403232	End Cap w/Vent Gasket	

Fitting Assemblies

QS-Style Fitting Assembly

- *Compression fitting assembly with o-ring (sold separately)*
- *Connects 5/16", 1/2" and 5/8" Uponor hePEX plus and AQUAPEX tubing to all Uponor manifolds and R20 components PEX tubing to Uponor™ manifold outlets R20 components*
- *Sold as a 3-piece component*



This fitting is not compatible with TruFLOW Sr.

Part #	Mfg #	Size	Type	Price
040687	A4020313	5/16"	R20 Thread	
022644	A4020500	1/2"	R20 Thread	
022645	A4020625	5/8"	R20 Thread	

ProPEX® Fitting Assembly (PEX to Brass)

- *PEX Tubing to the brass manifolds*
- *Sold as a 2-piece assembly, it includes a ProPEX® insert and swivel nut*
- *ProPEX® tool and ProPEX® rings required (sold separately)*



This fitting is not compatible with the TruFLOW Sr.

Part #	Mfg #	Size	Type	Price
045203	Q4020500	1/2"	R20 Thread	
045204	Q4020625	5/8"	R20 Thread	

QS Fitting Assembly O-Ring

Part #	Mfg #	Description	Price
025703	A4021116	O-Ring Replacement for R20 Thread	

MultiCor Compression Fitting Assemblies (MultiCor x Brass)

- *Made of heat-treated brass, connects 1/2" and 5/8" MultiCor tubing to brass manifolds*
- *The 3/4" MultiCor Fitting Assembly has R25 threads and will not thread directly onto brass manifolds*



This fitting is not compatible with the TruFLOW Sr.

Part #	Mfg #	Size	Type	Price
069715	D4120500	1/2"	R20 Thread	

Tubing Transition Fittings

QS-Style Coupling Nipple (Thread x Thread)

- *Use coupling nipple (brass) and the appropriate fitting assembly to connect 5/16", 3/8", 1/2", 5/8" or 3/4" tubing together*



Part #	Mfg #	Description	Price
022651	A4322020	R20 x R20 Thread	

QS-style Copper Adapter (Thread x CU)

- *Use R20 or R25 adapter and appropriate QS-style fitting assembly to transition PEX tubing to 1/2" and 3/4" copper pipe*



Part #	Mfg #	Description	Price
022657	A4332050	R20 x 1/2"	
022658	A4332075	R20 x 3/4"	

Panels and Plates

Quik Trak™ Panel

- *The 1/2" plywood panels are attached to an aluminum heat transfer sheet*

Use with Uponor 5/16" hePEX plus only



Part #	Mfg #	Description	Price
040685	A5060701	7" x 48"	

Uponor (Wirsbo) Heating

Quik Trak™ Return Panel



- *Designed with a "U" groove to complete tubing turns*
- *The half-moon grooves are attached to the panels*
- *Each return panel is shipped with a separate aluminum sheet for installation beneath the panel*

Use with Uponor 5/16" hePEX plus only

Part #	Mfg #	Size	Price
040686	A5060702	7" x 48"	

Quik Trak™ Joist Trak



- *Extruded aluminum heat transfer panels*
- *Each panel is 4' long x 4" wide*
- *Comes packaged 20 per box*

Part #	Mfg #	Size	Price
066612	A5080500	1/2"	

ProPEX® Escutcheons



- *Flared sleeve*
- *Attractive cover for 1/2" AQUAPEX® tubing and ProPEX connections as they exit the wall*

Part #	Mfg #	Description	Price
118898	F5670500	White	
119669	F5650500	Chrome Plated	

Differential Pressure By-Pass Valves

- *The self-acting, automatic maintains flow rates (e.g., through a low-water content gas boiler), or controls the differential pressure in a hydronic heating system*
- *Valves come with NPT unions*

Part #	Mfg #	Size	Price
075522	A5411000	1"	

Installation Aids

PVC Plastic Bend Support



- *Provides rigid 90° bend for 1/2", 5/8", 3/4" and 1" Uponor PEX exiting a concrete slab*

Part #	Mfg #	Size	Price
023227	A5500500	1/2"	
023195	A5500625	5/8"	
023228	A5500750	3/4"	
040374	A5501000	1"	

Metal Bend Support



- *Zinc-plated*
- *Provides rigid 90° bend for 1/2", 5/8" and 3/4" nominal PEX tubing products*

Part #	Mfg #	Size	Price
027955	A5110500	1/2"	
011777	A5110625	5/8"	
022596	A5110750	3/4"	

PEX Clip - Plastic



- *Enhanced Uponor PEX clips provide better holding power and can be attached together laterally for tight installations*
- *PEX Clips are attached under the wood subfloor for joist-heating applications*
- *Clips prevent tubing from coming in direct contact with subfloor*
- *Drywall screws are commonly used to secure the clips to the wood subfloor*

Part #	Mfg #	Size	Price
028881	F7051258	1/2" & 5/8"	
137214	F7057500	3/4"	
137215	F7051001	1"	

Fixing Wire



- *6" Galvanized steel tie used to secure PEX tubing products to wire mesh or rebar*
- *Use with fixing wire twister or auto fixing wire twister (ratchet style)*

Part #	Mfg #	Description	Price
011770	A7031000	Fixing Wire, 1000 per Bundle	

Uponor (Wirsbo) Heating

Quik Trak™ Sealant

- *100% Silicone*
- *Used to adhere tubing in groove and provide good thermal transfer*



Part #	Mfg #	Size	Price
040690	E6050010	10.3 fl oz	

Foam Staple

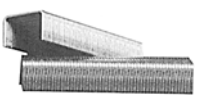
- *For use with E6025075 manual stapler*
- *Plastic foam staple used to secure 1/2", and 5/8" PEX to rigid insulation*
- *Use part A7015050 for 1" foam and part A7015075 for 1-1/2" or thicker foam*



Part #	Mfg #	Size	Price
040682	A7015050	1-1/2"	
033641	A7015075	2-1/2"	

Metal Tubing Staple

- *Use 5/8" staple to secure aluminum plates to furring strips or subfloors*
- *Use 1-1/4" staples in staple-down installations to secure 1/2" and 5/8" Uponor PEX to wood subfloors*



Part #	Mfg #	Size	Pkg Qty	Price
023417	A7011250	1-1/4"	10,000/Box	

PEX Tubing Cutter



Part #	Mfg #	Description	Price
011750	E6081125	Metal Tube Cutter Cuts to 1" PEX	
083129	E6081128	Plastic Tube Cutter Cuts to 1" PEX (3/4")	

Tube Uncoiler

- *Facilitates uncoiling of up to 1" PEX tubing*
- *Simplifies installation and reduces labor*
- *Weighted arms hold tubing in place while uncoiling*
- *Eyelet keeps tubing from tangling*
- *Base is collapsible*
- *No additional hardware needed to attach arms*
- *Easy to assemble*
- *Upon assembly, guide pin must be moved on the swivel guide arm in order to keep it in place*



Part #	Mfg #	Description	Price
035147	E6061000	Tube Uncoiler	

Zoning Controls - Radiant Heating

Uponor Thermal Actuator

- *Slow-opening Thermal Actuator (24VAC) mounts directly onto 1-1/4" brass and TruFLOW valved manifolds*
- *Provides individual loop flow control on a multi-zoned manifold (manifold serving more than one zone)*
- *The 4-wire Thermal Actuator includes end switch for activation of relay (pump), heat plant or other auxiliary devices*
- *Do not mount actuators upside down*



Part #	Mfg #	Description	Price
066610	A3010522	4-Wire Thermal Actuator	

Motorized Valve Actuator (MVA)

- *24VAC Quick-opening motorized valve head mounts directly onto TruFLOW Valved Manifolds*
- *The open/close indicator allows for easy visual inspection*
- *Provides individual flow control on a multi-zoned manifold (manifold serving more than one zone)*
- *Includes end switch for activation of relay (pump), heat plant or other auxiliary devices*
- *Do not mount actuators upside down*



Note: The MVA is not compatible with the Uponor Genius™ control system

Part #	Mfg #	Description	Price
026818	A3020522	4-Wire MVA	

Uponor (Wirsbo) Heating

Uponor SetPoint Thermostat

- *Comfort controllers*
- *Early start features for recovery from setback*
- *Override feature for periods of extended absence*
- *Attractive sleek design*



Part #	Mfg #	Description	Price
067076	A3041501	501s, 1-Stg, Floor Sensor	

Pump Relay

- *Single-zone relay includes secondary low-voltage terminals for boiler operation*
- *Three-zone relay includes secondary low-voltage terminals for boiler operation and DHW priority options*



Part #	Mfg #	Description	Price
041378	A3080301	24V 3-Zone Multi Pump Relay	

THERMOLEC

Electric Stand Alone, Modulating Boilers

Standard Features:



- *Mechanical:*
  - *Heavy-duty, fully insulated heat generator*
  - *Low-watt density Incoloy elements*
  - *Easy access for installation and maintenance*
  - *Approved for zero clearance to combustible materials*
  - *Pressure relief valve*
  - *Temperature and pressure gauge*
- *Electrical:*
  - *Convenient plug-in electronic board controls all automatic functions*
  - *Pre-wired elements electronically controlled for full modulation*
  - *Quiet magnetic relays for heating elements and pump*
  - *High-limit thermal protection*
  - *Adjustable electronic hot water aqua-stat with wide range to suit all applications (80°F to 180°F)*
  - *Outdoor reset control saves energy and improves comfort*
- *FFB Electric Boiler has the above features plus:*
  - *Built-in, 2-position, dual fuel control switch allows manual selection of gas/oil or electric*
  - *Magnetic, diverting valve relay to divert from electric to fossil fuel back-up boiler*
- *10-Year warranty on heat generator and Incoloy elements*

Part #	Mfg #	kW	Output BTUH	Total Amps	Breaker Size	Dimensions H x W x D	Weight	Price
121876	B-8U-FFB	8kW	27,296	33.33A	1 x 50A	18" x 18" x 9-1/2"	33 lbs	
121881	B-15U-FFB	15kW	51,180	62.50A	1 x 60A/1 x 30A	18" x 18" x 9-1/2"	37 lbs	
121883	B-20U-FFB	20kW	68,240	83.37A	2 x 60A	18" x 18" x 9-1/2"	42 lbs	

Thermolec Boilers

Electric Stand Alone, Modulating Boilers (Continued)

Part #	Mfg #	kW	Output BTUH	Total Amps	Breaker Size	Dimensions H x W x D	Weight	Price
121884	B-23U-FFB	23kW	78,476	95.83A	2 x 60A	18" x 18" x 9-1/2"	42 lbs	
121886	B-30U-FFB	30kW	102,360	125.00A	3 x 60A	28" x 18" x 9-1/2"	59 lbs	
121888	B-40U-FFB	40kW	136,480	166.67A	4 x 60A	28" x 18" x 9-1/2"	62 lbs	

High Performance Electric Boilers

- *Single or multiple-zone applications*
- *Requires no venting*
- *Sturdy aluminum case*
- *Stainless steel tank*
- *Compact and light weight design*
- *Aquastat control: adjustable supply water temperature range up to 190°F*
- *Full modulation for precise BTUH demand output*
- *Thermostat or zone valve end switch connections*
- *Pump switching relay*
- *Load management control connections*
- *Outdoor reset control*
- *Built-in circuit breaker*
- *Pressure relief valve: 30 psi*
- *Temperature and pressure gauge*
- *CSA Listed*



Part #	Mfg #	kW	Output BTUH	Total Amps	Breaker Size	Dimensions H x W x D	Weight	Price
135153	B-6TMB	6kW	20,472	25.00A	1 x 40A	18" x 13" x 8-7/8"	23 lbs	
135156	B-11TMB	11kW	37,532	45.80A	1 x 60A	18" x 13" x 8-7/8"	27 lbs	

All boiler specifications @ 240V / 1-phase

Uponor (Wirsbo) Heating

Radiant Heat Tools

Foamboard Stapler



- *Operate from standing position*
- *Ergonomic D-grip handle*
- *Solid 1-piece magazine*
- *Leaf spring controlled stop automatically adjusts to set up staple and guide it through the fastening mechanism*

Part #	Mfg #	Description	Price
101994	FBSN	37" Height	

Foamboard Staple



- *Extra sharp multi-barbed*
- *1-1/2" Staples for 1" foamboard*
- *2-1/2" Staples for 2" foamboard*

Part #	Mfg #	Description	Price
114593	FBSN1	1-1/2" Staples, 200/Pk	
101995	FBSN2	2-1/2" Staples, 200/Pk	

WattsRadiant Floor Heating & Snowmelting

Stainless Steel Manifolds

- *Sold in pairs, mounted to metal bracket*
- *SS-T20 style fittings are compatible with Stainless Steel manifolds*

1" Stainless Steel Flowmeter Manifold



D380300SS

Part #	Mfg #	Order #	Size	Price
114949	D3803008SS	81001985	M-8	
139848	D3803009SS	81003687	M-9	
139847	D3803012SS	81001987	M-12	

Manifold Accessories

Stainless Steel Manifold ISO BV Accessory Kit

- *Includes:*
  - *(1) Vent and purge assembly*
  - *(1) Manifold end cap*
  - *(2) FNPT Trunk isolation ball valves*
  - *Manifold adapters*
  - *Neoprene and fiber gaskets*
- *Order Onix, Crimp or compression fittings separately*



Part #	Mfg #	Order #	Size	Price
114165	DK1000	81003736	1"	

Valve Actuator



- *For automatic circuit control*
- *Optional feature for mounting directly to the balancing manifold*
- *Incorporates an indicator window that allows you to visually determine whether the valve is fully open or closed*
- *Provides on/off flow control to individual radiant circuits*
- *Flow can be balanced prior to installing by turning the adjustment valve under the blue cap*
- *Actuator is 24VAC with four wires to connect to the thermostat and circulating pump*

Part #	Mfg #	Order #	Voltage	Price
127878	PZ656104	81001541	24V	

PEX Compression Fittings

SST20 PEX Compression Fitting

- *PEX Compression x SST20 Swivel BSP*
- *For connecting:*
  - *PEX to stainless steel manifolds*
  - *Custom tubular T20 compression manifolds*
  - *3/4" Male BSP x male sweat fittings*
- *Includes:*
  - *Insert fitting*
  - *Compression sleeve*
  - *BSP threaded nut*



Part #	Mfg #	Order #	Size	Price
114166	PX690002-10	81005168	1/2" x 3/4"	
117479	PX690003-10	81005170	5/8" x 3/4"	

Baseboard Radiation

Therma Trim Hydronic Baseboards

Therma Trim Baseboard Enclosure

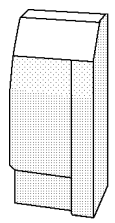


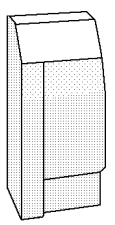
Part #	Mfg #	Description	Price
135109	611-111-005	2' Baseboard Enclosure with 3/4" Element	
135112	611-111-010	3' Baseboard Enclosure with 3/4" Element	
135113	611-111-015	4' Baseboard Enclosure with 3/4" Element	
135114	611-111-020	5' Baseboard Enclosure with 3/4" Element	
135115	611-111-025	6' Baseboard Enclosure with 3/4" Element	
135116	611-111-030	7' Baseboard Enclosure with 3/4" Element	
135117	611-111-035	8' Baseboard Enclosure with 3/4" Element	
135126	611-311-075	2' Baseboard Enclosure	
135127	611-311-080	3' Baseboard Enclosure	
135128	611-311-085	4' Baseboard Enclosure	
135129	611-311-090	5' Baseboard Enclosure	
135130	611-311-095	6' Baseboard Enclosure	
135131	611-311-100	7' Baseboard Enclosure	
135132	611-311-105	8' Baseboard Enclosure	

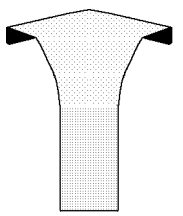
Therma Trim Baseboard Heating Element

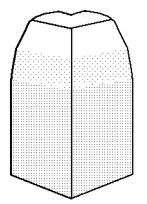
Part #	Mfg #	Description	Price
135118	611-211-040	2' Baseboard 3/4" Heating Element	
135120	611-211-050	4' Baseboard 3/4" Heating Element	
135122	611-211-055	5' Baseboard 3/4" Heating Element	
135123	611-211-060	6' Baseboard 3/4" Heating Element	
135124	611-211-065	7' Baseboard 3/4" Heating Element	
135125	611-211-070	8' Baseboard 3/4" Heating Element	

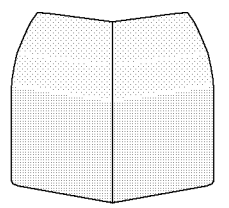
Therma Trim Baseboard Accessories

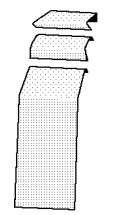

RH End Cap

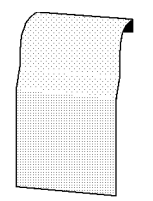

LH End Cap


IC/WL


OC/WL


OC35B/WL


SS20/WL


FSS40/WL

Part #	Mfg #	Description	Price
135135	611-411-145	4" Baseboard LH End Cap w/Hinge	
135136	611-411-150	4" Baseboard RH End Cap w/Hinge	
135137	611-411-155	2" Baseboard LH End Cap	
135138	611-411-160	2" Baseboard RH End Cap	
135139	611-411-185	2" Baseboard Full Front Splice	
135140	611-411-190	90° Inside Corner	
135141	611-411-195	90° Outside Corner	
135142	611-411-205	135° Outside Bay Corner	
135143	611-411-210	135° Inside Bay Corner	
135144	611-411-225	Support Bracket with Pivot	
047845	611-490-226	Baseboard Supply Tube Hanger	

Antifreeze & Other Chemicals

Harvey Heat Antifreeze


016850


016880


016905

Part #	Mfg #	Description	Price
072358	16750	Harvey Heat -100A, 1 gal	
072361	16760	Harvey Heat -100A, 5 gal	
007733	16850	Harvey Heat -100, 1 gal	
019596	16860	Harvey Heat -100, 5 gal	
021756	16870	Harvey Heat -100, 55 gal	
136190	016880	Harvey Heat RV, 1 gal	
108988	16900	Harvey Heat, Arctic Grade, 55 gal	
069501	016905	Harvey Heat, Arctic Grade, 5 gal	
069500	016910	Harvey Heat, Arctic Grade, 1 gal	

Rhomar Water Management, Inc.

Boiler Additives

Pro-Tek™ 922 - Hydronic Hot Water Closed-Loop Treatment

- *Concentrated corrosion and scale inhibitor treatment specially formulated for hot water, closed-loop heating systems*
- *Prevents scale and corrosion on aluminum, copper, iron, brass and stainless steel*
- *Compatible with standard flexible tubing such as PEX and ONIX used in hydronic installations*
- *Helps control pH & removes oxygen*
- *Does not contain nitrite*
- *Non-hazardous*



Part #	Mfg #	Size	Price
137022	922-1	1 gal	

RhoGard™ Ultra Concentrated Antifreeze

- *Aluminum safe and multi-metal antifreeze*
- *Hydronic and solar system fluid*
- *Freeze and corrosion protection fluid*
- *Concentrated Propylene Glycol plus multi-metal corrosion inhibitors*
- *Protects aluminum, cast iron, copper and steel*
- *Helps keep heat-exchange surfaces clean*
- *Helps keep efficiency high*
- *Non-hazardous*
- *Burst protection to -100°F*
- *Environmentally friendly*
- *Prevents corrosion*



Part #	Mfg #	Size	Price
137009	RHOGARDULTRA5	5 gal	

Hydro-Solv™ 9100 Hydronic System Cleaner

- *Removes bacteria, scale and corrosion*
- *Cleans aluminum, brass, copper, iron and steel*
- *Non-hazardous*



Part #	Mfg #	Size	Price
137020	HYDRO-SOLV 9100	1 gal	

EnviroGard™ Ultra Heat HD Transfer Fluid

- *All ingredients are listed by the USDA and FDA as (GRAS) "Generally Recognized as Safe".*
- *Approved by Department of Natural Resources and Department of Health for use in Geothermal Systems*
- *Concentrated for maximum economy*
- *Protects cast iron, copper and steel*
- *Provides freeze, corrosion and scale protection*
- *Helps keep heat-exchange surfaces clean*
- *Helps keep efficiency high*
- *Non-hazardous and non-toxic*
- *Burst protection to -100°F*
- *Environmentally friendly*

Part #	Mfg #	Size	Price
137478	ENVIROGARD ULTRAHD55	55 gal	

Antifreeze & Other Chemicals

Gunk® Boiler Products

Rust Raider®



- *Protect entire system*
- *Turns boiler water blue indicating safe conditions*
- *Water changes color when additional chemical is need*

Part #	Mfg #	Size	Price
008855	B5-34	1 gal	
008856	B5-40	5 gal	

Silver King Manufacturing Co.

Boiler Additives

Safe Liquid Boiler Stop Leak



- *Forms a water insoluble seal*
- *Safe to use in all boilers*
- *Contains no petroleum or hazardous components*
- *Will not sludge or clog*
- *Will not surge*
- *Compatible with propylene glycol and ethylene glycol anti-freeze*

Part #	Mfg #	Description	Price
010085	STOPLEAK	1 qt Can	

Squick Boiler Cleaner/Inhibitor with Anti-Foam Silicone SK-24



- *Cleans and protects steam boilers by a patented absorption/precipitation process*
- *Absorbs grease oil, rust, dissolved and suspended solids*
- *Prevents formation of insulating scale and crystallizing solids*
- *Prevents corrosion, protects metal surfaces*
- *Neutralizes free oxygen*
- *Prevents foaming, surging or priming*
- *Maximizes heat transfer*
- *Safe to use in all boilers - contains no petroleum or hazardous components*
- *No draining, no blow down required*

Part #	Mfg #	Description	Price
010084	SKSQU	5 oz Squick Boiler Cleaner	

#5 Hydronic Formula Cleaner/Inhibitor with Silicon SK-24



- *Cleans and protects boilers and hydronic systems*
- *Prevents formulation of insulating scale on heat transfer surfaces*
- *Keeps dissolved solids in solution*
- *Frees and lubricates stuck zone values*
- *Dissolves insulating sludge on tankless coils*
- *Prevents corrosion*
- *Protects and lubricates pump seals and quiets noisy circulators*
- *Insures maximum heat transfer*
- *Safe for all boilers - contains no petroleum or hazardous components*
- *Compatible with both ethylene glycol and propylene glycol antifreeze*

Part #	Mfg #	Description	Price
010087	HF-5	1 qt	

HERCULES

Anti-Freeze

Cryo-Tek™ Original



- *Blend of 45% virgin propylene glycol and the triple protection inhibitor package*
- *Use in systems fabricated with metal, plastics (except CPVC) and rubber pipping, fittings, seals, and other parts*

Part #	Mfg #	Size	Price
161803	35260	5 gal	

Antifreeze & Other Chemicals

Cryo-Tek™ 100 Antifreeze

- *Contains virgin (not recycled) propylene glycol with triple protection corrosion inhibitor*
- *Pre-mixed, ready-to-use formulation*
- *Pink liquid*



Part #	Mfg #	Size	Price
144415	35284	5 gal	

Circulator Pumps

UP Circulator Pumps - Closed Systems

- *Wet rotor, single-stage, direct drive centrifugal pumps designed for domestic and light commercial applications*
- *Built-in motor protection*
- *Quiet, maintenance-free performance*
- *Flushed bearing design*
- *60Hz*
- *Maximum working pressure: 145 psi*
- *Minimum fluid temperature: 36°F (unless noted)*
- *2-Pole motor, single-phase*
- *3-Year warranty*

UP 15-42F Brute II® Cast Iron Circulator Pump



- *Cast iron construction*
- *For residential and light commercial applications*
- *Flange: (2) 1/2" diameter bolt holes*
- *Flow range: 0 to 17 gpm*
- *Head range: 0 to 15'*
- *1/2 hp*

Part #	Mfg #	Amps	Volts	Capacitor	Price
004957	UP 15-42 F	0.74A	115V	10µF/180V	

UPS 15-58FC/FRC (3-Speed Motor) SuperBrute Cast Iron Circulator Pump



- *Fits most standard hydronic applications*
- *Cast iron construction*
- *Includes removable check valve*
- *Flange - (2) 1/2" diameter bolt holes*
- *Flow range: 0 to 17 gpm*
- *Head range: 0 to 19.5'*
- *Minimum liquid temperature: 36°F*
- *Maximum liquid temperature: 230°F*
- *1/25 hp*

Part #	Mfg #	Amps	Volts	Capacitor	Price
076106	UPS 15-58 FC	0.55-0.75A	115V	10µF/180V	
118361	UPS 15-58 FRC	*0.55-.075A	115V	10µF/180V	

*** Reversing**

UP 26-64F Cast Iron Circulator Pump



- *Cast iron construction*
- *Flange: (2) 1/2" diameter bolt holes*
- *Flow range: 0 to 32 gpm*
- *Head range: 0 to 24.5'*
- *1/12 hp*

Part #	Mfg #	Amps	Volts	Capacitor	Price
004960	UP 26-64 F	1.7A Less Flanges	115V	8µF/180V	

UPS 26-99FC (3-Speed Motor) SuperBrute Cast Iron Circulator Pump



- *Cast iron construction*
- *Includes removable check valve*
- *Flange: (2) 1/2" diameter bolt holes*
- *Flow range: 0 to 33 gpm*
- *Head range: 0 to 29'*
- *Minimum liquid temperature: 36°F*
- *Maximum liquid temperature: 230°F*
- *1/6 hp*

Part #	Mfg #	Amps	Volts	Capacitor	Price
098645	UPS 26-99 FC	1.3-1.8A	115V	20µF/180V	
106130	UPS 26-99 FC	1.3-1.8A	230V	20µF/180V	

UP 26-99F Cast Iron Circulator Pump



- *Cast iron construction*
- *Flange: (2) 1/2" diameter bolt holes*
- *Flow range: 0 to 34 gpm*
- *Head range: 0 to 32'*
- *Minimum liquid temperature: 32°F*
- *Maximum liquid temperature: 230°F*
- *1/6 hp*

Part #	Mfg #	Amps	Volts	Capacitor	Price
004963	UP 26-99 F	2.15A	115V	10µF/380V	
004962	UP 26-99 F	2.15A Less Flanges	115V	10µF/380V	
059847	UP 26-99 F	1.07A	230V	2.5µF/180V	

Circulator Pumps

UP 26-116F Cast Iron Circulator Pump

- *Cast iron construction*
- *Flange: (2) 1/2" diameter bolt holes*
- *Flow range: 0 to 37 gpm*
- *Head range: 0 to 37'*
- *Minimum liquid temperature: 32°F*
- *Maximum liquid temperature: 150°F*
- *1/6 hp*



Part #	Mfg #	Amps	Volts	Capacitor	Price
079629	UP 26-116 F	1.75A	230V	2.5µF/380V	

UPS 43-44FC (3-Speed Motor) SuperBrute Cast Iron Circulator Pump

- *Cast iron construction*
- *For applications requiring higher head*
- *Includes removable check valve*
- *2-Pole, single-phase*
- *Flange: (2) 1/2" diameter bolt holes*
- *Flow range: 0 to 63 gpm*
- *Head range: 0 to 14'*
- *Minimum liquid temperature: 32°F*
- *Maximum liquid temperature: 230°F*
- *Maximum system pressure: 145 psi*
- *1/6 hp*



Part #	Mfg #	Amps	Volts	Capacitor	Price
098646	UPS 43-44 FC	1.4-1.8A	115V	20µF/180V	

UP 43-75F Cast Iron Circulator Pump

- *Cast iron construction*
- *Flange: (2) 1/2" diameter bolt holes*
- *Flow range: 0 to 41 gpm*
- *Head range: 0 to 25'*
- *1/6 hp*



Part #	Mfg #	Amps	Volts	Capacitor	Price
004964	UP 43-75 F	2.15A	115V	10µF/180V	

UPS 26-150F (3-Speed Motor) SuperBrute Cast Iron Circulator Pump

- *Cast iron construction*
- *Flow range: 0 to 53 gpm*
- *Head range: 0 to 46'*
- *Flange: (2) 1/2" diameter bolt holes*
- *2-Pole, single-phase*
- *Minimum liquid temperature: 36°F*
- *Maximum liquid temperature: 230°F*
- *Maximum system pressure: 145 psi*
- *1/6 hp*



Part #	Mfg #	Amps	Volts	Capacitor	Price
130966	UPS 26-150 F	2.5-3.5A	115V	40µF/180V	

UPS 43-100F (3-Speed Motor) SuperBrute Cast Iron Circulator Pump

- *Flow range: 0 to 65 gpm*
- *Head range: 0 to 31'*
- *Flange: (2) 1/2" diameter bolt holes*
- *2-Pole, single-phase*
- *Minimum liquid temperature: 36°F*
- *Maximum liquid temperature: 230°F*
- *Maximum system pressure: 145 psi*
- *1/6 hp*



Part #	Mfg #	Amps	Volts	Capacitor	Price
130968	UPS 43-100 F	3.5A	115V	40µF/180V	

Series UP Comfort Recirculation Pump

UP 10-16B5 Hot Water Recirculation Pump

- *Specifically designed for heating systems*
- *Flow range: 0 to 3.5 gpm*
- *Head range: 1 to 5.4'*
- *Minimum fluid temperature: 36°F*
- *Maximum fluid temperature: 203°F*
- *Maximum working pressure: 145 psi*
- *Features:*
  - *LC = Line cord*
  - *TLC - Timer and line cord*
  - *ATLC = Aquastat, timer, line cord*
  - *BU ATLC = Aquastat, timer, line cord, check valve and isolation valve*



Part #	Mfg #	Connection	Price
057808	UP 10-16 BU/ATLC	1-1/4" Union	

Circulator Pumps

UP Comfort Series Recirculation Kit

- *Includes:*
  - *(1) Pump*
  - *(1) Valve*
  - *(2) 1/2" FNPS x 1/2" FNPS x 12" Stainless steel flex hoses*



Part #	Mfg #	Description	Price
061116	595916	Recirculation Kit	

UP Circulator Pumps - Open Systems

- *Wet rotor, single-stage, direct drive centrifugal pumps designed for domestic & light commercial applications*
- *For open systems 140°F is maximum recommended fluid temp to avoid precipitation of calcium in water*
- *Built-in motor protection*
- *Quiet, maintenance-free performance*
- *Flushed bearing design*
- *60Hz*
- *2-Pole, single-phase*

UP 15-10B5 Circulator Pump

- *Brass, lead-free housing*
- *115V, 0.22A, 25W, 1/25 hp*
- *Capacitor: 2µF/400V*



Part #	Mfg #	Connection	Price
039691	UP 15-10 B5	1/2" Sweat	
040255	UP 15-10 B7	3/4" Sweat	

UP 15-42B5 Bronze Circulator Pump

- *Bronze construction*
- *1/2" Sweat connection*
- *UP15-42B5 Includes line cord*
- *LC/TLC Models have 6'3" power cord*
- *1/25 hp*



Part #	Mfg #	Amps	Volts	Capacitor	Price
023051	UP 15-42 B5	0.74A	115V	10µF/180V	

UPS 15-55SFC (3-Speed Motor) SuperBrute Stainless Circulator Pump

- *Stainless construction*
- *Flange: (2) 1/2" diameter bolt holes*
- *Includes removable check valve*
- *Flow rate: 0 to 25 gpm*
- *Head range: 0 to 18'*
- *2-Pole, single-phase*
- *Minimum liquid temperature: 36°F*
- *Maximum liquid temperature: 230°F*
- *Maximum system pressure: 145 psi*
- *0.12 hp*



Part #	Mfg #	Amps	Volts	Capacitor	Price
110243	UPS 15-55 SFC	.53-.75A	115V	10µF/180V	

UP 26-96BF Bronze Circulator Pump

- *Bronze construction*
- *Flange: (2) 1/2" diameter bolt holes*
- *Flow range: 0 to 28 gpm*
- *Head range: 0 to 30'*
- *1/12 hp*



Part #	Mfg #	Amps	Volts	Capacitor	Price
004961	UP 26-96 BF	1.7A	115V	110µF/180V	

UPS 26-99BFC (3-Speed Motor) SuperBrute Bronze Circulator Pump

- *Bronze construction*
- *Flange: (2) 1/2" diameter bolt holes*
- *Includes removable check valve*
- *Flow range: 0 to 33 gpm*
- *Head range: 0 to 29'*
- *Minimum liquid temperature: 36°F*
- *Maximum liquid temperature: 230°F*
- *Maximum system temperature: 145 psi*
- *1/6 hp*



Part #	Mfg #	Amps	Volts	Capacitor	Price
109851	UPS 26-99 BFC	1.3-1.8A	115V	20µF/180V	

Circulator Pumps

UP 26-116BF Bronze Circulator Pump



- *Cast iron construction*
- *Flange: (2) 1/2" diameter bolt holes*
- *Flow range: 0 to 37 gpm*
- *Head range: 0 to 37'*
- *Minimum liquid temperature: 32°F*
- *Maximum liquid temperature: 150°F*
- *1/6 hp*

Part #	Mfg #	Amps	Volts	Capacitor	Price
099263	UP 26-116 BF	1.75A	115V	2.5µF/380V	

UP 15-29SF Stainless Circulator Pump



- *Stainless steel construction*
- *Flange pipe connection*
- *Flow range: 0 to 20.5 gpm*
- *Head range: 0 to 9.7'*
- *Maximum fluid temperature: 230°F*
- *0.12 hp*

Part #	Mfg #	Amps	Volts	Capacitor	Price
109850	UP 15-29 SF	0.75A	115V	10µF/180V	

UP 15-29SU Stainless Circulator Pump

- *Stainless steel construction*
- *1/4" Union pipe connection*
- *Flow range: 0 to 20.5 gpm*
- *Head range: 0 to 9.7'*
- *Maximum fluid temperature: 230°F*
- *T Suffix: timer*
- *LC Suffix: 6', 3-prong line cord*
- *0.12 hp*

Part #	Mfg #	Amps	Volts	Capacitor	Price
114552	UP 15-29 SUC/TLC	0.75A	115V	10µF/180V	

UPS 15-35SFC (3-Speed Motor) Super Brute Stainless Circulator Pump



- *Stainless steel construction*
- *Flange pipe connection*
- *Capacitor: 10µF/180V*
- *Flow range: 0 to 21.5 gpm*
- *Head range: 0 to 12'*
- *2-Pole, single-phase*
- *Minimum liquid temperature: 36°F*
- *Maximum liquid temperature: 165°F*
- *Maximum system pressure: 145 psi*
- *Removable check valve*
- *1/3 hp*

Part #	Mfg #	Amps	Volts	Price
110113	UPS 15-35 SFC	0.06-0.95A	115V	

UP 43-75BF Bronze Circulator Pump



- *Bronze construction*
- *Flange: (2) 1/2" diameter bolt holes*
- *Flow range: 0 to 41 gpm*
- *Head range: 0 to 25'*
- *1/6 hp*

Part #	Mfg #	Amps	Volts	Capacitor	Price
026604	UP 43-75 BF	2.15A	115V	10µF/180V	

Comfort Hot Water Recirculation Solutions - Retrofit



- *Stainless steel construction*
- *No return line required*
- *Installs in less than one hour*
- *No electricity needed under sink*
- *Uses less energy than 25-watt light bulb*
- *Can save up to 16,000 gallons of water per year*
- *Flow range: 0 to 6.3 gpm*
- *Head range: 0 to 5.1'*
- *Minimum liquid temperature: 36°F*
- *Maximum liquid temperature: 150°F*
- *Maximum system pressure: 145 psi*

Part #	Mfg #	Description	Price
061115	595926	Comfort Valve	

Circulator Pumps

ALPHA™ Energy-Efficient Circulator Pumps

- *AUTOAdapt™ measures system changes automatically and maximizes energy savings*
- *LED Display shows flow indication and power consumption*
- *Plugs connections; no wiring required*
- *Motor: 1X115V*
- *115V, 0.65A, 5 to 45W, 1/16 hp*
- *Flow range: 0 to 21 gpm*
- *Head range: 0 to 19'*
- *Maximum working pressure: 150 psi*
- *Minimum fluid temperature: 36°F*
- *Maximum fluid temperature: 230°F*


ALPHA 15-55F


ALPHA 15-55SF

Closed System

- *Cast iron construction*

Part #	Mfg #	Connection	Price
125022	ALPHA 15-55 F/LC	GF 15/26 Flange & Line Cord, (2) 1/2" Diameter Bolt Holes	

VersaFlo® Circulator Pumps

VersaFlo® UPS32 - Cast Iron - 3-Speed

- *Flanges: 2-Bolt with (2) 1/2" diameter hole*
- *Flow range: 9 to 78 gpm*
- *Head range: 1 to 46'*
- *Maximum working pressure: 145 psi*
- *Maximum fluid temperature: 140°F*



Part #	Mfg #	Motor Poles	HP	Volts	Price
048821	UPS 32-80/2	2-Pole	1/2	115V	

VersaFlo® UPS50 - Cast Iron - 3-Speed

- *Flanges: 2", 4-bolt with (4) 9/16" diameter holes (non-ANSI)*
- *Flow range: 20 to 180 gpm*
- *Head range: 1 to 62'*
- *Maximum working pressure: 145 psi*
- *Maximum fluid temperature: 140°F*



Part #	Mfg #	Motor Poles	HP	Volts	Price
031312	UPS 50-80/4	2-Pole	3/4	115V	

Flange Sets

Flange Set for Stainless Steel Body Union Mount Pumps

UP15-18SU - UP15-42SU - UP25-64SU

Bronze Half Union Set



Part #	Mfg #	Description	Price
058001	529913	1/2" Sweat Half Union	
058000	529911	3/4" Sweat Half Union	

Flanges for Stainless Steel or Bronze Body Flange Mount Pumps

- *For use with UM15-18SF, UP15-42SF, UP25-64SF, UP26-96BF, UP26-99BF, & UP43-75BF pumps*

Bronze Threaded Valve Set



Part #	Mfg #	Description	Price
004999	519651	3/4" Threaded	
005000	519652	1" Threaded	
034876	539615	1-1/2" Threaded for UP43-75BF	

Flange for Cast Iron Body Flange Mount Pumps

- *Includes:*
  - *(2) Flanges*
  - *(2) Gaskets*
  - *(8) Nuts and bolts*

Cast Iron Threaded Flange Set



Part #	Mfg #	Description	Price
004995	519601	3/4" Threaded	
004996	519602	1" Threaded	
004997	519603	1-1/4" Threaded	
004998	519604	1-1/2" Threaded	
005005	539605	1-1/2" Threaded for UP43-75F	
084839	96409354	2" Threaded	

Circulator Pumps

Timer Control



- *24-Hour programmable clock/timer*
- *For use with single speed, series UP circulators*

Part #	Mfg #	Description	Price
091576	59-9388	115V Timer Control	

Grundfos® Parts

Part #	Mfg #	Description	Price
051161	GR510231	Full Faced Bolt Hole Style Flange/Gasket	
084284	510179	Gasket F/ UP/UPS/TP Flange Donut	
090178	530244	Gasket for 1-1/2" Flange	
045258	595444	3/4" Clip-On Aquastat Control	
046089	595443	Thermostatic Control, 1/2" Clip-On Mount for 5/8" OD System Piping Size	

Spiralink®

Spiralink® Couplers

Part #	Mfg #	Description	Price
010269	10010	Spiralink Coupler	

AMTROL

Air Elimination

Air Purger



- *Cast iron*

Part #	Mfg #	Size	Dimensions H x W x L	Price
002010	443-1	1"	4" x 3" x 6"	
002011	444-1	1-1/4"	4" x 3" x 6"	
002012	445-1	1-1/2"	5" x 4" x 8"	
002013	446-1	2"	5" x 4" x 8"	

Air Vents

Air Eliminators

Automatic Air Vent



- *Brass body with non-ferrous internals*
- *Maximum operating temperature: 240°F*

Part #	Mfg #	Model	Connection	Max Pressure	Price
002435	113001	7	1/8" FNPT	75 psig	
002468	113020	67	1/8" MNPT	35 psig	

Honeywell

(Air Eliminators)

SuperVent™ Air Eliminator



NPT



Sweat

- *Eliminates air from hydronic heating systems without bleeding*
- *No clog vent, dirt and debris resistant*
- *360° Adjustable collar ring*
- *Bronze body*
- *Maximum temperature rating: 240°F*
- *Maximum operating pressure: 125 psi*

Part #	Mfg #	Size	Connection	Price
094289	PV075	3/4"	NPT	
094290	PV075S	3/4"	Sweat	
094291	PV100	1"	NPT	
094292	PV100S	1"	Sweat	
094293	PV125	1-1/4"	NPT	
094294	PV125S	1-1/4"	Sweat	
094295	PV150	1-1/2"	NPT	

Air Vents

Main Steam Vents

Model 75/75H Air Valve (Non-Vacuum)



- *For medium and large systems*
- *Float-type thermostatic vent*
- *Single non-adjustable port*
- *1/2" NPT Female and 3/4" NPT male straight shank*
- *Maximum pressure: 15 psig*

Part #	Mfg #	Model	Max Operating Pressure	Price
005417	401434	75	3 psig	

Radiator Steam Vents

Model 1A Air Valve (Non-Vacuum)



- *Float-type vent*
- *Adjustable port for true proportional venting - 6 port settings from slow (1) to fast (6)*
- *1/8" NPT Angle connection*
- *Maximum operating pressure: 1-1/2 psig*
- *Maximum pressure: 10 psig*

Part #	Mfg #	Model	Straight Shank	Price
005398	401422	1A	1/8" NPT Angle	

Water Vents

Model 79 Water Main Vent Valve



- *For use on hot or cold or glycol water mains and process applications with specific gravity > 0.7*
- *Tapped at top for 1/8" NPT safety drain connection*
- *Removable top*
- *Built-in check valve*
- *Maximum operating pressure: 75 psig*
- *Maximum hydrostatic pressure: 200 psig*
- *Maximum temperature: 250°F*

Part #	Mfg #	Model	Straight Shank	Price
005418	401488	79	1/2" FPT, 3/4" MPT	

Model 790 Water Vent Valve



- *For removing air from convectors, baseboard and wall radiation*
- *Safety drain connection for discharging moisture*
- *Fitting and ferrule for 3/16" OD tubing*
- *Telescopic siphon tube*
- *Maximum operating pressure: 30 psig*
- *Maximum pressure: 30 psig*

Part #	Mfg #	Model	Straight Shank	Price
005419	401479	790	1/8" NPT	

Model 791 Water Vent Valve

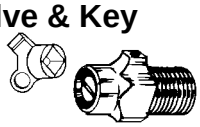


- *For convectors and small frame*
- *Safety drain connection for discharging moisture*
- *Fitting and ferrule for 3/16" OD tubing*
- *Telescopic siphon tube*
- *Maximum operating pressure: 50 psig*
- *Maximum pressure: 50 psig*

Part #	Mfg #	Model	Straight Shank	Price
005420	401482	791	1/4" NPT	

PlumBest Jones Stephens Corp.

Radiator Coin Key Air Valve & Key



Part #	Mfg #	Description	Price
082258	R20-002	Key Only	
082257	R20-003	Valve Only	

Air Vents

SPIROTOP®

Brass Quick Air Releaser

- *20-Year limited warranty*



Part #	Mfg #	Size	Price
017852	VTP 050 FT	1/2" FNPT	

SPIROVENT® JUNIOR

Brass Air Eliminators

- *20-Year limited warranty*

Threaded Design



Part #	Mfg #	Size	Price
017848	VJR 075-TM	3/4" FNPT with 1/2" Tank	
017849	VJR 100-TM	1" FNPT with 1/2" Tank	
017850	VJR 125-TM	1-1/4" FNPT with 1/2" Tank	
017851	VJR 150-TM	1-1/2" FNPT with 1/2" Tank	
087403	VJR200-TM	2" FNPT with 1/2" Tank	

Sweat Design

Part #	Mfg #	Size	Price
089288	VJS 075-TM	3/4" Sweat with 1/2" Tank	
089289	VJS 100-TM	1" Sweat with 1/2" Tank	
089290	VJS 125-TM	1-1/4" Sweat with 1/2" Tank	

SPIROVENT® SENIOR

Steel Air Eliminator

- *MT - Male threads*



Part #	Mfg #	Size	Price
020540	VSR-200-MT	2" MNPT	
024735	VSR-250-MT	2-1/2" MNPT	
030532	VSR-300-MT	3" MNPT	

SPIROVENT® Quad

Steel Hydraulic Separator

- *MT - Male threads*
- *FA - Flanged ASME*

Part #	Mfg #	Size	Price
138420	VDX-200-MT	2" MNPT	

SPIROTRAP® Dirt Separators

Brass Dirt Separator

- *Ball valve included*
- *Patented Spirotube® element*



Part #	Mfg #	Pipe Size	Price
082005	TDN-125-FT	1-1/4" IPS	
082006	TDN-150-FT	1-1/2" IPS	

WATTS REGULATOR

Boiler Feed Air Vents

DuoVent Automatic Air Vent with In-Line Testing Feature

- *Maximum temperature: 240°F*
- *Maximum pressure: 150 psi*



Part #	Mfg #	Model	Size	Price
062989	0590719	WADV18	1/8"	

Thermal Expansion Tanks

Thermal Expansion Tanks

Therm-X-Trol® ASME Diaphragm Thermal Expansion Tank



- *For use with potable water heaters only*
- *Non-ASME*
- *Pre-pressurized, diaphragm type*
- *Drawn steel domes, welded steel construction*
- *Rigid polypropylene liner*
- *Butyl diaphragm, diaphragm hoop ring mechanically grooved for permanent air-tight seal*
- *Stainless steel system connection*
- *Maximum operating system: 200°F*
- *Maximum working pressure: 150 psig*
- *Factory pre-charge: 40 psig*
- *5-Year limited warranty*

Therm-X-Trol® ASME Diaphragm In-Line Thermal Expansion Tank

Part #	Mfg #	Dia	Height	Volume	Price
024594	ST-5-C	10"	10-3/8"	2.1 gal	
028941	ST-12-C	12"	13-3/8"	6.4 gal	

Therm-X-Trol® ASME Diaphragm Vertical Stand Thermal Expansion Tank

- *Stainless steel system connection*
- *Maximum operating temperature: 200°F*
- *Factor pre-charge: 55 psig*

Part #	Mfg #	Dia	Height	Volume	Price
029837	ST-20V-C	12"	19"	8.0 gal	
029839	ST-42V-C	16"	24"	18.0 gal	
029840	ST-60V-C	16-1/4"	34"	25.0 gal	

Extrol Thermal Expansion Tank



- *For use with closed hydronic heating and cooling systems*
- *Both space and energy saving*
- *Butyl/EPDM diaphragm*
- *Air separation design eliminates absorption of system air*

Part #	Mfg #	Dia	Height	Volume	Price
002008	15	8"	12-5/8"	2.0 gal	
002009	30	11"	15-1/2"	4.4 gal	
002016	60	11"	23"	7.6 gal	
021243	90	15-3/8"	21"	14.0 gal	

Standard Expansion Tanks

Extrol® Vertical AX Series Expansion Tank



- *Carbon steel shell construction with red oxide primer*
- *Diaphragm design*
- *Factory pre-charge: 12 psig*
- *Operating temperature: 240°F*

Part #	Mfg #	Dia	Length	Volume	Price
052098	AX15V	12"	20"	8.0 gal	
048739	AX40V	16"	30"	21.7 gal	

SX Extrol® Vertical Boiler System Expansion Tank



- *Factory pre-charge: 12 psig*
- *Maximum working pressure: 100 psig*
- *Maximum operating temperature: 240°F*

Part #	Mfg #	Dia	Height	Volume	Price
001999	SX-30V	15"	25"	14.0 gal	
002000	SX-40V	15"	32"	20.0 gal	
002001	SX-60V	15"	48"	32.0 gal	
024728	SX-90V	22"	36"	44.0 gal	

Special Application Expansion Tanks

Radiant Extrol® Expansion Tank

- *For high-efficiency radiant systems*
- *Plastic liner is compatible with barrier and non-barrier tubing*
- *Suitable for use in glycol applications*
- *Non-ferrous system connection for corrosion resistance*
- *Factory pre-charged: 12 psig*
- *Maximum working pressure: 100 psig*
- *Maximum operating temperature: 200°F*

Part #	Mfg #	Dia	Height	Volume	Price
090481	RX-15	8"	13"	2.0 gal	
090482	RX-30	11"	16"	4.4 gal	
090483	RX-60	15"	19"	10.3 gal	

Thermal Expansion Tanks

FT Fill-Trol® System Expansion Tank

- *Eliminates the need for a separate, automatic fill valve*
- *Tank pressure controls system fill*
- *Factory pre-charged: 12 psig*
- *Fully adjustable up to a maximum working pressure of 100 psig*
- *Air purger not included*



Part #	Mfg #	Dia	Height	Volume	Price
002002	109	8"	13"	2.0 gal	
002004	110	11"	16"	4.4 gal	

Fill-Trol® Expansion Tank Valve

Part #	Mfg #	Air Purger	Price
002003	109-15	Fill-Trol® Valve	

Flow Valves

Flo-Check Valves

- *Used in forced hot water heating system to prevent gravity circulation during periods when boiler is hot but space heating zone not wanted*
- *Maximum operating pressure: 125 psi*
- *Maximum operating temperature: 277°F*
- *Media: water or water/glycol*



Part #	Mfg #	Size	Body	Type	Conn Inlet	Conn Outlet	Resistance in Feet of Pipe Equivalent	Price
103903	220	1"	Cast Iron	Universal	NPT	NPT	83.7/6.7	
103904	221	1-1/4"	Cast Iron	Universal	NPT	NPT	47.8/17	
103905	222	1-1/2"	Cast Iron	Universal	NPT	NPT	57.9/23.5	

Isolation Flanges

The Isolator® Uni-Flange Ball Valves

The Isolator® Uni-Flange Ball Valve (IPS x Flange)

- *Full port forged brass ball valve*
- *Adjustable packing gland*
- *Bonus wing style T-handle*
- *Nuts and bolts*
- *HV Suffix = fits high velocity pumps*



Part #	Mfg #	Size	WOG	Price
145019	40402	1/2"	600	
143756	40403	3/4"	600	
143760	40404	1"	600	
146935	40404HV	1"	600	
143761	40405	1-1/4"	600	
146936	40405HV	1-1/4"	600	
143762	40406	1-1/2"	600	
146937	40406HV	1-1/2"	600	
143763	40407HV	2"	600	

The Isolator® Uni-Flange Ball Valve (Swt x Flange)

- *Full port forged brass ball valve*
- *Adjustable packing gland*
- *Bonus wing style T-handle*
- *Nuts and bolts*
- *HV Suffix = fits high velocity pumps*



Part #	Mfg #	Size	WOG	Price
145020	50402	1/2"	600	
143768	50403	3/4"	600	
146938	50404HV	1"	600	
146939	50405HV	1-1/4"	600	
143771	50406	1-1/2"	600	
146940	50406HV	1-1/2"	600	
143773	50407HV	2"	600	

The Isolator® Uni-Flange Ball Valve with Rotating Flange (IPS x Rotating Flange)

- *Full port forged brass ball valve*
- *Detachable rotating flange*
- *Adjustable packing gland*
- *Bonus wing style T-handle*
- *Nuts and bolts*
- *HV Suffix = fits high velocity pumps*



Part #	Mfg #	Size	WOG	Price
143764	41403	3/4"	600	
143765	41404	1"	600	
146928	41404HV	1"	600	
143766	41405	1-1/4"	600	
146929	41405HV	1-1/4"	600	
146930	41406HV	1-1/2"	600	

The Isolator® Uni-Flange Ball Valve with Rotating Flange (Swt x Rotating Flange)

- *Full port forged brass ball valve*
- *Detachable rotating flange*
- *Adjustable packing gland*
- *Bonus wing style T-handle*
- *Nuts and bolts*
- *HV Suffix = fits high velocity pumps*



Part #	Mfg #	Size	WOG	Price
143774	51403	3/4"	600	
143775	51404	1"	600	
146931	51404HV	1"	600	
143776	51405	1-1/4"	600	
146932	51405HV	1-1/4"	600	
143777	51406	1-1/2"	600	
146934	51406HV	1-1/2"	600	

The Isolator® Uni-Flange Ball Valve with Drain and Rotating Flange (IPS x Rotating Flange)

- *Full port forged brass ball valve*
- *Detachable rotating flange*
- *Multi-function hi-flow hose drain*
- *Adjustable packing gland*
- *Nuts and bolts*
- *HV Suffix = fits high velocity pumps*



Part #	Mfg #	Size	WOG	Price
143778	41413	3/4"	600	

Isolation Flanges

The Isolator® Uni-Flange Ball Valves (Continued)

The Isolator® Uni-Flange Ball Valve with Drain and Rotating Flange (IPS x Rotating Flange)

Part #	Mfg #	Size	WOG	Price
143779	41414	1"	600	
146941	41414HV	1"	600	
143780	41415	1-1/4"	600	
146942	41415HV	1-1/4"	600	
143781	41416	1-1/2"	600	
146943	41416HV	1-1/2"	600	

The Isolator® Uni-Flange Ball Valve with Drain and Rotating Flange (Swt x Rotating Flange)

- *Full port forged brass ball valve*
- *Detachable rotating flange*
- *Multi-function hi-flow hose drain*
- *Adjustable packing gland*
- *Nuts and bolts*
- *HV Suffix = fits high velocity pumps*



Part #	Mfg #	Size	WOG	Price
143782	51413	3/4"	600	
143783	51414	1"	600	
146944	51414HV	1"	600	
143784	51415	1-1/4"	600	
146945	51415HV	1-1/4"	600	
143785	51416	1-1/2"	600	
146946	51416HV	1-1/2"	600	

Isolation Pump Flanges

IPF Series Isolation Pump Flange

- *Isolate circulator pumps to facilitate circulator pump replacement or repairs*
- *Brass body and flange with bottom loaded blowout proof stem, chrome plated ball and double o-ring stem seal*
- *Pressure rated at 600 psi WOG*



Part #	Mfg #	Model	Size	Price
076650	0068090	IPFM1-T	3/4"	
076651	0068091	IPFM1-T	1"	
076657	0068095	IPFM1-S	3/4"	

Isolation Pump Flanges (Continued)

IPF Series Isolation Pump Flange

Part #	Mfg #	Model	Size	Price
076658	0068096	IPFM1-S	1"	
082649	0068097	IPFM1-S	1-1/4"	

Water Gauges & Sight Glasses

Water Gauges

20 Series Standard Pattern Bronze Water Gauge - Standard Gauge



- *Use for all types of liquid level verification*
- *EPDM Gauge glass gaskets standard*
- *Equipped with (2) copper guard rods*
- *Standard 1/4" needle drain valve in lower arm*
- *CRN Registered*
- *Rated: 125 psig @ 350°F, 300 psig @ 100°F*

Part #	Mfg #	Pipe Size	Glass OD/Length	Wheel Type	Price
003018	20-104-00	1/2"	5/8" x 12"	Aluminum	

20-200 Series Heavy Pattern Bronze Water Gauge-Standard Gauge



- *Heavy valve body pattern for higher service ratings*
- *Rated 200 psig @ 400°F, 400 psig @ 100°F subject to pressure/temperature ratings of gauge glass*

Part #	Mfg #	Pipe Size	Glass OD/Length	Wheel Type	Price
003019	20-204-00	1/2"	5/8" x 12"	Aluminum	

Water Gauge Components

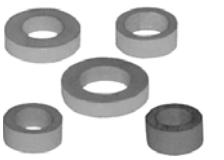
Regular Gauge Glass

Part #	Mfg #	Size	Price
004899	9858R08	5/8" x 8"	
004892	9858R12	5/8" x 12"	
004897	9858R30	5/8" x 30"	

LAVELLE

Gauge Glasses & Accessories

Gray Cut Gauge Glass Gasket



- *Synthetic rubber*

Part #	Mfg #	Size	Price
006253	881	9/16" x 13/16" x 5/16"	

uponor

TruFLOW™ Classic Specific Accessories

- *Use Uponor Silicone Oil (A2620007 - sold separately) on male threads to ease installation*

TruFLOW™ Visual Flow Meter



- *Can be used on TruFLOW Jr. and TruFLOW Classic manifolds to accurately measure the flow of hydronic radiant loops*

Part #	Mfg #	Description	Price
113670	A2640027	0.25 To 2.0 gpm	

Pressure Reducing Valves

Pressure Reducing Valves

- *Fast fill feature*
- *Low inlet pressure check valve*
- *Convenient cleanable strainer*
- *Maximum operating temperature: 225°F*
- *Maximum operating pressure: 125 psig*



Combination "Dual Units" Pressure Relief and Reducing Valve

- *Relief valve pressure setting: 30 psi*
- *1/2" NPT Boilder connection*
- *Brass/iron body construction*

Part #	Mfg #	Model	Components - Relief Plus	Price
002470	110199	8	B-38	

Pressure Reducing Valve

- *Brass body construction*
- *Pressure factory set to 12 psig*
- *Adjustable range: 10 - 25 psig*



B-38



B7-12

Part #	Mfg #	Model	Connection	Price
002402	110190	B-38	1/2" NPT	
002403	110196	B7-12	3/4" NPT	

WATTS REGULATOR

Boiler Feed Water Pressure Regulators

Feed Water Pressure Regulator

- *Built-in integral strainer*
- *Bronze body construction*
- *Tight seating check valve*
- *Maximum pressure: 100 psi*
- *Purge lever for manual purging*
- *NPT threaded inlet and outlet connections*
- *High capacity performance and simplified servicing design*
- *Suitable for use in the boiler feed lines of hydronic heating systems*
- *Provides make-up water to the system in the event of system leaks*
- *For use in commercial and residential hydronic heating systems to fill the boiler and piping system with water, and to maintain water pressure in the system at all times*

Part #	Mfg #	Model	Size	Price
062991	0322825	N256	3/4"	

High Capacity Feed Water Pressure Regulator



- *Iron and bronze body*
- *Tight seating check valve*
- *Purge lever for manual purging*
- *Stainless steel strainer*
- *Maximum pressure: 100 psi*
- *Provides make-up water to the system in the event of system leaks*
- *For use in commercial and residential hydronic heating systems to fill the boiler and piping system with water, and to maintain water pressure in the system at all times*

Part #	Mfg #	Model	Inlet Size	Connection	Price
036375	0386425	1156F	1/2"	Threaded	

Radiator Traps & Valves

Radiator Valves

Brass Steam Radiator Globe Valve

- *Angled with ground joint union nut and tailpiece*
- *60 psi/15 WSP*



Part #	Mfg #	Size	Price
148415	11534	1" IPS	
148416	11535	1-1/4" IPS	

Brass Hot Water Radiator Globe Valve

- *Angled with ground joint union nut and tailpiece*
- *60 psi*



Part #	Mfg #	Size	Price
143811	11553	3/4" IPS	
143813	11554	1" IPS	
143814	11555	1-1/4" IPS	
143816	11556	1-1/2" IPS	

PRO-PAL® Series Valves

PRO-PAL® Expansion Tank Pro Service Valve™ (FIP x MIP x FIP x Hose)

- *Full port forged brass ball valve with hi-flow hose drain*



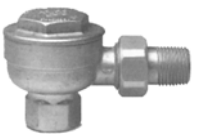
Part #	Mfg #	Size	WOG	Price
143788	41672	1/2"	600	

Hoffman SPECIALTY

Radiator Steam Traps

Series 17C Balanced Pressure BearTrap® Thermostatic Steam Trap

- *For institutional, commercial, and residential heating system applications where low or moderate water hammer may occur*
- *Subcooling*
- *Replaceable Dura-Stat® module*
- *Stainless steel components*
- *Resistant to moderate water hammer and chemical attack*
- *Maximum operating pressure: 25 psig*
- *3-Year warranty*



Part #	Mfg #	NPT Size	Description	Price
005399	401536	1/2"	Angle	

WATTS® REGULATOR

Hydronics - Steam Valves

RA Series Steam Radiator Valve (FNPT x MNPT Union)

- *Teflon® stem packing*



RA-1-AP Angle - Bronze Body

Part #	Mfg #	Model	Size	Price
036349	0067450	RA1AP	1/2"	

Bronze Union Radiator Elbows

- *For use in steam and hot water systems*
- *Maximum working pressure: 60 psi (non-shock) for hot water, 15 psi (non-shock) for saturated steam*



Part #	Mfg #	Model	Size	Price
072758	0067460	UL-1	1/2" FIP x M Union	
031791	0067461	UL-1	3/4" FIP x M Union	

Apollo Valves

ASME Hot Water Boiler Safety Relief Valves

10 Series Hot Water Boiler ASME Safety Relief Valve- Brass Finish



- *For hot water boilers and hydronic heating systems*
- *Protects against excessive water pressure and steam generated when BTU input controls fail*
- *Maximum temperature service to 250°F*
- *Stainless steel springs standard except 10-214*
- *ASME Section IV*

10 Series (MNPT Inlet x FNPT Outlet)

Part #	Mfg #	Size	Wt/ 100 Lbs	Set Press	Price
003009	10-407-05	3/4" M x F	62	30 psig	

13 Series Low Pressure Steam Heating Boiler Safety Valve



- *ASME Section IV*
- *Capacity certified by National Board at 15 psi only in accordance with ASME Boiler and Pressure Vessel Code - Section IV*
- *All bronze construction*
- *Flat seat, Teflon® faced disc for positive seal*
- *Top guided, high capacity*

13 Series Side Outlet Model (MNPT Inlet x FNPT Outlet)

Part #	Mfg #	Size	Wt/ 100 Lbs	Set Press	Price
122404	13-211-B15	3/4" M x F	475	15 psig	
003016	13-213B-15	1-1/4" M x 1-1/2" F	1200	15 psig	

Vacuum Breakers

AVB1 (38 Series) Atmospheric Type Vacuum Breaker (FNPT Inlet x Outlet)



- *For hot and cold water service up to 212°F @ 125 psig*
- *Compact and lightweight*
- *Protects against back-siphonage and low hazard cross connections*
- *Cast bronze finish options:*
  - *RB= Rough Brass*

Part #	Mfg #	Size	Finish	Price
102861	38-104-01	3/4"	RB	

Ball Valves

73A Series 2-Piece Ball Valve



- *Threaded*
- *Standard port*
- *Forged carbon steel*
- *2000 CWP to 1", 1500 CWP to 2"*

Part #	Mfg #	Size	Price
175124	73A-101-01A	1/4"	
175125	73A-201-01A	3/8"	
175126	73A-103-01A	1/2"	
175127	73A-104-01A	3/4"	
175128	73A-105-01A	1"	
175129	73A-106-01A	1-1/4"	
175131	73A-701-01A	1-1/2"	
175132	73A-801-01A	2"	

77C Series 2-Piece Ball Valve



- *Threaded or solder*
- *Full port, bronze*
- *600 CWP, Threaded sizes: 1/4" to 2-1/2"*
- *600 CWP, Solder sizes: 3/8" to 2-1/2"*

77C-100 Series - Threaded

Part #	Mfg #	Size	Price
175162	77C-101-01	1/4"	
175163	77C-102-01	3/8"	
175164	77C-103-01	1/2"	
175165	77C-104-01	3/4"	
175166	77C-105-01	1"	
175167	77C-106-01	1-1/4"	
175168	77C-107-01	1-1/2"	
175169	77C-108-01	2"	

77C-200 Series - Solder

Part #	Mfg #	Size	Price
175175	77C-202-01	3/8"	
175176	77C-203-01	1/2"	
175177	77C-205-01	1"	
175178	77C-206-01	1-1/4"	

Apollo Valves

77CLF Series 2-Piece Ball Valve



- *Threaded or Solder*
- *Full port, bronze*
- *600 CWP, sizes: 1/4" to 2-1/2"*
- *LEAD FREE*

77CLF-100 Series - Threaded

Part #	Mfg #	Size	Price
175182	77CLF-10101	1/4"	
175183	77CLF-10201	3/8"	
175184	77CLF-10301	1/2"	
175185	77CLF-10401	3/4"	
175186	77CLF-10501	1"	
175187	77CLF-10601	1-1/4"	
175188	77CLF-10701	1-1/2"	
175189	77CLF-10801	2"	
175190	77CLF-10901	2-1/2"	

77CLF-200 Series - Solder

Part #	Mfg #	Size	Price
175191	77CLF-20201	3/8"	
175192	77CLF-20301	1/2"	
175193	77CLF-20401	3/4"	
174194	77CLF-20501	1"	
175195	77CLF-20601	1-1/4"	
175196	77CLF-20701	1-1/2"	
175197	77CLF-20801	2"	
175198	77CLF-20901	2-1/2"	

77VLF Series 2-Piece APOLLOXPRESS® Press End Ball Valve



- *Rigid® XL press tool compatible*
- *Full port, brass*
- *Max operating pressure: 250 psig*
- *LEAD FREE*

Part #	Mfg #	Size	Price
175143	77VLF-10301	1/2"	
175148	77VLF-10401	3/4"	
175149	77VLF-10501	1"	
175150	77VLF-10601	1-1/4"	
175151	77VLF-10701	1-1/2"	
175152	77VLF-10801	2"	
175154	77VLF-10901	2-1/2"	
175155	77VLF-10001	3"	

Hoffman Specialty

Steam Traps

Series H BearTrap® Float and Thermostatic



- *Designed for commercial and industrial heating applications*
- *Universal 4-port tappings, (2 inlets, 2 outlets) that provide versatility*
- *Stainless steel internal components*
- *Resistant to water hammer and corrosion*
- *Below condensate level seat design prevents steam leakage*
- *Rugged thermostatic element eliminates air binding*
- *Maximum operating pressure: 175 psig*
- *Maximum body design pressure: 250 psig (3/4" - 1-1/4")*
- *Maximum temperature: 406°F (3/4" - 1-1/4")*

Part #	Mfg #	Model	NPT Size	Seat Diff Pressure Rating	Price
005393	404200	FT015H-3	3/4"	15 psi	
005391	404210	FT015H-4	1"	15 psi	

McDonnell & Miller

Combination Water Feeder/Low Water Cut-Offs

47-2 Combination Mechanical Water Feeder/Low Water Cut-Offs



- *For steam and hot water boilers with cold water feed*
- *Continuous maintenance of minimum safe water level, independent of electrical service*
- *Proportional feed action*
- *Quick hook-up fittings provided*
- *Maximum water supply pressure: 150 psi*
- *Maximum inlet water temperature: 120°F*
- *Maximum boiler pressure: 25 psi*

Part #	Mfg #	Model #	Description	Price
007122	132800	47-2	No 2 Switch	

Low Water Cut-Offs & Feeders

Low Water Cut-Offs

Safgard™ LWCO for Steam Boilers

- *No moving parts to wear or stick*
- *Time delay prevents short cycling*
- *SV Models include the shorter model EL-1214-SV probe suitable for mounting in standard reducing tees*



Part #	Mfg #	Description	Price
097318	500-SV	24V, Manual Reset, Test Button	
097319	550-SV	120V, Manual Reset, Test Button	

Safgard™ Direct Boiler Mounting LWCO with Primary Cut-Offs

- *Burner circuit contacts open after 15 second delay in low water condition*
- *Automatically restarts burner 30 second after water reaches probe*
- *For residential & commercial boilers to 15 psi*
- *SV Models include the shorter model EL-1214-SV probe suitable for mounting in standard reducing tees*



Part #	Mfg #	Description	Price
097320	400-SV	24VAC, 2VA, SPDT 15 psi	

Automatic Water Feeders for Steam Boilers

- *Delay before feed: 2 minutes*
- *Feed setting: LWCO*
- *Maximum steam pressure: 15 psi*
- *Maximum water supply pressure: 150 psi*
- *Maximum amp draw: 5A (24VAC), 2A (120VAC)*



Part #	Mfg #	Description	Price
030223	VXT-24	1 gpm, 24V	

WATTS® REGULATOR

Boiler Feed Water Backflow Preventers

Combination Backflow Preventer (9D) and Fill Valve (1156F) for Hot Water Boilers - 1/2"

- *Used on boiler feed lines to provide make up water to the boiler and prevent backflow when supply pressure falls below system pressure*
- *High capacity fast fill and purge capability*
- *Maximum pressure: 100 psi*
- *Maximum temperature: 212°F*
- *Suffix Options:*
  - *911 = NPT x NPT Connections*



Part #	Mfg #	Model	Description	Price
041894	0386460	911M3	1156F+9D Combo	

PlumBest Jones Stephens Corp.

Pigtails

Pigtail Syphon

- *For use with gauges on steam line*
- *1/4" MPT x 1/4" MPT*
- *Steel construction*



G60-001



G60-000

Part #	Mfg #	Description	Price
091486	G60-000	1/4" Straight	
091487	G60-001	1/4" 90° Angle	

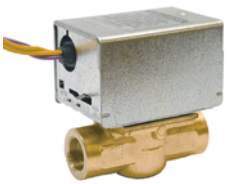
Zone Valves

Hydronic Motorized Zone Valves

V8043/V8044 Low Voltage Hydronic Zone Valves

2-Position Normally Closed Straight-Through Valve with End Switch

- *For controlling flow of hot and cold water, valve closes when deenergized*
- *Manual opener included*
- *With 18" wire leads and auxiliary switch*
- *Voltage: 24V, 50/60Hz*



Part #	Mfg #	Pipe Size	Capacity	Max Close-Off Pressure	End Switch	Electrical Connections	Price
006823	V8043E1012	3/4" Swt	3.5 Cv	20 psi	SPST	18" Leads	
006824	V8043E1061	3/4" Swt	8 Cv	8 psi	SPST	18" Leads	
006825	V8043E1079	1" Swt	8 Cv	8 psi	SPST	18" Leads	
081700	V8043E1145	3/4" NPT	3.5 Cv	20 psi	SPST	18" Leads	

2-Position Normally Closed Straight-Through Motorized Valve

- *For controlling flow of hot and cold water*
- *With end switch, screw terminals and manual opener*
- *Terminal board with (5) terminals*
- *Maximum ambient temperature: 125°F*
- *Electrical connections: screw terminal block*
- *Voltage: 24V, 50/60Hz*



Part #	Mfg #	Pipe Size	Capacity	Max Close-Off Pressure	End Switch	Type	Price
006826	V8043F1036/U	3/4" Swt	3.5 Cv	20 psi	SPST	2-Way Straight Thru	

5000 Series QuickFit® 2-Position Two-Way, Straight-Through Motorized Valve

- *On-off and 2-way low voltage valves consist of an actuator and valve assembly*
- *For controlling flow of hot water and some models steam*
- *Includes end switch and manual opener*
- *Terminal board*
- *Maximum ambient temperature: 125°F*
- *Static pressure: 300 psi*
- *Voltage: 24V @ 60Hz*



Part #	Mfg #	Pipe Size	Capacity	Max Close-Off Pressure	End Switch	Electrical Connections	Price
094300	V8043E5061	3/4" Swt	8.0 Cv	8 psi	SPST	18" Leads	
094301	V8043E5079	1" Swt	8.0 Cv	8 psi	SPST	18" Leads	
094302	V8043F5036	3/4" Swt	3.5 Cv	20 psi	SPST	Terminal Block	

Zone Valves

V8044A 2-Position Diverting Motorized Valve



- *For controlling flow of hot water*
- *1/2" Bottom inlet*
- *Manual opener*
- *Maximum ambient temperature: 125°F*
- *Voltage: 24V, 50/60Hz*

Part #	Mfg #	Pipe Size	Capacity	Max Close-Off Pressure	End Switch	Electrical Connections	Price
006827	V8044E1011	3/4" Swt	7.0 Cv	10 psi	SPST	18" Leads	

Taco systems made easy

Zone Valves

Whisper Guard Geothermal Valves



- *Pump head: 150 feet of water*
- *Maximum working pressure: 125 psi*
- *Temperature range: 40-240°F*
- *Amperature rating: 0.9*
- *Volt frequency: 24V 60Hz*
- *3-Year head, 5-year body warranty*

Part #	Mfg #	Connection Size	Normal Flow Range	Pressure Drop Thru Valve Equivalent Feet of Pipe	Price
101957	5101-G2	3/4" Threaded	2 Way	125	

Zone Valves

Zone Sentry® Zone Valve

- *Provides on-off, normally open or normally closed control in both open and closed hot or chilled water systems*
- *Utilizes microcircuit based logic to control a gear driven electronic actuator which drives a ball valve based body design*
- *Uses up to 93% less energy than other commonly installed zone valves*
- *Quiet actuator operation*
- *Suitable for condensing environments*
- *Universal installation orientation*
- *Up to 12 valves on (1) 40VA transformer*
- *Multi-function LED assists with troubleshooting*
- *Quick release actuator mounting clips*
- *Positional indicator shows the ball valve's actual position*
- *Easy to wire quick connections*
- *Bi-directional flow (you cannot install the valve backwards)*
- *The actuator mounts on the valve in either direction*
- *Shut-off pressure: 125 psi*
- *Manual override button*
- *e-smart Energy saving*

e-smart™ Resource Saving Products



Part #	Mfg #	Description	Price
136624	Z075C2	2-Way, 3/4" Swt	
135892	Z100C2	2-Way, 1" Swt	

Zone Valve Power Head

555-050RP



Part #	Mfg #	Description	Price
010361	555-050RP	Power Unit Assembly, Snap Action Switch	
010362	555-173RP	Replacement Head	
074288	ZA024Q4A1	NO/NC Replacement Motorized Zone Valve Power Head	

Zone Valves

Zone Valves

Hydronic Zone Control

- *Self aligning barrel-type valve stem uses line pressure to seal off binding on opening and closing*
- *Valve stem made of stainless steel*
- *Built-in auxiliary contacts to control burner or circulator relay*



3-Wire, 24V Valve with Screw Terminal Wiring Panel & Auxiliary Switch

Part #	Mfg #	Tubing Size (ID)	24V AC Thermostat Circuit Rating	Time Cycle Open/Close	Price
012074	1311-102	3/4"	0.2A	45 Sec/45 Sec	
012072	1311-103	1"	0.2A	45 Sec/45 Sec	

2-Wire, 24V Valve with Screw Terminal Wiring Panel & Auxiliary Switch

Part #	Mfg #	Tubing Size (ID)	24V AC Thermostat Circuit Rating	Time Cycle Open/Close	Price
012075	1361-104	1-1/4"	0.2A	45 Sec/60 Sec	

Honeywell

Commercial Remote Temperature Controls

T775 Commercial Solid State Electronic Remote Temperature Controller

- *Includes platinum sensor*
- *Set point range: -40° to 248°F*
- *Differential temperature: 1° to 150°F*
- *Heat or cool*
- *24/120/240VAC, 50/60Hz*



Part #	Mfg #	Control Mode	Temp Inputs	Relay Outputs	Notes	Price
141882	T775P2003	SPDT	3	4	50021579-001 (Three)	

Boiler & Zone Controls

Pressuretrol® Pressure Controllers

PA404A Pressuretrol® Controller



- *Provides control for steam pressure*
- *Sensitive pressure-actuated diaphragm expands or contracts with pressure variations moving lever mechanism operating snap-switch*
- *SPST Snap-acting switch*
- *Differential: 1 to 5 psi*
- *Safety control for steam heating boilers, breaks an electrical circuit to shut down burner if steam pressure rises above safe level*
- *Makes at setpoint on pressure fall, breaks at setpoint plus differential on pressure rise*

Part #	Mfg #	Description	Price
006744	PA404A1033	SPST, 0.5 to 9.0 psi	

Aquatrol® Boiler Controls

AQ254 Aquatrol® Add-A-Temperature Expansion Control Panel



- *Used in conjunction with an AQ250, AQ25A, AQ251 or AQ252 control panels*
- *Provides one additional loop temperature control capability for the AQ2000 control panel it is connected to and expands the total network capacity by up to (16) zones when used with AQ255 and/or AQ257 zoning panels*

Part #	Mfg #	Description	Price
134582	AQ25400B	Add-a-Temperature Expansion Control Panel	

AQ255/AQ257 Aquatrol® Expansion Zoning Panel



- *For zoning with pumps or zone valves*
- *Easily switch from zone valves to pumps with same zoning module - just flip one DIP switch*
- *Ensures correct voltage is applied to all zone equipment on a panel (120VAC for pumps, 24VAC for valves)*
- *Works with AQ1000 2-wire communicating thermostats and most digital thermostats and AQ2000 boiler control panels*
- *Cab be combined with additional expansion zoning panels and an AQ2000 control panel for a total of (16) space heating zones*

Part #	Mfg #	Description	Price
134583	AQ25542B	Aquatrol Zoning Panel for (4) Zones of Pumps less End Switches	

Boiler & Zone Controls

Pressuretrol® Pressure Controllers

PA404B Pressuretrol® Controller

- *Provides control for steam pressure*
- *Sensitive pressure-actuated diaphragm expands or contracts with pressure variations moving lever mechanism operating snap-switch*
- *SPST Snap-acting switch*
- *Used with suspension-type unit heaters to make the fan circuit when a pressure rise indicates the presence of steam*
- *Breaks at setpoint on pressure fall, makes at setpoint plus differential on pressure rise*



Part #	Mfg #	Description	Price
042522	PA404B1023	Pressuretrol Controller, SPST, 0.5 to 9.0 psi, 1 to 5 psi Differential	

Taco systems made easy

Zone Controls

Zone Circulator Switching Relay

- *Universal replaceability and thermostat compatibility*
- *Indicator lights*
- *Snap-in PC board to existing enclosure*
- *Fully enclosed snap-out relay*
- *UL Approved*

1-Zone





Part #	Mfg #	Number of Zones	Maximum Voltage (Input)	Maximum Combined Load	Enclosure Dimensions H x W x D	Price
088487	SR501-2	1	120VAC	5A	5-1/4" x 4-1/4" x 2-3/4"	
095583	SR502	2 with Priority	120VAC	15A	6-3/4" x 10-1/4" x 2-3/4"	
068767	SR503	3 with Priority	120VAC	15A	6-3/4" x 10-1/4" x 2-3/4"	
068768	SR504	4 with Priority	120VAC	20A	6-3/4" x 10-1/4" x 2-3/4"	
095584	SR506	6 with Priority	120VAC	20A	7-1/2" x 11-3/4" x 3"	

Zone Valve Control

- *All zone valve controls are relay type DPDT and have single phase motor rating per zone of 1/7 hp (SA) @ 120VAC*



ZVC404



ZVC406

Part #	Mfg #	Number of Zones	Transformer Voltage (Input)	Max Output At 24 VAC	Enclosure Dimensions H x W x D	Price
095585	ZVC403-2	3 with Priority	120VAC	40 VA	6-3/4" x 10-1/4" x 2-3/4"	

Zone Controls (Continued)

Zone Valve Control

Part #	Mfg #	Number of Zones	Transformer Voltage (Input)	Max Output At 24 VAC	Enclosure Dimensions H x W x D	Price
095587	ZVC404-2	4 with Priority	120VAC	40 VA	6-3/4" x 10-1/4" x 2-3/4"	
095588	ZVC405-3	5 with Priority	120VAC	80 VA	7-1/2" x 11-3/4" x 3"	
095590	ZVC406-3	6 with Priority	120VAC	80 VA	7-1/2" x 11-3/4" x 3"	

Single-Stage Low Voltage Thermostats

Universal Single-Stage Mechanical Replacement Thermostat

- *Mercury free*
- *24V Replacement for hundreds of White-Rodgers and competitive models installed during the past 50-years*
- *Same footprint as older models with updated styling*
- *Enclosed contacts for increased reliability and accuracy*
- *Heat/cool with heating or cooling 3-wire zone mounting plate included*
- *Packaging is bilingual (English/Spanish)*
- *5-Year warranty*

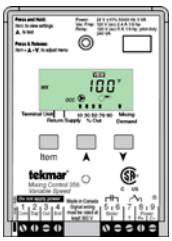


Part #	Mfg #	System	Applications	Style	Color	Terminals	Price
145434	1F56N-444	1 Heat/1 Cool RC,RH,W,Y,G,O,B,A	24V, mV, 3wZn	Horizontal	White		

Boiler & Zone Controls

Heating Controls

356 Mixing Control

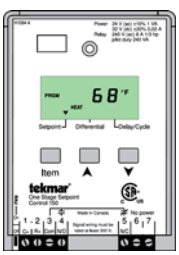


- *Microprocessor-based (PID) outdoor reset control*
- *Designed to operate a permanent capacitor, impedance protected or equivalent pump at varying speeds*
- *Provides for boiler minimum protection and operation*
- *120VAC Rated relay outputs*

Part #	Mfg #	Description	Price
047999	356	Variable Speed Reset Controller w/Sensors	

Thermostats

Setpoint Controls



- *Microprocessor based control*
- *Extremely accurate +/- 0.5°F*
- *Wide temperature ranges*
- *Remote sensing up to 500 feet*
- *Large load relay capacity*
- *Low power consumption*

Part #	Mfg #	Description	Price
030576	150	1-Stage Setpoint Control	

Boiler/DHW Controls

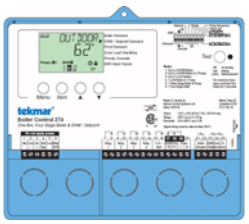
256 Boiler Control



- *Microprocessor-based (PID) control*
- *Regulates supply water temperature from a single boiler based on outdoor temperature*
- *Includes:*
  - *Warm weather shut down (WWSD)*
  - *Minimum boiler setting*
  - *Liquid crystal display (LCD)*

Part #	Mfg #	Description	Price
047998	256	1-Stage Boiler Control	

274 Boiler Control



- *Microprocessor PID control*
- *One tN4, four stage boiler & DHW/setpoint control*
- *Can provide outdoor reset, domestic hot water and setpoint operation with priority*
- *Not a safety (limit) control*
- *Indoor use only*
- *Operates up to four on/off boilers*

Part #	Mfg #	Description	Price
127773	274	Boiler Control (1) tN4, 4-Stage Boiler & DHW/Setpoint	

Snow Melting Controls

Automatic Snow Melting Control

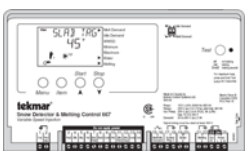


090/091

- *Automatic snow/ice detection*
- *Warm weather cut-off*
- *Cold weather cut-off*
- *Accurate slab temperature control*
- *Slab outdoor reset*

Part #	Mfg #	Description	Price
020296	090	Snow/Ice Sensor	
020298	091	Snow/Ice Sensor Socket	

667 Snow Detector & Melting Control



- *Variable speed injection*
- *When combined with 090 snow/ice sensor provides automatic snow/ice detection*
- *Operates a variable speed injection pump to provide several protection and control features*
- *Microprocess PID control*
- *Not a safety (limit) control*

Part #	Mfg #	Description	Price
065840	667	Snow Detector & Melting Control	

Boiler & Zone Controls

Sensors


070


071


072



076

Part #	Mfg #	Description	Price
065350	070	Outdoor Sensor	
037312	071	Universal Sensor w/12" 2-Cond Wire	
044387	072	Slab Sensor w/PVC Sleeve & 20' 2-Cond Wire	
044864	076	Indoor Sensor, Surface Mount	

Aquastats

Aquastats®

L4006A Immersion Type Aquastat Control



- *Immersion type controllers for limiting or regulating temperatures of liquids in boilers or tanks*
- *SPST - Breaks circuit on temperature rise*
- *Visible control point scale and external adjustment screw permit easy setting*
- *Horizontal or vertical insertion of the sensing element*
- *Remote bulb model may be used to sense air temperature in ducts and in outside air sensing applications*
- *Includes: 3" insulation, Stop Factory-Set @240°F, Well Adapter & Heat-Conductive Compound*

Part #	Mfg #	Temperature Operating Range	Temperature Differential, Midscale	Price
006728	L4006A1678	100°-240°F	5°-30°F Adj	

L4006B Immersion Type Aquastat Control



- *Immersion type controllers for limiting or regulating temperatures of liquids in boilers or tanks*
- *SPST Contacts make on temperature rise*
- *Includes: 3" Insulation, Stop Factory-Set @240°F, Well Adapter & Heat-Conductive Compound*

Part #	Mfg #	Temperature Operating Range	Temperature Differential, Midscale	Price
022280	L4006B1155	100° - 240°F	5° - 30°F Adj	

L4006E Immersion Type Aquastat Control



- *High limit, manual reset*
- *Contacts break on temp rise*
- *Immersion type controllers for limiting or regulating temperatures of liquids in boilers or tanks*
- *Totally enclosed MicroSwitch™ snap-acting switches operate on temperature rise to setpoint*
- *Visible control point scale and external adjustment screw permit easy setting*
- *Horizontal or vertical insertion of the sensing element*
- *Includes: 3" Insulation, Well Adapter & Heat-Conductive Compound*

Part #	Mfg #	Temperature Operating Range	Temperature Differential, Midscale	Price
006729	L4006E1067	130° - 270°F	250°F	

Aquastats

L6006A Immersion High or Low Limit Aquastat Control, SPDT

- *Remote bulb model may be used to sense air temperature in ducts and outside air sensing applications*
- *Totally enclosed MicroSwitch° snap-acting switch*
- *Visible control point scale and external adjustment screw permit easy setting*
- *Horizontal or vertical insertion of the sensing element*
- *Direct or well immersion of the sensing element*
- *Select models have wells*
- *Stop Factory-Set @ 240°F, Heat-Conductive Compound*



Part #	Mfg #	Temperature Operating Range	Temperature Differential, Midscale	Price
006740	L6006A1145	100° - 240°F	Stop Factory-Set @ 240°F, Heat-Conductive Compound	

L6006C Strap-On Mount High or Low Circulator Control, SPDT

- *Remote bulb model may be used to sense air temperature in ducts and outside air sensing applications*
- *Totally enclosed MicroSwitch™ snap-acting switch operates on temperature rise*
- *Visible control point scale and external adjustment screw permit easy setting*
- *Horizontal or vertical insertion of the sensing element*
- *Select models have wells*



Part #	Mfg #	Temperature Operating Range	Includes:	Price
006741	L6006C1018	65° - 200°F	Stop Factory-Set @ 200°F	

Aquastat® Relays

L8148 Aquastat® Relay

- *Immersion-type controllers that combine high limit protection with switching relay control of burner and circulator motors*
- *High limit opens burner circuit only*
- *Includes transformer and accessory terminals for adding a remote low limit controller*
- *Requires 24VAC thermostat with heat anticipator set at 0.2 amps*
- *Includes well adapter and heat-conductive compound*
- *Mounts horizontally or vertically*
- *Maximum Bulb: 40° over selected setpoint up to 265°F*
- *Maximum Ambient: 150° including zone valves with low voltage loads up to 1.2 amps*



Part #	Mfg #	Description	Price
093128	L8148E1265	Line Voltage, 180° - 240°F High Limit, 4-1/2" Capillary, Vertical Mount	
006743	L8148J1009	Millivolt or Low Voltage, 120° - 240°F High Limit, 4-1/2" Capillary, Vertical/Horizontal Mount	

Aquastats

Aquastat® Controllers

L8100 Aquastat® Controller



- *Immersion type controller for regulating and limiting tank temperature in water heaters*
- *Provides energy cutoff (ECO) action on temperature rise past setpoint*
- *Includes second sensing element to sense average water temperature to minimize stacking*
- *Internal adjustment screw*
- *Operating temperature range: 100° to 180°F*

Part #	Mfg #	Description	Price
150551	L8100B1037	SPST, Contacts Break on Temperature Rise, 42" Capillary	

Accessories

Heat Conductive Compound

Part #	Mfg #	Description	Price
076507	107408	4 oz Heat Conductive Compound	

Well Assemblies



Part #	Mfg #	Description	Price
006831	121371A	3/8" x 3" Bulb Size, Copper 1/2" NPT, 1-1/2" Insulation, 3" Insertion Well with Mounting Clamp	
006832	121371B	3/8" x 3" Bulb Size, Copper 3/4" NPT, 1-1/2" Insulation, 3" Insertion Well with Mounting Clamp	

Thermometers

Thermometer with Thermowell



- *Thermowell included to allow thermometer to be removed without draining the system*
- *Steel case, brass well*

Part #	Mfg #	Connection	Dial	Temperature Range	Price
095933	GT162	1/2" NPT	2-1/2" Diameter	32° - 250°F	

Heat Exchangers

Brazed Plate Heat Exchanger

- *Made of high quality acid-resistant stainless steel with 99.9% pure copper brazing*
- *Compact, lightweight, and designed for a variety of applications including radiant heating, snow melt systems and domestic hot water*
- *Counterflow design resulting high turbulence and maximum heat transfer*

Part #	Mfg #	Input BTUH	Flow Rate	Boiler Pressure Drop PSI	Water @ 90 Temp Rise	Water Pressure Drop PSI	Rated 1st Hour	Price
041811	WMBP1-14E	40,000	1.7 gpm	0.2 psi	0.8 gpm	0.0 psi	86	

Heat Exchangers

(Brazed Plate Heat Exchanger)



- *Single wall copper brazed*
- *High heat transfer coefficient*
- *Small size with high heat transfer capacity*
- *Cost efficient*
- *Stainless steel 1-1/8" solder*
- *Easily installed*

Part #	Mfg #	Size	Connection	Price
122451	LA14-20	7.5" x 3" x 2.29"	3/4"	
122452	LB31-30X	12" x 5" x 3.19"	1"	

Thermostatic Mixing Valves

AM-1 Series 3-Way Thermostatic Mixing Valve (Union Sweat)



- *Adjusts, maintains and limits the hot water temperature to a desired setting selected by user*
- *In domestic use, offers scalding protection and bacteria growth control*
- *Dual purpose mixing or diverting*
- *Proportional valve*
- *Nickel-plated brass construction, EPDM o-rings*

Part #	Mfg #	Pipe Size	Operating Temperature	Price
099800	AM-101R-US-1	3/4"	80° - 180°F	
099799	AM-102R-US-1	1"	80° - 180°F	

Schwank Infrared Heating

Tube Heaters

BuilderSchwank Tube Heater

- *Line voltage thermostat ready*
- *Simple relay option for 24V thermostat*
- *Reflector & end caps improve IR heat output*
- *Swing-down cabinet service access*
- *Whisper quiet ceramic burner*



Part #	Mfg #	Capacity	Fuel	Length	Price
129056	S100-45-10	45	NG	10'	
129084	S100-45-20	45	NG	20'	
129085	S100-60-20	60	NG	20'	
129087	S100-60-30	60	NG	30'	
129088	S100-80-20	80	NG	20'	
129089	S100-80-30	80	NG	30'	
129090	S100-80-40	80	NG	40'	
129092	S100-100-20	100	NG	20'	
129093	S100-110-30	110	NG	30'	
129094	S100-110-40	110	NG	40'	
129095	S100-110-50	110	NG	50'	
129096	S100-130-30	130	NG	30'	
129098	S100-130-40	130	NG	40'	
129099	S100-130-50	130	NG	50'	
129101	S100-155-40	155	NG	40'	
129102	S100-155-50	155	NG	50'	
129103	S100-155-60	155	NG	60'	
129104	S100-175-50	175	NG	50'	
136923	S100-175-50L	175	LP	50'	
129106	S100-175-60	175	NG	60'	
137376	S100-175-60L	175	LP	60'	
129107	S100-175-70	175	NG	70'	
129109	S100-200-50	200	NG	50'	
129111	S100-200-60	200	NG	60'	
129112	S100-200-70	200	NG	70'	

Set Series WisperJet Two-Stage Tube Heater

- *2-Stage burner operation*
- *Status indicator lights*
- *Straight tube or "U" tube configuration*
- *Swing-down cabinet service access*
- *Whisper quiet ceramic burner*



Part #	Mfg #	Capacity	Fuel	Length	Price
129932	SET 80/60	80/60	NG	20'	
129933	SET 80/60	80/60	NG	30'	

Tube Heaters (Continued)

Set Series WisperJet Two-Stage Tube Heater

Part #	Mfg #	Capacity	Fuel	Length	Price
129937	SET 110/75	110/75	NG	30'	
129940	SET 110/75	110/75	NG	40'	
129941	SET 130/90	130/90	NG	30'	
129942	SET 130/90	130/90	NG	40'	
129943	SET 155/110	155/110	NG	40'	
129944	SET 155/110	155/110	NG	50'	
129945	SET 175/125	175/125	NG	50'	
129947	SET 200/140	200/140	NG	50'	
129948	SET 200/140	200/140	NG	60'	

PremierSchwank Tube Heater

- *Line voltage or 24V thermostat ready*
- *Status indicator lights*
- *Power cord with plug*
- *4" Birdscreened combustion air collar*
- *Swing-down cabinet service access*
- *Whisper quiet ceramic burner*
- *'Focus shield' reflector and end caps for Premier IR heat output*
- *Emissive coated radiant tubes*



Part #	Mfg #	Capacity	Fuel	Length	Price
135859	STS-JZ-45-10	45	NG	10'	
143710	STS-JZ-80-30	80	NG	30'	
143292	STS-JZ-80-40	80	NG	40'	
136504	STS-JZ-1104 0	110	NG	40'	
136509	STS-JZ-1305 0	130	NG	50'	
136967	STS-JZ-1556 0	155	NG	60'	

Tube Heater Accessories

Burner Kit

Part #	Mfg #	Description	Price
129916	JS-080T-BN	NG Burner Kit for SET 80/60	
129918	JS-155T-BN	NG Burner Kit for SET 155/110	
129920	JS-200T-BN	NG Burner Kit for SET 200/140	
137325	JS-110P-BN	NG Burner Kit for STW-JZ-110	
144704	JS-130P-BN	NG Burner Kit for STW-JZ-130	
128974	JS-E045-BN	NG Burner Kit for S100 45	

Schwank Infrared Heating

Tube Heater Accessories (Continued)

Burner Kit

Part #	Mfg #	Description	Price
128980	JS-E060-BN	NG Burner Kit for S100 60	
128981	JS-E080-BN	NG Burner Kit for S100 80	
128982	JS-E100-BN	NG Burner Kit for S100 100	
128983	JS-E110-BN	NG Burner Kit for S100 110	
128984	JS-E130-BN	NG Burner Kit for S100 130	
128985	JS-E155-BN	NG Burner Kit for S100 155	
128986	JS-E175-BN	NG Burner Kit for S100 175	
136851	JS-E175-BL	LP Burner Kit for S100 175	
128987	JS-E200-BN	NG Burner Kit for S100 200	
136171	JS-R045-AN	NG Burner Kit for STR-JZ-45	
136501	JS-S110-AN	NG Burner Kit for STS-JZ-110	
136505	JS-S130-AN	NG Burner Kit for STS-JZ-130	
136965	JS-S155-AN	NG Burner Kit for STS-JZ-155	

Tube Kit

- *Stand-alone tube kits require no additional tube kits*
- *Primary tube kits require at lest one additional secondary tube kit*
- *Secondary tube kits require a primary tube kit*
- *Kits include:*
  - *Tubes*
  - *Reflectors*
  - *Hanger*
  - *Tube couplers*

Part #	Mfg #	Description	Price
128988	TM-4510-SX	10' Stand-Alone Kit for S100-45	
135829	TS-4510-JZ	10' Stand-Alone Kit for STR-JZ-45	
128990	TM-1020-SX	20' Stand-Alone Kit for S100-100	
128989	TM-1420-SX	20' Stand-Alone Kit for SET80/60	
136172	TS-1420-JZ	20' Stand-Alone Kit for STR-JZ-45 & 60	
128991	TM-1430-SX	30' Stand-Alone Kit for SET80/60, 110/75, & 130/90	
128992	TM-1040-SX	40' Stand-Alone Kit for SET110/75, 130/90, & 155/110	
136502	TS-1040-JZ	40' Stand-Alone Kit for STS-JZ-80/110/130/155	
128994	TM-1030-SX	30' Primary Kit for SET175/125 & 200/140	
128993	TM-F030-SX	30' Primary Kit for SET155/110	
136506	TS-F030-JZ	30' Primary Kit for STS-JZ-110/130/155	

Tube Heater Accessories (Continued)

Tube Kit

Part #	Mfg #	Description	Price
137323	TW-F030-JZ	30' Primary Kit for SPW/STW-JZ-110/130/155	
128999	TM-1010-SX	10' Secondary Kit for S100	
128996	TM-0020-SX	20' Secondary Kit for SET	
128997	TM-0030-SX	30' Secondary Kit for SET	
136507	TS-0020-JZ	20' Secondary Kit for STS-JZ	
137324	TW-0020-JZ	20' Secondary Kit for SPW-JZ or STW-JZ	
136966	TS-0030-JZ	30' Secondary Kit for STS-JZ	
128998	TM-0040-SX	40' Secondary Kit for S100	

LP Conversion Kit

Part #	Mfg #	Description	Price
129000	JS-0556-XE	45 MBTUH NG to LP	
129001	JS-0557-XX	60 MBTUH NG to LP	
129002	JS-0559-XX	80/60 MBTUH NG to LP	
129847	JS-0555-TG	110/75 MBTUH NG to LP	
129929	JS-0555-TK	130/90 MBTUH NG to LP	
129930	JS-0555-TO	155/110 MBTUH NG to LP	
129129	JS-0565-XX	155 MBTUH NG to LP	

JOHN J. MORGAN CO.

Reznor Parts

Part #	Mfg #	Description	Price
066083	Rezbrkt	Low Ceiling Mounting Bracket	

Condensing Units - Single Phase

JS4B Series Residential Air Conditioners

- *ComfortAlert™ module detects system & electrical problem conditions*
- *Copeland scroll UltraTech™ compressor*
- *Galvanized steel with polyester urethane finish cabinet*
- *Composite base pan*
- *Copper tube/aluminum fin coils*
- *Permanently lubricated motors*
- *Full port service valves*
- *Swept-wing fan blade & louvered condenser guard*
- *Removable top grille assembly*
- *One piece top/orifice*
- *2-1/2" Pedestal base*
- *Easy compressor and control access*
- *208/230-60-1 Electrical*
- *10-Year all-parts warranty (product registration required)*



10 YEAR WARRANTY

14 SEER - R-410A - 208/230-1-60 - JS4BE Series A/C

1 YEAR QUALITY PLEDGE

- *Copper tube/aluminum fin coils*
- *1-Year quality pledge on compressor unit (product registration required)*

Part #	Mfg #	Order #	Nominal Capacity MBTUH	Sizes Liquid, Suction	Refrigerant Dimensions H x W x D	SEER	Approx Ship Wt	Price
118698	JS4BE-018K	919591J	18 (1.5 Ton)	3/8", 3/4"	31" x 30-3/4" x 30-3/4"	14.0	171 lbs	
118699	JS4BE-024K	919592J	24 (2.0 Ton)	3/8", 3/4"	31" x 30-3/4" x 30-3/4"	14.0	175 lbs	
118700	JS4BE-030K	919593J	30 (2.5 Ton)	3/8", 3/4"	35" x 30-3/4" x 30-3/4"	14.0	180 lbs	
118701	JS4BE-036K	919594J	36 (3.0 Ton)	3/8", 3/4"	39" x 30-3/4" x 30-3/4"	14.0	185 lbs	
118702	JS4BE-042K	919595J	42 (3.5 Ton)	3/8", 7/8"	43" x 30-3/4" x 30-3/4"	14.0	190 lbs	
118703	JS4BE-048K	919596J	48 (4.0 Ton)	3/8", 7/8"	43" x 30-3/4" x 30-3/4"	14.0	232 lbs	
118704	JS4BE-060K	919597J	60 (5.0 Ton)	3/8", 7/8"	43" x 30-3/4" x 30-3/4"	14.0	235 lbs	

13 SEER - High Efficiency Single-Phase - R-410A - JS4BD Series

Part #	Mfg #	Order #	Nominal Capacity MBTUH	Sizes Liquid, Suction	Refrigerant Dimensions H x W x D	SEER	Approx Ship Wt	Price
118705	JS4BD-018KA	919584J	18 (1.5 Ton)	3/8", 3/4"	23" x 22-3/4" x 22-3/4"	13-14	114 lbs	
118706	JS4BD-024KA	919585J	24 (2.0 Ton)	3/8", 3/4"	23" x 22-3/4" x 22-3/4"	13-14	130 lbs	
118707	JS4BD-030KA	919585J	30 (2.5 Ton)	3/8", 3/4"	27" x 22-3/4" x 22-3/4"	13-14	144 lbs	
118708	JS4BD-036KA/B	919587J	36 (3.0 Ton)	3/8", 3/4"	27" x 22-3/4" x 22-3/4"	13-14	146 lbs	
118710	JS4BD-042KA	919588J	42 (3.5 Ton)	3/8", 7/8"	31" x 30-3/4" x 30-3/4"	13-14	196 lbs	
118711	JS4BD-048KA	919589J	48 (4.0 Ton)	3/8", 7/8"	31" x 30-3/4" x 30-3/4"	13-14	196 lbs	
118712	JS4BD-060KA	919590J	60 (5.0 Ton)	3/8", 7/8"	43" x 30-3/4" x 30-3/4"	13-14	228 lbs	

Condensing Units - Single Phase

JS5B Series Residential Air Conditioners

- *Galvanized steel with polyester urethane finish cabinet*
- *Copper tube/aluminum fin coils*
- *Permanently lubricated motors*
- *Full service valves*
- *Complete metal wrapper*
- *Removable top grille assembly*
- *One-piece top/orifice*
- *2-1/2" Pedestal base*
- *Easy compressor and control access*
- *208/230-60-1 Electrical*
- *10-Year all-parts warranty (product registration required)*



13 SEER - High Efficiency - JS5BD Series

Part #	Mfg #	Order #	Nominal Capacity MBTUH	Sizes Liquid, Suction	Refrigerant Dimensions H x W x D	SEER	Approx Ship Wt	Price
119544	JS5BD-018KA	919370J	18 (1.5 Ton)	3/8", 3/4"	22-1/2" x 22-1/2" x 22-1/2"	13-14	107 lbs	
119545	JS5BD-024KA	919371J	24 (2.0 Ton)	3/8", 3/4"	26-1/2" x 22-1/2" x 22-1/2"	13-14	117 lbs	
119546	JS5BD-030KA	919372J	30 (2.5 Ton)	3/8", 3/4"	34-1/2" x 22-1/2" x 22-1/2"	13-14	129 lbs	
119547	JS5BD-036KA	919373J	36 (3.0 Ton)	3/8", 3/4"	34-1/2" x 22-1/2" x 22-1/2"	13-14	129 lbs	
119548	JS5BD-042KA	919374J	42 (3.5 Ton)	3/8", 7/8"	30-1/2" x 30-1/2" x 30-1/2"	13-14	162 lbs	
119549	JS5BD-048KA	919375J	48 (4.0 Ton)	3/8", 7/8"	30-1/2" x 30-1/2" x 30-1/2"	13-14	183 lbs	
119550	JS5BD-060KA	919376J	60 (5.0 Ton)	3/8", 7/8"	42-1/2" x 30-1/2" x 30-1/2"	13-14	238 lbs	

Condensing Units - Single Phase

Ultra® Series Single Phase Air Conditioners with Comfort Control$_2$ System™

- *Low profile 33" design*
- *Legacy enabled - unit can be conventionally wired*
- *Comfort Control System™*
  - *Serial communication enabled*
  - *Increased system reliability and efficiency*
  - *32+ On-board diagnostic and operating codes*
  - *Active Protection™ with homeowner "Call for Service" alert*
  - *Ruud exclusive dual 7-segment LED display*
- *Fault recall feature allows for the last 6 fault codes to be displayed*
- *Serial communication enhanced when installed with a Serial Communicating Air Handler (RHPL/RHPN-HM****JC) and user interface control (UHC-TST501CMMS) Series 500 thermostat this unit offers 4 or 2 wire installation, auto-configuration, and diagnostic messaging with full communicating capability*
- *Sealed switch replaces the standard contactor and features optical control and latching mechanism*
- *Built-in short cycle protection*
- *Scroll 2-stage Ultra Tech™ compressor*
- *ECM 2-Speed condenser fan motor and 3-blade outdoor fan*
- *Hard start kit standard*
- *Attractive, louvered wrap-around jacket*
- *Galvanized steel cabinet & base pan with powder coat painted finish for extreme durability*
- *Removable, steel reinforced top grille provides access to condenser fan motor and condenser coil*
- *Drawn, painted base for extra corrosion resistance and sound reduction*
- *All controls accessible by removing one service panel*
- *Separate compressor compartment for easy service access*
- *Factory-installed low and high pressure controls*
- *Liquid line filter-drier*
- *Enhanced compressor sound blanket*
- *Service valves standard on all units*
- *Copper tube-aluminum fin coils*
- *Energy Star® rated*



16 SEER R-410A 2-Stage Premium Ultra® Condensing Unit - UARL-JEC

- *Efficiencies ranging up to 17 SEER/13.80 EER*
- *10-Year conditional warranty unit replacement (registration required)*
- *10-Year limited compressor warranty*
- *10-Year limited parts warranty (registration required)*

Part #	Mfg #	Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Price
123452	UARL-024JEC	2.0	24,000	208/230-1-60	23" x 31-1/2" x 44-3/8"	3/8", 3/4"	

Condensing Units - Single Phase

Ultra® Series Single Phase Air Conditioners with Comfort Control System™

- *Comfort Control System™ provides on-board diagnostic and fault history*
- *Active Protection™ prevents compressor operation when potentially harmful conditions are detected*
- *Scroll compressor*
- *Exclusive 7-Segment LED display quickly and accurately shows technicians the source of malfunctions*
- *Hard start kit*
- *Automatic reset high and low pressure controls*
- *Cabinet is constructed of powder painted galvanized steel for extreme durability*
- *Full wrap-around louvered grille protects the coil from damage*
- *Combination grille/motor mount*
- *Air discharged upward*
- *Compressor sound blanket*
- *Service valves*
- *Liquid line filter-drier*
- *Copper tube-aluminum fin coils are used on all models*
- *Drawn, painted base pan for extra corrosion resistance and sound reduction*
- *Energy Star® rated*

ULTRA Series



ENERGY STAR

14.5 SEER R-410A Ultra® Condensing Unit - UAPM-JEZ

- *Efficiencies ranging up to 16 SEER in specific match-ups*
- *5-Year conditional warranty unit replacement (registration required)*
- *10-Year limited compressor warranty*
- *10-Year limited parts warranty (registration required)*

Part #	Mfg #	Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Price
123294	UAPM-018JEZ	1.5	18,000	208/230-1-60	19" x 27-5/8" x 40-1/2"	3/4", 3/8"	
123295	UAPM-024JEZ	2.0	24,000	208/230-1-60	29" x 31-1/2" x 44-3/8"	3/4", 3/8"	
123297	UAPM-030JEZ	2.5	30,000	208/230-1-60	29" x 31-1/2" x 44-3/8"	3/4", 3/8"	
123298	UAPM-036JEZ	3.0	36,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	
123299	UAPM-042JEZ	3.5	42,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	
123300	UAPM-048JEZ	4.0	48,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	
123301	UAPM-060JEZ	5.0	60,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	

Condensing Units - Single Phase

Achiever® Series Single Phase Premium Condensing Units

- *Scroll compressor*
- *Automatic reset high and low pressure controls*
- *Top grille is steel reinforced, air is discharged upward*
- *Cabinet is constructed of powder painted galvanized steel for extreme durability*
- *Full wrap-around louvered grille protects the coil from damage*
- *Combination grille/motor mount*
- *Copper tube-aluminum fin coils are used on all models*
- *Drawn, painted base pan for extra corrosion resistance and sound reduction*
- *Single speed 8-pole fan motor designed for low speed, quiet, energy-saving operation*
- *Auto reset high & low pressure controls*
- *Service valves standard*
- *Liquid line filter-drier standard*
- *Energy Star® rated*



14 SEER R-410A Achiever® Series Condensing Unit - UAPM-JAZ

- *10-Year limited warranty on single-phase compressor (registration required)*
- *5-Year limited warranty on three-phase compressor*
- *10-Year conditional warranty on parts (registration required)*

Part #	Mfg #	Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Price
122766	UAPM-018JAZ	1.5	18,000	203/280-1-60	19" x 27-5/8" x 40-1/2"	3/8", 3/4"	
122767	UAPM-024JAZ	2.0	24,000	203/280-1-60	29" x 31-1/2" x 44-3/8"	3/8", 3/4"	
122768	UAPM-030JAZ	2.5	30,000	203/280-1-60	29" x 31-1/2" x 44-3/8"	3/8", 3/4"	
122769	UAPM-036JAZ	3.0	36,000	203/280-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	
122770	UAPM-042JAZ	3.5	42,000	203/280-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	
122771	UAPM-048JAZ	4.0	48,000	203/280-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	
122772	UAPM-060JAZ	5.0	60,000	203/280-1-60	33" x 31-1/2" x 44-3/8"	3/8, 7/8"	

13 SEER R-410A Achiever® Series Condensing Unit - UANL-*AZ

- *10-Year limited warranty on single-phase compressor (registration required)*
- *5-Year limited warranty on three-phase compressor*
- *10-Year conditional warranty on parts (registration required)*

Part #	Mfg #	Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Price
091861	UANL-018JAZ	1.5	18,000	208/230-1-60	19" x 23-3/4" x 35-1/2"	3/8", 3/4"	
091862	UANL-024JAZ	2.0	24,000	208/230-1-60	19" x 27-5/8" x 40-1/2"	3/8", 3/4"	
120294	UANL-031JAZ	2.5	30,000	208/230-1-60	19" x 27-5/8" x 40-1/2"	3/8", 3/4"	
120297	UANL-037JAZ	3.0	36,000	208/230-1-60	23" x 31-1/2" x 44-3/8"	3/8", 7/8"	
120300	UANL-043JAZ	3.5	42,000	208/230-1-60	23" x 31-1/2" x 44-3/8"	3/8", 7/8"	
120303	UANL-049JAZ	4.0	48,000	208/230-1-60	29" x 31-1/2" x 44-3/8"	3/8", 7/8"	
091867	UANL-060JAZ	5.0	60,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	

Condensing Units - Single Phase

Value Series Single Phase Air Conditioners

- *Painted louvered galvanized steel cabinet*
- *Full metal jacket*
- *Easily accessible control box*
- *Coils constructed with copper tubing and enhanced aluminum fins*
- *Grille/motor mount for quiet fan operation*
- *Air is discharged upward*
- *Base pan encourages drainage of condensation*
- *Filter-drier (shipped not installed)*



14.5 SEER R-410A Value Series Cube Condensing Unit - 14AJM

- *Energy Star® rated*
- *10-Year conditional warranty on compressor (registration required)*
- *10-Year conditional warranty on parts (registration required)*
- *5-Year limited warranty on condenser coil leaks caused by factory defects (registration required)*

Part #	Mfg #	Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Price
124633	14AJM-18A01	1.5	18,000	208/230-1-6027	3/8" x 31-5/8" x 31-5/8"	3/8", 3/4"	
124634	14AJM-24A01	2.0	24,000	208/230-1-6027	3/8" x 31-5/8" x 31-5/8"	3/8", 3/4"	
124635	14AJM-30A01	2.5	30,000	208/230-1-6027	3/8" x 31-5/8" x 31-5/8"	3/8", 3/4"	
124637	14AJM-36A01	3.0	36,000	208/230-1-6035	3/8" x 31-5/8" x 31-5/8"	3/8", 7/8"	
124636	14AJM-42A01	3.5	42,000	208/230-1-6035	3/8" x 31-5/8" x 31-5/8"	3/8", 7/8"	
135395	14AJM-49A01	4.0	49,000	208/230-1-6035	3/8" x 31-5/8" x 31-5/8"	3/8", 7/8"	
124640	14AJM-60A01	5.0	60,000	208/230-1-6035	3/8" x 31-5/8" x 31-5/8"	3/8", 7/8"	

13 SEER R-410A Value Series Cube Condensing Unit - 13AJM

- *Energy Star® rated*
- *10-Year conditional warranty on compressor (registration required)*
- *10-Year conditional warranty on parts (registration required)*
- *5-Year limited warranty on condenser coil leaks caused by factory defects (registration required)*

Part #	Mfg #	Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Price
127118	13AJM-18A01	1.5	18,000	208/230-1-6024	1/4" x 23-5/8" x 23-5/8"	3/8", 3/4"	
127120	13AJM-24A01	2.0	24,000	208/230-1-6024	1/4" x 23-5/8" x 23-5/8"	3/8", 3/4"	
127121	13AJM-30A01	2.5	30,000	208/230-1-6024	1/4" x 27-5/8" x 27-5/8"	3/8", 3/4"	
127122	13AJM-36A01	3.0	36,000	208/230-1-6027	15/16" x 31-5/8" x 31-5/8"	3/8", 3/4"	
127123	13AJM-42A01	3.5	42,000	208/230-1-6027	15/16" x 31-5/8" x 31-5/8"	3/8", 7/8"	
127124	13AJM-48A01	4.0	48,000	208/230-1-6035	15/16" x 31-5/8" x 31-5/8"	3/8", 7/8"	
127125	13AJM-60A01	5.0	60,000	208/230-1-6035	15/16" x 31-5/8" x 31-5/8"	3/8", 7/8"	

13 SEER Dry R-22 Value Series Cube Condensing Unit - 13AJA

- *5-Year limited warranty on parts and compressor(registration required)*
- *5-Year limited warranty on condenser coil leaks (registration required)*

Part #	Mfg #	Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Price
137311	13AJA-18A01757	1.5	18,000	208/230-1-6024	1/4" x 23-5/8" x 23-5/8"	3/8", 3/4"	
137312	13AJA-24A01757	2.0	24,000	208/230-1-6024	1/4" x 23-5/8" x 23-5/8"	3/8", 3/4"	

Condensing Units - Single Phase

Value Series Single Phase Air Conditioners (Continued)

13 SEER Dry R-22 Value Series Cube Condensing Unit - 13AJA

Part #	Mfg #	Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Price
137313	13AJA-30A01757	2.5	30,000	208/230-1-60	24-1/4" x 27-5/8" x 27-5/8"	3/8", 3/4"	
137314	13AJA-36A01757	3.0	36,000	208/230-1-60	27-15/16" x 31-5/8" x 31-5/8"	3/8", 7/8"	
137315	13AJA-42A01757	3.5	42,000	208/230-1-60	27-15/16" x 31-5/8" x 31-5/8"	3/8", 7/8"	
137316	13AJA-48A01757	4.0	48,000	208/230-1-60	27-15/16" x 31-5/8" x 31-5/8"	3/8", 7/8"	
137317	13AJA-60A01757	5.0	60,000	208/230-1-60	35-15/16" x 31-5/8" x 31-5/8"	3/8", 7/8"	

13 SEER

13 SEER Achiever® Series Single Stage Condensing Unit



- *New composite base pan - dampens sound, captures louver panels, eliminates corrosion and reduces number of fasteners needed*
- *Powder coat paint system - for long lasting professional finish*
- *Scroll compressor - uses 70% fewer moving parts for higher efficiency*
- *Modern cabinet aesthetics - increased curb appeal with visually appealing design*
- *Curved louver panels - provide ultimate coil protection, enhance cabinet strength, and increased cabinet rigidity*
- *Optimized fan orifice - optimizes airflow and reduces unit sound*
- *Rust resistant screws - confirmed through 1500-hour salt spray testing*
- *PlusOne™ **expanded valve space** - 3"-4"-5" service valve space - provides a minimum working area of 27-square inches for easier access*
- *PlusOne™ **triple service access** - 15" wide, industry leading corner service access - makes repairs easier and faster. The two fastener removable corner allows optimal access to internal unit components. Individual louver panels come out once fastener is removed, for faster coil cleaning and easier cabinet reassembly*
- *Diagnostic service window with two-fastener opening - provides access to the high and low pressure.*
- *External gauge port access - allows easy connection of "low-loss" gauge parts*
- *Single-row condenser coil - makes unit lighter and allows thorough coil cleaning to maintain "out of the box" performance*
- *35% fewer cabinet fasteners and fastener-free base - allow for faster access to internal components and hassle-free panel removal*
- *Service trays - hold fasteners or caps during service calls*
- *QR code - provides technical information on demand for faster service calls*
- *Fan motor harness with extra long wires allows unit top to be removed without disconnecting fan wire.*

Standard Units

Part #	Mfg #	Tons	Nom Capacity BTU/H	Electrical	CFM, RPM	Line Sets Liq, Suction	Ship Wt	Price
171633	RA1318AJ1NA	1.5	18,000	208/230/1/60	2040,1075	3/8", 3/4"	127 lbs	
171634	RA1324AJ1NA	2.0	24,000	208/230/1/60	2325,1075	3/8",3/4"	129 lbs	
171635	RA1330AJ1NA	2.5	30,000	208/230/1/60	2795,1075	3/8",3/4"	140 lbs	
171636	RA1336AJ1NA	3.0	36,000	208/230/1/60	2900,1075	3/8", 3/4"	150 lbs	
171637	RA1342AJ1NA	3.5	42,000	208/230/1/60	2465,1075	3/8",7/8"	173 lbs	
171638	RA1348AJ1NA	4.0	48,000	208/230/1/60	4145,850	3/8",7/8"	182 lbs	

Condensing Units

13 SEER (Continued)

13 SEER Achiever® Series Single Stage Condensing Unit

Standard Units

Part #	Mfg #	Nom Capacity Tons	Nom Capacity BTU/H	Electrical	CFM, RPM	Line Sets Liq, Suction	Ship Wt	Price
171639	RA1360AJ1NA	5.0	60,000	208/230/1/60	3870,820	3/8",7/8"	192 lbs	

High/Low Pressure Units

Part #	Mfg #	Nom Capacity Tons	Nom Capacity BTU/H	Electrical	CFM, RPM	Line Sets Liq, Suction	Ship Wt	Price
171641	RA1336AC1NB	3.0	36,000	208/230/1/60	2900,1075	3/8", 3/4"	150 lbs	
171643	RA1342AC1NB	3.5	42,000	208/230/1/60	2465,1075	3/8",7/8"	173 lbs	
171644	RA1348AC1NB	4.0	48,000	208/230/1/60	4145,850	3/8",7/8"	182 lbs	
171645	RA1360AC1NB	5.0	60,000	208/230/1/60	3870,820	3/8",7/8"	192 lbs	

14 SEER

14 SEER Achiever® Series Single Stage Condensing Unit



- *New composite base pan - dampens sound, captures louver panels, eliminates corrosion and reduces number of fasteners needed*
- *Powder coat paint system - for a long lasting professional finish*
- *Scroll compressor - uses 70% fewer moving parts for higher efficiency*
- *Curved louver panels - provide ultimate coil protection, enhance cabinet strength, and increased cabinet rigidity*
- *Optimized fan orifice - optimizes airflow and reduces unit sound*
- *Rust resistant screws - confirmed through 1500-hour salt spray testing*
- *PlusOne™ Expanded Value Space - 3" -4"-5" service valve space - provides a minimum working area of 27-square inches for easier access*
- *PlusOne™ Triple Service Access - 15" wide, industry leading corner service access - makes repairs easier and faster. The two fastener removable corner allows optimal access to the internal unit components. Individual louver panels come out once fastener is removed, for faster coil cleaning and easier cabinet reassembly*
- *Diagnostic service window with two-fastener opening - provides access to the high and low pressure*
- *External gauge port access - allows easy connection of "low-loss" gauge ports*
- *Single-row condenser coil - makes unit lighter and allows thorough coil cleaning*
- *35% Fewer cabinet fasteners and fastener-free base - allow for faster access to internal component and hassle-free panel removal*
- *Service trays - hold fasteners or caps during service calls*
- *QR code - provides technical information on demand for faster service calls*
- *Fan motor harness with extra long wires allow unit top to be removed without disconnecting fan wire*

Standard Units

Part #	Mfg #	Nom Capacity Tons	Nom Capacity BTU/H	Electrical	CFM, RPM	Line Sets Liq, Suction	Ship Wt	Price
171646	RA1418AJ1NA	1.5	18,000	208/230/1/60	2225,1075	3/8", 3/4"	125 lbs	

Condensing Units

14 SEER (Continued)

14 SEER Achiever® Series Single Stage Condensing Unit

Standard Units

Part #	Mfg #	Nom Capacity Tons	Nom Capacity BTU/H	Electrical	CFM, RPM	Line Sets Liq, Suction	Ship Wt	Price
171647	RA1424AJ1NA	2.0	24,000	208/230/1/60	2505,1070	3/8", 3/4"	125 lbs	
171648	RA1430AJ1NA	2.5	30,000	208/230/1/60	2605,1075	3/8", 3/4"	148 lbs	
171649	RA1436AJ1NA	3.0	36,000	208/230/1/60	3105,805	3/8", 3/4"	157 lbs	
171650	RA1442AJ1NA	3.5	42,000	208/230/1/60	4265,820	3/8", 7/8"	199 lbs	
171651	RA1448AJ1NA	4.0	48,000	208/230/1/60	4265,820	3/8", 7/8"	200 lbs	
171652	RA1460AJ1NA	5.0	60,000	208/230/1/60	4140,850	3/8", 7/8"	210 lbs	

High/Low Pressure Units

Part #	Mfg #	Nom Capacity Tons	Nom Capacity BTU/H	Electrical	CFM, RPM	Line Sets Liq, Suction	Ship Wt	Price
171653	RA1436AC1NB	3.0	36,000	208/230/3/60	3105,850	3/8", 3/4"	157 lbs	
171654	RA1442AC1NB	3.5	42,000	208/230/3/60	4265,820	3/8", 7/8"	199 lbs	
171655	RA1448AC1NB	4.0	48,000	208/230/3/60	4265,820	3/8", 7/8"	200 lbs	
171656	RA1460AC1NB	5.0	60,000	208/230/3/60	4140,850	3/8", 7/8"	210 lbs	

Condensing Units

16 SEER

16 SEER Achiever® Series Single Stage Condensing Unit



- *New composite base pan - dampens sound, captures louver panels, eliminates corrosion and reduces number of fasteners needed*
- *Powder coat paint system - for a long lasting professional finish*
- *Scroll compressor - uses 70% fewer moving parts for higher efficiency and increased reliability*
- *Modern cabinet aesthetics - increased curb appeal with visually appealing design*
- *Curved louver panes - provide ultimate coil protection, enhance cabinet strength, and increased cabinet rigidity*
- *Optimized face orifice - optimizes airflow and reduces unit sound*
- *Rust resistant screws - confirmed through 1500-hour salt spray testing*
- *PlusOne™ Expanded Valve Space - 3" -4" -5" service valve space - provides a minimum working area of 27-square inches for easier access*
- *PlusOne™ Triple Service Access - 15" wide, industry leading corner service access - makes repairs easier and faster. The two fastener removable corner allows optimal access to internal unit components. Individual louver panels come out once fastener is removed, for faster coil cleaning and easier cabinet reassembly*
- *Diagnostic service window with two-fastener opening - provides access to the high and low pressure.*
- *External gauged port access - allows easy connection of "low-loss" gauge ports*
- *Single-row condenser coil - makes unit lighter and allows thorough coil cleaning to maintain "out of the box" performance*
- *35% Fewer cabinet fasteners and fastener-free base - allow for faster access to internal components and hassle-free panel removal*
- *Service trays - hold fasteners or caps during service calls*
- *QR code - provides technical information on demand for faster service calls*
- *Fan motor harness with extra long wires allows unit top to be removed without disconnecting fan wire.*

Standard Units

Part #	Mfg #	Tons	Nom Capacity BTU/H	Electrical	CFM, RPM	Line Sets Liq, Suction	Ship Wt	Price
171657	RA1618AJ1NA	1.5	18,000	208/230-1-60	2404,1095	3/8",3/4"	147 lbs	
171658	RA1624AJ1NA	2.0	24,000	208/230-1-60	2851,851	3/8",3/4"	149 lbs	
171659	RA1630AJ1NA	2.5	30,000	208/230-1-60	3914,840	3/8",3/4"	159 lbs	
171660	RA1636AJ1NA	3.0	36,000	208/230-1-60	4340,819	3/4",3/8"	177 lbs	
171661	RA1642AJ1NA	3.5	42,000	208/230-1-60	4450,829	3/4",7/8"	212 lbs	
171662	RA1648AJ1NA	4.0	48,000	208/230-1-60	4658,828	3/8",7/8"	232 lbs	
173277	RA1660AJ1NA	5.0	60,000	208/230-1-60	1775,795	3/8",7/8"	247 lbs	

High/Low Pressure Units

Part #	Mfg #	Tons	Nom Capacity BTU/H	Electrical	CFM, RPM	Line Sets Liq, Suction	Ship Wt	Price
171663	RA1636AC1NB	3.0	36,000	208/230-3-60	4340,819	3/4",3/8"	177 lbs	
171664	RA1642AC1NB	3.5	42,000	208/230-3-60	4450,829	3/4",7/8"	212 lbs	
171665	RA1648AC1NB	4.0	48,000	208/230-3-60	4658,828	3/4",7/8"	232 lbs	
171666	RA1660AC1NB	5.0	60,000	208/230-3-60	4776,795	3/8",7/8"	247 lbs	

Condensing Units

16 SEER Ultra™ Series Two-Stage Condensing Unit



- *7-Segment LED Display is exclusive only to Ruud products. The information display quickly and accurately shows technicians the source of malfunctions.*
- *Ten-year conditional unit replacement warranty.*
- *Reliable Copeland Two-Stage Scroll™ Compressor for precise temperature control providing ultimate comfort.*
- *Comfort Alert™ Diagnostics comes installed in each Ruud Ultra Series® model.*
- *All controls are accessible by removing one service panel. Removable top grille provides access to the condenser fan motor and condenser coil.*
- *Attractive, louvered wrap-around jacket protects the coil from yard hazards and weather extremes. Top grille is steel reinforced for extra strength. Cabinet is powder painted for all-weather protection.*
- *Air is discharged upward away from bushes and shrubs. The discharge pattern of the top grille provides minimum air restriction, resulting in quiet fan operation.*
- *Exclusive Combination Grille/Motor Mount secures the motor to the underside of the discharge grille. The grille protects the motor windings and bearings from rain and snow.*
- *For quiet operation and improved efficiency, the 2, 3 and 4 ton models feature an 8-pole motor with a 3-blade outdoor fan.*
- *The 5 ton model features the GE® ECM two-speed motor with 3-blade outdoor fan.*
- *All models meet or exceed a 1000-hour salt spray test per ASTM B117*
- *Standard Practice for Operating Salt Spray Testing Apparatus.*
- *On-demand dehumidification terminal, when matched with a Ultra Series® Air*
- *Handler or premium ECM Gas Furnace products, adjusts airflow to help control humidity for unsurpassed comfort in the cooling mode.*

JEZ

Equiped with the Comfort Control System™

Cooling Connection Fitting - Sweat w/ Scroll

Part #	Mfg #	Nom Capacity Tons	Nom Capacity BTU/H	Electrical	CFM	Line Sets Liq, Suction	Ship Wt	Price
156868	UARL-025JEZ	2.0	24,000	208/230-1-60	2285	5/16",3./4"	210 lbs	
152662	UARL-038JEZ	3.0	36,000	208/230-1-60	3400	5/16",3/4"	229 lbs	
151419	UARL-049JEZ	4.0	48,000	208/230-1-60	3400	3/8",7/8"	265 lbs	
156870	UARL-061JEZ	5.0	60,000	208/203-1-60	3500	3/8",7/8"	296 lbs	

JEC

Equipped with the Comfort Control System™

		Nom Capacity Tons	Nom Capacity BTU/H	Electrical	CFM	Line Sets Liq, Suction	Ship Wt	
156869	UARL-025JEC	2.0	24,000	208/230-1-60	2285	5/16",3/4"	210 lbs	
156872	UARL-038JEC	3.0	36,000	208/230-1-60	3400	5/16",3/4"	229 lbs	
123455	UARL-049JEC	4.0	48,000	208/230-1-60	3400	3/8",7/8"	265 lbs	
156871	UARL-061JEC	5.0	60,000	208/230-1-60	3500	3/8",7/8"	296 lbs	

Condensing Units - Three Phase

Achiever® Series Three Phase Premium Condensing Units

- *Scroll compressor*
- *Automatic reset high and low pressure controls*
- *Top grille is steel reinforced, air is discharged upward*
- *Cabinet is constructed of powder painted galvanized steel for extreme durability*
- *Full wrap-around louvered grille protects the coil from damage*
- *Combination grille/motor mount*
- *Copper tube-aluminum fin coils are used on all models*
- *Drawn, painted base pan for extra corrosion resistance and sound reduction*
- *Single speed 8-pole fan motor designed for low speed, quiet, energy-saving operation*
- *Auto reset high & low pressure controls*
- *Service valves standard*
- *Liquid line filter-drier standard*
- *Energy Star® rated*



13 SEER R-410A Achiever® Series Condensing Unit - UANL-*AZ

- *10-Year limited warranty on single-phase compressor (registration required)*
- *5-Year limited warranty on three-phase compressor*
- *10-Year conditional warranty on parts (registration required)*

Part #	Mfg #	Nom Capacity Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Ship Wt	Price
120295	UANL-037CAZ	3.0	36,000	208/230-3-60	23" x 31-1/2" x 44-3/8"	3/8", 7/8"	211.5 lbs	
120296	UANL-037DAZ	3.0	36,000	460-3-60	23" x 31-1/2" x 44-3/8"	3/8", 7/8"	203 lbs	
120298	UANL-043CAZ	3.5	42,000	208/230-3-60	23" x 31-1/2" x 44-3/8"	3/8", 7/8"	210.5 lbs	
120299	UANL-043DAZ	3.5	42,000	460-3-60	23" x 31-1/2" x 44-3/8"	3/8", 7/8"	210.5 lbs	
120301	UANL-049CAZ	4.0	48,000	208/230-3-60	29" x 31-1/2" x 44-3/8"	3/8", 7/8"	233.5 lbs	
120302	UANL-049DAZ	4.0	48,000	460-3-60	29" x 31-1/2" x 44-3/8"	3/8", 7/8"	233.5 lbs	
112289	UANL-060CAZ	5.0	60,000	208/230-3-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	260.0 lbs	
112293	UANL-060DAZ	5.0	60,000	460-3-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	260 lbs	

Condensing Units - Three Phase

Value Series Three Phase Air Conditioners

- *Painted louvered galvanized steel cabinet*
- *Full metal jacket*
- *Easily accessible control box*
- *Coils constructed with copper tubing and enhanced aluminum fins*
- *Grille/motor mount for quiet fan operation*
- *Air is discharged upward*
- *Base pan encourages drainage of condensation*
- *Filter-drier (shipped not installed)*



13 SEER R-410A Value Series Cube Condensing Unit - 13A*N

- *Energy Star® rated*
- *10-Year conditional warranty on compressor (registration required)*
- *10-Year conditional warranty on parts (registration required)*
- *5-Year limited warranty on condenser coil leaks caused by factory defects (registration required)*

Part #	Mfg #	Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Ship Wt	Price
144459	13ACN-36A01	3.0	36,000	208/230-3-60	24-1/4"x27-5/8"x27-5/8"	3/8",3/4"	157	
139898	13ACN-48A01	4.0	48,000	208/230-3-60	27-15/16"x31-5/8"x31-5/8"	3/8",7/8"	192	
139900	13ACN-60A01	5.0	60,000	208/230-3-60	35-15/16"x31-5/8"x31-5/8"	3/8",7/8"	234	

13 SEER Dry R-22 Value Series Cube Condensing Unit - 13AJA

- *5-Year limited warranty on parts and compressor(registration required)*
- *5-Year limited warranty on condenser coil leaks (registration required)*

Part #	Mfg #	Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Ship Wt	Price
139199	13ACA-36A01757	3.0	36,000	208/230-3-60	27-15/16" x 31-5/8" x 31-5/8"	3/8", 7/8"	202 lbs	
139200	13ACA-42A01757	3.5	42,000	208/230-3-60	27-15/16" x 31-5/8" x 31-5/8"	3/8", 7/8"	221 lbs	
139201	13ACA-48A01757	4.0	48,000	208/230-3-60	27-15/16" x 31-5/8" x 31-5/8"	3/8", 7/8"	274 lbs	
139202	13ADA-48A01757	4.0	48,000	460-3-60	27-15/16" x 31-5/8" x 31-5/8"	3/8", 7/8"	274 lbs	
139203	13ACA-60A01757	5.0	60,000	208/230-3-60	35-15/16" x 31-5/8" x 31-5/8"	3/8", 7/8"	272 lbs	
139205	13ADA-60A01757	5.0	60,000	460-3-60	35-15/16" x 31-5/8" x 31-5/8"	3/8", 7/8"	272 lbs	

Coils

Classic® Series MultiFlex® Indoor Coils

- *Available in upflow, downflow, and horizontal configurations*
- *Patented single-row, single-coil pleated concept results in extremely low pressure drops and ease of cleaning*
- *Constructed of enhanced aluminum fins bonded to inner grooved copper tubing*
- *Front refrigerant and drain connections for ease of installation*
- *Coils have sweat fitting refrigerant connections*
- *Primary condensate drain connections 3/4" FNPT*
- *Internal check valves*
- *Double-wall construction offers sturdiness, dead air space insulation*
- *5-Year warranty on all parts*



10 SEER Classic® Series Flowcheck Standard Cooling/Heat Pump Coil - RCBA

- *X Suffix - Unit has insulation*
- *I Suffix - Revised horizontal with insulation*

Part #	Mfg #	Type	Tons	Connection	Air Flow	Width	Price
055327	RCBA-2457GP	Uncased	1.5 - 2.0	Front	600 - 800 cfm	12-1/4"	
055328	RCBA-3765GP	Uncased	2.5 - 3.0	Front	1,000 - 1,200 cfm	15-3/4"	
055329	RCBA-4882GP	Uncased	4.0	Front	1,400 - 1,600 cfm	19-1/4"	
055330	RCBA-6089GP	Uncased	5.0	Front	2,000 cfm	22-3/4"	

Achiever® Series Coils for Gas & Oil Furnaces

- *Constructed of aluminum fins bonded to internally grooved copper tubing*
- *Coils are factory leak tested & have sweat refrigerant connections*
- *(2) Sets of 3/4" NPT condensate drain connections for easy connection*
- *Coils are ARI certified for system application with variety of Ruud Value Series outdoor units*
- *Condensate drain pan is constructed of high grade, heat resistant corrosion free thermal-set material*
- *Compatible with Germicidal Light System (UV resistant)*
- *Bi-directional airflow eliminates need to switch any internal components from horizontal left to right*
- *Universal duct flanges are included with all coil models*
- *Conditional parts warranty equal to limited parts warranty of outdoor model (registration required)*
- *5-Year limited parts warranty*



Cased



Uncased

18 SEER R-410A High Efficiency A/C or Heat Pump Multi-Position Coil for Gas & Oil Furnaces - RCFN

Part #	Mfg #	Type	Tons	Air-Flow CFM Range	Nominal Capacity BTUH	Face Area Sq Ft	Coil Size	Line Sets Liq, Suction	Ship Wt	Price
129888	RCFN-HM2417AC	Cased	2.0	600/800	24,000	5.70	17-1/2"	3/8", 3/4"	57 lbs	

Achiever® Series Coils for Gas & Oil Furnaces (Continued)

18 SEER R-410A High Efficiency A/C or Heat Pump Multi-Position Coil for Gas & Oil Furnaces - RCFN

Part #	Mfg #	Type	Tons	Air-Flow CFM Range	Nominal Capacity BTUH	Face Area Sq Ft	Coil Size	Line Sets Liq, Suction	Ship Wt	Price
129890	RCFN-HM2421AC	Cased	2.0	600/800	24,000	5.70	21"	3/8", 3/4"	60 lbs	
129891	RCFN-HM3624AC	Cased	3.0	825/1,175	36,000	9.98	24-1/2"	3/8", 7/8"	118 lbs	
129892	RCFN-HM4824AC	Cased	4.0	1,000/1,600	48,000	9.98	24-1/2"	3/8", 7/8"	118 lbs	
129893	RCFN-HM6024AC	Cased	5.0	1,050/1,700	60,000	9.98	24-1/2"	3/8", 7/8"	118 lbs	

16 SEER R-410A High Efficiency A/C or Heat Pump Multi-Position Coil for Gas & Oil Furnaces - RCFM

Part #	Mfg #	Type	Tons	Air-Flow CFM Range	Nominal Capacity BTUH	Face Area Sq Ft	Coil Size	Line Sets Liq, Suction	Ship Wt	Price
112102	RCFM-HM2421AC	Cased	2.0	600/800	24,000	5.70	21"	3/8", 3/4"	57 lbs	
112107	RCFM-HM6024AC	Cased	5.0	1,300/1,700	60,000	9.98	24-1/2"	3/8", 7/8"	118 lbs	

13-16 SEER R-410A A/C or Heat Pump Multi-Position Coil for Gas & Oil Furnaces - RCFL

Part #	Mfg #	Type	Tons	Air-Flow CFM Range	Nominal Capacity BTUH	Face Area Sq Ft	Coil Size	Line Sets Liq, Suction	Ship Wt	Price
090461	RCFL-HM2414AC	Cased*	1.5-2.0	600/1,000	18,000-24,000	4.56	14"	3/8", 3/4"	50 lbs	
090462	RCFL-HM2417AC	Cased	1.5-2.0	600/1,000	18,000-24,000	4.56	17-1/2"	3/8", 3/4"	51 lbs	
159504	RCFL-HM2514CC	Cased	2.0	600/1000	18,000-24,000	4.56	14"	3/8", 3/4"	50 lbs	
140773	RCFL-HM2617CC	Cased	1.5-2.0	900/1,400	18,000-24,000	5.70	17-1/2"	3/8", 3/4"	57 lbs	
090464	RCFL-HM3617AC	Cased	2.5-3.0	900/1400	30,000-36,000	5.70	17-1/2"	3/8", 3/4"	57 lbs	
090465	RCFL-HM3621AC	Cased	3.0	900/1,400	30,000-36,000	5.70	21"	3/8", 3/4"	60 lbs	
131741	RCFL-HM3821CC	Cased	3.0	1,200/1,800	30,000-36,000	8.55	21"	3/8", 7/8"	83 lbs	
131742	RCFL-HM3824CC	Cased	3.0	1,200/1,800	30,000-36,000	8.55	24-1/2"	3/8", 7/8"	99 lbs	
090466	RCFL-HM4821AC	Cased	3.5-4.0	1,200/1,800	42,000-48,000	8.55	21"	3/8", 7/8"	83 lbs	
090467	RCFL-HM4824AC	Cased	4.0	1,200/1,800	42,000-48,000	8.55	24-1/2"	3/8", 7/8"	99 lbs	
090468	RCFL-HM6024AC	Cased	5.0	1,600/1,900	60,000	9.98	24-1/2"	3/8", 7/8"	118 lbs	

*** 14" 2-Ton is part of the "N-Coil" design series, even though the coil shape resembles an "A" coil design**

Coils

R-410A Cased/Uncased Coils - Gas & Oil Furnaces - RCF



- *Rheem® Indoor Replacement Coils are designed for use with Rheem outdoor units and are available for vertical upflow or downflow, and horizontal left or horizontal right airflow. When matched with Rheem outdoor units, the coils provide a nominal capacity range from 18,000 BTU/HR [5.24 kW] to 60,000 BTU/HR [17.6 kW].*
- *Constructed of aluminum fins bonded to internally grooved aluminum tubing.*
- *Coils are tested at the factory with an extensive refrigerant leak check.*
- *Coils have copper sweat refrigerant connections.*
- *Feature two sets of 3/4" [14.1 mm] N.P.T. Condensate drain connections for ease of connection.*
- *Chatleff metering device connections, at inlet and outlet of TXV or EEV and equalizer connections (TXV only).*
- *Approved for system application with variety of Rheem outdoor units.*
- *Condensate drain pan is constructed of high grade, heat resistant, corrosion free thermal-set material.*
- *Compatible with Germicidal Light System (UV resistant).*
- *Bi-Directional airflow eliminates the need to switch any internal components from horizontal left to right.*
- *Unique drain pan design maximizes application flexibility and condensate removal.*
- *N-Coil design maximizes performance and minimizes height required at installation.*

Standard Efficiency

Part #	Mfg #	Type	Tons	Air-Flow CFM Range	Nominal Capacity BTUH	Face Area Sq Ft	Coil Size	Line Sets Liq, Suction	Ship Wt	Price
171742	RCF2414STAMCA	Cased	2.0	600/900	24,000	4.56	14"	3/8", 3/4"	47 lbs	
171743	RCF2417STAMCA	Cased	2.0	600/900	24,000	4.56	17-1/2"	3/8", 3/4"	48 lbs	
171747	RCF3617STAMCA	Cased	3.0	700/1300	36,000	5.70	17-1/2"	3/8", 3/4"	54 lbs	
171748	RCF3621STAMCA	Cased	3.0	700/1300	36,000	5.70	21"	3/8", 3/4"	60 lbs	
171750	RCF4821STAMCA	Cased	4.0	600/1900	48,000	8.55	21"	3/8", 3/4"	78 lbs	
171752	RCF4824STAMCA	Cased	4.0	1100/1800	48,000	8.55	24"	3/8", 3/4"	93 lbs	
171753	RCF6021STAMCA	Cased	5.0	1400/1600	60,000	7.60	21"	3/8", 7/8"	86 lbs	
171754	RCF6024STAMCA	Cased	5.0	1400/1800	60,000	9.98	24"	3/8", 3/4"	108 lbs	

Mid. Efficiency

Part #	Mfg #	Type	Tons	Air-Flow CFM Range	Nominal Capacity BTUH	Face Area Sq Ft	Coil Size	Line Sets Liq, Suction	Ship Wt	Price
171746	RCF2421MTAMCA	Cased	2.0	600/900	24,000	5.70	21"	3/8", 3/4"	60 lbs	
172854	RCF3621MTAMCA	Cased	3.0	600/1900	36,000	8.55	21"	3/8", 3/4"	78 lbs	
171749	RCF3624MTAMCA	Cased	3.0	700/1300	36,000	8.55	24"	3/8", 3/4"	93 lbs	
171751	RCF4821MTAMCA	Cased	4.0	1100/1800	48,000	7.60	21"	3/8", 7/8"	86 lbs	

High Efficiency

Part #	Mfg #	Type	Tons	Air-Flow CFM Range	Nominal Capacity BTUH	Face Area Sq Ft	Coil Size	Line Sets Liq, Suction	Ship Wt	Price
171755	RCF2417HTAMCA	Cased	2.0	600/900	24,000	4.56	17-1/2"	3/8", 3/4"	54 lbs	
171756	RCF2421HTAMCA	Cased	2.0	600/900	24,000	5.70	21"	3/8", 3/4"	60 lbs	

Coils

Achiever® Series Coils for Gas & Oil Furnaces (Continued)

R-410A Cased/Uncased Coils - Gas & Oil Furnaces - RCF

High Efficiency

Part #	Mfg #	Type	Tons	Air-Flow CFM Range	Nominal Capacity BTUH	Face Area Sq Ft	Coil Size	Line Sets Liq, Suction	Ship Wt	Price
171757	RCF3621HTAMCA	Cased	3.0	700/1300	36,000	7.60	21"	3/8", 7/8"	86 lbs	
171758	RCF3624HTAMCA	Cased	3.0	700/1300	36,000	9.98	24"	3/8", 3/4"	108 lbs	
171759	RCF4824HTAMCA	Cased	4.0	1100/1800	48,000	9.98	24"	3/8", 3/4"	108 lbs	
171760	RCF6024HTAMCA	Cased	5.0	1400/1800	60,000	9.98	24"	3/8", 3/4"	108 lbs	

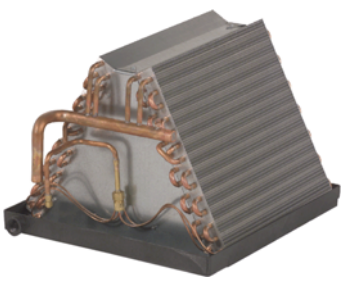
Coil Accessories

RXBM - Horizontal Drain Pan

Part #	Mfg #	Description	Price
009027	RXBM-AA06	4-1/2"H x 35"W x 22"D	

CA Series DX-Treme Uncased Upflow/Downflow Coils

- *Rifled copper tubing, enhanced aluminum fins*
- *Immersion-tested at 500 psi, then nitrogen-pressurized and sealed*
- *Left or right-hand refrigerant and plumbing connections*
- *Liquid line - 3/8" ODS, suction line - 7/8" ODS*
- *Externally mounted flowrater body with Schrader valve for hiss-testing*
- *Heavy duty polypropylene drain pans on most models*
- *Drain connection: 177L pans have single LH 3/4" MPT*
- *Upflow without field modification*
- *Downflow plate kit included*
- *ARI Certifiable with all brands of A/C and heat pump systems*
- *ETL Listed for use with R-22 and R-410A when proper metering device is used*
- *10-Year limited warranty*

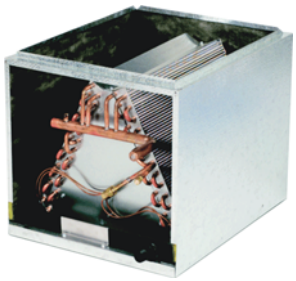


Part #	Mfg #	Tons	Dimensions Pan Widths	Pan Depth	Bare Slab Height	Refrig	Price
104089	CA24A2F-160R	2.0	16"	19-3/8"	12"	R-410A/R-22	
108690	CA24B3F-130R	2.0	13"	19-3/8"	14"	R-410A/R-22	
108692	CA24B3F-160R	2.0	16"	19-3/8"	14"	R-410A/R-22	
104090	CA30A2F-160R	2.5	16"	19-3/8"	14"	R-410A/R-22	
108693	CA30B3F-160R	2.5	16"	19-3/8"	16"	R-410A/R-22	
104091	CA36A2F-160R	3.0	16"	19-3/8"	16"	R-410A/R-22	
108694	CA36B3F-160R	3.0	16"	19-3/8"	18"	R-410A/R-22	
108695	CA36B3F-195R	3.0	19-1/2"	19-3/8"	18"	R-410A/R-22	

Coils

CC Series DX-Treme Cased Upflow/Downflow Coils

- *Rifled copper tubing, enhanced aluminum fins*
- *Immersion-tested at 500 psi, then nitrogen-pressurized and sealed*
- *Left or right-hand refrigerant and plumbing connections, L: Left-hand & R: Right-hand*
- *Liquid line - 3/8" ODS, suction line - 7/8" ODS*
- *Externally mounted Flowrater body with Schrader valve for hiss-testing*
- *Heavy-duty polypropylene drain pans on most models*
- *Embossed galvanized cabinets standard - cabinets feature furnace connectors*
- *Split access doors in front for easy service*
- *Fully insulated cabinets with faced insulation*
- *ARI Certifiable with all brands of A/C and heat pump systems*
- *ETL Listed for use with R-22 and R-410A when proper metering device is used*
- *10-Year limited warranty*
- *Option codes:*
  - *(023) - Flanged top duct opening*
  - *(056) - Painted cabinet and flange top opening*



Part #	Mfg #	Tons	Dimensions Min Width	Dimensions Max Width	Depth	Height	Metering Device	Price
110828	CC24B34-140L	2	14"	23"	21-1/2"	16"	NB TXV R-410	
110829	CC24B34-175L	2	14"	23"	21-1/2"	16"	NB TXV R-410	
110830	CC24D44-175L	2	14"	23"	21-1/2"	20"	NB TXV R-410	
133511	CC30B44-175L1	2.5	14"	23"	21-1/2"	20"	NB TXV R-410	
126429	CC30C44-175L	2.5	14"	23"	21-1/2"	20"	NB TXV R-410	
110831	CC30D44-175L	2.5	14"	23"	21-1/2"	24"	NB TXV R-410	
099999	CC30D4X-210R	2.5	14"	23"	21-1/2"	24"	NB TXV R-22	
110833	CC36B34-175L	3	14" or 17"	23	21-1/2"	20"	NB TXV R-410	
110834	CC36B34-210L	3	14" or 17"	23	21-1/2"	20"	NB TXV R-410	
115251	CC36C44-175L	3	14" or 17"	23"	21-1/2"	24"	NB TXV R-410	
110835	CC36D44-175L	3	14" or 17"	23"	21-1/2"	24"	NB TXV R-410	
110836	CC36D44-210L	3	14" or 17"	23"	21-1/2"	24"	NB TXV R-410	
110837	CC48B34-210L	4	17"	26-1/2"	21-1/2"	24"	NB TXV R-410	
110838	CC48D44-210L	4	17"	26-1/2"	21-1/2"	28"	NB TXV R-410	
110839	CC48D44-245L	4	17"	26-1/2"	21-1/2"	28"	NB TXV R-410	
110840	CC60B34-210L	5	20-1/2"	26-1/2"	21-1/2"	28"	NB TXV R-410	
110841	CC60B34-245L	5	20-1/2"	26-1/2"	21-1/2"	28"	NB TXV R-410	
125034	CC60E-44-245L-023*	5	24-1/2"	26-1/2"	21-1/2"	28"	NB TXV R-410	

Coils

CE Series DX-Treme Cased Multi-Position A-Coil

- *Rifled copper tubing, enhanced aluminum fins*
- *Immersion-tested at 500 psi, then nitrogen-pressurized and sealed*
- *Left- or right-hand refrigerant and plumbing connections*
- *Liquid line - 3/8" ODS, suction line - 7/8" ODS*
- *Externally mounted Flowrater body with Schrader valve for hiss-testing*
- *Heavy duty polypropylene upflow drains pans on most models, powder coated galvanized steel horizontal drain pans standard on all*
- *Embossed galvanized cabinets standard*
- *Cabinets feature furnace connectors (patent pending)*
- *Upflow, horizontal right, or horizontal left without field modification Downflow applications require plate kit, included*
- *Split access doors in front for easy service*
- *Fully insulated cabinets with faced insulation*
- *ARI Certifiable with all brands of A/C and heat pump systems*
- *ETL Listed for use with R-22 and R-410A when proper metering device is used*
- *10-Year limited warranty*



Part #	Mfg #	Tons	Dimensions Min Width	Dimensions Max Width	Depth	Height	Metering Device	Price
112852	CE24D44-175L	2	14"	23"	21-1/2"	23"	NB TXV R-410	
112860	CE36D44-210L	3	14" or 17"	23"	21-1/2"	27"	NB TXV R-410	
112859	CE36D44175L0	3	14" or 17"	23"	21-1/2"	27"	NB TXV R-410	
112862	CE48D44-210L	4	17"	26-1/2"	21-1/2"	30"	NB TXV R-410	
112865	CE48D44-245L	4	17"	26-1/2"	21-1/2"	30"	NB TXV R-410	
112866	CE60B34-210L	5	20-1/2"	26-1/2"	21-1/2"	30"	NB TXV R-410	
112867	CE60B34-245L	5	20-1/2"	26-1/2"	21-1/2"	30"	NB TXV R-410	

Thermostatic Expansion Valves (TXV)

Part #	Mfg #	Refrigerant	Tons	Bleed Port	For:	Price
095918	4190X2-3	R-22	1.5 to 3.5 Ton	No	Kit for B Coils & F Air Handlers	
106976	4195X2-5	R-22	4, 5 & 6 Ton	No	Kit for B Coils & F Air Handlers	
094022	4200X5-3	R-22	1.5 to 3.5 Ton	No	Kit for B Coils & F Air Handlers	
094023	4202X5-5	R-22	4, 5 & 6 Ton	No	Kit for B Coils & F Air Handlers	

R-22 Coils

Part #	Mfg #	Description	Price
147402	22A2F-130R-003	2.0 Ton R-22 Coil	
147403	22A2F-160R-003	2.0 Ton R-22 Coil	
147404	22A3F-160R-003	3.0 Ton R-22 Coil	
147405	22A3F-195R-003	3.0 Ton R-22 Coil	
147406	22A4F-195R-003	4.0 Ton R-22 Coil	
147407	22A5F-230R-003	5.0 Ton R-22 Coil	

Coils

Pistons

Part #	Mfg #	Description	Price
125462	3960	.089 Orifice R-410A 5.0 Ton Piston	
125459	3987	.068 Orifice R-22 2.5 Ton Piston	
179307	3991	.084 Orifice R-22 5.0 Ton Piston	
179307	3998	.092 Orifice R-22 5.0 Ton Piston	
125457	3999	.055 Orifice R-22 1.5 Ton Piston	
125458	4000	.059 Orifice R-22 2.0 Ton Piston	
125460	4001	.074 Orifice R-22 3.0 Ton Piston	
125456	4006	.049 Orifice R-410A 1.5 Ton Piston	

PHILCO Heating and Cooling Products

C7 Residential Indoor Coils



Piston Metering R-410A TXV - "A" Vertical Cased Coil - C7BAM Series

Part #	Mfg #	Order #	Nominal Capacity MBTUH	Refrigerant Sizes Liquid, Suction	Nominal Airflow	Dimensions H x W x D	Price
146441	C7BAM-01824C-A	921515	1.5 - 2.0 Ton	3/8", 3/4"	600/700	20-3/4" x 14-1/2" x 20-3/4"	
146443	C7BAM-01824C-B	921519	1.5 - 2.0 Ton	3/8", 3/4"	550/750	20-3/4" x 17-1/2" x 20-3/4"	
146445	C7BAM-03036C-B	921521	2.5 - 3.0 Ton	3/8", 3/4"	1,000/1,200	20-3/4" x 17-1/2" x 20-3/4"	
146447	C7BAM-03642C-B	921523	3.0 - 3.5 Ton	3/8", 7/8"	1,300/1,300	26-3/4" x 17-1/2" x 20-3/4"	
146448	C7BAM-03648C-C	921525	3.0 - 4.0 Ton	3/8", 7/8"	1,250/1,400	26-3/4" x 21" x 20-3/4"	
146449	C7BAM-042C-D	921529	3.5 Ton	3/8", 7/8"	1,300	30-1/4" x 24-1/2" x 20-3/4"	
146452	C7BAM-048C-C	921838	4.0 Ton	3/8", 7/8"	1,300/1,700	30-1/4" x 21" x 20-3/4"	
146453	C7BAM-048C-D	921841	4.0 Ton	3/8", 7/8"	1,300/1,700	30-1/4" x 24-1/2" x 20-3/4"	

R-410A TXV Kits

Part #	Mfg #	Description	Price
146841	920668A	2.0 Ton R-410A TXV Kit	
146842	920669A	2.5 Ton R-410A TXV Kit	
146843	920670A	3.0 Ton R-410A TXV Kit	
146844	920671A	3.5 Ton R-410A TXV Kit	
146845	920672A	4.0 Ton R-410A TXV Kit	

Coils

C7 Residential Indoor Coils (Continued)

R-410A TXV Kits

Part #	Mfg #	Description	Price
146846	920673A	5.0 Ton R-410A TXV Kit	

C7 Flex Tube Kit

Part #	Mfg #	Description	Price
150341	921824	A18	
150342	921825	B18	
150343	921826	B24	
150344	921827	C18	
150345	921828	C24	
150346	921829	C28	
150347	921830	D24	
150348	921831	D28	

C6 Residential Indoor Coils



R-410A TXV - "A" Vertical Cased Coil

Part #	Mfg #	Order #	Nominal Capacity MBTUH	Refrigerant Sizes Liquid, Suction	Nominal Airflow	Dimensions H x W x D	Price
125092	C6BAX26CB	920341	26 (2.0 Ton)	3/8", 3/4"	1,200 cfm	26-3/4" x 17-1/2" x 16-1/8"	
118865	C6BAX42CB	920063	42 (3.5 Ton)	3/8", 7/8"	1,400 cfm	26-3/4" x 17-1/2" x 20-3/4"	
118868	C6BAX48CD	920090	48 (4.0 Ton)	3/8", 7/8"	1,600 cfm	30-1/4" x 24-1/2" x 20-3/4"	
118869	C6BAX60CC	920099	60 (5.0 Ton)	3/8", 7/8"	2,000 cfm	30-1/4" x 21" x 20-3/4"	
118871	C6BAX60CD	920108	60 (5.0 Ton)	3/8", 7/8"	2,000 cfm	30-1/4" x 24-1/2" x 20-3/4"	

R-410A iQ Drive - Horizontal Multi-Poise Cased Coil

Part #	Mfg #	Order #	Nominal Capacity MBTUH	Refrigerant Sizes Liquid, Suction	Nominal Airflow	Dimensions H x W x D	Price
125451	C6BHI24CB	920781	24 (2.0 Ton)	3/8", 3/4"	800 cfm	26-3/4" x 17-1/2" x 20-3/4"	
125452	C6BHI36CB	920782	36 (3.0 Ton)	3/8", 3/4"	1,200 cfm	26" x 17-1/2" x 20-3/4"	
125453	C6BHI36CC	920783	36 (3.0 Ton)	3/8", 3/4"	1,200 cfm	26-3/4" x 21" x 20-3/4"	
125454	C6BHI48CC	920784	48 (4.0 Ton)	3/8", 7/8"	1,600 cfm	30-1/4" x 21" x 20-3/4"	

Coils

C6 Residential Indoor Coils (Continued)

R-410A iQ Drive - Horizontal Multi-Poise Cased Coil

Part #	Mfg #	Order #	Nominal Capacity MBTUH	Refrigerant Sizes Liquid, Suction	Nominal Airflow	Dimensions H x W x D	Price
125455	C6BHI48CD	920785	48 (4.0 Ton)	3/8", 7/8"	1,200 cfm	30-1/4" x 21" x 20-3/4"	

R-410A TXV - Horizontal Multi-Poise Cased Coil

Part #	Mfg #	Order #	Nominal Capacity MBTUH	Refrigerant Sizes Liquid, Suction	Nominal Airflow	Dimensions H x W x D	Price
150738	C6BHX36CC	920188	36 (3.0 Ton)	3/8", 3/4"	1,200 cfm	26-3/4" x 21" x 20-3/4"	
150739	C6BHX48CC	920083	48 (4.0 Ton)	3/8", 7/8"	1,600 cfm	30-1/4" x 21" x 20-3/4"	

Roof Top Units

Commercial Series™ Package Gas/Electric Units

13 SEER R-410A High Efficiency Commercial Series™ Package Gas/Electric - RKNL-A 3 to 5 Ton



- *Scroll compressors with internal line break overload and high pressure protection*
- *Single stage compressor*
- *Convertible airflow*
- *TXV Refrigerant metering system on each circuit*
- *High pressure and low pressure/loss of charge protection*
- *Solid core liquid line filter-drier on each circuit*
- *Single slab, single pass designed evaporator and condenser coils*
- *Cooling operation up to 125°F ambient*
- *Foil faced insulation encapsulated throughout entire unit*
- *Cabinet features a durable powder-paint finish, steel coated on each side*
- *One-piece top cover and one-piece base pan with drawn supply and return opening for superior water management*
- *Externally mounted refrigerant gauge ports*
- *Forkable base rails*
- *Single point electrical and gas connections*
- *1" Filter standard with slide out design, will accept 2" filter*
- *1-Stage gas valve, direct spark ignition, and induced draft*
- *Tubular heat exchanger*
- *Solid state furnace control with on-board diagnostics*
- *Colored and labeled wiring*
- *Copper tube/aluminum fin indoor coil*
- *Direct drive or high performance belt drive motor with variable pitch pulleys and quick adjust belt system*
- *Energy Star® rated*
- *Drive package:*
  - *RKNL-XXXXXK: Direct drive*
  - *RKNL-XXXXXL: Belt drive*
- *5-Year limited compressor warranty (commercial)*
- *10-Year warranty on factory standard heat exchanger (commercial)*
- *1-Year limited parts warranty (commercial)*
- *20-Year warranty on stainless steel heat exchanger (commercial)*

Part #	Mfg #	Tons	Gross Cooling BTUH	Heating Input BTUH	Electrical	Unit Dimensions H x W x D	Ship Wt	Price
116739	RKNL-A036JK08E	3.0	36,800	80,000	208/230-1-60	35" x 75-17/32" x 46-1/2"	550 lbs	
116741	RKNL-A048JK10E	4.0	50,500	100,000	208/230-1-60	35" x 75-17/32" x 46-1/2"	587 lbs	
116742	RKNL-A048JK13E	4.0	50,500	135,000	208/230-1-60	35" x 75-17/32" x 46-1/2"	592 lbs	
116743	RKNL-A060JK13E	5.0	61,500	135,000	208/230-1-60	35" x 75-17/32" x 46-1/2"	604 lbs	
142305	RKNL-A036CK08E	3.0	36,600	80,000	208/230-3-60	35" x 75-17/32" x 46-1/2"	550 lbs	
116745	RKNL-A048CK10E	4.0	50,500	100,000	208/230-3-60	35" x 75-17/32" x 46-1/2"	587 lbs	
116747	RKNL-A060CK10E	5.0	61,500	100,000	208/230-3-60	35" x 75-17/32" x 46-1/2"	597 lbs	
116748	RKNL-A060CK13E	5.0	61,500	135,000	208/230-3-60	35" x 75-17/32" x 46-1/2"	604 lbs	
142301	RKNL-A060DL13E	5.0	61,500	135,000	460-3-60	35" x 75-17/32" x 46-1/2"	604 lbs	

Roof Top Units

13 SEER R-410A High Efficiency Commercial Series™ Package Gas/Electric Rooftop - RKNL-B 6 to 12.5 Ton



- *Scroll compressors with internal line break overload and high pressure protection*
- *Single stage compressor on 6 ton models, dual stage compressor on 7.5 to 12.5 models*
- *Convertible airflow*
- *TXV Refrigerant metering system on each circuit except 6 ton model*
- *High pressure and low pressure/loss of charge protection*
- *Solid core liquid line filter-drier on each circuit*
- *Single slab, single pass designed evaporator and condenser coils*
- *Cooling operation up to 125°F ambient*
- *Foil faced insulation encapsulated throughout entire unit*
- *Cabinet features a durable powder-paint finish, steel coated on each side*
- *Slide out indoor fan assembly*
- *One-piece top cover and one-piece base pan with drawn supply and return opening for superior water management*
- *Forkable base rails*
- *Single point electrical and gas connections*
- *Internally sloped slide out condensate pan conforms to ASHRAE 62 standard*
- *2" Filter standard with slide out design*
- *2-Stage gas valve, direct spark ignition, and induced draft*
- *Tubular heat exchanger*
- *Solid state furnace control with on-board diagnostics*
- *Colored and labeled wiring*
- *Copper tube/aluminum fin indoor coil (12-1/2 ton uses Micro-Channel condenser)*
- *High performance belt drive motor with variable pitch pulleys and quick adjust belt system*
- *Electronic ignition*
- *Energy Star® rated*
- *Drive package:*
  - *RKNL-XXXXXL: Belt drive*
  - *RKNL-XXXXXM: Belt drive high static*
- *5-Year limited compressor warranty (commercial)*
- *10-Year on factory standard heat exchanger (commercial)*
- *1-Year limited parts warranty (commercial)*
- *1-Year limited on condenser coil and evaporator coil leaks caused by factory defects (commercial)*

Part #	Mfg #	Tons	Gross Cooling BTUH	Heating Input BTUH	Electrical	Unit Dimensions H x W x D	Ship Wt	Price
158370	RKNL-B090CM15EAJA	7.5	93,000	150,000	208/230-3-60	40-3/16" x 93-11/16" x 58-3/4"	1,054 lbs	
159031	RKNL-B090DL15EAJA	7.5	93,000	150,000	460-3-60	40-3/16 x 93-11/16" x 58-3/4"	1,062 lbs	
158371	RKNL-B090CM22EAJA	7.5	93,000	225,000	208/230-3-60	40-3/16 " x 93-11/16" x 58-3/4"	1,090 lbs	
158372	RKNL-B120CL22EAJA	8.5	101,000	225,000	208/230-3-60	40-3/16 " x 93-11/16" x 58-3/4"	1,132 lbs	

Roof Top Units

13 SEER R-410A High Efficiency Commercial Series™ Package Gas/Electric Rooftop - RKNL-B 6 to 12.5 Ton Economizer



- *Scroll compressors with internal line break overload and high pressure protection*
- *Single stage compressor on 6 ton models, dual stage compressor on 7.5 to 12.5 models*
- *Convertible airflow*
- *TXV Refrigerant metering system on each circuit except 6 ton model*
- *High pressure and low pressure/loss of charge protection*
- *Solid core liquid line filter-drier on each circuit*
- *Single slab, single pass designed evaporator and condenser coils*
- *Cooling operation up to 125°F ambient*
- *Foil faced insulation encapsulated throughout entire unit*
- *Cabinet features a durable powder-paint finish, steel coated on each side*
- *Slide out indoor fan assembly*
- *One-piece top cover and one-piece base pan with drawn supply and return opening for superior water management*
- *Forkable base rails*
- *Single point electrical and gas connections*
- *Internally sloped slide out condensate pan conforms to ASHRAE 62 standard*
- *2" Filter standard with slide out design*
- *2-Stage gas valve, direct spark ignition, and induced draft*
- *Tubular heat exchanger*
- *Solid state furnace control with on-board diagnostics*
- *Colored and labeled wiring*
- *Copper tube/aluminum fin indoor coil (12-1/2 ton uses Micro-Channel condenser)*
- *High performance belt drive motor with variable pitch pulleys and quick adjust belt system*
- *Electronic ignition*
- *Energy Star® rated*
- *JBA - Factory installed stainless steel heat exchanger and service disconnect*
- *Drive package:*
  - *RKNL-XXXXXL: Belt drive*
  - *RKNL-XXXXXM: Belt drive high static*
  - *RKNL-XXXXXN: Belt drive high static (B090 Only)*
- *5-Year limited compressor warranty (commercial)*
- *10-Year warranty on factory standard heat exchanger (commercial)*
- *1-Year limited parts warranty (commercial)*
- *1-Year limited warranty on condenser coil and evaporator coil leaks caused by factory defects (commercial)*

Part #	Mfg #	Tons	Gross Cooling BTUH	Heating Input BTUH	Electrical	Unit Dimensions H x W x D	Ship Wt	Price
147988	RKNL-B090CM22EJBA	7.5	93,000	225,000	208/230-3-60	44" x 93-11/16" x 58-3/4"	1,090 lbs	

Roof Top Units

13 SEER R-410A High Efficiency Commercial Series™ Package Gas/Electric Rooftop - RKNL-B 6 to 12.5 Ton Economizer with Clear Control™ and HumidiDry™ Technology



- *Scroll compressors with internal line break overload and high pressure protection*
- *Single stage compressor on 6 ton models, dual stage compressor on 7.5 to 12.5 models*
- *Convertible airflow*
- *TXV Refrigerant metering system on each circuit except 6 ton model*
- *High pressure and low pressure/loss of charge protection*
- *Solid core liquid line filter-drier on each circuit*
- *Single slab, single pass designed evaporator and condenser coils*
- *Cooling operation up to 125°F ambient*
- *Foil faced insulation encapsulated throughout entire unit*
- *Cabinet features a durable powder-paint finish, steel coated on each side*
- *Slide out indoor fan assembly*
- *One-piece top cover and one-piece base pan with drawn supply and return opening for superior water management*
- *Forkable base rails*
- *Single point electrical and gas connections*
- *Internally sloped slide out condensate pan conforms to ASHRAE 62 standard*
- *2" Filter standard with slide out design*
- *2-Stage gas valve, direct spark ignition, and induced draft*
- *Tubular heat exchanger*
- *Solid state furnace control with on-board diagnostics*
- *Colored and labeled wiring*
- *Copper tube/aluminum fin indoor coil (12-1/2 ton uses Micro-Channel condenser)*
- *High performance belt drive motor with variable pitch pulleys and quick adjust belt system*
- *Electronic ignition*
- *Factory installed ClearControl™, a Direct Digital Control (DDC) and sensors which can connect to LonWorks™ or BACnet® BAS systems for remote monitoring and control.*
- *Variable frequency drive (VFD) belt drive high static*
- *HumidiDry™ dehumidification system*
- *Energy Star® rated*
- *Factory installed hail guard, heat exchanger, service disconnect, and comfort alert with DDC single enthalpy economizer*
- *5-Year limited compressor warranty (commercial)*
- *10-Year warranty on factory standard heat exchanger (commercial)*
- *1-Year limited parts warranty (commercial)*
- *1-Year limited warranty on condenser coil and evaporator coil leaks caused by factory defects (commercial)*

Part #	Mfg #	Tons	Gross Cooling BTUH	Heating Input BTUH	Electrical	Unit Dimensions H x W x D	Ship Wt	Price
150303	RKNL-G090CT22EDPH	7.5	93,000	225,000	208/230-3-60	44" x 93-11/16" x 58-3/4"	1,137 lbs	

Roof Top Units

11.2 SEER R-410A Standard Efficiency Commercial Series™ Package Gas/Electric Rooftop - RKKL-B 7.5 to 12.5 Ton



- *Scroll compressors with internal line break overload and high pressure protection*
- *1-Stage compressor on 7.5 and 10 ton models, 2-Stage compressor on 12.5 ton model*
- *Convertible airflow*
- *Fixed restriction refrigerant flow control on 7.5 and 10 ton models, TXV on 12.5 ton model*
- *High pressure and low pressure/loss of charge protection*
- *Solid core liquid line filter-drier on each circuit*
- *Single slab, single pass designed evaporator and condenser coils*
- *Cooling operation up to 125°F ambient*
- *Foil faced insulation encapsulated throughout entire unit*
- *Cabinet features a durable powder-paint finish, steel coated on each side*
- *One-piece top cover indoor section and one-piece base pan*
- *Forkable base rails*
- *Single point electrical and gas connections*
- *2" Filter standard with slide out design*
- *2-Stage gas valve, direct spark ignition, and induced draft*
- *Tubular heat exchanger*
- *Solid state furnace control with on-board diagnostics*
- *Colored and labeled wiring*
- *Copper tube/aluminum fin indoor coil*
- *Aluminum Micro-Channel outdoor coil(s)*
- *High performance belt drive motor with variable pitch pulleys and quick adjust belt system*
- *Electronic ignition*
- *Drive package:*
  - *RKKL-XXXXXL: Belt drive*
- *5-Year limited compressor warranty (commercial)*
- *10-Year warranty on factory standard heat exchanger (commercial)*
- *1-Year limited parts warranty (commercial)*
- *1-Year limited warranty on condenser coil and evaporator coil leaks caused by factory defects (commercial)*

Part #	Mfg #	Tons	Gross Cooling BTUH	Heating Input BTUH	Electrical	Unit Dimensions H x W x D	Ship Wt	Price
142306	RKKL-B090CL22E	7.5	87,000	225,000	208/230-3-60	44" x 93-11/16" x 58-3/4"	955 lbs	
140163	RKKL-B120CL22E	10.0	123,000	225,000	208/230-3-60	44" x 93-11/16" x 58-3/4"	1,057 lbs	

13 SEER R-410A Commercial Achiever® Series Package Gas/Electric - RKNN/RKPN/RKQN



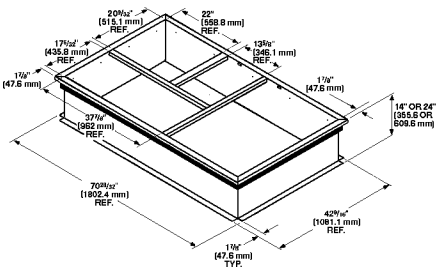
- *Scroll compressors with internal line break overload and high-pressure protection.*
- *Single stage compressor on all models (except RKQN-A060 two stage Ultra Tech).*
- *TXV refrigerant metering system on each circuit.*
- *High Pressure and Low Pressure/Loss of charge protection standard on all models.*
- *Solid Core liquid line filter drier on each circuit.*
- *Cooling operation up to 125 degree F ambient.*
- *Easily removable filter, blower, gas heat, and compressor/control access panels permits prompt service.*
- *Powder Paint Finish meets ASTMB117 steel coated on each side for maximum protection. G90 galvanized.*
- *One piece top cover and one piece base pan with drawn supply and return opening for superior water management.*
- *Externally mounted refrigerant gauge ports for easy service diagnostics.*
- *Single point electrical and gas connections.*
- *Direct drive or high performance belt drive motor with variable pitch pulleys and quick adjust belt system.*
- *Permanently lubricated evaporator, condenser and gas head inducer motors.*
- *Condenser motors are internally protected, totally enclose with shaft down design.*
- *Single stage gas valve, direct spark ignition, and induced draft for efficiency and reliability.*
- *Solid state furnace control with on board diagnostics.*
- *Through the base gas and electric.*

Part #	Mfg #	Tons	Gross Cooling BTUH	Heating Input BTUH	Electrical	Unit Dimensions H x W x D	Ship Wt	Price
162120	RKNN-A036CK08E	3.0	36,000	80,000	208/230-3-60	31-3/16" x 76-1/4" x 48-1/16"	516 lbs	
162121	RKNN-A036CK08EAJA	3.0	36,000	80,000	208/230-3-60	31-3/16" x 76-1/4" x 48-1/16"	516 lbs	
162123	RKNN-A036JK08E	3.0	36,000	80,000	208/230-1-60	31-3/16" x 76-1/4" x 48-1/16"	516 lbs	
162124	RKNN-A036JK08EAJA	3.0	36,000	80,000	208/230-1-60	31-3/16" x 76-1/4" x 48-1/16"	516 lbs	
162126	RKNN-A048CK10E	4.0	36,000	100,000	208/230-3-60	31-3/16" x 76-1/4" x 48-1/16"	516 lbs	
162127	RKNN-A048CK10EAJA	4.0	48,000	100,000	208/230-3-60	31-3/16" x 76-1/4" x 48-1/16"	545 lbs	
162130	RKNN-A048JK10EAJA	4.0	48,000	100,000	208/230-1-60	31-3/16" x 76-1/4" x 48-1/16"	545 lbs	
162132	RKNN-A060CK13E	5.0	60,000	135,000	208/230-3-60	31-3/16" x 76-1/4" x 48-1/16"	564 lbs	
162133	RKNN-A060CK13EAJA	5.0	60,000	135,000	208/230-3-60	31-3/16" x 76-1/4" x 48-1/16"	564 lbs	
162136	RKNN-A060DL13EAJA	5.0	60,000	135,000	460-3-60	31-3/16" x 76-1/4" x 48-1/16"	576 lbs	
162137	RKNN-A060JK13E	5.0	60,000	135,000	208/230-1-60	31-3/16" x 76-1/4" x 48-1/16"	562 lbs	
162138	RKNN-A060JK13EAJA	5.0	60,000	135,000	208/230-1-60	31-3/16" x 76-1/4" x 48-1/16"	562 lbs	

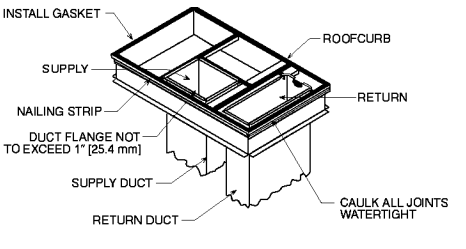
Roof Top Units

Roof Top Unit Accessories

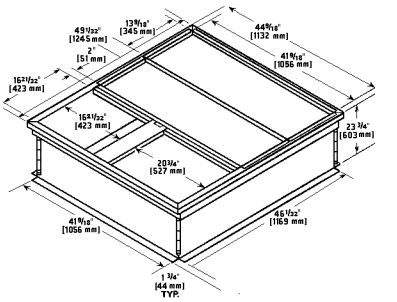
RXKG/RXRG/RXRK/RXSG/RXRX - Roof Curb



RXKG-CAD14/24



RXKG-CAE14/24



RXSG-AAA2

Part #	Mfg #	Description	Price
036937	RXKG-CAD14	14" 3.0-25.0 Ton	
039546	RXKG-CAE14	14"	
025599	RXSG-AAA14	14" 1.5-4 Ton Pkg Units	

RXRD/RXRE/RXRQ/RXRR - Economizer

Part #	Mfg #	Description	Price
036606	RXRD-CAM10	Fully Modulating Economizer (Downflow Only)	
079102	RXRD-NDCM3	7.5 - 15 Ton Horizontal Economizer	
127255	RXRD-PDCM3	RSI Vertical	

RXRX - Roof Curb Adapter

Part #	Mfg #	Description	Price
080466	RXRX-BBCDB21	For 3-6 Ton Commercial Units	
035021	RXRX-BBCDB23	For 3-6 Ton Commercial Units	

Economizer

Part #	Mfg #	Description	Price
149610	AXRD-MECM3	Downflow/Horizontal Economizer with Single Enthalpy	
149611	AXRD-NDCM3	Economizer with Single Enthalpy	
149613	AXRD-PDCM3	Downflow Economizer with Single Enthalpy	
149614	AXRD-RDCM3	Horizontal Economizer with Single Enthalpy	
164772	AXRD-01RECAM	Downflow/Horizontal Economizer with Single Enthalpy	
147992	AXRD-SDCM3	Downflow Economizer with Single Enthalpy and Smoke Detector	

Louver Panel Kits

Part #	Mfg #	Description	Price
147993	AXRX-AAD01C	For 6-12.5 Ton Package Units, Grey	

Air Handlers

High Efficiency Front Return Air Handlers

- *Front or bottom return*
- *Flow check piston for cooling or heat pump operation*
- *Wall-hanging brackets*
- *Built in filter rack*
- *Dual voltage direct drive blower with multi-speed motor*
- *Suitable for R-410 or R-22 refrigerants*
- *208/230-1-60*
- *AHRI Certified*
- *UL Certified*
- *Molex plug connections for field installed heater kits*
- *Thermoplastic drain pan with bottom primary and secondary connections*
- *10-Year conditional warranty on parts (registration required)*



High Efficiency R-410 Front Return Air Handler with PSC Motor - RHAL

Part #	Mfg #	Tons	Capacity	Electrical Heat	Airflow CFM Low	Airflow CFM High	Dimensions H x W x D	Ship Wt	Price
167895	RHAL-FR18PJB05A	1.5	18,000	5kW	600	-	36" x 21-1/2" x 17"	80lbs	
139511	RHAL-FR24PJB05A	2.0	24,000	5kW	800	-	36" x 21-1/2" x 17"	80 lbs	

Ultra Series® Premium Multi-Position Air Handlers with Comfort Control²

- *Serial communication enabled*
- *Comfort Control² System™ - provides on-board diagnostics and fault recall active protection*
- *Versatile 4-way convertible design for upflow, downflow, horizontal left and horizontal right*
- *Energy efficient GE® ECM® motor which in most applications enhances the SEER rating of the outdoor unit*
- *Nominal airflow up to 1.0" external static pressure*
- *Factory-installed high efficiency indoor coil*
- *Sturdy cabinet construction with 1" foil faced insulation*
- *Optional field-installed auxiliary electric heater kits with circuit breakers which meet UL and cUL requirements*
- *On-demand dehumidification terminal for humidity control*
- *External filter required*
- *Blower self-configures when installed with a Ruud 500 Series communicating thermostat*
- *10-Year limited warranty on parts (registration required)*



16 SEER R-410A Ultra Series® Air Handler with Comfort Control² System - RHPL

Part #	Mfg #	Capacity	CFM Lo/Hi	Electrical	Dimensions (H x W)	Ship Wt	Price
140774	RHPL-HM2421JC	18,000/24,000	625/775	208/230-1-60	42-1/2" x 21" x 21-11/16"	106 lbs	
140776	RHPL-HM4824JC	42,000/48,000	1,200/1,625	208/230-1-60	55-1/2" x 24-1/2" x 21-11/16"	180 lbs	
103593	RHPL-HM6024JA	60,000	1,375/1,675	208/230-1-60	55-1/2" x 24-1/2 x 21-11/16"	198 lbs	

Air Handlers

Achiever® Series Multi-Position Air Handlers



- *Versatile 4-way convertible design for upflow, downflow, horizontal left and horizontal right applications*
- *Factory-installed indoor coil.*
- *Sturdy cabinet construction with 1.0 inch of foil faced insulation for excellent sound and insulating characteristics.*
- *Field-installed auxiliary electric heater kits provide exact heat for indoor comfort. Kits include circuit breakers which meet U.L. and cUL requirements for service disconnect.*
- *1 1/2 ton trhough 5 ton models are between 42 1/2 to 55 1/2 inches tall and 22 inches deep.*
- *All models meet or exceed 330 to 400 CFM per ton at .3 inches of external static pressure.*
- *Enhanced airflow up to .7" external static pressure.*
- *Evaporator is constructed of aluminum fins bonded to internally grooved aluminum tubing.*

Premium Efficiency R-410A Achiever® Series Air Handler with X-13 (ECM) Motor - RHLL

Part #	Mfg #	Capacity	CFM Lo/Hi	Electrical	Dimensions (H x W)	Ship Wt	Price
090431	RHLLHM2417JA	18,000/24,000	600/1200	208/240-1-60	42-1/2" x 17-1/2"	82 lbs	
090432	RHLLHM3617JA	30,000/36,000	600/1200	208/240-1-60	42-1/2" x 17-1/2"	92 lbs	
090434	RHLLHM4821JA	42,000/48,000	1400/1600	208/240-1-60	50-1/2" x 24-1/2"	150 lbs	
090447	RHLLHM4824JA	42,000/48,000	1600	208/240-1-60	55-1/2" x 24-1/2"	162 lbs	

Standard Efficiency R410A Achiever® Series Air Handler with X-13 (ECM) Motor - RH1T/RH2T

Part #	Mfg #	Capacity	CFM Lo/Hi	Electrical	Dimensions (H x W)	Ship Wt	Price
171724	RH1T2417STANAA	18,000/24,000	600/800	115-1-60	42-1/2" x 17-1/2"	92 lbs	
171725	RH1T2417STANJA	18,000/24,000	600/800	208/240-1-60	42-1/2" x 17-1/2"	96 lbs	
171726	RH1T3617STANAA	30,000/36,000	1,000/1,200	115-1-60	42-1/2" x 17-1/2"	96 lbs	
171727	RH1T3617STANJA	30,000/36,000	1,000/1,200	208/240-1-60	42-1/2" x 17-1/2"	106 lbs	
171728	RH1T3621MTANAA	30,000/36,000	1,000/1,200	115-1-60	50-1/2" x 21"	126 lbs	
171729	RH1T3621MTANJA	30,000/36,000	1,000/1,200	208/240-1-60	50-1/2" x 21"	166 lbs	
171730	RH1T3621HTANAA	30,000/36,000	1,000/1,200	115-1-60	57" x 21"	137 lbs	
171731	RH1T3621HTANJA	30,000/36,000	1,000/1,200	208/240-1-60	57" x 21"	137 lbs	
171732	RH1T4821STANAA	42,000/48,000	1,000/1,4000	115-1-60	50-1/2" x 21"	128 lbs	
171733	RH1T4821STANJA	42,000/48,000	1,400/1,600	208/240-1-60	50-1/2" x 21	128 lbs	
171734	RH1T4824STANAA	42,000/48,000	1,600	115-1-60	50-1/2" x 24-1/2"	142 lbs	
171735	RH1T4824STANJA	42,000/48,000	1,400/1,600	208/240-1-60	55-1/2" x 24-1/2"	180 lbs	
171736	RH1T6024STANAA	60,000	1,800	115-1-60	55-1/2" x 24-1/2"	198 lbs	
171737	RH1T6024STANJA	60,000	1,800	208/240-1-60	55-1/2" x 24-1/2"	198 lbs	
171738	RH2T2421MTANJA	18,000/24,000	525/700	208/240-1-60	42-1/2" x 21"	111 lbs	
171739	RH2T3621MTANJA	30,000/36,000	800/1050	208/240-1-60	50-1/2" x 21"	129 lbs	
171740	RH2T4824MTANJA	42,000/48,000	1050/1400	208/240-1-60	55-1/2" x 24-1/2"	128 lbs	
171741	RH2T6024STANJA	60,000	1200/1600	208/240-1-60	55-1/2" x 24-1/2"	161 lbs	

Standard Efficiency R-410A Achiever® Series Air Handler with PSC Motor - RH1P

Part #	Mfg #	Capacity	CFM Lo/Hi	Electrical	Dimensions (H x W)	Ship Wt	Price
171695	RH1P1817STANAA	18,000	600/ 800	115-1-60	42-1/2" x 17-1/2"	95 lbs	
171696	RH1P1817STANJA	18,000	600/ 800	208/240-1-60	42-1/2" x 17-1/2"	95 lbs	
171697	RH1P2417STANAA	24,000	600/ 800	115-1-60	42-1/2" x 17-1/2"	95 lbs	

Achiever® Series Multi-Position Air Handlers (Continued)

Standard Efficiency R-410A Achiever® Series Air Handler with PSC Motor - RH1P

Part #	Mfg #	Capacity	CFM Lo/Hi	Electrical	Dimensions (H x W)	Ship Wt	Price
171698	RH1P2417STANJA	24,000	600/800	208/240-1-60	42-1/2" x 17-1/2"	95 lbs	
171699	RH1P3017STANAA	30,000	1,000/1,200	115-1-60	42-1/2" x 17-1/2"	104 lbs	
171700	RH1P3017STANJA	30,000	1,000/1,200	208/240-1-60	42-1/2" x 17-1/2"	104 lbs	
171701	RH1P3617STANAA	36,000	1,000/1,200	115-1-60	42-1/2" x 17-1/2"	104 lbs	
171702	RH1P3617STANJA	36,000	1,000/1,200	208/240-1-60	42-1/2" x 17-1/2"	104 lbs	
171703	RH1P3621STANJA	36,000	1,200/ -	208/240-1-60	42-1/2" x 21"	124 lbs	
171704	RH1P4221STANJA	42,000	1,400/1,600	208/240-1-60	50-1/2" x 21"	146 lbs	
171705	RH1P4821STANAA	48,000	1,600/ -	115-1-60	50-1/2" x 24-1/2"	161 lbs	
171707	RH1P4821STANJA	48,000	1,600/ -	208/240-1-60	50-1/2" x 24-1/2"	161 lbs	
171708	RH1P4824STANJA	48,000	1,600/1,800	208/240-1-60	55-1/2" x 24-1/2"	161 lbs	
171709	RH1P6024STANJA	60,000	1,600/1,800	208/240-1-60	55-1/2" x 24-1/2"	181 lbs	

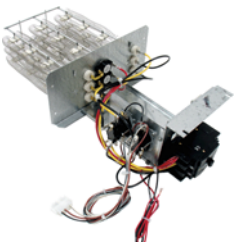
Air Handlers

Horizontal Drain Kits

Part #	Mfg #	Description	Price
120459	920265	Horizontal Drain Kit C6 Coils 24-30	
120638	920266	Horizontal Drain Kit C6 Coils 36-42	
120639	920267	Horizontal Drain Kit C6 Coils 48-60	

PROTECH

Electric Heat Kits



Electric Heat Kit for Air Handlers

Part #	Mfg #	kW Heat	Electrical	Size	Price
091408	RXBH-24A20J	20kW	208/240-1-60	3.5 - 5.0 Ton	
091409	RXBH-24A25J	25kW	258/240-1-60	3.5 - 5.0 Ton	
133871	RXBH-24A30J	30kW	208/240-1-60	3.5 - 5.0 Ton	
133869	RXBH-1724A05J	5Kw	208/240-1-60	1.5 - 5.0 Ton	
133433	RXBH-1724A07J	7kW	208/240-1-60	1.5 - 5.0 Ton	
133643	RXBH-1724A10J	10kW	208/240-1-60	1.5 - 5.0 Ton	
133644	RXBH-1724A15J	15kW	208/240-1-60	1.5 - 5.0 Ton	
133645	RXBH-1724A18J	18kW	208/240-1-60		

Ultra® Series Heat Pumps with Comfort^2 Control System™



- *Industry's lowest profile design: 33" maximum height*
- *Provides over 37+ on-board diagnostics and fault history codes for condensing units with single-phase compressors by detecting system and electrical problems.*
- *Integrated diagnostics with Active Protection™ prevents compressor operation when potentially harmful conditions are detected.*
- *Legacy enabled - unit can be conventionally wired using 24VAC with non-communicating Ruud air-handlers or furnaces with non-communicating thermostat.*
- *Reliable two-stage operation for precise temperature control with on-demand dehumidification. When matched with ECM gas furnace or air-handler, the system adjusts airflow to help control humidity for unsurpasssed comfort in the cooling mode.*
- *All controls are accessible by removing on service panel. Removable top grilled provides access to the condenser fan motor and condenser coil.*
- *Attractive, louvered wrap-around jacket protects the coil from yard hazards and weather extremeds. Top grille is steel reinforced for extra strength.*
- *Cabinet is powder painted for all-weather protection.*
- *For quiet operation and improved efficiency, models feature an ECM two-speed condenser fan motor with a 3-blade outdoor fan.*
- *All models meet or exceed a 1000-hour salt spray test per ASTM B117 standard practice or operating sal spray testing apparatus.*
- *Dual-fuel capable with select thermostats.*
- *10-Year conditional unit replacement warranty*
- *10-year parts warranty when installed with Ruud air handler or Ruud indoor coil with a Ruud gas furnace.*

16 SEER R-410A 2-Stage Premium Ultra® Heat Pump UPRL-JEC

- *Efficiencies ranging up to 17 SEER/13 EER/9.8 HSPF*

Part #	Mfg #	Nom Capacity Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Ship Wt	Price
123255	UPRL-024JEC	2.0	24,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 3/4"	264 lbs	
123257	UPRL-037JEC	3.0	36,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 3/4"	315 lbs	
123259	UPRL-049JEC	4.0	48,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	322 lbs	
123260	UPRL-060JEC	5.0	60,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	343 lbs	

Heat Pumps

Ultra® Series Heat Pumps with Comfort Control System™

- *Comfort Control System™ provides on-board diagnostic and fault history*
- *Active Protection™ prevents compressor operation when potentially harmful conditions are detected*
- *Scroll compressor*
- *Exclusive 7-Segment LED display quickly and accurately shows technicians the source of malfunctions*
- *Hard start kit*
- *Automatic reset high and low pressure controls*
- *Cabinet is constructed of powder painted galvanized steel for extreme durability*
- *Full wrap-around louvered grille protects the coil from damage*
- *Combination grille/motor mount*
- *Air discharged upward*
- *Compressor sound blanket*
- *Service valves*
- *Non-cycling reversing valve & demand defrost*
- *Bi-directional filter-drier*
- *Hot gas muffler*
- *Copper tube-aluminum fin coils are used on all models*
- *Drawn, painted base pan for extra corrosion resistance and sound reduction*
- *Energy Star® rated*
- *5-Year conditional unit replacement warranty (registration required)*
- *10-Year limited warranty on compressor*
- *10-Year limited parts warranty*

ULTRA Series



ENERGY STAR

15 SEER R-410A Ultra® 2-Stage Heat Pump UPQL-JEZ

- *Efficiencies ranging up to 15.5 SEER/13 EER/10 HSPF*

Part #	Mfg #	Nom Capacity Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Ship Wt	Price
123482	UPQL-018JEZ	1.5	18,000	208/230-1-60	19" x 27-5/8" x 40-1/2"	3/8", 3/4"	157.5 lbs	
123484	UPQL-024JEZ	2.0	24,000	208/230-1-60	19" x 31-1/2" x 44-3/8"	3/8", 3/4"	176 lbs	
123485	UPQL-030JEZ	2.5	30,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 3/4"	195.5 lbs	
123486	UPQL-036JEZ	3.0	36,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 3/4"	237.5 lbs	
123487	UPQL-042JEZ	3.5	42,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	261 lbs	
123488	UPQL-048JEZ	4.0	48,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	296 lbs	
123489	UPQL-060JEZ	5.0	60,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	304 lbs	

Heat Pumps

Achiever® Series Premium Heat Pumps

- *Scroll compressor*
- *Automatic reset high and low pressure controls*
- *Top grille is steel reinforced, air is discharged upward*
- *Combination grille/motor mount*
- *Single speed 8-pole fan motor design for low speed, quiet, energy-saving operation*
- *Cabinet is constructed of powder painted galvanized steel for extreme durability*
- *Full wrap-around louvered grille protects the coil from damage*
- *Copper tube-aluminum fin coils are used on all models*
- *Drawn, painted base pan for extra corrosion resistance and sound reduction*
- *Service valves*
- *Internal check valve*
- *Non-cycling reversing valve*
- *Demand defrost control*
- *Bi-directional filter-drier*
- *Hot gas muffler standard*
- *Energy Star® rated*
- *10-Year limited warranty on compressor*
- *10-Year conditional warranty on parts (registration required)*
- *5-Year limited parts warranty*



ACHIEVER Series

ENERGY STAR

15 SEER R-410A Achiever® Heat Pump RP15

- *Efficiencies up to 15.5 SEER/13 EER/10.45 HSPF*

Part #	Mfg #	Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Ship Wt	Price
171675	RP1518AJ1NA	1.5	18,000	208/230-1-60	19" x 27-5/8" x 40-1/2"	3/8", 3/4"	157.5 lbs	
171676	RP1524AJ1NA	2.0	24,000	208/230-1-60	19" x 31-1/2" x 44-3/8"	3/8", 3/4"	176.0 lbs	
171677	RP1530AJ1NA	2.5	30,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 3/4"	195.5 lbs	
171678	RP1536AJ1NA	3.0	36,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 3/4"	237.5 lbs	
171679	RP1542AJ1NA	3.5	42,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	261 lbs	
171680	RP1548AJ1NA	4.0	48,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	296 lbs	
171681	RP1560AJ1NA	5.0	60,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	304 lbs	

13 SEER R-410A Achiever® Heat Pump RP14

- *Efficiencies up to 14.50 SEER/12 EER/9.50 HSPF*

Part #	Mfg #	Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Ship Wt	Price
171668	RP1418AJ1NA	1.5	18,000	208/230-1-60	19" x 27-5/8" x 40-1/2"	3/8", 3/4"	165 lbs	
171669	RP1424AJ1NA	2.0	24,000	208/230-1-60	19" x 27-5/8" x 40-1/2"	3/8", 3/4"	165 lbs	
171670	RP1430AJ1NA	2.5	30,000	208/230-1-60	19" x 27-5/8" x 40-1/2"	3/8", 3/4"	174.5 lbs	
171671	RP1436AJ1NA	3.0	36,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 3/4"	239 lbs	
171672	RP1442AJ1NA	3.5	42,000	208/230-1-60	29" x 31-1/2" x 44-3/8"	3/8", 7/8"	237 lbs	
171673	RP1448AJ1NA	4.0	48,000	208/230-1-60	29" x 31-1/2" x 44-3/8"	3/8", 7/8"	239 lbs	
171674	RP1460AJ1NA	5.0	60,000	208/230-1-60	33" x 31-1/2" x 44-3/8"	3/8", 7/8"	270 lbs	

Heat Pumps

Value Line Heat Pumps



- *Coils constructed with copper tubing and enhanced aluminum fins*
- *Strong, attractive cabinet - louvered design protects the coil from damage*
- *Expansion valves with internal check valve - provides for quieter refrigerant metering*
- *Enhanced demand defrost control*
- *Factory installed low pressure control*
- *Non-cycling reversing valve*
- *Hot gas muffler*
- *Service valves*
- *Grille/motor mount for quiet fan operation*
- *Easily accessible control box*
- *Bi-directional filter drier (shipped - not installed)*
- *Certified and rated under ARI standard 240*
- *U.L. listed*

14.5 SEER R-410A Value Line Cube Heat Pump - 14PJM

- *Energy Star® rated*

Part #	Mfg #	Nom Capacity Tons	Nom Capacity BTUH	Electrical	Unit Dimensions H x W x D	Line Sets Liq, Suction	Ship Wt	Price
148670	14PJM-18A01	1.5	18,000	208/230-1-60	26-1/4" x 27-5/8" x 27-5/8"	3/8", 3/4"	162 lbs	
148671	14PJM-24A01	2.0	24,000	208/230-1-60	26-1/4" x 27-5/8" x 27-5/8"	3/8", 3/4"	163 lbs	
148672	14PJM-30A01	2.5	30,000	208/230-1-60	27-3/8" x 31-5/8" x 31-5/8"	3/8", 3/4"	178.5 lbs	
148674	14PJM-36A01	3.0	36,000	208/230-1-60	35-3/8" x 31-5/8" x 31-5/8"	3/8", 7/8"	205 lbs	
148675	14PJM-42A01	3.5	42,000	208/230-1-60	35-3/8" x 31-5/8" x 31-5/8"	3/8", 7/8"	205 lbs	
148676	14PJM-48A01	4.0	48,000	208/230-1-60	35-3/8" x 31-5/8" x 31-5/8"	3/8", 7/8"	277 lbs	
148677	14PJM-60A01	5.0	60,000	208/230-1-60	35-3/8" x 31-5/8" x 31-5/8"	3/8", 7/8"	277 lbs	

Ductless Mini-Split Systems

Mini-Split Air Conditioner Systems

FUJITSU

- *All systems use R-410A refrigerant*
- *6-Year compressor warranty*
- *2-Year parts warranty*

15 to 19 SEER Wall-Mount Air Conditioning System

- *Inverter*
- *Wireless remote*
- *Sleep and 24-hour timers*
- *Dry, auto, quiet and dry coil modes*
- *Auto louver (up/down), restart/reset and changeover*
- *Low ambient*
- *Cold prevention*
- *Apple catechin and ion deodorizing filters*


18CL

Part #	Mfg #	Nom Cool BTU/H	Volts	SEER	Indoor/Outdoor Combo	Price
096779	18CL	18,000	230/208V	19.0	ASU18CL In, AOU18CL Out	
136255	24CL1	24,000	230/208V	17.5	ASU24CL1 In, AOU24CL1 Out	
136258	30CLX1	30,700	230/208V	16.5	ASU30CLX1 In, AOU30CLX1 Out	
136261	36CLX1	33,000	230/208V	15.5	ASU36CLX1 In, AOU36CLX1 Out	

Heat Pump System

Indoor Mini-Split Air Handler Unit

Part #	Mfg #	Nom Cool BTU/H	Volts	SEER	Dimensions	Price
096825	ASU18CL	18,000	230/208V	19.0	10-13/16"H x 31-1/8"W x 8-7/16"D	
136253	ASU24CL1	24,000	230/208V	17.5	12-5/8"H x 39-1/2"W x 9"D	
136256	ASU30CLX1	30,700	230/208V	16.5	12-5/8"H x 39-1/2"W x 9"D	
136259	ASU36CLX1	33,000	230/208V	15.5	12-5/8"H x 39-1/2"W x 9"D	

Outdoor Mini-Split Condenser Units

Part #	Mfg #	Nom Cool BTU/H	Volts	SEER	Dimensions	Price
096846	AOU18CL	18,000	230/208V	19.0	22-3/4"H x 31-1/8"W x 11-13/16"D	
136254	AOU24CL1	24,000	230/208V	17.5	24-7/16"H x 31-1/8"W x 11-3/46"D	
136257	AOU30CLX1	30,700	230/208V	16.5	32-3/4"H x 35-1/2"W x 15-3/4"D V	
136260	AOU36CLX1	33,000	230/208V	15.5	32-3/4"H x 35-1/2"W x 15-3/4"D	

Ductless Mini-Split Systems

Wall-Mounted Mix & Match Multi-Zone Systems

- *All systems use R-410A refrigerant*
- *6-Year compressor warranty*
- *2-Year parts warranty*

Up to 23 SEER Wall-Mounted Mix & Match Hybrid System

- *Inverter*
- *Wireless remote*
- *Plasma filter*
- *Sleep and 24-hour timers*
- *Dry, auto, quiet and coil dry modes*
- *Auto louver (up/down), restart/reset and changeover*
- *Low ambient*
- *Cold prevention*
- *Pump down operation*
- *Energy Star® qualified*
- *7-Year limited compressor warranty*
- *5-Year limited parts warranty*

ENERGY STAR

Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Indoor/Outdoor Combo	Price
135375	9RLFW	9,000	12,000	23.0	11.0	ASU9RLF Indoor, AOU9RLFW Outdoor	
135376	12RLFW	12,000	16,000	22.0	11.0	ASU12RLF Indoor, AOU12RLFW Outdoor	
136263	18RLXFW	18,000	21,600	19.2	10.0	ASU18RLF Indoor, AOU18RLXFW Outdoor	
136264	24RLXFW	22,000	27,600	18.0	10.0	ASU24RLF Indoor, AOU24RLXFW Outdoor	

Indoor Hybrid Air Handler Units for Wall-Mounted



Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	Zone	SEER	HSPF	Dimensions	Price
133341	ASU7RLF	7,000	8,100	--	17.0	9.8	11-1/16"H x 31-1/16"W x 8"D	
133342	ASU9RLF	9,000	10,200	--	17.0	9.8	11-1/16"H x 31-1/16"W x 8"D	
133343	ASU12RLF	12,000	13,500	--	17.0	9.8	11-1/16"H x 31-1/16"W x 8"D	
133344	ASU18RLF	16,200	20,000	--	17.0	9.8	12-5/8"H x 39-1/4"W x 9"D	
133345	ASU24RLF	24,000	27,000	--	17.0	9.8	12-5/8"H x 39-1/4"W x 9"D	

Indoor Hybrid Air Handler Units for Concealed Ceiling Unit

Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	Zone	SEER	HSPF	Dimensions	Price
133350	ARU9RLF	9,000	10,200	--	14.7	9.3	7-25/32"H x 27-9/16"W x 24-13/32"D	
133351	ARU12RLF	12,000	13,500	--	14.7	9.3	7-25/32"H x 27-9/16"W x 24-13/32"D	
133352	ARU18RLF	18,000	20,000	--	14.7	9.3	7-25/32"H x 35-7/16"W x 24-13/32"D	
133353	ARU24RLF	24,000	27,000	--	14.7	9.3	7-25/32"H x 43-5/16"W x 24-13/32"D	

Ductless Mini-Split Systems

Indoor Hybrid Air Handler Units for Cassette Unit



Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	Zone	SEER	HSPF	Dimensions	Price
133346	AUU9RLF	9,000	10,200	--	17.0	9.8	9-11/16"H x 22-7/16"W x 22-7/16"D	
133347	AUU12RLF	12,000	13,500	--	17.0	9.8	9-11/16"H x 22-7/16"W x 22-7/16"D	
133348	AUU18RLF	18,000	20,000	--	17.0	9.8	9-11/16"H x 22-7/16"W x 22-7/16"D	

Outdoor Hybrid Condenser Unit

Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Dimensions	Price
135372	AOU9RLFW	9,000	12,000	Up to 23	Up to 11	21-1/4"H x 26"W x 11-7/16"D	
135373	AOU12RLFW	12,000	16,000	Up to 22	Up to 11	21-1/4"H x 31"W x 11-7/16"D	
136565	AOU18RLXFZ	18,000	18,000	Up to 19.2	Up to 10	32-3/4"H x 35-3/8"W x 13"D	
136262	AOU18RLXFW	18,000	18,000	Up to 19.2	Up to 10	32-3/4"H x 35-3/8"W x 13"D	
136566	AOU24RLXFZ	24,000	24,000	Up to 18.0	Up to 10	32-3/4"H x 35-3/8"W x 13"D	
136265	AOU24RLXFW	24,000	24,000	Up to 18.0	Up to 10	32-3/4"H x 35-3/8"W x 13"D	
136567	AOU36RLXFZ	36,000	36,000	14.7/17.0/15.8*	9.3/9.8/9.5*	14-9/16"H x 36"W x 38-3/16"D	
133340	AOU48RLXFZ	48,000	54,000	14.7/17.0/15.8*	9.3/9.8/9.5*	36"H x 38-1/4"W x 14-5/8"D	

*** Ducted/Non-Ducted/Mixed**

Single Zone Heat Pump Systems

- *All systems use R-410A refrigerant*
- *6-Year compressor warranty*
- *2-Year parts warranty*

27.2 SEER Wall-Mount Heat Pump System

- *Inverter technology*
- *Can operate down to -5°F*
- *Programmable remote*
- *Apply Catechin filter*
- *Auto louver (up/down), auto restart/reset and auto changeover*
- *Ion deodorizing filter*





Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Indoor/Outdoor Combo	Price
145118	9RLS2	9,000	12,000	27.2	12.5	ASU9RLS2 In, AOU9RLS2 Out	
145124	12RLS2	12,000	16,000	25.0	12.0	ASU12RLS2 In, AOU12RLS2 Out	
145127	15RLS2	14,500	18,000	21.5	12.0	ASU15RLS2 In, AOU15RLS2 Out	

Indoor Heat Pump Air Handler Unit

Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Dimensions	Price
145117	ASU9RLS2	9,000	12,000	27.2	12.5	11-3/32"H x 34-1/4"W x 7-3/8"D	
145121	ASU12RLS2	12,000	16,000	25.0	12.0	11-3/32"H x 34-1/4"W x 7-3/8"D	
145126	ASU15RLS2	14,500	18,000	21.5	12.0	11-3/32"H x 34-1/4"W x 7-3/8"D	

Ductless Mini-Split Systems

Outdoor Heat Pump Condensing Unit

Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Dimensions	Price
145116	AOU9RLS2	9,000	12,000	27.2	12.5	24-13/32"H x 31-3/32"W x 13-27/32"D	
145120	AOU12RLS2	12,000	16,000	25.0	12.0	24-13/32"H x 31-3/32"W x 13-27/32"D	
145125	AOU15RLS2	14,500	18,000	21.5	12.0	24-13/32"H x 31-3/32"W x 13-27/32"D	

26 SEER Wall-Mount Heat Pump System

- *Inverter*
- *Wireless remote*
- *Apple Catechin and Ion deodorizing filters*
- *Sleep timers*
- *Dry, auto, quiet, coil dry and economy modes*
- *Auto louver (4-way), auto restart/reset and auto changeover*
- *Low ambient*
- *Cold prevention*



Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Indoor/Outdoor Combo	Price
122111	9RLS	9,000	12,000	26.0	12.0	ASU9RLS In, AOU9RLS Out	

17.5 SEER Wall-Mount Heat Pump System

- *Apple Catechin filter*
- *Ion deodorizing filter*
- *Wireless remote control*
- *Auto-louver (4-way), auto restart/reset and auto changeover*
- *Low ambient operation down to 0°F*



Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Indoor/Outdoor Combo	Price
133822	30RLX	30,000	32,000	17.5	9.5	ASU30RLX In, AOU30RLX Out	

Indoor Ceiling Heat Pump Air Handler Unit

Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Dimensions	Price
114270	ASU30RLX	36,000	32,000	17.5	8.5	12-5/8"H x 39-1/2"W x 9"D	

Outdoor Ceiling Heat Pump Air Handler Unit

Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Dimensions	Price
103317	AOU18RLX	17,800	21,000	16.0	8.5	32-3/4"H x 35-1/2"W x 13"D	
103315	AOU24RLX	22,200	24,200	15.0	8.5	32-3/4"H x 35-1/2"W x 13"D	
111988	AOU36RLX	34,100	36,500	14.0	8.5	32-3/4"H x 35-1/2"W x 13"D	
114272	AOU30RLX	36,000	32,000	17.5	8.5	32-3/4"H x 35-1/2"W x 13"D	
120772	AOU42RLX	42,700	45,200	15.0	8.5	50-7/8"H x 35-1/2"W x 13"D	

Ductless Mini-Split Systems

13 and 14 SEER Wall-Mount Heat Pump System

- *Wireless remote control*
- *Sleep timer*
- *Coil dry mode, dry mode*
- *Auto louver (4-way)*
- *Auto, quiet and economy mode*
- *Auto restart/reset*
- *Auto changeover*
- *Low ambient*
- *Cold prevention*
- *Minimum heat*
- *Basic third party interface*
- *7-Year limited compressor warranty*
- *5-Year limited parts warranty*



Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Indoor/Outdoor Combo	Price
136246	9R2	9,700	9,600	14.3	8.2	ASU9R2 In, AOU9R2 Out	
136249	12R2	12,300	12,800	13.5	8.2	ASU12R2 In, AOU12R2 Out	

Indoor Heat Pump Air Handler Unit

Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Dimensions	Price
136244	ASU9R2	9,700	9,600	14.3	8.2	10-13/16"H x 31-1/8"W x 8-1/2"D	
136247	ASU12R2	12,300	12,800	13.7	8.2	10-13/16"H x 31-1/8"W x 8-1/2"D	

Outdoor Heat Pump Condensing Unit

Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Dimensions	Price
136245	AOU9R2	9,700	9,600	14.3	8.2	21-3/8"H x 31-1/8"W x 11-1/2"D	
136248	AOU12R2	12,300	12,800	13.7	8.2	21-3/8"H x 31-1/8"W x 11-1/2"D	

Ceiling Heat Pump Systems

- *All systems use R-410A refrigerant*
- *6-Year compressor warranty*
- *2-Year parts warranty*

14-16 SEER Ceiling Cassette Heat Pump System

- *Inverter*
- *Full function wired remote, remote control sensor*
- *Weekly timer*
- *Dry, auto and high ceiling modes*
- *Auto louver (up/down), restart/reset and changeover*
- *Low ambient*
- *Cold prevention*
- *Pump down operation*
- *Branch duct capable*



Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Indoor/Outdoor Combo	Price
103324	18RCLX	17,800	21,000	16.0	8.5	AUU18RCLX In, AOU18RLX Out	

Ductless Mini-Split Systems

Ceiling Heat Pump Systems (Continued)

14-16 SEER Ceiling Cassette Heat Pump System

Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Indoor/Outdoor Combo	Price
103323	24RCLX	22,200	24,200	15.0	8.5	AUU24RCLX In, AOU24RLX Out	
111989	36RCLX	34,100	36,000	14.0	8.5	AUU36RCLX In, AOU36RLX Out	

Indoor Ceiling Cassette Heat Pump Air Handler Units

Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Dimensions	Price
103316	AUU18RCLX	17,800	21,000	16.0	8.5	9-3/4"H x 32-3/4"W x 32-3/4"D	
103314	AUU24RCLX	22,200	24,200	15.0	8.5	9-3/4"H x 32-3/4"W x 32-3/4"D	
111987	AUU36RCLX	34,100	36,000	14.0	8.5	11-5/8"H x 32-3/4"W x 32-3/4"D	
120771	AUU42RCLX	42,700	45,200	15.0	8.5	11-5/8"H x 32-3/4"W x 32-3/4"D	

14 SEER Ceiling Suspended Heat Pump System

- *Inverter*
- *Wireless remote*
- *24-Hour timer*
- *Dry and auto modes*
- *Auto louver (4-way), restart/reset and changeover*
- *Low ambient*
- *Cold prevention*
- *Pump down operation*
- *Fresh air intake*



Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Indoor/Outdoor Combo	Price
132106	36RSLX	34,100	36,500	14.0	8.5	ABU36RSLX In, AOU36RLX Out	
127976	ABU24RULX	22,200	24,000	15.0	8.5	7-7/8"H x 39-1/8"W x 25-7/8"D	

Indoor Ceiling Suspended Heat Pump Air Handler Unit

Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Dimensions	Price
132067	ABU36RSLX	34,100	36,500	14.0	8.5	9-1/2"H x 65-1/2"W x 27-5/8"D	

Mini Split System Remotes

UTY-RNNUM Remote Control for Wall Mounts

- *Full function wired remote*
- *Unique lock function*



Part #	Mfg #	Description	Price
133358	UTY-RNNUM	HFI Wired Remote Control for Flex Wall Mounts	

Ductless Mini-Split Systems

UTY-LNHUM Wireless Remote Control

Part #	Mfg #	Description	Price
133360	UTY-LNHUM	HFI Wireless Remote Control	

UTY-RNBYU Wired Remote Control for Wall-Mounted Units

- *Remote control thermo sensor*
- *Child lock capable*

Part #	Mfg #	Description	Price
129542	UTY-RNBYU	Wired Remote Control for Wall-Mounted Units	

UTY-RSNUM Simple Wired Remote Control

Part #	Mfg #	Description	Price
133359	UTY-RSNUM	HFI Simple Wired Remote Control	

Fujitsu Halcyon Parts & Accessories

Branch Box



UTP-PU03A

Part #	Mfg #	Description	Price
133354	UTP-PU03A	Flex Primary Branch Box	
133355	UTP-PU03B	Flex Secondary Branch Box	

Fujitsu Halcyon Parts & Accessories



Part #	Mfg #	Description	Price
124548	K9R410A55	Access Fitting (K9R410A)	

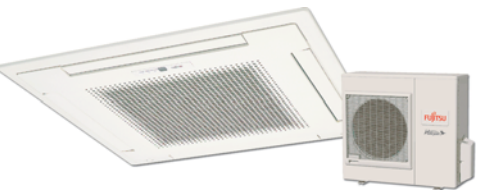
Ductless Mini-Split Systems

Ceiling Heat Pump Systems

- *All systems use R-410A refrigerant*
- *6-Year compressor warranty*
- *2-Year parts warranty*

15 SEER Ceiling Cassette Heat Pump System

- *Inverter*
- *Full function wired remote, remote control sensor*
- *Weekly timer*
- *Dry, auto, & high ceiling modes*
- *Auto louver (up/down), restart/reset, & changeover*
- *Low ambient*
- *Cold prevention*
- *Pump down operation*
- *Branch duct capable*



Part #	Mfg #	Nom Cool BTUH	Nom Heat BTUH	SEER	HSPF	Indoor/Outdoor Combo	Price
106078	42RCLX	42,700	45,200	15.0	8.5	AUU42RCLX In, AOU42RLX Out	

Mini-Split VRF Air Conditioner Systems

- *All systems use R-410A refrigerant*
- *6-Year compressor warranty*
- *2-Year parts warranty*

FUJITSU

21.7 IEER AIRSTAGE® V-II Series Commercial Multi Air Conditioning System

- *Allow control of the air conditioning in each room individually*
- *Round corner type high density multi-path heat exchanger*
- *Sine wave DC inverter control*
- *Centralized remote control system*



Part #	Mfg #	Nom Cool BTUH	Nom Heating BTUH	Electrical	Dimensions	Price
147753	AOUA72RLBV	72,000	81,000	208/230-3-60	66.54"H x 36.61"W x 30.12"D	
147755	AOUA96RLBV	96,000	108,000	208/230-3-60	66.54"H x 36.61"W x 30.12"D	

Indoor Air Handler Unit

Part #	Mfg #	Nom Cool BTUH	Type	Price
147768	ARUL7RLAV	7,000	Slim Duct	
147769	ARUL9RLAV	9,000	Slim Duct	
147770	ARUL12RLAV	12,000	Slim Duct	
147772	ARUL18RLAV	18,000	Slim Duct	
147773	ARUL24RLAV	24,000	Slim Duct	
147774	ARUM30RLAV	30,000	Duct	
147785	ASUA7RLAV	7,000	Compact Wall-Mounted	

VRF Equipment

Mini-Split VRF Air Conditioner Systems (Continued)

21.7 IEER AIRSTAGE® V-II Series Commercial Multi Air Conditioning System

Indoor Air Handler Unit

Part #	Mfg #	Nom Cool BTUH	Type	Price
147786	ASUA9RLAV	9,000	Compact Wall-Mounted	
147787	ASUA12RLAV	12,000	Compact Wall-Mounted	
147789	ASUB18RLAV	18,000	Compact Wall-Mounted	
147756	AUUA7RLAV	7,000	Compact Ceiling Cassette	
147758	AUUA9RLAV	9,000	Compact Ceiling Cassette	
147759	AUUA12RLAV	12,000	Compact Ceiling Cassette	
147760	AUUA14RLAV	14,000	Compact Ceiling Cassette	
147761	AUUA18RLAV	18,000	Compact Ceiling Cassette	
147762	AUUA24RLAV	24,000	Compact Ceiling Cassette	

Mini-Split VRF System Remotes

UTY-RNKU Wired Remote Control for VRF Units



Part #	Mfg #	Description	Price
147803	UTY-RNKU	VRF Wired Remote Control	

Mini-Split VRF System Parts & Accessories

Part #	Mfg #	Description	Price
133356	UTP-SX248A	Separation Tube	
147827	UTR-BP090X	VRF Indoor Separation Tube	
147826	UTR-BP180X	VRF Indoor Separation Tube	
147825	UTR-BP567X	VRF Indoor Separation Tube	
147828	UTR-CP567X	VRF Outdoor Separation Tube	
133349	UTG-CCGF	Compact Cassette Grille for AUU Units	
147757	UTG-CCGV	Compact Cassette Grille for Airstage V-II Units	
141456	UTR-DPB241	Drain Water Riser Kit for VRF Ceiling Type	
147829	UTR-H0906L	VRF Header (6) Straight Connects	
147830	UTR-H1806L	VRF Header (6) "L" Connects	
147831	UTR-H0908L	VRF Header (8) Straight Connects	
147832	UTR-H1808L	VRF Header (8) "L" Connects	
147823	UTY-ASGX	VRF Service Tool (Software)	
133361	UTY-XCBXZ1	HFI Interface Kit	

PTACS

Packaged Terminal Air Conditioners

- *Quiet operation*
- *High energy efficiency*
- *Digital control display*
- *Gold Fin™ anti-corrosion*
- *Auto restart*
- *Energy saver mode*
- *Front desk control*
- *Freeze room protection*
- *Dip switch setting for temperature limiting*
- *Temperature display on unit*
- *Fresh air ventilation, 70 CFM at 0.3 ESP with open damper door*
- *Dimensions: 16"H x 42"W x 19-7/8"D*
- *5-Year parts and labor warranty on sealed refrigerant system*
- *1-Year full system warranty on parts and labor, 5-year parts warranty*



R-410A Heat/Cool PTAC

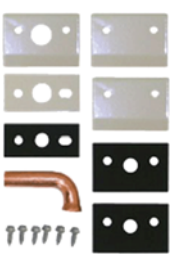
Part #	Mfg #	Cooling Capacity BTUH	EER	Electric Heater (kW)	Air Circulation CFM, H/L	Dehumid (Pts/Hr)	Max Overcurrent Protection	Ship Wt	Price
141205	LP093CD3A	9,000/8,800	11.0	3.5/3.1	335/300	2.6	20	86.6 lbs	
141206	LP123CD3A	11,800/11,600	10.5	3.5/3.1	390/355	3.3	20	97.1 lbs	
141207	LP153CD3A	14,300/14,100	9.2	3.5/3.1	390/355	4.4	20	118.1 lbs	
141208	LP153CD5A	14,100/14,300	9.2	4.6/5.0	388/353	4.4	30	118.1 lbs	

R-410A Heat Pump PTAC

Part #	Mfg #	Cooling Capacity BTUH	EER	Heating Capacity BTUH	COP	Electric Heater (kW)	Air Circulation CFM, H/L	Dehumid (Pts/Hr)	Max Overcurrent Protection	Ship Wt	Price
141210	LP093HD3A	9,000/8,800	11.0	8,100/7,900	3.2	3.5/3.1	335/300	2.6	20	101 lbs	
141212	LP123HD3A	11,800/11,600	10.6	10,800/10,600	3.2	3.5/3.1	390/355	3.3	20	101 lbs	
141213	LP153HD3A	14,700/14,500	9.4	12,100/11,900	2.6	3.5/3.1	390/355	4.4	20	109 lbs	

PTAC Accessories

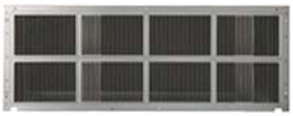
Drain Kit



Part #	Mfg #	Description	Price
141218	AYDR101	Drain Kit Interior/Exterior	

PTACS

Grille



AYRGALA01



AYAGALA01A

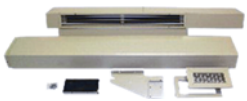
Part #	Mfg #	Description	Price
141217	AYRGALA01	42" Large Stamp Grille	
144096	AYAGALA01A	42" Aluminum Architectural Grille	

Sleeve



Part #	Mfg #	Description	Price
141216	AYSVB01A	42" Large Wall Sleeve	

PTAC Accessory Kit



Part #	Mfg #	Description	Price
145162	AYLD1A	Lateral Duct Kit	

PTAC Units



- *Features:*
  - *Enhanced dehumidification to lengthen cooling cycles*
  - *Low temperature protection*
  - *Continuous fan operation or fan cycling governed by thermostat*
  - *Condensate dispersion*
  - *Filtered ventilation*
  - *Clearly labeled digital controls*
  - *Electronic temperature limiter with (4) pre-programmed temperature ranges*
  - *Random restart*
- *Units come with "Smart Controls" to add optional front desk control and remote thermostats*
- *5-Year warranty on compressor, 1-year warranty on parts*

Heat Pump with Electric Heat - R-410A

Part #	Mfg #	Voltage	BTUH	Heat	Price
133113	EKTH09-1G3KW	208/230V	9,000	3kW	
133108	EKTH12-1G	208/230V	12,000	No Heat	
133116	EKTH12-1G5KW	208/230V	12,000	5kW	
133109	EKTH15-1G	208/230V	15,000	No Heat	
133119	EKTH15-1G5KW	208/230V	15,000	5kW	

PTAC Accessories

Part #	Mfg #	Description	Price
133092	7602-501	42" Stamped Grille	

PTAC Units (Continued)

PTAC Accessories

Part #	Mfg #	Description	Price
133090	7602-530A-230	5kW 30A 265V Power Cord for EKTC12-2G, EKTH12-2G, EKTC15-2G & EKTH15-2G	

Condensate Neutralizers

Cooling Tower & Water Treatment Products

pH-TREAT™ pH Neutralizer



- *Neutralizes condensate water raising the pH to near neutral*
- *Includes:*
  - *(1) C-Clip for mounting*
  - *(2) 1/2" Barb x 3/8" MPT fittings*
  - *(2) 3/4" FPT x 3/8" MPT fittings*
- *Designed for gravity feed*
- *Product life is expected to have 1-year service life*
- *Temperature range: 40° to 100°F*
- *Pressure range: 0 to 125 psi*

Part #	Mfg #	Description	Price
148176	4720-06	2.5" x 12" Cartridge Housing with 3/8" FPT Connections	

DIVERSITECH

Condensate Drain Cleaners

Charles Gallo Drain Gun



- *Clears condensate drains with a SWOOSH CO2 cartridge*
- *Lightweight, portable*
- *Creates 1,200 psi pressure*
- *Includes a tapered fitting to fit on 3/8" - 3/4" drain openings*
- *Cartridges are environmentally safe and recyclable*

Part #	Mfg #	Description	Price
142154	GG-1	Gallo Gun with SWOOSH CO2 Cartridge	

Swoosh CO2 Cartridge



Part #	Mfg #	Description	Price
142156	GGC-12	Replacement Cartridge for SWOOSH CO2, 12/Pk	

Condensate Overflow Switches

Condensate Cop™ Clamp-On Float Switch

- *Large over clamping area that fits the edge of all types of drain pans*
- *Separate float/probe assembly swivels to position switch*
- *Switch opens when rising water presents a flooding condition*
- *2-Wire connection*
- *24V/1.5A NC Reed switch*
- *Includes:*
  - *5' Leads*
  - *Wire nuts*
  - *Clamping screws*



Part #	Mfg #	Description	Price
148951	CC-1	Drain Pan Switch	

Condensate Drain Pans

A/C Secondary Condensate Drain Pan

- *Rolled edges for durability*
- *Ribbed bottoms for rigidity*
- *Includes 3/4" PVC fittings*



Part #	Mfg #	Bottom Dimensions	Drain Line Outlets	Price
040019	6-3060L	30" x 60" x 2"	Long	

PROTECH

Condensate Traps

100 Series Plain Clear Condensate Trap

- *Patented "See-Through" technology*
- *Watertight lower cap opens for easy access to clean drain pan outlet inside unit*
- *Remove upper cap to completely clean in seconds*
- *Cap can be replaced with optional float switch to warn owner if blockage is detected*
- *3-Year warranty*



EZ-TRAP THE TRAP EXPERTS

Part #	Mfg #	Description	Price
147440	EZT-113B	3/4" Blow Molded Economy Trap w/Brush	

Condensate Traps (Continued)

100 Series Plain Clear Condensate Trap

Part #	Mfg #	Description	Price
119480	EZT-119	1" Blow Molded Economy Trap w/Brush	

Condensate Overflows

Condensate Overflow Safety Switch



84-SS2

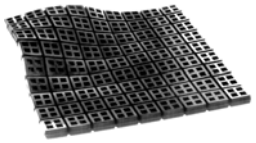
Part #	Mfg #	Description	Price
114920	84-SS2	Condensate Overflow Safety Switch - Auxiliary Drain Line Mount	
079708	84-SS3	Condensate Overflow Safety Switch - Pan Mount	

Condenser Pads

Vibration Pads

Super W Rubber Vibration Pad

- *2" Modular design*

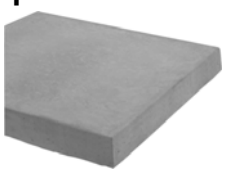


Part #	Mfg #	Size	Price
029150	SW2X2SW	2" x 2" x 3/4"	
027466	R18X18SW	18" x 18" x 3/4"	

DIVERSITECH

Ultralite™ Lightweight Equipment Pads

- *Concrete pad at weight of plastic*
- *EPS Core prevents warping and provides solid bottom to resist settling*
- *Limited lifetime warranty*



2" Ultralite™ Equipment Pad

Part #	Mfg #	Size	Price
086234	UC1636-2	16" x 36" x 2"	

E-Lite™ Plastic Equipment Pads

- *Molded with size label and symbol representing content of recycled material*
- *Rounded edges and concrete gray color*
- *Limited lifetime warranty*



2" E-Lite™ Equipment Pad

Part #	Mfg #	Size	Price
023182	EL2424-2	24" x 24" x 2"	
122773	EL2430-2	24" x 30" x 2"	
021931	EL2436-2	24" x 36" x 2"	
023183	EL3030-2	30" x 30" x 2"	
023229	EL3036-2	30" x 36" x 2"	
023184	EL3040-2	30" x 40" x 2"	
039431	EL3232-2	32" x 32" x 2"	
023185	EL3636-2	36" x 36" x 2"	
039688	EL3640-2	36" x 40" x 2"	
021932	EL3648-2	36" x 48" x 2"	

3" E-Lite™ Equipment Pad

Part #	Mfg #	Size	Price
147199	EL1838-2	18" x 38" x 3"	
110904	EL2424-3	24" x 24" x 3"	
122936	EL3030-3	30" x 30" x 3"	
110907	EL3636-3	36" x 36" x 3"	
110910	EL3842-3	38" x 42" x 3"	

Heat Pump Pad™

- *Raises the pump a full 8" off the ground*
- *Precision molded from eco-friendly, recycled polypropylene*
- *Includes (8) high quality anti-vibration pads*
- *Base angled to direct melting snow or water from the unit*



Part #	Mfg #	Size	Price
131414	HP3636-8	36" x 36" x 8"	

A/C Condenser Mounting Brackets

- *No hardware included*
- *Pre-punched holes for fastening unit to bracket*
- *7/16" Holes for wall mounting hardware*
- *Load capacity dependent upon hardware/wall load limitations*
- *3" Bracket width, 16" height*



Part #	Mfg #	Description	Price
132370	ACB-30	30" Steel, Pair	
132372	ACB-36	36" Steel, Pair	
132373	ACB-42	42" Steel, Pair	
132374	ACB-48	48" Steel, Pair	

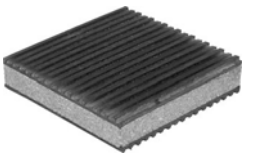
Vibration Pads

Anti-Vibration Pads

- *Reduces vibration and noise from air-conditioning and refrigeration equipment*
- *Compounded for excellent resistance to aging, compression set and oil*

Cork/Rubber Anti-Vibration Pad

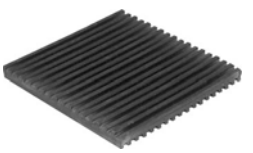
- *Solid cross-ribbed design (3/8" thick)*
- *Ribbed design with cork center (7/8" thick)*



Part #	Mfg #	Size	Price
095859	6132	2" x 2" x 7/8"	
120264	6133	3" x 3" x 7/8"	
027603	6134	4" x 4" x 7/8"	

All Rubber Anti-Vibration Pad

- *Has a solid cross-ribbed design (3/8" thick)*



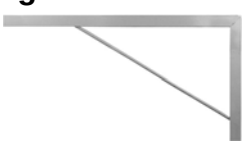
Part #	Mfg #	Size	Price
002304	6438	18" x 18" x 3/8"	

A/C Brackets

Part #	Description	Price
042910	36" Wall Bracket	
042911	42" Wall Bracket	

Air Conditioning Hanging Brackets

- *1/8" Thick steel*
- *Mounts at any height*

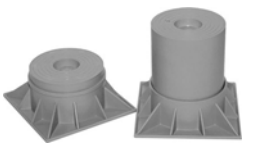


Part #	Mfg #	Description	Price
066780	19881	42" A/C Bracket	

Equipment Stands & Mounting Blocks

Pump-Up® Equipment Stand

- *Elevate heat pumps and air handling units*
- *Corrosion-resistant plastic*
- *Helps prevent corrosion of metal base*
- *Solid 6" x 6" mounting base*
- *Top diameter: 4-1/8"*



Part #	Mfg #	Description	Price
064183	4004	4" Pump-Up® Extension	
064182	4008	6" High	
056395	4012	10" High	

Defrost Controls & Sensing Bulbs

Commercial Remote Bulb Temperature Controls

T675 Remote Bulb Temperature Control



- *SPDT Switching*
- *External setpoint knob*
- *Setpoint temperature range: 0° to 100°F*
- *Maximum temperature: 125°F*
- *Differential temperature: 3° to 10°F*

Part #	Mfg #	Description	Price
006797	T675A1565	20' Copper Element	

PARAGON

Commercial Refrigeration Defrost Controls

8040 Series Defrost Control



- *Time initiated*
- *Time terminated*
- *40 Amp*
- *Adjusted length of defrost 4 to 110 minutes*

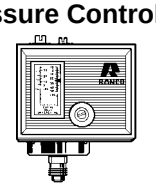
Part #	Mfg #	Volts @ 60Hz	Contacts 2-4 / 1-3 / 3-N	Price
149813	8041-00	120V	Closed/Open/Closed	
149808	8041-20	208/240V	Closed/Open/Closed	

RANCO

Commercial Refrigeration Controls

Single Function Pressure Control

- *NEMA 1 Enclosure with non-conductive cover*
- *Front-located captive cover screw*
- *Super Cap® capillary protection system*
- *Universal mounting & compact design*
- *Laser-welded bellows for extended life*



1/4" Male Flare

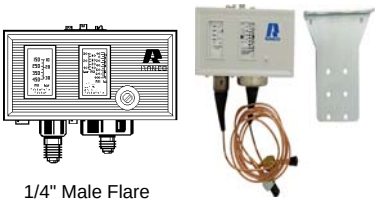


Part #	Mfg #	Description	Switch	Range	Differential	Price
149810	O10-1483	36" Capillary with Flare Nut	SPST Open Low	10 - 100 psig	10 - 40 psi	
063790	O10-2054	36" Capillary with Flare Nut	SPST Open Low	100 - 400 psig	40 - 150 psi	

Defrost Controls & Sensing Bulbs

Dual Function Pressure Control

- *Exclusive "convertible" reset for manual or automatic high pressure reset on some models*
- *NEMA 1 Enclosure with non-conductive cover*
- *Front-located captive cover screw*
- *Super Cap® capillary protection system*
- *Universal mounting & compact design*
- *Laser-welded bellows for extended life*
- *Heavy-duty plated steel frame*



1/4" Male Flare

Part #	Mfg #	Cut-In Range PSIG	Diff. PSI	Cut-Out Range PSIG	Diff. PSI	Low Pressure (Opens Low)	High Pressure (Opens High)	Price
149809	O12-4834	10 - 100	10 - 40	150 - 450	70 Fixed	Automatic	Convertible	

Temperature Controls

ETC Commercial Temperature Control

- *Wide temperature range: -30° to 220°F*
- *Wide differential adjustment: 1° to 30°F*
- *LCD Read-out for sensor temperature, control settings and relay status*
- *High amp output relay*
- *EEPROM Memory retains control settings during power outages*
- *Keypad lockout to prevent end-user alteration of settings*
- *Easy 4-step set up*
- *Heavy-duty relay 1 hp rated*



Part #	Mfg #	Number Stages	Enclosure	Input Voltage	0 to 10 Volt Output	Price
066936	ETC-111000	1	NEMA-1	120/208/240VAC	No	
107652	ETC-112000	1	NEMA 1	24VAC	No	
064236	ETC-212000	2	NEMA 1	24VAC	No	

General Range Temperature Control

- *Maximum adjustment accuracy with 7 revolution range adjustment screws*
- *NEMA 1 enclosure with non-conductive cover*
- *Front-located captive cover screw*
- *Universal mounting & compact design*
- *Laser-welded bellows for extended life*



w/Remote Bulb



w/Ambient Bulb O1014x

General Range Temperature Control - SPST - Opens High or Low

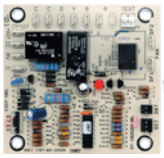
Part #	Mfg #	Applications	Range	Differential	Description	Price
149812	O10-1072	Low (Freezer)	-15° - 40°F	*+3° - 20°F	Air Coil	
149811	O10-1802	High	25° - 75°F	*+3° - 20°F	Air Coil	

***+Differential at the low end of range is 6 to 25.**

Defrost Controls & Sensing Bulbs

Defrost Controls

Defrost Control Board

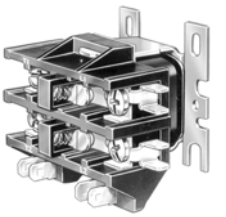


Part #	Mfg #	Description	Price
125435	47-102710-02	Defrost Control Sensor	
123566	47-102684-83	Defrost Control Board	
133893	47-102685-85	Defrost Control Board Kit	

Electrical

Contactors

Economy DP-Series Contactor



- *Electromagnetically-operated definite purpose 2-pole contactors provide switching for across-the-line starting of induction motors*
- *Double 1/4" quick connects*
- *Low profile design allows for more wiring room*
- *Multiple mounting holes and slots for convenient, interchangeable mounting with most competitive devices*
- *Not ARI-780 compliant, use where a "ruggedized" device is NOT required*

Part #	Mfg #	Coil Ratings Voltage	Poles	Electrical Contacts Full Load	Electrical Contacts Resistive	Price
017624	DP2030A1003*	24V	2-Pole	30A @ 240/277VAC	48A @ 240/277,480,600VAC	

*** #10 Combination head screws**

PROTECH

Protech Contactors

Single Pole Contactor



Part #	Mfg #	Amps	Coil Volts	FLA @230V	LRA @230V	Resistive @230V	Price
123677	42-102851-01	25A	24V	25	150	35	
125433	42-42478-03	30A	24V	25	150	35	
018074	42-25101-01	30A	24V	25	150	35	
030033	42-25101-03	40A	24V	40	240	50	

Two Pole Contactor



Part #	Mfg #	Amps	Coil Volts	FLA @230V	LRA @230V	Resistive @230V	Price
022556	42-25102-01	30A	24V	32	180	40	
069435	42-42139-13	40A	24V	40	240	50	

Three Pole Contactor

Part #	Mfg #	Amps	Coil Volts	FLA @230V	LRA @230V	Resistive @230V	Price
017913	42-25103-01	30A	24V	32	180	40	
053005	42-25103-02	30A	240V	32	180	40	
022561	42-25103-05	50A	24V	50	300	63	

Pressure Controls

P70 Series - Single Pole High Pressure Control

- *Full adjustability, minimum differential*
- *Long life contact structure, no bounce on make*
- *Manual reset models are "trip-free"*
- *Includes a universal mounting bracket*
- *For use with:*
  - *Air conditioning and refrigeration*
  - *Controls of air, water, and oil pressure*



Models for High Pressure Non-Corrosive Refrigerants: R-12, R-22, R134A, R-500, R-502 (R)

Part #	Mfg #	Switch Action	Range PSIG	Diff PSI	Max Over-Pressure PSIG	Limited Knob Adj	Pressure Connection	Price
143982	P70AA-400	SPST Opens Low	100 to 470	35 to 200	690	None	36" Cap, 1/4" Flr Nut	

Electrical

LiquidTite Flex Conduit and Fittings

DiversiWhip - Metallic Connectors

- *Liquid-tight flexible conduit system*
- *Three distinct wire colors*
- *(1) Straight and (1) 90° metallic connectors*
- *UL & cUL Listed*



Part #	Mfg #	Description	Price
011632	6-12-4	1/2" x 4', #10 THHN	
011633	6-12-6	1/2" x 6', #10 THHN	
034348	6-34-6	3/4" x 6', #8 THHN	

RUUD

Electrical Parts & Accessories

RXAD - Low Ambient Control Kit

Part #	Mfg #	Description	Price
124470	RXAD-A08	Installed in Units to be Operated for Cooling at Outdoor Ambient Temperatures Under 70° F	

Crankcase Heater

Part #	Mfg #	Description	Price
043854	44-17402-17	Crankcase Heater	
033123	44-17402-47	Crankcase Heater	

Hard Start Kit

Part #	Mfg #	Description	Price
141497	42-ICM860	Hard Start Kit	

Kick Start

- *For single phase 208V, 230V, 265V A/C refrigeration and heat pump compressors*
- *2-Wire pre-assembled starting component utilizes a mechanical potential relay and a start capacitor*

Part #	Mfg #	Description	Price
104511	42-KS1	3-1/2 - 5 Ton Condenser Motor Kick Start	
104510	42-TO5	1 - 3 Ton Condenser Kick Start	

Low Ambient Control

Part #	Mfg #	Description	Price
108140	47-ICM325HNC	Low Ambient Fan	

Parker

Solenoid Valves

General Purpose (GP) Type I Two-Way Solenoid Valve

- *Minimum operating pressure differential: 1 psi*
- *Maximum temperature: 225°F*
- *Normally closed only*
- *For general application on non-corrosive fluids such as air, water below 180°F, light oils below 300 SSU and low vacuum*



Part #	Mfg #	Description	Price
005716	70562	1/2" Port, 1/2" FPT	
005717	70712	3/4" Port, 3/4" FPT	

Solenoid Coils for GP Valve

Part #	Mfg #	Description	Price
005722	77300	9W, 24V, 50/60Hz	
005720	77310	9W, 120V, 56/60Hz	
005719	77360	9W, 120/240V, 50/60Hz	

Solenoid Valve Repair Kit

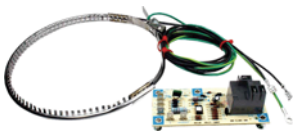
Part #	Mfg #	Description	Price
005723	76731	Valve Repair Kit for GP600 (70712)	

Electrical

Crankcase Heaters

Belly Band Type - Scroll Compressor

- *Easy to install; adjustable by screw*
- *Uses high temperature silicone rubber element*
- *For optimum heat transfer, mount in lowest position on compressor housing*



Part #	Mfg #	Volts	Watts	Lead Wire Size (AWG)	Lead Wire Length	Ground Wire Length	Price
137561	44-101884-05	230V	40W	18	48"	48"	
091893	44-17402-44	230V	40W	18	48"	22"	

Liquid Line Filter-Driers

Liquid Line Filter-Drier (Uni-Directional)

- *Solid core, activated alumina with molecular sieve*
- *Corrosion resistant epoxy powder paint finish*
- *Suitable for R-22 and R-410A*
- *680 psig Maximum working pressure*
- *Solid copper fittings*



Part #	Mfg #	Connection	OAL	Body Length	Body Diameter	Price
096121	83-25151-10	3/8" Sweat ODF	4-1/2"	3"	2-5/8"	
096130	83-25151-16	3/8" Sweat ODF	5-5/16"	3-13/16"	2-5/8"	
096132	83-25151-23	3/8" Sweat ODF	6-1/8"	4-5/8"	2-5/8"	

Liquid Line Filter-Drier (Bi-Directional)

- *Solid core, activated alumina with molecular sieve*
- *Internal check valve for heat pump applications*
- *Removes all types of foreign particulate material*
- *Corrosion resistant epoxy powder paint finish*
- *For R-22 and R-410A, 680 psig maximum working pressure*
- *Solid copper fittings*



Part #	Mfg #	Connection	OAL	Body Length	Body Diameter	Price
096133	83-25152-05	3/8" Sweat ODF	6-1/16"	4-5/8"	3-1/8"	
096137	83-EK-163S	3/8" Sweat ODF	6-1/4"	4-3/4"	2-5/8"	

ADK Core Style Liquid Line Filter-Drier (Uni-Directional)

- *Corrosion resistant epoxy powder paint finish*
- *High moisture and acid removal capacity*
- *Solid copper ODF fittings*
- *Copeland approved for POE oils*
- *40 Micron filtration*
- *UL/cUL File SA3124*



EMERSON

Part #	Mfg #	Connection	OAL	Body Length	Body Diameter	Price
149928	83-ADK-052	1/4" Flare SAE	4-13/16"	3"	2-5/8"	
149929	83-ADK-053	3/8" Flare SAE	5-1/8"	3"	2-5/8"	

Filter Driers

Liquid Line Filter-Driers (Continued)

ADK Core Style Liquid Line Filter-Drier (Uni-Directional)

Part #	Mfg #	Connection	OAL	Body Length	Body Diameter	Price
133408	83-ADK-083	3/8" Flare SAE	5-15/16"	3-3/16"	2-5/8"	
149930	83-ADK-084	1/2" Flare SAE	6-3/16"	3-3/16"	2-5/8"	
094060	83-ADK-162	1/2" Flare SAE	6-7/16"	4-5/8"	2-5/8"	
149932	83-ADK-163	3/8" Flare SAE	6-3/4"	4-5/8"	2-5/8"	
149933	83-ADK-164	1/2" Flare SAE	6-15/16"	4-5/8"	2-5/8"	
149934	83-ADK-165	5/8" Flare SAE	7-7/16"	4-5/8"	2-5/8"	
149935	83-ADK-303	3/8" Flare SAE	9-5/8"	7-1/2"	3-1/16"	
149936	83-ADK-304	1/2" Flare SAE	9-7/8"	7-1/2"	3-1/16"	

Sporlan Catch-All Liquid Line Filter-Drier (Uni-Directional)

- *Solid core, activated alumina with molecular sieve*
- *Corrosion resistant epoxy powder paint finish*
- *Suitable for R-22, R-410A*
- *650 psig Maximum working pressure*

Part #	Mfg #	Connection	OAL	Body Length	Body Diameter	Price
097691	83-25208-01	1/4" Sweat ODF	4-3/16"	3-7/16"	2-7/16"	
080952	83-25208-03	3/8" Sweat ODF	5-1/4"	4-3/8"	2-5/8"	
080950	83-25208-04	3/8" Sweat ODF	5-7/8"	5"	3"	
080951	83-25208-05	1/2" Sweat ODF	6"	5"	3"	

Suction Line Filter-Driers

Suction Line Filter Drier (Standard Shell)

- *Solid core; solid copper fittings*
- *Activated alumina/activated carbon/molecular sieve desiccant*
- *Suitable for R-22 and R-410A, 500 psig maximum working pressure*
- *For use after a burnout or when major system work has been performed*
- *(2) Pressure taps;one each at the inlet and outlet ends*
- *Corrosion resistant epoxy powder paint finish*

Part #	Mfg #	Connection	OAL	Body Length	Body Diameter	Price
096151	83-25153-09	5/8" Sweat ODF	9-7/32"	7-7/16"	3"	
087301	83-25153-10	3/4" Sweat ODF	9-5/8"	7-7/16"	3"	
096158	83-25153-11	7/8" Sweat ODF	9-7/16"	7-7/16"	3"	

Filter Driers

Sporlan Catch-All Suction Line Filter-Drier (Standard Shell)

- *Solid core, solid copper fittings*
- *Premium product with activated alumina/activated carbon/molecular sieve desiccant*
- *Suitable for R-22, R-410A*
- *650 psig Maximum working pressure*
- *For use after burnout or when major system work has been performed*
- *One pressure tap at the inlet end*
- *Corrosion resistant epoxy powder paint finish*



Part #	Mfg #	Connection	OAL	Body Length	Body Diameter	Price
092126	83-25209-03	7/8" Sweat ODF	6-5/16"	4-9/16"	3"	
087302	83-25209-05	7/8" Sweat ODF	9-3/4"	8"	3"	
092125	83-25209-06	1-1/8" Sweat ODF	9-3/4"	8"	3"	

CSFD Suction Line Filter-Drier (Compact Shell)

- *Solid core; solid copper fittings*
- *Activated alumina with molecular sieve desiccant*
- *Suitable for R-22 and R-410A*
- *Maximum working pressure: 400 psig*
- *Compact design for short lay-in applications*
- *Two pressure taps; one each at the inlet and outlet ends*
- *Corrosion resistant epoxy powder paint finish*

EMERSON



Part #	Mfg #	Connection	OAL	Body Length	Body Diameter	Price
149938	83-CSFD-14S4VV	1/2" Sweat ODF	4-1/4"	2-3/4"	4-5/8"	
149939	83-CSFD-14S5VV	5/8" Sweat ODF	4-1/2"	2-3/4"	4-5/8"	
140741	83-CSFD-14S6VV	3/4" Sweat ODF	4-3/8"	2-3/4"	4-5/8"	
140742	83-CSFD-14S7VV	7/8" Sweat ODF	4-9/16"	2-3/4"	4-5/8"	

Parker

Filter-Driers

Liquid Line Filter-Drier

- *One valve can be employed for all refrigerants*
- *Maintains constant evap pressure*
- *Provides freeze-up protection on A/C*
- *Compatible with all existing and new refrigerants*
- *High moisture capacity dessicant*



Part #	Mfg #	Size	Connection	Price
008288	SS-052S	1/4"	Sweat	
008290	SS-083S	3/8"	Sweat	

Filter Driers

Suction Line Filter-Drier

- *500 Hours salt spray protection*
- *High capacity acid retention desiccants*
- *Solid copper sweat fittings*



Part #	Mfg #	Size	Connection	Price
008255	SLD135SV	5/8"	Sweat	
008257	SLD277SV	7/8"	Sweat	

Condenser Accessories

Filter Drier

Part #	Mfg #	Description	Price
092127	832520902	Filter-Drier 3/4" C166sthh	

Refrigerant Parts & Accessories

ThermO-Snap Clamps™

Universal Mounting Bracket



- *Pre-mounted brackets provide an easy one-man installation job*
- *Multi-use applications including copper, PVC and ABS pipe*
- *Maintenance free - use indoors or out*
- *Eliminates vibrations and noise call backs*
- *Easy to re-open for an additional or custom adjustment*
- *UV Protected*

Part #	Mfg #	Description	Price
034839	41118	Residential 1-1/2" OD	
094315	41125	Commercial Plastic Line 2" OD	

RUUD

Refrigerant Parts & Accessories

Refrigerant Caps and Accessories



R22 Cap



R410 Cap



Multikey

NOVENT® LOCKING REFRIGERANT CAPS

Part #	Mfg #	Description	Price
139299	NG-R22-2PK	Tamper-Resistant Green Caps R22 2/Pack	
139303	NG-R22-SDT	Screwdriver/Key R22 Green/Silver	
139300	NG-R410-10PK	Tamper-Resistant Pink Caps R410 10 Pack	
139304	NG-R410-SDT	Screwdriver/Key R410 Pink	
139302	NV-MULTI-KEY	Locking Refrigerant Cap Key	

Sealing Caps

Brass Sealing Cap - Hex Head Flare Fitting



Part #	Mfg #	Size	Qty	Price
140748	82-A04544	1/4"	50	
140749	82-A04545	3/8"	25	

Brass Sealing Cap - Serrated Head Flare Fitting

Part #	Mfg #	Size	Price
140746	82-A16447	1/4"	

Protective Cap - Brass w/o Core Removal Tool

Part #	Mfg #	Description	Price
126195	83-CD2245-6PK	Protective Cap - Brass w/o Core Removal Tool 6/Pk	

Valves

Piercing Valve

Part #	Mfg #	Description	Price
085911	611002	QTM2 Line Piercing Valve	
133637	4051-99	A/C Piercing Valve & Hose	

Valve

Part #	Mfg #	Description	Price
104504	83-CD4338-1PK	Line Tap Valve	

Refrigerant & Recovery Cylinders

Genetron® Cylinders

Disposable Cylinder

Part #	Mfg #	Description	Price
047438	10143177	25 lb R-410A	
004400	1043454	30 lb R-22	

PROTECH

Refrigeration Chemicals

Mineral Refrigeration Lubricant


H-2301


H-2401

- *Viscosity 150 SUS (ISO VG 32) replaces 3GS*
- *Viscosity 300 SUS *(ISO VG 68) replaces 4GS*
- *For use with CFC and HCFC refrigerants*
- *Refined from select napthenic base oils*
- *Wax free and oem approved*
- *Highest quality available and long-term, trouble-free service*
- *Low temperature properties*
- *(6) Containers per package*

Hydro Balance

Part #	Mfg #	Description	Price
104480	85-H-2301	1 gal, 150 Viscosity	
149944	85-H-2401	1 gal, 300 Viscosity	

Sight Glasses

Ruud™ Sight Glass



Part #	Mfg #	Connection	OAL	Price
140739	83-25156-02	3/8" Sweat ODF	4-5/8"	
140740	83-25156-04	1/2" Sweat ODF	4-7/8"	

See-All Sight Glass - Sporlan

- *Painted steel body with copper fittings*
- *Includes protective cap for glass viewing window*
- *Suitable for R-22 and R-410A, 650 psig maximum working pressure*



Part #	Mfg #	Connection	OAL	Price
022555	83-25211-02	3/8" Sweat ODF	4-5/8"	
022563	83-25211-04	1/2" Sweat ODF	4-7/8"	

Ruud Sight Glasses

RXAG - Sight Glass Kit

Part #	Mfg #	Description	Price
094285	RXAG-A048	For 125,150,151 Comm Condensing Units & 75,100 Heat Pumps	

Refrigerant Ball Valves

ABV Refrigeration Ball Valve

- *Forged brass body, hermetic design with access valve*



Part #	Mfg #	Connection Size	OAL	Description	Price
132259	83-ABV-3A	3/8" ODF	5-1/2"	1/2" SAE Port with Schrader Core	
132260	83-ABV-4A	1/2" ODF	6-3/8"	1/2" SAE Port with Schrader Core	
132262	83-ABV-7A	7/8" ODF	7-1/2"	3/4" SAE Port with Schrader Core	
132264	83-ABV-11A	1-3/8" ODF	10"	1-1/4" SAE Port with Schrader Core	

SpeediChannel Line Set Cover Systems

SpeediChannel™ Line Set Covers

- *SpeediChannel™ 6-1/2' long and can be cut-to-size*
- *UV-Resistant, UL listed*
- *White finish, paintable*





Part #	Mfg #	Size	Description	Price
113862	230-B2M	18"	Type 2 Wall Bracket (Med)	
113863	230-B2L	21"	Type 2 Wall Bracket (Lg)	
113138	230-D3	3"	Channel	
113145	230-D4	4"	Channel	
113139	230-CP3	3"	Union Coupling	
113146	230-CP4	4"	Union Coupling	
117848	230-TC34	3" x 4"	Reducer Coupling	
117851	230-DC3	3"	Cap	
113141	230-DE3	3"	End Cap	
113148	230-DE4	4"	End Cap	
117841	230-EB3	3"	90° Inside Elbow	
117843	230-EIN3	3"	90° Outside Elbow	
113140	230-FB3	3"	90° Flat Elbow	
117846	230-FB454	4"	45° Flat Elbow	
117842	230-EB4	4"	90° Inside Elbow	
117844	230-EIN4	4"	90° Outside Elbow	
113147	230-FB4	4"	90° Flat Elbow	
117840	230-LFB4	4"	90° Long Radius Flat Elbow	
117839	230-LFB3	3"	90° Long Radius Flat Elbow	
113142	230-WC3	3"	Wall Penetration Sleeve	
113149	230-WC4	4"	Wall Penetration Sleeve	
117850	230-FJ4	4"	Flex Joint	
117849	230-FJ3	3"	Flex Joint	
117847	230-TJ4	4"	T-Joint	
116968	230-MB17W	17"	Mounting Block White	
116969	230-MBCW		Mounting Block End Cap	
117853	230-FR3	3"	Wall Escutcheon	

Mini-Split Drain Line

- *Cut marks every 3.28'*



Part #	Mfg #	Size	Price
140145	230-DL16	5/8" ID x 160'	
140146	230-DL20	3/4" ID x 160'	

GASOILA CHEMICALS

Leak Detectors

Leak-Tech Gold™

- *For use on gas lines, gas cylinders, refrigeration condensers, air lines ,air pumps or any other system carrying gas*
- *Can be used on all types of piping*
- *Non-toxic and non-corrosive*
- *Temperature range: 28° to 180°F*
- *Not for use on oxygen systems*

Part #	Mfg #	Description	Price
034246	LT08	8 oz with Dauber	
034245	LS16	1 pt Spray Bottle	

LA-CO Markal

Leak Detectors

Sure-Chek® All-Temperature Leak Detector

- *Ultra-sensitive, long-lasting bubbles*
- *Fluorescent for improved visibility*
- *Safe for oxygen*
- *Non-corrosive, non-toxic*



Part #	Mfg #	Size	Price
033194	32850	1 pt	

Leak Detection

VISU-GLOW® High Visibility Leak Detector

- *Fluorescent color shows brightly even in dimly lit places*
- *For use on CSST systems*
- *High viscosity stays on vertical surfaces*
- *Makes it easy to find leaks*
- *Non-corrosive, non-toxic*
- *Safe for oxygen*
- *Temperature range: 15° to 200°F*



Part #	Mfg #	Size	Price
005975	32898	8 oz	

HERCULES

Leak Detectors

Megabubble® Leak Detector

- *Detects gas leaks in pipe lines, tanks, coils, cylinders, valves, etc*
- *Used to detect leaks of air, natural gas, refrigerants, CO2 and almost all known gases*
- *Non-toxic and contains only high quality, non-staining ingredients*



Part #	Mfg #	Size	Price
132929	45801	8 oz Dauber Bottle	

Oatey®

All-Purpose Leak Detectors

- *Detects leaks quickly on all types of tubing valves, cylinders, pressure tanks or other systems under air, gas or oxygen pressure*
- *Temperature range: -55 to +160°F*
- *Slow evaporation rate provides longer inspection time*



Part #	Mfg #	Size	Price
018413	30209	8 oz with Dauber	
031651	30212	1 gal	

ROBINAIR

Leak Detectors

Tracker System Replacement Dye

- *Universal A/C Dye*
- *Use with mineral, ester and alkylbenzene oils*
- *Shines bright yellow in UV light*



Part #	Mfg #	Size	Dye	Case Qty	Price
034252	16276	1/4 oz	R-12	12	

Refrigeration Technologies

Leak Detectors

Big Blu Micro Leak Detector Solution

- *The only bubble detector capable of identifying gas leakage approaching the sensitivity of electronic sniffers*
- *Non-toxic*
- *Biodegradable*
- *Oxygen safe*



Part #	Mfg #	Description	Price
134238	RT100S	1 qt Spray	

Super Blu Micro Leak Detector Solution

- *50% Glycol solution at the same level of Big Blu detector*



Part #	Mfg #	Description	Price
135048	RT150S	1 qt Spray	

Leak Detection

Leak Detection Flashlights

OPTIMAX Jr™ LED Leak Detection Flashlight



- *Cordless*
- *Blue light LED for leak detection*
- *Perfect for tight spaces*
- *Power comparable to high intensity 75W lamps*
- *Inspection range up to 6' or more*
- *100,000/Hour LED life*
- *Powered by (3) "AA" batteries (included)*
- *Includes fluorescence-enhancing glasses (UVS-40)*

Part #	Mfg #	Description	Price
138625	OPX-500CS	OPTIMAX Jr™ Flashlight	

Dual-Max™ Multi-Function LED Flashlight



- *Cordless*
- *Dual-head flashlight features super bright blue light LED for leak detection plus white light LED for general component inspection*
- *Power comparable to high intensity 75W lamps*
- *Inspection range up to 6' or more*
- *Compact design allows easy access into tight spaces*
- *100,000/Hour LED life*
- *Powered by (3) "AAA" batteries (included)*
- *Includes holster and fluorescence-enhancing glasses (UVS-40)*

Part #	Mfg #	Description	Price
138626	OPD-500CS	Dual-Max™ Flashlight	

Leak Detection Kits

EZ-Ject™ Kit with OPTIMAX Jr™ Flashlight



- *For small to medium size AC&R systems, including high pressure R-410A systems*
- *Includes:*
  - *OPTIMAX Jr™ flashlight (OPX-500CS)*
  - *EZ-Ject™ dye injector assembly (EZ-50)*
  - *Hose assembly with check valve and low-loss fitting (EZ-25)*
  - *(2) 0.5 oz Universal/POE cartridges (EZ-4/ECS)*
  - *(3) Drip plugs for hose/coupler*
  - *Fluorescence-enhancing glasses (UVS-40)*
  - *8 oz Spray bottle of GLO-AWAY™ dye cleaner (CR-800)*
  - *Plastic carrying case (CC-110)*

Part #	Mfg #	Description	Price
138620	OPK-50EZ/E	EZ-Ject™ Kit w/OPTIMAX Jr™ Flashlight	

GLO-STICK® Kit with OPTIMAX Jr™ Flashlight



- *For small to medium size AC&R systems, including high pressure R-410A systems*
- *Includes:*
  - *OPTIMAX Jr™ flashlight (OPX-500CS)*
  - *(1) Bleed valve for attaching GLO-STICK® capsule to service hose (BV-50)*
  - *(1) Purge capsule (PC-0249)*
  - *(1) Hose to connect to low side service port (119567)*
  - *(1) Universal/POE GLO-STICK® dye capsule (GS-1/E)*
  - *(2) Universal/POE GLO-STICK® dye capsules (GS-2/E)*
  - *(1) Universal/POE GLO-STICK® dye capsule (GS-3/E)*
  - *Fluorescence-enhancing glasses (UVS-40)*
  - *8 oz Spray bottle of GLO-AWAY™ dye cleaner (CR-800)*
  - *Plastic carrying case (CC-110)*

Part #	Mfg #	Description	Price
138623	OPK-50GS/E	GLO-STICK® Kit w/OPTIMAX Jr™ Flashlight	

Leak Detection

Injection Kits

ACID-BUSTER™ Injection Kit



- *Acid scavenging solution, eliminates acid buildup in AC&R systems*
- *Prevents compressor burnout*
- *Ideal for small to medium sized systems*
- *Works with all lubricants and systems, including high pressure R-410A systems*
- *Includes:*
  - *EZ-Ject™ injector assembly (EZ-50)*
  - *Hose assembly complete with check valve and 1/4" flare low-loss fitting (EZ-25)*
  - *(2) 0.5 oz EZ-Ject™ cartridges filled with ACID-BUSTER™ acid scavenging solution (AB-5CS)*

Part #	Mfg #	Description	Price
138635	AB-100CS	ACID-BUSTER™ Injection Kit	

Cartridges

EZ-Ject™ Universal Dye Cartridge



- *(6) 0.5 oz Dye cartridges for mineral oil, polyolester and alkyl benzene*

Part #	Mfg #	Description	Price
138624	EZ-4/ECS	Treats up to 25 lbs of Refrigerant or 2 gals of Lubricant	

Replacement ACID-BUSTER™ Universal Cartridge



- *Filled with ACID-BUSTER™ acid scavenging solution*

Part #	Mfg #	Description	Price
138636	AB-5CS	0.5 oz Cartridge for EZ-Ject™	

GLO-STICK® Universal Dye Capsules



- *For small to medium size systems*
- *Prefilled, disposable capsules allow dye to be injected into pressurized systems using refrigerant*
- *Will withstand pressures of more than 1000 psi*
- *For mineral oil, polyester and alkyl benzene lubricant systems*

Part #	Mfg #	Description	Price
138629	GS-101/ECS	Case of (6) 0.03 oz Capsules, Up to 2.9 lbs of Refrigerant or 15 fl oz of Lubricant	
138630	GS-1/ECS	Case of (6) 0.5 oz Capsules, Up to 4.9 lbs of Refrigerant or 1.6 qts of Lubricant	
138632	GS-2/ECS	Case of (6) 0.5 oz Capsules, 5 to 9.9 lbs of Refrigerant or 1.7 to 3.2 qts of Lubricant	
138634	GS-3/ECS	Case of (6) 0.5 oz Capsules, 10 to 25 lbs of Refrigerant or 3.3 qts to 2 gals of Lubricant	

Chemicals

Coil Cleaners

Evap Foam® Coil Cleaner



- *High performance detergent with special surfactants and alkaline cleaners, foaming*
- *"No rinse required" condenser coil cleaner*
- *Spray right side up or upside down*
- *For cooling or evaporator coils*

Part #	Mfg #	Description	Price
139433	4171-75	18 oz Aerosol	

Nu-Brite® Coil Cleaner

- *Foaming coil cleaner*
- *Brightens as it cleans*
- *Safer than acids*
- *Biodegradable, USDA approved*



4291-18



4291-08

Part #	Mfg #	Description	Price
139431	4291-18	18 oz Aerosol	
139434	4291-08	1 gal	

Nu-Blast® Coil Cleaner

- *"No rinse required" condenser coil cleaner*
- *High pressure blast plus solvent cleaning*



Part #	Mfg #	Description	Price
139432	4290-75	18 oz Aerosol	

Rx11-Flush®

- *Ozone-safe solvent for flushing refrigeration and air conditioning systems/line sets*
- *Rinses away particulate, sludge, carbon residues, acids, oils and water*



4300-09



4300-11



4300-50



4300-89

Part #	Mfg #	Description	Price
114154	4300-09	1 lb Canister	
114155	4300-11	2 lb Canister	
114158	4300-50	Flushing Tool	
139863	4300-89	Injection Valve	

Rx-Acid Scavenger®

- *Neutralizes or "scavenges" acid in refrigeration, air conditioning systems*
- *Use after burnouts or normal maintenance*
- *Normal dosage is 2 fl oz/gallon of system oil*



Part #	Mfg #	Description	Price
140754	4301-02	2 oz Liquid, Boxed	

PROTECH

Cleaners

Evaporator Coil Cleaner



Part #	Mfg #	Description	Price
092115	85-C02	Aerosol Evaporator Coil Cleaner	

Chemicals

Enviro-Coil Cleaner

- *Cleans evaporator and condenser coils*
- *No foaming action, only attacks dirt buildup*
- *Environmentally safe*
- *No rinsing required on evaporator coils*
- *(4) Containers per case*
- *USDA Accepted*



Hydro Balance

Part #	Mfg #	Description	Price
141525	85-H-EC01	1 gal Enviro-Coil Cleaner	

Pro-Treat® 152 King-Size Premium Condensate Drain Pan Treatment

- *Economical, safe, effective king-size tablets last three times longer*
- *Safe, non-corrosive, odor-free and 100% soluble*
- *Computer room approved*
- *Keeps drain pans and condensate lines clean and free flowing*
- *Dosage: 1 tablet per 3 tons per 3 months*



DIVERSITECH

Part #	Mfg #	Description	Price
149945	853002	(12) Tablets per Jar	

Leak Freeze

A/C Leak Freeze

- *Permanently seals leaks in air conditioning and refrigeration systems*
- *Does not contain polymers*
- *Not activated by moisture or oxygen*
- *Non-clogging to A/C compressor and recovery unit*



Part #	Mfg #	Description	Price
149068	00284	1.5 oz Cartridge, Clamshell w/Adapter	

RUUD

Coil Cleaners

Self-Rinsing Evaporator Coil Cleaner

- *No foaming action – only attacks dirt build-up, not metal*
- *Rinsing not required – normal condensation will carry away dirt and contamination*
- *May irritate eyes and skin – excessive contact should be avoided*
- *USDA Accepted*



Part #	Mfg #	Size	Color	Price
041217	85-401	1 gal	Green	

Heavy Foaming Acid Condenser Coil Cleaner & Brightener

- *Expanding foam action*
- *Best for brightening – makes condenser coils look new*
- *Must be thoroughly rinsed with water*
- *Contains hazardous components hydrofluoric acid and phosphoric acid*
- *Outdoor use only, protective gloves, and eye/face protection required*



Part #	Mfg #	Size	Color	Price
041756	85-501	1 gal	Red	

Heavy Foaming Alkaline Condenser Coil Cleaner & Brightener

- *Expanding foam action*
- *Alkaline formulation is excellent on greasy coils*
- *Must be thoroughly rinsed with water*
- *Contains hazardous component potassium hydroxide*
- *Good ventilation, protective gloves, and eye protection required*
- *USDA Accepted*



Part #	Mfg #	Size	Color	Price
041334	85-1101	1 gal	Orange	

Refrigerant Recovery

Pro-Flush HVAC Flushing Solvent

- *HVAC/R Flushing solvent for R-410A retrofits, refrigerant conversions and retrofits*
- *Low toxicity*
- *Non-flammable*
- *Residue-free*



Part #	Mfg #	Description	Price
134797	PF-16	16 oz Refill	
134796	PF KIT	Power Flush Kit	

Parker

ParFlush Kits

ParFlush Kit for System Conversion & Clean-Up

- *Developed for refrigerant systems up to eight tons*
- *Ideal for R-410A conversions or system clean-up of air conditioning, heat pump or refrigeration systems with 3/8" OK liquid line sets*
- *Non-toxic and non-flammable*



Part #	Mfg #	Description	Price
139317	PFKIT1	1 lb Kit	

Nu-Calgon

Refrigerant Leak Sealant

A/C EasySeal

- *Prevents refrigerant leaks and seals existing leaks in air conditioning and refrigeration systems*
- *Eliminates expensive leak search and repair*
- *Travels with refrigerant to find leaks fast*



Part #	Mfg #	Description	Price
133636	4050-06	3 oz Pressurized Can	

Geothermal Heat Pumps

- *Rugged multi-position powder coated steel cabinet constructions with stainless steel accent panels*
- *All panels removable for easy service*
- *Bi-directional expansion valve*
- *Flow switch protected*

Cold Climate VC Series Vertical Water-to-Air Heat Pumps

- *Active display front panel with safety lockout*
- *Smart desuperheater with 3rd stage heat disable*
- *100% front access*
- *High and low access ports*
- *TruBalance™ technology*
- *High efficiency Copland UltraTech® 2-stage scroll compressor*
- *ECM blower motor*
- *Desuperheater with internal pump*
- *10/10/10/5 Limited residential warranty with free lifetime warranty upgrade option*



Part #	Mfg #	Cooling Capacity	Cooling Cap BTUH*	Heating Cap BTUH*	Electrical	Hot Water Configuration	Price
172574	HVC036A11LT1CSS	3.0 Ton	34,700	37,200	208-230/60/1	Desuperheater	
172575	HVC048A11LT1CSS	4.0 Ton	46,800	43,300	208-230/60/1	Desuperheater	
172576	HVC060A11LT1CSS	5.0 Ton	51,100	52,500	208-230/60/1	Desuperheater	

Compact Vertical Single or Two-Stage Water-to-Air Heat Pump

- *Single or two-stage scroll compressor*
- *All-aluminum microchannel air coil*
- *Sound and vibration absorbing compressor isolation pads*
- *Digital controls with enhanced unit protection*
- *Standard desuperheater (hot water generator)*
- *Standard PSC or optional ECM blower motor*
- *UL GREENGUARD certified foam cabinet insulation*
- *Heavy gauge steel cabinet with attractive painted finish*
- *Foam enclosed, enhance surface coaxial heat exchanger*
- *Meets ENERGY STAR requirments*
- *Hydron Module residential warranty coverage*



Single Stage

Part #	Mfg #	Description					Price
173280	HVS018A11LT1CSS	1.5T	23,100	19,700	208-230/60/1	Desuperheater	
173281	HVS024A11LT1CSS	1.0T	28,100	24,200	208-230/60/1	Desuperheater	

Two-Stage

Part #	Mfg #	Description					Price
173398	HVT036A11LT1CSS	3.0T	40,000	36,900	208-230/60/1	Desuperheater	

Hydron Module

Evolution® HYT Series Multi-Position Geothermal Heat Pump

- *Elastomeric compressor vibration absorption pads and high density close cell foam insulation make this one of the quietest units on the market*
- *Copeland's UltraTech® compressor*
- *The desuperheater captures waste heat during operation and transfers it into the domestic hot water supply, providing free hot water and enhancing the operation of the unit*
- *All-aluminum microchannel air coil*
- *Foamed coaxial heat exchanger*
- *Variable speed blower*



Part #	Mfg #	Cooling Capacity	Cooling Cap BTUH*	Heating Cap BTUH*	Electrical	Hot Water Configuration	Price
172571	HYT036A11MT1CSS	3.0 Ton	41,200	29,100	208/230-1-60	Desuperheater	
172572	HYT048A11MT1CSS	4.0 Ton	53,300	39,900	208/230-1-60	Desuperheater	
177574	HYT072A11MT1CSS	6.0 Ton	71,900	56,200	208/230-1-60	Desuperheater	

HC Series Water to Air R-22 Single Speed Geothermal Heat Pump

- *Standard R-22 refrigerant*
- *Single-stage closed loop system*
- *Upflow and downflow*
- *Right or left return*
- *Multi-speed, direct drive fan*

Part #	Mfg #	Cooling Capacity	Cooling Cap BTUH*	Heating Cap BTUH*	Electrical	Heat	Price
097757	HC24SWA1-0TL011	2.0 Ton	25,800	21,300	208/230-1-60	10kW	

Revolution® HCT Series Water-to-Air Geothermal Combination Heat Pump

- *Provides forced air heating and cooling in addition to hydronic heat for radiant floors*
- *All aluminum micro-channel air coil*
- *Composite, silver-ion anti-microbial drain pan*
- *Copeland UltraTech, 2-stage scroll compressor*
- *Digital controls*
- *ECM Blower motor*
- *Condensate overflow sensor*



Part #	Mfg #	Cooling Capacity	Cooling Cap BTUH*	Heating Cap BTUH*	Electrical	Hot Water Configuration	Price
141482	HCT036A11MM1CSS	3.0 Ton	38,600	28,600	208/230-1-60	Desuperheater	
141483	HCT048A11MM1CSS	4.0 Ton	49,000	38,000	208/230-1-60	Desuperheater	
141484	HCT060A11MM1CSS	5.0 Ton	61,300	46,500	208/230-1-60	Desuperheater	
141485	HCT072A11MM1CSS	6 Ton	70,500	55,900	208/230-1-60	Desuperheater	

Hydron Module

Revolution® HST Series Geothermal Heat Pump

- *2-Stage indoor split system*
- *Non-ozone depleting R-410A refrigerant*
- *ETL Certified to UL & CSA standards*
- *10-Year limited residential warranty*



Part #	Mfg #	Cooling Capacity	Cooling Cap BTUH*	Heating Cap BTUH*	Electrical	Hot Water Configuration	Price
145206	HST024A11AAACSS	2.0 Ton	24,900	18,600	208/230-1-60	Desuperheater	
145207	HST036A11AAACSS	3.0 Ton	38,000	28,400	208/230-1-60	Desuperheater	
145208	HST048A11AAACSS	4.0 Ton	48,600	35,900	208/230-1-60	Desuperheater	

***Capacity values are for full load operation**

Revolution® HWT Series Geothermal Heat Pump

- *2-Stage water-to-water*
- *Fault retry to eliminate nuisance service calls*
- *ETL Certified to UL & CSA standards*
- *10-Year limited residential warranty*



Part #	Mfg #	Cooling Capacity	Cooling Cap BTUH*	Heating Cap BTUH*	Electrical	Hot Water Configuration	Price
131995	HWT026A11AAACSS	2.0 Ton	23,100	23,700	208/230-1-60	Desuperheater	
143888	HWT036B11AAACSS	3.0 Ton	39,100	36,100	208/230-1-60	Desuperheater	
143889	HWT048B11AAACSS	4.0 Ton	49,400	44,100	208/230-1-60	Desuperheater	
165116	HWT060C11AAANSS	5.0 Ton	57,800	53,200	208/230-1-60	Desuperheater	
132000	HWT092A11AAACSS	8.0 Ton	96,600	90,000	208/230-1-60	Desuperheater	

***Capacity values are for full load operation**

Revolution® HWS Series Geothermal Heat Pump

- *Copeland scroll compressor*
- *Front, top & rear access*
- *Electronoic controls with safety lock out*
- *Thermostatic expansion valve*
- *High and low access ports*
- *Desuperheater with internal heat pump*



Part #	Mfg #	Description					Price
177021	HWS036B11AAACSS	3.0 Ton	34,700	26,600	208/230-1-60	Desuperheater	
177019	HWS060B11AAACSS	5.0 Ton	62,700	53,000	208/230-1-60	Desuperheater	
177020	HWS072B11AAACSS	6.0 Ton	73,300	63,100	208/230-1-60	Desuperheater	
177018	HWS084B11AAACSS	7.0 Ton	83,600	74,200	208/230-1-60	Desuperheater	

Hydron Module

Revolution® HXT Series Geothermal Heat Pump

- *2-Stage multi-position vertical unit for ground loop or ground water applications*
- *Non-ozone depleting R-410A refrigerant*
- *Coated air coils for extended life*
- *ECM Blower motor*
- *Corrosion-proof stainless steel drain pan*
- *ETL Certified to UL & CSA standards*
- *AHRI Certified to ISO standards*
- *10-Year limited residential warranty*



Part #	Mfg #	Cooling Capacity	Cooling Cap BTUH*	Heating Cap BTUH*	Electrical	Hot Water Configuration	Price
140130	HXT024C11MM1CSS	2.0 Ton	27,200	19,800	208/230-1-60	Desuperheater	
134261	HXT036C11MM1CSS	3.0 Ton	38,900	29,200	208/230-1-60	Desuperheater	
129301	HXT048C11MM1CSS	4.0 Ton	49,000	38,200	208/230-1-60	Desuperheater	
129302	HXT060B11MM1CSS	5.0 Ton	63,000	47,700	208/230-1-60	Desuperheater	
129303	HXT072B11MM1CSS	6.0 Ton	71,100	55,900	208/230-1-60	Desuperheater	

***Capacity values are for full load operation**

Air Handlers

MP Series Hydronic Air Handler

- *Multi-position air patterns*
- *Variable speed fan motor with multiple speed taps*
- *Single coil for both chilled water and hot water*
- *Optimized for use with Hydron Module water-to-water heat pumps*
- *Corrosion-proof plastic drain pan with primary and secondary drain connections*
- *Copper sweat water connections*
- *Narrow width for small closet installations*
- *Slide-out blower assembly*
- *Electrical: 208/230-1-60*
- *10-Year parts warranty*
- *10-Year labor allowance*



Part #	Mfg #	Size	Dimensions H x W x D	Price
132004	MPH048A1MM1SH	4.0 Ton	58.75" x 25" x 22"	
132005	MPH060A1MM1SH	5.0 Ton	58.75" x 25" x 22"	

A-Coils

AC Series DX A-Coil

- *Uncased design for maximum flexibility*
- *Corrosion-proof plastic drain pan with primary and secondary drain connections*
- *Sweat refrigerant line set connections*
- *10-Year refrigerant circuit warranty*
- *10-Year labor allowance*



Part #	Mfg #	Size	Line Sets Liq, Suct	Dimensions H x W x D	Price
132020	ACD024ASH	2.0 Ton	3/8", 3/4"	18-1/2" x 16-5/8" x 19"	
132021	ACD036ASH	3.0 Ton	3/8", 7/8"	20" x 19-3/4" x 19"	
132022	ACD048ASH	4.0 Ton	3/8", 7/8"	20" x 23-3/4" x 19"	
132023	ACD060ASH	5.0 Ton	3/8", 7/8"	24" x 23" x 21-3/4"	

Geothermal Accessories

Hydron Geothermal Unit Filters

Part #	Mfg #	Size	Price
149446	ZLPSP23.75x29.75x1EXACT	23.75" x 29.75" x 1"	
149387	ZLPSP27.75x29.75x1EXACT	27.75" x 29.75" x 1"	
149447	ZLPSP27.75x31.75x1EXACT	27.75" x 31.75" x 1"	
149386	ZLPSP27.75x33.75x1EXACT	27.75" x 33.75" x 1"	
149448	ZLPSP27.75x35.75x1EXACT	27.75" x 35.75" x 1"	

Hose Kits

Hose Kit: AGHK5C

- *10' 1" Rubber hose*
- *Hose clamps*
- *(2) 1/4" P/T fittings*
- *(2) Double o-ring elbow w/ P/T ports x 1" hose barb*
- *(2) Double o-ring x 1" hose barb fittins*
- *(2) Foam elbows*

Part #	Mfg #	Description	Price
176442	AGHK5C	1" Hose Kit Double O-Ring	

Hose Kit: AGHK5D

- *10' 1" Rubber hose*
- *Hose clamps*
- *(2) 1/4" P/T fittings*
- *(2) Double o-ring elbow w/ P/T ports x 1" hose barb*
- *(2) AGBA55 1" MPT x 1" barb fittings*
- *(2) Foam elbows*

Part #	Mfg #	Description	Price
176441	AGHK5D	1" Hose Kit Double O-Ring	

Filters

Washable Filter

Part #	Mfg #	Description	Price
100790	54AF3628	36" x 28" Hydron 2000 Washable F/H042,048,050,060,072,048E,060E,072E	

Electrostatic Filter

Part #	Mfg #	Description	Price
135852	AEF2830A	Aef2830 28" x 30"-1" Electrostatic Filter	
130942	AEF2834A	28" x 34"-1" Electrostatic Filter	

Geothermal Accessories

Pressurized Flow Center

- *Foam insulated cabinet stops condensation*
- *High impact polystyrene cabinet will not rust*
- *Fully assembled and leak tested*

Part #	Mfg #	Description	Price
136101	AGFC1D	1-Pump w/Up26-99f	
136102	AGFC2D	2-Pump w/Up26-99f	

Auxiliary Heaters

- *Single-piece design - no separately mounted control box*
- *Low voltage harness for direct connection to relay board*
- *Automatic high limit and auxiliary limit switches for over temperature protection*
- *Factory provided internal unit plenum allows easy installation*
- *Internal circuit breakers*

Internal Auxiliary Heater for Use with Revolution HX Series Units

Part #	Mfg #	Description	Compatible with:	Price
130898	AHTR101B	10kW Internal Plenum Heater	1.5 - 6.0 Ton Vertical Units	
130899	AHTR151B	15kW Internal Plenum Heater	3.0 - 6.0 Ton Vertical Units	
130900	AHTR201B	20kW Internal Plenum Heater	3.5 - 6.0 Ton Vertical Units	

Internal Auxiliary Heater for Use with H Series Units

Part #	Mfg #	Description	Compatible with:	Price
111899	AHTR101A	10kW Internal Plenum Heater	1.5 - 6.0 Ton Vertical Units	
111900	AHTR151A	15kW Internal Plenum Heater	3.0 - 6.0 Ton Vertical Units	
111901	AHTR201A	20kW Internal Plenum Heater	3.5 - 6.0 Ton Vertical Units	

Internal Auxillary Heater for Use with Evolution Series

Part #	Mfg #	Description	Compatible with:	Price
177581	AHTR051D	5kW Internal Plenum Heater		
177582	AHTR101D	10kW Internal Plenum Heater	1.5 - 6.0 Ton Vertical Units	
177583	AHTR151D	15kW Internal Plenum Heater	3.0 - 6.0 Ton Vertical Units	
177584	AHTR201D	20kW Internal Plenum Heater	3.5 - 6.0 Ton Vertical Units	

Storage Tanks

Part #	Mfg #	Description	Price
097519	52ST50	RST50 50 gal (was 52ST50)	
106989	52ST80	80 gal	
097518	RST30	30 gal	

Geothermal Accessories

Heat Pump Components

Part #	Mfg #	Description	Price
142067	AGHK5A	1" Hose Kit w/Dbl O-Ring	
134262	AXDNFL01A	Downflow Kit	
148259	AP3036F	30" x 36" x 2" Poly Foam Pad	
133801	11430007001	7 Amp Breaker	

Pump Module

Part #	Mfg #	Description	Price
103198	50PK01I	ABFC1A Hydron 1 Pmp Pump Module	
103199	50PK02I	ABFC2A Hydron 2 Pmp Pump Module	

Geothermal Accessories

Grundfos Pumps

- *1/6 hp Recirculator pump with cast iron pump housing*
- *Built-in motor protection*
- *Stainless steel construction*



Part #	Mfg #	Description	Price
126539	G2-2699	230V	
139024	G2-116F	230V	

Geothermal Flow Systems

QT Fully Enclosed Non-Pressurized Flow Center

- *Removable lid for fast installation easy to fill, check flow rates and add antifreeze*
- *Air separation chamber continually performs purging function*
- *Foam insulation eliminates condensation*
- *Long life check valve*
- *Hanging handles for ease of handling and installation*
- *34"H x 14-3/4"W x 7-1/2"D*
- *1" Swivel (FPT) inlet/outlet*
- *230/60/1, White cabinet*
- *Suffix:*
  - *M = Grundfos 26-116 pump*
  - *None = without pump*
- *5-Year warranty*



Part #	Mfg #	Description	Price
104061	1-230QFC	(1) 1/6 hp Pump, 230V	
130846	1-230QFC-M	(1) 1/6 hp Pump, 230V	
104062	2-230QFC	(2) 1/6 hp Pumps, 230V	
130845	2-230QFC-M	(2) 1/6 hp Pumps, 230V, 26-116 Pump	

EA Non-Pressurized Flow Center

- *Constructed of stainless steel*
- *Install (2) heat pumps and connect to the loop field*
- *Special (2) circuit flow center designed for 6 to 10 ton split coils or total 28 gpm with 2 pumps on each each circuit for one common loop field*
- *Outlet: 1-1/4" FPT*
- *Inlet: 1-1/4" MPT*
- *Field assembly required*



Part #	Mfg #	Description		Price
100570	2-1E-A-KFC-SS	(3) 1/6 hp Pumps, 22* gpm. 3.21A/230V	26-99	
101424	2-2E-A-KFC-SS.116	(4) 1/6 hp Pumps, 28* gpm. 4.28A/230V	26-99	

***Standard: IPT on Inlet Connection. Union can be special ordered. *For Max Flow Use Grundfos 116F-1.8 AMPS per pump. EXTRA for 116F Pumps EA**

Flow Center Accessories

WF-400N Series In-Line Flowmeter

- *Acrylic rod stock polished to clear-as-glass finish*
- *Easy to read scales screen printed on meter body*
- *Adapters reinforced with aluminum stress rings for added strength*
- *Viton o-ring seals*



Part #	Mfg #	Description	Price
115304	F-41017LN-16	1.0 to 17 gpm, 1" FPT	

GT Flowmeter Tool

- *Provides direct reading of system flow rate*



Part #	Mfg #	Description	Price
055519	1-WFT17-A	17 gal with Case	

Geothermal Accessories

Hose Kit - Complete Installation

- *Includes:*
  - *(2) PEVT666S*
  - *(2) SPE66*
  - *(2) RGSE10025*
  - *(2) RBHE1000*
  - *(12) WS13053*
  - *(2) N76-02*
  - *(1) BRC1PE6*
  - *12' WH01-200*



Part #	Mfg #	Description	Price
131431	FC-CHK-KIT1-125	Complete Installation Hose Kit	

Hose Kit

- *Closed loop*



Part #	Mfg #	Size	Price
106902	HK-3/4-1-12	3/4" x 1" x 12'	
097338	HK-1-12	1" x 12'	
098755	HK-1-114-10	1" x 1-1/4" x 10'	
099080	HK-1-114-12	1" x 1-1/4" x 12'	

Hose

Part #	Mfg #	Description	Price
122365	WH01-200	1" x 50' 200 psi Rubber Hose Only	
122366	WH0125-150	1-1/4" x 50' 150 psi Rubber Hose Only	

Parts

Adapter

- *For polyethylene*



Part #	Mfg #	Description	Price
098752	MSA45	3/4" MPT x 1" Swivel Nut	
098751	MSA55	1" MPT x 1" Swivel Nut	

Brass Barb Fitting

Part #	Mfg #	Description	Price
098750	RGSE-10725	3/4" MIP x 1" Barb Elbow with PT Port	

Parts (Continued)

Brass Barb Fitting

Part #	Mfg #	Description	Price
098749	RGSE-10025	1" MIP x 1" Barb Elbow with PT Port	
095402	BRC1PE6	1" Brass Barb x 1-1/4" Fusion Coupling	

Radon Sewage Basins

Economy Basin - 18" x 22"

- *Constructed of durable, corrosion-resistant polyethylene resin*
- *Rotationally molded*
- *Designed for new construction or retrofit applications*
- *22 Gallon capacity*



Part #	Mfg #	Description	Price
020292	B22001-UD	Basin with 4" Inlet Grommet	

Radon Economy Basin - 18" x 22"

- *Constructed of durable, corrosion-resistant polyethylene resin*
- *Includes: gas-tight Ringer grommets*
- *22 Gallon capacity*



Part #	Mfg #	Description	Price
013695	B22SSR	Basin with Radon Gas-Tight Simplex Steel Cover	

Radon Sump Pump Basins

Corrugated Pit and Radon Lid

- *Includes:*
  - *(1) 18" x 24" Pit*
  - *(1) 18" Radon pit lid (SLR1)*

Part #	Mfg #	Description	Price
133074	COMBO RADON	Radon Pit & Lid	

Accessories

GOLDLINE® Radon Safety Locking Lid

- *For radon abatement systems*
- *Child-proof, rugged self-locking lid is drilled for gasketed piping and venting*
- *Includes gaskets*

Part #	Mfg #	Description	Price
133071	SLR1	Radon Safety Locking Lid	

Sumps - Pits & Septic Tanks

Fans for Radon Applications



- *4-1/2" Pipe diameter, 115V*
- *Improved UV-resistant housings approved for commercial applications*
- *Sealed housings and wiring boxes to prevent Radon leakage or water penetration*
- *Energy efficient permanent split capacitor motors*
- *External wiring box*
- *UL Approved for wet locations (outdoors)*
- *Full 5-year factory warranty*

HP Series Radon Fans

Part #	Mfg #	Wattage Range	Max Amps	CFM @ 0.75"	Price
113123	HP2133	14 - 20W	0.17A	19	
113124	HP2190	60 - 85W	0.78A	104	

Throwaway Filters

Z-Line Pleated Series Filters

- *Ideal in high velocity systems where maximum square footage of media is necessary*
- *Features 100% synthetic fibers laminated to galvanized metal backing*
- *Designed to be utilized as either pre-filters or primary filters in virtually every commercial, industrial, and residential HVAC application*

1" ZL Z-Line Series Pleated Filter

- *MERV 7*
- *100% Synthetic, charged media*



Part #	Mfg #	Size	Price
102089	ZLP10201	10" x 20" x 1"	
102091	ZLP12201	12" x 20" x 1"	
102092	ZLP12241	12" x 24" x 1"	
102094	ZLP14201	14" x 20" x 1"	
042535	ZLP14251	14" x 25" x 1"	
112438	ZLP14301	14" x 30" x 1"	
102095	ZLP15201	15" x 20" x 1"	
035858	ZLP16201	16" x 20" x 1"	
102093	ZLPSP1E	16" x 22" x 1"	
036832	ZLP16251	16" x 25" x 1"	
110862	ZLP18181	18" x 18" x 1"	
070781	ZLP18201	18" x 20" x 1"	
109164	ZLP18241	18" x 24" x 1"	
038324	ZLP20201	20" x 20" x 1"	
102099	ZLP20241	20" x 24" x 1"	
038325	ZLP20251	20" x 25" x 1"	
115791	ZLPSP22D29H1	22.25" x 29.5" x 1"	
102096	ZLP24241	24" x 24" x 1"	
053645	ZLP25251	25" x 25" x 1"	
115787	ZLPSP27M31M1	27-3/4" x 31-3/4" x 1"	
115788	ZLPSP27M35M1	27-3/4" x 35-3/4" x 1"	
131831	ZLPSP1K28341	28" x 34" x 1"	
115793	ZLPSP28D30H1	28.25" x 30.5" x 1"	
121768	ZLP30361	30" x 36" x 1"	
115794	ZLPSP30B32H1	30.125" x 32.5" x 1"	

2" ZL Z-Line Series Pleated Filter

- *MERV 7*
- *100% Synthetic, charged media*



Part #	Mfg #	Size	Price
031788	ZLP16202	16" x 20" x 2"	
027336	ZLP16252	16" x 25" x 2"	
047466	ZLP18182	18" x 18" x 2"	
030585	ZLP20202	20" x 20" x 2"	
034676	ZLP20252	20" x 25" x 2"	
094283	ZLP24242	24" x 24" x 2"	
040794	ZLP25252	25" x 25" x 2"	

4" ZL Z-Line Series Pleated Filter

- *MERV 7*
- *100% Synthetic, charged media*



Part #	Mfg #	Size	Price
083372	ZLP16204	16" x 20" x 4"	
063647	ZLP16254	16" x 25" x 4"	
071312	ZLP20204	20" x 20" x 4"	
023474	ZLP20254	20" x 25" x 4"	
050395	ZLP24244	24" x 24" x 4"	

Z-Line Series Media Replacement Filters

Z-Line Series 500AB and 300AB Air Cleaner Media

- *Replacement options for Trion Air Bear® and Air Cub® filters*
- *100% Synthetic, charged media*



Part #	Mfg #	Size	Price
102417	ABP20255	20" x 25" x 5"	

Throwaway Filters

Filter Pads & Bulk Media

- *UL Class 2*

FSR Fiberglass Service Roll



Part #	Mfg #	Size	Price
004334	FSR30201	30" x 20' x 1"	
004336	FSR36201	36" x 20' x 1"	

Dynamic Air Cleaners

Carbon Media Filters



- *MERV 13*
- *Activated carbon core*
- *Rated life cycle: 30 - 90 days*

Replacement Carbon Media Filter Pad

Part #	Mfg #	Size	Qty	Price
109748	C3P2832	28" x 32"	3/Pk	
099419	C3P2836	28" x 36"	3/Pk	

RUUD

Disposable Media Filters

Filter Media

Part #	Mfg #	Description	Price
045070	54-25051-02	Filter Media 3"	

Media Air Filter

Part #	Mfg #	Description	Price
131298	540013	4-1/2" 2,000 CFM	

PROTECH

Air Filters

Media Air Filters



Part #	Mfg #	Description	Price
062226	54-14X25-R	14" x 25", 3/Pk	
042240	54-16X20-R	16" x 20", 3/Pk	
042241	54-16X25-R	16" x 25", 3/Pk	
048021	54-2020-R	20" x 20", 3/Pk	
042242	54-20X25-R	20" x 25", 3/Pk	

Throwaway Filters

Residential Media Air Cleaners

Pop-Up Replacement Media Air Filter



- *Stores flat and pops into shape for installation*
- *Store (5) pop-up filters in the space of (1) standard replacement cartridge*
- *Additional 1" of filtration depth compared to standard replacement cartridges*
- *No combs, pleat spacers or end caps*

Part #	Mfg #	Size	Efficiency	Used With	Price
101237	POPUP2200	20-1/4" x 24-1/4" x 5-7/8"	MERV 11	Space-Gard® 2200	
103142	POPUP2400	26" x 27-1/8" x 5-7/8"	MERV 11	Space-Gard® 2400, Lennox PMAC12	

Residential Air Cleaner Replacement High Efficiency Media Filter



Part #	Mfg #	Size	Efficiency	Used With	Price
052258	FC100A1029	16" x 25"	MERV 10	F100, F200	
052773	FC100A1037	20" x 25"	MERV 10	F100, F200, SpaceGard 2200	

GENERALAire

High Efficiency Media Air Cleaners

Replacement Filter Media



Part #	Mfg #	Description	Price
019291	12880	MERV 11 Replacement Media for Aprilaire 2200/2250	

Honeywell

Sail Switches

S688 Sail Switch



- *Used in forced air systems to activate electronic air cleaners, humidifiers or other auxiliary equipment in response to air flow from system fan*
- *Polyester film sail mounted on a micro switch snap switch*
- *SPDT Switching*
- *Top and bottom conduit knockouts for wiring convenience*
- *Low air velocity switch operation makes at 250 fpm and breaks at 75 fpm*

Part #	Mfg #	Description	Price
006785	S688A1007	5" Wide Sail, 26.2 sq in of Area, 10" Insertion Length	

Air Cleaners

Air Cleaners

Ruud Media Air Cleaner



- *Fits a wide variety of equipment*
- *Platinum metallic paint*
- *Rugged cabinet construction*

Part #	Mfg #	Description	Price
086516	84-25050-01	O/A Dimension: 20-1/4"H x 24-7/8"D x 7-1/8"W MERV8 2000 cfm	
035230	84-25050-03	O/A Dimension: 23-1/2"H x 25-5/8"D x 15-1/2"W, Right Angle	
088498	84-25050-06	O/A Dimension: 16-1/4"H x 24-7/8"D x 7-1/8"W MERV8 1400 cfm	

IAQ Chemicals

ClenAir Gel Tub

- *Place open tub in HVAC ductwork or in room near source of odor*
- *Available in regular or cherry*

Part #	Mfg #	Description	Price
041980	851500	1/2 lb Clenair Gel Tubs	
042554	851501	1 lb Clenair Gel Tubs	
042555	85-1503	Clenair Gel Tubs 31B	

RUUD

Air Cleaners

Media Air Filter

Part #	Mfg #	Description	Price
042237	84-16X20-1	16" x 20" x 1", Polarized	
042238	84-16X25-1	16" x 25" x 1", Polarized	
045033	84-20X20-1	20" x 20" x 1", Polarized	
042239	84-20X25-1	20" x 25" x 1", Polarized	
109749	84-28X32-1	28" x 32" x 1"	
099418	84-28X36-1	28" x 36" x 1"	

Filter Base - ACG Series



- *Uses standard filter sizes*
- *Gasketed door*
- *Fully insulated*
- *Upflow with hinged door*

Part #	Mfg #	Outside Dim (W x L x H)	Price
077769	54-1625-G6	17-3/8" x 28-1/2" x 5-3/4"	

Air-to-Air Heat Exchangers

Heat Recovery Ventilators

MAX Series Residential HRV

- *5-Speed electronics*
- *Lifestyle MAX digital control included*
- *Compact electrically powered*
- *Aluminum heat exchange core*
- *Built-in dehumidistat*
- *Easy installation*
- *Increases air exchange rate when humidity rises*
- *Easy clean filters*
- *Quiet and reliable five speed motor*
- *5-Year warranty on parts, lifetime on heat exchange core*



95MAX



155MAX



200MAX

Part #	Mfg #	Dimensions H x W x D	Defrost Type	Electrical	CFM @ 0.1" ESP	Ship Wt	Price
033812	95MAX	24-1/2" x 18-1/2" x 16"	Recirculating	120-1-60	76	56 lbs	
027707	155MAX	19" x 33-5/8" x 14-3/4"	Damper	120-1-60	144	73 lbs	
033813	200MAX	19" x 33-5/8" x 14-3/4"	Recirculating	120-1-60	207	73 lbs	

RNC Series Residential HRV

- *2-Speed electronics*
- *Each air stream has one centrifugal blower driven by a common PSC motor*
- *Compact electrically powered*
- *Patented aluminum core*
- *Built-in dehumidistat*
- *Built-in relay for interfacing to furnace*
- *Damper defrost system*
- *Cross-flow heat recovery core transfers heat between two air streams, removable for cleaning*
- *Washable air filters*
- *Suffix: DX = with 99-DX01 digital control*
- *5-Year warranty on parts, lifetime on heat exchange core*



RNC200

Part #	Mfg #	Dimensions H x W x D	Defrost Type	Electrical	CFM @ 0.1" ESP	Ship Wt	Price
137958	RNC155DX	19" x 33-5/8" x 14-3/4"	Recirculating	120-1-60	144	67 lbs	
137959	RNC200DX	19" x 33-5/8" x 14-3/4"	Recirculating	120-1-60	207	67 lbs	

Air-to-Air Heat Exchangers

Turbulent Flow Precipitators Whole House Air Cleaner

- *Removes close to 99.4% of coarser particles such as pollen, fungus spores, dust, animal dander and dirt*
- *Removes close to 90% of tobacco smoke and wood smoke particles and some bacteria*
- *Filters down to 1/10 of a micron*
- *Motor: 2-speed, high efficiency PSC motor*
- *Filters: (1) replaceable TFP collector and (1) replaceable HEPA filter*



Turbulent Flow Precipitators Parts

Part #	Mfg #	Description	Price
118135	65-502R	(1) Replacement HEPA Filter	
080808	65-503R	(1) Replacement TFP Collector	

Indoor Pool and Spa Heat Recover Ventilators

- *Controls humidity in wet areas such as pools, spas, whirlpools, saunas, and personal gyms*



Part #	Mfg #	Description	Price
077178	700 DD POOL	(2) Air Stream Sections: Each w/PSC, 3-Speed, Sngl Shaft, 120VAC, 4.5A, 1/4 hp, 1450 rpm Motor	

Optional Remote Controls

Digital Electronic Timers

- *Can be mounted up to 60' from HRV*
- *Can override the base module and activate high speed operation*
- *Easy to install and operate*
- *Works well in bathrooms, laundries, and other high moisture areas*
- *Touch pad operation*
- *Childproof lockout feature*
- *20/40/60 Minute status lights*
- *60' (18 m) maximum wire length only, may be wired in parallel if no other controls are used*



Part #	Mfg #	Connects To	Color	Price
039208	99-107W	Cover Plate for 99-104	White	

Timers

Crank Timer

Part #	Mfg #	Description	Color	Price
030653	99-101	Rotate the Dial for up to 60 Minutes of High Speed Operation	White	

Air-to-Air Heat Exchangers

Lifestyle Controls and Timers

Lifestyle MAX Programmable Control



- *Fully-featured, 5-speed operation*
- *(4) User selectable operational modes (not available on all models)*
- *Built-in interface to furnace*
- *Automatic service reminder*
- *Automatic control based on outdoor temperature sensing*
- *Easy-to-read, backlit LDC screen*
- *Automatic dehumidistat disable*
- *Optional upgrade*

Part #	Mfg #	Description	Color	Price
125853	99-LS01	(4) User Selectable Modes, 5-Speed Operational Control	White	

Lifestyle RNC Digital Control



- *(4) Selectable operational modes (not available on all models)*
- *2-Speed operation on each mode*
- *Adjustable dehumidistat function*
- *Dehumidistat disable*
- *Optional on RNC*

Part #	Mfg #	Description	Color	Price
125854	99-DX01	Adjustable Digital Dehumidistat RNC Control	White	

Lifestyle RNC Dehumidistat



- *Initiates high speed when the indoor humidity level is above the setpoint*
- *Optional on RNC*

Part #	Mfg #	Description	Color	Price
125855	99-DH01	RNC Series Dehumidistat	White	

Lifestyle RNC Ventilation Control



- *2-Speed operation*
- *Standby*
- *Dehumidistat*
- *Optional on RNC*

Part #	Mfg #	Description	Color	Price
125856	99-BC01	RNC Series Ventilation Control	White	

Air-to-Air Heat Exchangers

Lifestyle Control



- *5-Speed, (4) modes of operation*
- *24/7 Programmable ventilation*
- *(4) Programmable events per day (wake, leave, arrive, sleep)*
- *Easy to program*
- *Electronic dehumidistat*
- *Easy to read LCD screen*

Part #	Mfg #	Description	Color	Price
119013	99-350	Programmable Ventilation Control	White	

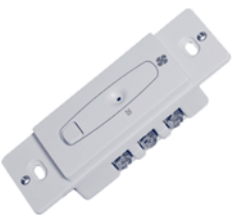
Lifestyle 20/40/60 Minute Timer



- *Initiates high speed operation for 20, 40, or 60 minutes*
- *Compatible with MAX and RNC Series*

Part #	Mfg #	Description	Color	Price
125858	99-DET01	20/40/60 Minute Timer	White	

Lifestyle Timer



- *Available on MAX and RNC Series*

Part #	Mfg #	Description	Color	Price
125859	99-20M01	Initiates High Speed Operation for 20 Minutes	White	

Lifestyle RNC Remote Dehumidistat



- *Detects increasing humidity and controls it by boosting rate of ventilation*
- *For use in kitchen, bathroom, spa or swimming pool or anywhere humidity is a concern*
- *2 Wire low voltage control device*

Part #	Mfg #	Description	Connects To	Color	Price
028792	99-116	Remote Vent Control w/HRV System Switch	Black & Red Terminals	White	

Dampers

Part #	Mfg #	Description	Price
092347	99-RSK6	6" Spring Loaded Damper	

Air-to-Air Heat Exchangers

Weatherhood Kits

- *Ideal for HRV/ERV and in-line applications*
- *High density polyethylene for a durable, long life even in severe climate*
- *No moving parts, eliminates freezing or sticking potential*
- *Includes:*
  - *(2) Hoods*
  - *12" Wall sleeve*
  - *Duct collar*
  - *Insect/animal screens*



Part #	Mfg #	Size	Color	Price
027708	99-186	6" Diameter	White	
028790	99-187	7" Diameter	White	

Dual Vent Hoods

- *Requires only (1) 6" opening for intake/exhaust*
- *Damage-resistant metal construction for exterior wall connection*
- *Durable rigid plastic*
- *Suitable for 5" or 6" connections*
- *Maximized airflow with lower pressure drop*
- *Fire-rated, UV-resistant materials*
- *Ideal for space-constrained HRV or ERV applications*
- *Includes:*
  - *Hood assembly*
  - *Duct splitter*
  - *Duct insulator (2 pieces)*
  - *Retainer screw assembly*
  - *Nylon cable tie*
  - *Screen*



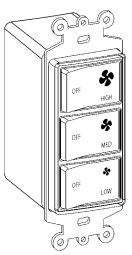
Part #	Mfg #	Description	Color	Price
141190	99-190	Fully Adjustable Thermal Insulation	White	

Accessories

Part #	Mfg #	Description	Price
072015	65-160	Foam Filter	
037748	99-110	HRV/TFP/CAF Interface Relay Kit	
039207	99-201	60' of 20 Gauge 5-Wire for 99-104 Timer	
052100	99-275	Circuit Board & Control Pad - Controlair15	

Optional 3-Speed Control

- *3-Speed high/medium/high*
- *On/off*
- *4-Wire, 20 gauge wire*



Part #	Mfg #	Description	Price
077599	99-500	3-Speed Control	

Humidifiers/Dehumidifiers

Humidifiers

TrueEASE™ Flow-Through Humidifier

- *Up to 30% water savings, up to 50% water savings with fan-powered model*
- *PerfectFLO™ water distribution tray*
- *Common-sense interface*
- *AgION® humidifier pads with anti-microbial coating*
- *User-friendly pad access*
- *Interchangeable bypass*
- *Integrated wiring and quick-connect plumbing*
- *Includes humidifier, saddle valve, water supply line, 10' drain hose, H8908 manual humidity control, hardware,mounting template and owner's manual*



Advanced Bypass



Fan-Powered

Part #	Mfg #	Description	Output	Price
134722	HE100A1000	Bypass Small Basic	12 gpd	
134723	HE150A1005	Bypass Small Advanced	12 gpd	
134724	HE200A1000	Bypass Large Basic	17 gpd	
134725	HE250A1005	Bypass Large Advanced	17 gpd	
134726	HE300A1005	Fan-Powered Advanced	18 gpd	

TrueSTEAM™ Humidifier

- *Mounts directly to the duct or:*
  - *Models HM509 and HM512 remotely up to 20' away*
  - *Model HM506 remotely 5' without insulating the steamdistribution tube or 15' if distribution tube is insulated*
- *Limited duct cutting with bracket-mount design*
- *Dimensions: 19"H x 11-1/4"W x 9"D*
- *1-3/4" Diameter plenum opening*
- *In-line water filter provided*
- *5-Year warranty*



Part #	Mfg #	Capacity	Volts	Includes:	Price
111660	HM506H8908	6 gpd	120VAC	H8908 Humidistat	
111234	HM509H8908	9 gpd	120VAC	H8908 Humidistat	
143538	HM512H8908	12 gpd	120VAC	TrueIAQ Digital IAQ Control	

Humidifier Replacement Pads



HC22A

Part #	Mfg #	Description	Price
030568	HC22A1007	HE220 Pad for HE220, HE225, Aprilaire 110,220,550,558	
034029	HC26A1008	HE260, HE360 Pad for HE260, HE265,HE360, HE365, Aprilaire 350,360,560,568, 600,700,760,768	
146138	HC22E1003	HE225 Pad with AGION™ Coating for HE220, HE225, Aprilaire 110,220,550,558	

Remote Mount Kit

Part #	Mfg #	Description	Price
111236	50024917-001	10' Remote Mount Kit for All TrueSTEAM Humidifiers	

Humidifiers/Dehumidifiers

Humidifiers (Continued)

Remote Mount Kit

Part #	Mfg #	Description	Price
111237	50024917-002	20' Remote Mount Kit for HM512 and HM509R TrueSTEAM Humidifiers	

Humidity Controllers

H1008 Automatic Humidity Controller

- *Provides automatic control for by-pass, flow-through, powered flow-through, steam and drum humidifiers in central heating systems*
- *Patented Honeywell HumidiCalc+™ software*
- *Combination temperature and humidity sensor*
- *Automatically adjusts humidity level based on frost factor set by user*
- *Duct-mounted*
- *System status light indicates normal operation, test mode and fault*



Part #	Mfg #	Description	Price
037361	H1008A1008	Humidifier, 95% RH@95°F (Non-Condensing), Dew Point Control	

H8908 Humidistat/Dehumidistat

- *Provides automatic low voltage control of humidifier and dehumidifiers or ventilators*
- *SPST, snap-acting, dust-proof switch designed for wall or surface duct mounting*
- *Positive on and off settings*
- *12" Moisture sensitive nylon ribbon wound around three bobbins effectively gives optimum control for reliable operation under changing ambient conditions*



H8908ASPST H8908DSPST

Part #	Mfg #	Application	Color	Price
111239	H8908ASPST	Humidification	White	
134079	H8908DSPST	Dehumidification	White	

GENERALAire

Power Humidifiers - Drain Type

1042 Legacy Series - By-Pass Flow-Through Power Humidifier

- *Installs on vertical warm air supply or cold air plenum*
- *6" Diameter side bypass duct (collar supplied)*
- *Plenum opening: 10-1/4"W x 9-1/2"H*
- *Replacement filter: 990-13 evaporator pad*
- *Order 1/4" tubing separately*
- *5-Year limited warranty*



Part #	Mfg #	Description	GPD	Unit Size	Electrical	Price
004860	1042LH	Recirculating Type, MHX3 Humidistat	19.2	11-1/2" x 15" x 9"	115V/60Hz	

Humidifiers/Dehumidifiers

Humidifier Parts & Accessories

Evaporator Pad

Part #	Mfg #	Description	Price
089995	97EP	Autoflo Drum Type Evaporator Pad	
090002	4EP	Autoflo Metal Evaporator Pad	

RUUD

Ruud Humidifier Parts & Accessories

Air Cleaners/Humidifiers & Access

Part #	Mfg #	Description	Price
059586	84-25055-01	Water Panel	

Humidifier Replacement Pad

Part #	Mfg #	Description	Price
044159	84-25055-02	Humidifier Replacement Pads	

Honeywell

Dehumidifiers

TrueDRY DH65 Whole-House Dehumidifier

- *Removes up to 65 pints of water from the indoor air*
- *Built-in humidity control requires no additional wiring to an external control*
- *Choice of external control options also available for centrally ducted control*
- *Feedback on operation and maintenance provided via intuitive on-board LED light interface*
- *MERV 11 Filtration*



Part #	Mfg #	Description	Price
148234	DR65A2000	8" Diameter Plenum Opening w/o Controls Uses R-410A Refrigerant	

Humidifiers/Dehumidifiers

TrueDRY DR90 Whole-House Dehumidifier

- *Removes up to 90 pints of water from the indoor air*
- *Built-in fresh air supply*
- *Uses only 6.7 amps for energy efficiency*
- *MERV 11 Filtration*
- *R-410A compliant*
- *5-Year warranty*
- *Energy Star® rated*



Part #	Mfg #	Description	Price
131281	DR90A2000	10" Plenum Opening with 6" Ventilation Collar, less Control	

UltraVation

Ultraviolet Air Disinfection Systems

UltraMAX™ UMX Remote UV Lamp Series with UltraVation® T3™

- *T3™ is a patented lamp system that maximizes performance, safety and economy*
- *Unique interlock that safely turns off UV before lamp removal*



Part #	Mfg #	Description	Price
112482	UMX-2412-EZ	(1) 12" Enhanced High Output UV Lamp	

UltraMAX™ UME Single Remote UV Lamp Series with UltraVation T3™

- *T3™ is a patented lamp system that maximizes performance, safety and economy*
- *Unique interlock that safely turns off UV before lamp removal*



Part #	Mfg #	Description	Price
125775	UME-1900T	(1) 17" 110V Remote Mount UV Lamp with Odor Control	
125781	UME-1902T	(2) 17" 110V Remote Mount UV Lamp with Odor Control	

UV Replacement Lamps



AS-IH-1001



LPPP-0002



AS-IH-1003

Part #	Mfg #	Description	Fits Model	Price
112052	AS-IH-1001	12" T3 Remote UV-C Lamp		
060697	LPPP-0002	16" "U" Shaped UV Lamp	UME-1036, 2036 UVS-1036, 2036 UVE-1036, 2036	
126917	AS-IH-1003	17" UV, UV-C Lamp	All UltraMax, UVS, UVE Germicidal UV Series, and Phototronic Air Cleaner Models	

UV Air Cleaners

Air Purifiers

P900GX Portable UV Air Purifier

- *Dual zone 19mm UVC/UVV Quartz lamp destroys biological and chemical contaminants*
- *9 Electronically controlled speeds*
- *Touch-pad digital controls with count-down timer*
- *Purifies up to 900 square feet*
- *85 Watts*
- *Weight: 11 lbs*
- *Includes integral stand and handle*
- *Wall mountable*
- *3-Year warranty on parts including UV lamp*

Part #	Mfg #	Description	Price
141942	P900GX	Dual UVC/UVV Air Purifier	

Sanuvox R+ In-Duct UV Air Purification System

- *Whole-home system designed to destroy viruses, bacteria, mold, chemicals, odors, allergens and VOCs*
- *High-intensity UV 'J' lamp (18" arc length), turbulator and reflecting chamber parallel to the airflow*
- *Microprocessor controlled for automatic operation*
- *UV Chamber rotates 360° for up or down-flow systems*
- *Fiber board kit included*
- *3-Year warranty including UV lamp*



Part #	Mfg #	Description	Price
139088	R PLUS +	In-Duct UV Whole-Home Air Purification System	

UV Replacement Bulbs

T6 Dual Zone High Intensity Replacement Lamp

- *UVC/UVV Germicidal/oxidizing*

Part #	Mfg #	Description	Price
141941	LMPHGXJ105	10.5" UV J Lamp for R4000GX, S300HFX	

Thermostat Wire

Genesis Cable

Mini Split Cable



- *For mini-split systems*
- *Sunlight resistant*
- *RoHS Compliant PVC jacket*
- *600V Direct burial*
- *Operating temperature: -4° to 194°F*
- *UL Listed*

Part #	Mfg #	Description	Price
120933	1070-01-08	14 AWG 4/C Solid, 250' Spool	

Jacketed Cables Shielded (Overall Shield) - CL2 Rated



- *For wiring of thermostat controls, heating & air conditioning equipment, doorbells, and other low voltage applications*
- *Sunlight resistant*
- *Copper conductors, polypropylene insulation & polyvinyl-chloride jacket*

Part #	Mfg #	Description	Price
131441	1216-03-09	18 AWG 6/C Stranded OAS, 250'	

Jacketed Cables Overall Shield - CL2P Rated



- *For wiring of burglar alarms, public address systems, intercoms, telephone stations, speakers, instrumentation, control and other low voltage circuits that are power-limited*
- *Sequential footage markings*
- *Twisted copper conductors, low smoke PVC insulation, aluminum/mylar shield, low smoke PVC jacket*

Part #	Mfg #	Description	Price
010365	4710-48-07	18 AWG 2/C Solid, 500' Spool	
010366	4711-48-07	18 AWG 3/C Solid, 500' Spool	
010367	4712-03-07	18 AWG 4/C Solid, 250' Spool	
010368	4713-03-07	18 AWG 5/C Solid, 250' Spool	
029999	4714-03-07	18 AWG 6/C Solid, 250' Spool	
030000	4716-03-07	18 AWG 8/C Solid, 250' Spool	
117899	4718-03-07	18 AWG 10/C Solid, 250' Spool	

Tracer Wire

- *For water pipes, fiber optics, gas pipes, and dog containment systems*
- *Polyethylene insulation*
- *600V Direct burial*
- *UL Listed*

Part #	Mfg #	Description	Price
104923	13045006	12 AWG 1/C Solid, 500' Blue	

Honeywell Thermostats

T87K, T87N Non-Programmable Thermostats - The Round®

- *Mercury free*
- *Provides electronic control of 24VAC heating and cooling systems*
- *Separate temperature setting and thermometer*
- *Classic twist dial*
- *Manual changeover*
- *Battery assisted power stealing*
- *Setting temperature range: 40° to 90°F*
- *Premier White®*



T87K1007



T87N1000



T87N1026

Part #	Mfg #	Application	Terminal Designations	Dimensions	Price
099889	T87K1007	Heat Only	R,W,Y	3-11/16" Dia x 1-3/4"D	
096104	T87N1000	1 Heat/1 Cool Conv & Heat Pump	R,Rc,W,Y,G,O,B	3-11/16" Dia x 1-3/4"D	
099891	T87N1026	1 Heat/1 Cool Conv & Heat Pump*	R,Rc,W,Y,G,O,B	4" Dia x 1-3/4"D	

*** EASY-TO-SEE Model with large raised markings & click at each 2º set point change, includes 6" cover ring & switch position labels**

T822K, T827K Econostat Heat Only Non-Programmable Thermostats

- *Mercury free*
- *24VAC Control of single stage low voltage heating systems*
- *Vented cover for improved temperature sensing*
- *Coiled bi-metal element operates mercury switch*
- *Mounts vertically directly on the wall or on vertical outlet box*
- *Precision snap action switch*
- *Dimensions: 4-3/4"H x 2-7/8"W x 1-3/8"D*
- *Premier White®*



Part #	Mfg #	Application	Switching Action	Setting Temp Range	Terminal Designations	Description	Price
124832	T822K1042	1 Heat	SPST	35° - 85°F	R,W	Heat-Off	

Honeywell Thermostats

T8775 The Digital Round™ Electronic Non-Programmable Thermostats

- *Attractive styling complements any decor*
- *Large easy-to-read display - the temperature reading is easily seen from a distance*
- *Backlit display*
- *No batteries required - the setpoint temperature is held permanently in memory in the event of a power failure.*
- *Powered through heating-cooling system controls*
- *24VAC Gas or oil*
- *System and fan switches on the T8775C model*
- *Manual changeover from heat to cool on T8775C model*
- *Easy installation and set up*
- *Easily configurable by the use of DIP switches*
- *Fahrenheit or Celsius temperature*
- *Selectable heating cycle rates (1, 3, 6, 9 CPH) for a variety of applications*
- *Cooling cycle rate is fixed at 3 CPH (standard compressor setting)*
- *Minimum off-time for the compressor in the cooling mode. Protects and extends the life of the equipment*
- *Decorative cover plate is available to cover marks on the wall or to mount the T8775 Thermostat to an electrical box*
- *Premier White®*



T8775A



T8775C

Part #	Mfg #	Application	Terminal Designations	Notes:	Price
099892	T8775A1009	1-Stage Heat Only, Gas or Oil; 2-Wire	R,Rc,W,Y,G,O,B		
074622	T8775C1005	1 Heat/1 Cool Heat Pump, No Aux Heat	R,Rc,W,Y,G,O,B	Manual Changeover	

VisionPRO® 8000 Universal Touchscreen 7-Day Programmable Thermostats

- *Electronic control of 24VAC, heating and cooling systems or 750mV heating systems*
- *Universal system compatibility, heating only or heating and cooling; conventional or heat pump systems*
- *Large backlight on-screen menu*
- *Ability to select multiple days*
- *Real-time clock*
- *Armchair programming - allows you to remove thermostat from wall to set the schedule*
- *Multiple HOLD, lockout options*
- *Adaptive Intelligent Recovery™*
- *Programmable fan*
- *Auto or manual changeover*
- *Dual-powered, battery or hardwired*
- *Change reminders - reminds you to service or replace the air filter, humidifier pad, ultraviolet lamp or thermostat batteries*
- *Temperature range:*
  - *Heat: 40° to 90°F*
  - *Cool: 50° to 99°F*
- *Horizontal mounting, dimensions: 4-9/16"H x 6"W x 1-1/4"D*
- *Premier White®*
- *5-Year warranty*



Part #	Mfg #	Application	Terminal Designations	Notes:	Price
084584	TH8321U1006	3H/2C Heat Pump, 2H/2C Conv	R,RC,W,(O/B),W2(AUX),Y,Y2,L*,E,G,C,S1,S2	Dehumidity Control	

VisionPRO® 8000 Universal Touchscreen 7-Day Programmable Thermostats (Continued)

Part #	Mfg #	Application	Terminal Designations	Notes:	Price
078073	TH8320U1008	3H/2C Heat Pump, 2H/2C Conv	R,RC,W,(O/B),W2(AUX),Y,Y2,L*,E,G,C,S1,S2		

*** The L terminal is an input or output**

FocusPRO® 6000 5+2 or 5+1+1 Day Programmable Digital Thermostats

- *Selectable to 5-1-1 (weekdays, Saturday, Sunday) or 5-2 (weekdays, weekend) programmable thermostat*
- *Large, clear, backlit display - easy to read in various lighting conditions*
- *Display size options - available in large screen or standard*
- *Precise comfort control (+/- 1°F) - maintains consistent comfort to the highest level of accuracy*
- *Simplified programming and operation*
- *Easy change battery door - flips out without disassembling thermostat*
- *Built in instructions - simple, pull out instruction manual*
- *Adaptive Intelligent Recovery™ - ensures programmed temperature is reached by programmed time*
- *Temperature range stops - prevents user from setting the temperature too high or too low*
- *Temperature range:*
  - *Heat: 40° to 90°F*
  - *Cool: 50° to 99°F*
- *Dimensions: 3-9/16"H x 5-13/16"W x 1-1/2"D*
- *Premier White®*
- *5-Year warranty*



Large Display

Part #	Mfg #	Application	Terminal Designations	Screen	Price
084585	TH6110D1005	1 Heat/1 Cool	Rc,R,W(O/B),C,Y,G	Standard	
086938	TH6110D1021	1 Heat/1 Cool	Rc,R,W(O/B),C,Y,G	Large	
084586	TH6220D1002	2H/2C Conv, 2H/1C Heat Pump	Rc,R,W(O/B),W2(AUX),Y,Y2(E),G,L,C	Standard	
135014	TH6320U1000	2H/2C Conv, 3H/2C Heat Pump	Rc,R,W(O/B),W2(AUX/E),Y,Y2,G,L,C	Large	

Honeywell Thermostats

FocusPRO® 5000 Non-Programmable Digital Thermostats

- *Electronic control of 24VAC, heating and cooling systems or 750mV heating systems*
- *Clear backlight display available with large (2.98 sq in) or standard (1.95 sq in) screen*
- *Precise comfort control +/- 1°F of your set temperature*
- *Temperature control range stops*
- *Soft-key, simplified controls*
- *Easy change battery door - flips out without disassembling thermostat*
- *Automatic/manual selectable changeover*
- *Dual-powered, battery or hardwired*
- *Built-in compressor protection: minimum-off timer protects compressor from restarting too early after a shutdown*
- *Temperature range:*
  - *Heat: 40° to 90°F*
  - *Cool: 50° to 99°F*
- *Dimensions: 3-7/16"H x 4-1/2"W x 1-5/16"D*
- *Premier White®*


Standard Display


Large Display

Part #	Mfg #	Application	Terminal Designations	Screen	Price
079592	TH5110D1006	1 Heat/1 Cool	R,Rc,C,W(O/B),Y,G	Standard	
084587	TH5220D1003	2H/2C Conv, 2H/1C Heat Pump	Rc,R,W(O/B),W2(AUX),Y,Y2,(E),G,L,C	Standard	
098663	TH5220D1029	2H/2C Conv, 2H/1C Heat Pump	R,Rc,W(O/B),W2 (AUX),Y,Y2,(E),G,L,C	Large	
105599	TH5320U1001	2H/2C Conv, 3H/2C Heat Pump	R,Rc,W(O/B),W2(AUX/E),Y,Y2,G,L,C	Large	

PRO® 4000 5+2 Day Programmable Digital Thermostats

- *Electronic control of 24VAC, heating and cooling systems or 750mV heating systems*
- *Weekday/weekend programming to fit your lifestyle*
- *Clear, backlight display*
- *Precise comfort control +/- 1°F of your set temperature*
- *Easy slide switches allow selection of heat or cool mode, and fan operation*
- *Dual-powered, battery or hardwired*
- *Manual changeover*
- *Built-in instructions - simple, pull out instruction manual*
- *Adaptive Intelligent Recovery™ - ensures programmed temperature is reached by programmed time*
- *Temperature range:*
  - *Heat: 40° to 90°F*
  - *Cool: 50° to 99°F*
- *Dimensions: 3-13/16"H x 5-3/8"W x 1-1/4"D*
- *Premier White®*



Part #	Mfg #	Application	Terminal Designations	Price
096358	TH4110D1007	1 Heat/1 Cool Conv & Heat Pump	Rc,R,W,Y,G,O,B,C	

Honeywell Thermostats

PRO® 3000 Basic Non-Programmable Digital Thermostats

- *Electronic control of 24VAC, heating and cooling systems or 750mV heating systems*
- *Digital backlight display - both current and set temperature are easy to read*
- *Precise comfort control (+/- 1°F)*
- *Easy slide switches allow selection of heat or cool mode and fan operation*
- *Manual changeover*
- *Dual-powered, battery or hardwired*
- *Temperature range:*
  - *Heat: 40° to 90°F*
  - *Cool: 50° to 99°F*
- *Dimensions: 3-13/16"H x 5-3/8"W x 1-1/4"D*
- *Premier White®*



Part #	Mfg #	Application	Terminal Designations	Price
104606	TH3110D1008	1 Heat/ 1 Cool Conventional & Heat Pump	R,Rc,W,Y,G,O,B,C	

PRO® 1000 Builder Series Non-Programmable Digital Thermostats

- *Electronic control of 24VAC, heating and cooling systems or 750mV heating systems*
- *Perfect for multi-family housing developments or apartment complexes*
- *Clear, backlight digital display*
- *Manual changeover*
- *Simple-set programming*
- *Dual-powered, battery or hardwired*
- *Temperature range:*
  - *Heat: 40° to 90°F*
  - *Cool: 50° to 99°F*
- *Dimensions: 4-11/16"H x 2-7/8"W x 1-1/8"D*
- *Premier White®*



Part #	Mfg #	Application	Mount	Terminal Designations	Price
138239	TH1100D1001	Heat Only	Vertical	R, C, W	

LineVoltPro™ 8000 Programmable Electric Heat Only Thermostats

- *Use for electric baseboards, convectors and fan forced heaters (resistive rated loads)*
- *7-Day preprogrammed schedule or modify programming to suit your lifestyle*
- *On-demand backlight*
- *On/off switch and visible heat indicator*
- *Electrical rating: 15.0A*
- *4-Wire/DPST Switching action*



Part #	Mfg #	Description	Price
144533	TL8230A1003	7-Day Programmable Electric Heat, Premier White®	

Honeywell Thermostats

Thermostat Accessories

Universal Thermostat Guard

- *Tamper-resistant lock; key cannot be removed unless in locked position*
- *Vents in guard base allow airflow*



TG511A /TG512A

Part #	Mfg #	Description	Price
006787	TG511A1000	Fits Series TH3000, TH4000, TH5000, TH6000, TH8000 & Similar 6-1/2"H x 7-1/2"W x 2-15/16"D	
006788	TG512A1009	Fits Series TH5000, TH6000, TH8000 & Most Electronic Thermostats 7-1/4"H x 9-3/4"W x 3-3/8"D	

Wireless Thermostat Systems

Prestige™ SD Comfort System Thermostat

- *Up to 3 heat/2 cool heat pump or up to 2 Heat/2 Cool conventional*
- *Powered by RedLINK™ reliability*
- *Standard definition (SD) color touchscreen thermostat*
- *Large back-lit high-definition color display shows current indoor temperature, humidity, temperature setting, date and time on the home screen (also displays outdoor temperature and humidity on home screen if wireless outdoor sensor is installed)*
- *Automatic daylight savings update*
- *Auto or manual changeover*
- *Change reminders for air filter, humidifier pad, ultraviolet bulb or batteries in connected devices*
- *7-Day multiple day programming or non-programmable*
- *Humidity and dehumidity control*
- *24VAC Hardwired only*
- *Arctic white*



YTHX9321R1000

Part #	Mfg #	Description	Price
143864	THX9321R5030	Prestige SD HD 7-Day Programmable Thermostat	

Honeywell Thermostats

Prestige® IAQ Comfort System



- *4 Heat/2 cool heat pump or up to 3 heat/2 cool conventional*
- *Powered by RedLINK™ reliability*
- *Wireless outdoor sensor*
- *Large back-lit color display shows current indoor temperature, humidity, temperature setting, date and time on the home screen (also displays outdoor temperature and humidity on home screen if wireless outdoor sensor is installed)*
- *Automatic daylight savings update*
- *Auto or manual changeover*
- *Change reminders for air filter, humidifier pad, ultraviolet bulb or batteries in connected devices*
- *7-Day multiple day programming or non-programmable*
- *Humidity and dehumidity control*
- *18 to 30VAC*
- *Arctic white*

Part #	Mfg #	Description	Price
143272	YTHX9421R5069	Prestige HD IAQ Thermostat 2-Wire Comfort System Kit	
143273	YTHX9421R5077	Prestige HD IAQ Thermostat, Equipment Interface Module	

Wifi Heat and Cool Thermostat

FocusPRO® Wireless Thermostat Kit

- *Powered by RedLINK™ reliability*
- *Can display outdoor temperature and humidity*
- *1-Year battery life, 2-month low battery warning*



YTH5320R1000



YTH5320R1017

Part #	Mfg #	Description	Price
119159	YTH5320R1000	Includes TH5320R1002 Wireless Non-Programmable FocusPRO® Thermostat	
119158	YTH5320R1017	Includes TH5320R1002 Wireless Non-Programmable FocusPRO® Thermostat	
119161	YTH5320R1025	Includes TH5320R1002 Wireless Non-Programmable FocusPRO® Thermostat	
119090	YTH6320R1001	Includes TH6320R1004 Wireless FocusPRO® 5+1+1 Programmable Thermostat	
119089	YTH6320R1015	Includes TH6320R1004 Wireless FocusPRO® 5+1+1 Programmable Thermostat	

Honeywell Thermostats

Wireless FocusPRO® Thermostat

- *Compatible with gas, oil, electric, heat pump, forced warm air, hot water, steam or gravity*
- *Easily add a zone to a TrueZONE™ system without running new wires*
- *Powered by RedLINK™ reliability*
- *No interference with other wireless devices in the home*
- *Works with compatible RedLINK™ enabled devices*
- *Same great features of the FocusPRO® thermostat now wireless*
- *Installs in minutes*
- *Can display outdoor temperature and humidity (if wireless outdoor sensor is installed)*
- *Battery powered only*
- *1-Year battery life, 2-month low battery warning*
- *Premier White®*



TH5320R1002



TH6320R1004

Part #	Mfg #	Description	Price
119160	TH5320R1002	Non-Programmable, Up to 3 Heat/2 Cool Heat Pump or Up to 2 Heat/2 Cool Conventional	
119091	TH6320R1004	5+1+1 or 5+2 Day Programmable, Up to 3 Heat/2 Cool Heat Pump or Up to 2 Heat/2 Cool Conventional	

Wireless Outdoor Temperature Sensor

- *Powered by RedLINK™ reliability*
- *No interference with other wireless devices in the home*
- *Reliable performance in all climates*
- *Installs in minutes*
- *Up to 5-years battery life, 2-month low battery warning*
- *Battery warning displayed on RedLINK™ enabled thermostats*
- *Includes (2) AA Lithium batteries and mounting hardware*



Part #	Mfg #	Description	Price
120395	C7089R1013	Wireless Outdoor Sensor, Senses Outdoor Temperature and Humidity, RedLINK™	

Personal Comfort Station™

- *Works in both zoned and non-zoned applications*
- *Powered by RedLINK™ reliability*
- *Built in pager with an audible noise helps locate the device in the home*
- *Battery powered*
- *Touchscreen interface with backlit display*
- *Can display outdoor temperature and humidity*



Part #	Mfg #	Description	Price
120396	REM5000R1001	Portable Comfort Station Control, RedLINK™ Enabled	

RedLINK™ Internet Gateway

- *Provides remote access to any RedLINK® enabled thermostat through the internet, smart phone or tablet*
- *Includes 3' Ethernet cable and plug-in power adapter*
- *Operating temperature: 32° to 120°F*



Part #	Mfg #	Description	Price
143270	THM6000R1002	Up to 4 Heat/2 Cool Heat Pumps	

Honeywell Thermostats

RedLINK™ Wireless Indoor Air Sensor



- *Used to change the sensing location of the thermostat*
- *Works with RedLINK™ 2.0 thermostats*
- *Sense temperature and humidity remotely*
- *Control temperature and humidity in separate locations*
- *Humidify and dehumidify in separate locations*
- *Up to (6) wireless sensors per thermostat*
- *Dimensions: 2-7/8"H x 1-7/8"W x 15/16"D*
- *Operating temperature: 0° to 120°F*
- *Includes:*
  - *(2) AAA Batteries*
  - *Mounting hardware*

Part #	Mfg #	Description	Price
143274	C7189R1004	RedLINK™ Wireless Indoor Sensor	

VisionPRO® IAQ Total Home Comfort System



- *Provides control of temperature, humidification, dehumidification and ventilation*
- *Up to 2 heat/2 cool stages convention, up to 4 heat/2 cool in heat pump mode*
- *Selectable auto or manual changeover*
- *Large, clear display with backlit shows the current and set temperature and time*
- *Touchscreen interaction*
- *Common wire powering*
- *Manual or auto changeover selectable*
- *Real-time clock keeps time during power failures and automatically updates to daylight savings*
- *Change/check reminders for servicing/replacing filters*
- *Controls dehumidification using air conditioner with high or low speed fan or a whole house dehumidifier*
- *Controls ventilation with other HRV, ERV or fresh air damper*
- *Advanced heat pump control features balance point plus 2°F drop*

Part #	Mfg #	Description	Price
098303	YTH9421C1002	TH9421C1004 VisionPRO IAQ Thermostat, THM5421C1008 Equipment Interface Module	

TrueIAQ™ Total Home Comfort System



- *Manages humidification, dehumidification, ventilation and bathroom fans from a central point in your home*
- *Setting changes can be made easily with the touch of a button*
- *Simultaneously displays both indoor and outdoor temperature and humidity levels on-screen*
- *Automatically adjusts inside settings based on outdoor conditions*
- *Include individual air quality enhancements to your system with TrueIAQ™, or integrate them all as part of a total air quality system*
- *Intuitive digital backlight display.*

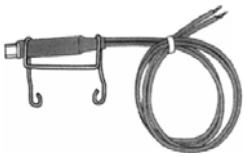
Part #	Mfg #	Description	Price
111238	DG115EZIAQ	Steam Type, 120VAC, Duct or Remote Mount with Outdoor Temperature/Humidity Sensor, White	

Honeywell Thermostats

Temperature Sensors

C7089 Remote Outdoor Temperature Sensor

- *Senses outdoor temperature for display; can manage dual-fuel and lock-out auxiliary heat in heat pump applications*
- *Maximum wire run of 200'*
- *Includes 60" leadwire, mounting clips and screws*
- *Dimensions: 2-1/4" x 3/8" with 60" leadwire*
- *Factory calibrated*



Part #	Mfg #	Description	Price
078072	C7089U1006	For VisionPRO® & VisionPRO® IAQ Thermostats	

C7189 Remote Indoor Sensor

- *Mounts in living space up to 200' away from W8900 remote module*

Part #	Mfg #	Description	Price
078076	C7189U1005	For VisionPRO and VisionPRO IAQ Thermostats	

Programmable Commercial Thermostats

TL8100 Hydronic 7-Day Programmable Electronic Thermostat

- *Controls 2- or 3-way zone valves or circulator pumps in both line and low volt*
- *Special protection modes to prevent system seizures and reduce call backs*
- *Easy to install*
- *Millivolt compatible*
- *Electrical ratings: maximum load: 5A (resistive), 2A (inductive) @ 24VDC, 120VAC and 240VAC*



Part #	Mfg #	Description	Price
128315	TL8100A1008	Programmable Electronic Thermostat, White	

Honeywell Thermostats

Line Voltage Commercial Thermostats

T451 Medium-Duty Line Voltage Commercial Thermostat with Thermometer



- *SPST Switching action, makes on temperature fall, breaks on temperature rise*
- *Heating application*
- *Control line voltage on valves, motors, contactors, electric heat elements, duct furnaces and fan coil units*
- *Mounts on standard vertical or horizontal outlet box*
- *Includes vertical scaleplate with thermometer and high accuracy dual diaphragm sensor*
- *Dimensions: 4-1/2"H x 2-15/16"W x 1-1/2"D (switches and wiring terminals protrude into outlet box 3/4")*
- *Champagne gold faceplate with beige cover*

Part #	Mfg #	Temp Setting	Description	Price
065237	T451A3005	44° - 86°F	Range Stops, Locking Cover Screws & Wall Plate	

T651A Light-Duty Line Voltage Commercial Thermostat



- *Control line voltage on valves, motors, contactors, electric heat elements, duct furnaces and fan coil units*
- *SPDT Switching action, breaks heating and makes cooling on temperature rise*
- *Heating and cooling application*
- *Mount on standard vertical or horizontal outlet box*
- *Automatic cooling and heating anticipation*
- *Includes vertical scaleplate with thermometer, horizontal scaleplate without thermometer, and high accuracy dual diaphragm sensor*
- *Dimensions: 4-1/2"H x 2-15/16"W x 1-1/2"D (switches and wiring terminals protrude into outlet box 3/4")*
- *Champagne gold faceplate with beige cover*

Part #	Mfg #	Temp Setting	Description	Price
065613	T651A3018	44° - 86°F	Range Stops, Locking Cover Screws & Wall Plate	

T631A-C Farm Controller



- *Provides line voltage control of heating, cooling and ventilating systems in farm buildings or storage areas*
- *Light-duty line volt thermostat, 2°F fixed differential*
- *Treated to resist corrosion*

Part #	Mfg #	Description	Price
006794	T631A1006	Farm-O-Stat, 35° - 100°F, SPDT Snap Switch, Red	

Honeywell Thermostats

Winter Watchman

- *Used as freeze warning device*
- *Completes circuit to household lamp on temperature fall, indicating inoperative heating equipment*

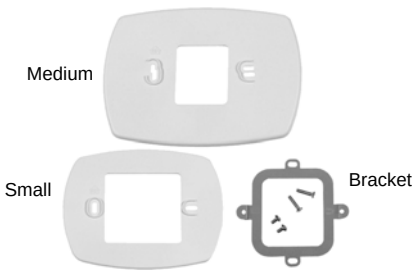


Part #	Mfg #	Description	Price
006784	S483B1002	Winter Watchman Freeze Warning Device, 30° - 60°F, Adjustable	

Thermostat Cover Plates

Thermostat Cover Plate for FocusPRO® & PRO® Series

- *Small cover plate: 4-5/16"H x 5-1/2"W*
- *Medium cover plate: 5"H x 6-7/8"W*
- *Large cover plate: 6"H x 8-5/16"W*
- *Premier White®*



Part #	Mfg #	Description	Price
079594	50001137-001	For TH5110 Thermostat	
079595	50002883-001	For FocusPRO® 6000/5000, PRO® 4000/3000	

Pro1 Thermostats

Pro1 Thermostats

- *Separate heating and cooling swing adjustments*
- *Battery or 24V power*
- *5-Year warranty*

T700 Thermostat

- *Blue backlight with glow-in-the-dark light button*
- *Easy access battery compartment*
- *Electric or gas configurable*
- *Simple private label badge system*
- *Separate B & O terminals*
- *Easy wire color-coded terminal blocks*
- *Room temperature calibration adjustment*
- *5-Minute compressor delay protection*
- *Universal sub-base*
- *Mounts on wall or junction box*


T701/T771


T705/T715


T755/ T755H

Part #	Mfg #	Stages	Programs	Description	Price
138686	T701	1 Heat/1 Cool	Non-Programmable	Single-Stage	
138687	T705	1 Heat/1 Cool	5+1+1	Single-Stage	
138688	T715	2 Heat/2 Cool	5+1+1	Multi-Stage	
138690	T755	3 Heat/2 Cool	5+1+1 or Non-Programmable	Heat Pump	
140228	T755H	3 Heat/2 Cool	5+1+1 or Non-Programmable	Universal	
138691	T771	1 Heat/1 Cool	Non-Programmable	Single-Stage	

T800 Thermostat

- *Blue backlight with glow-in-the-dark light button*
- *Easy access battery compartment*
- *Extra large, easy-to-read temperature display*
- *Electric or gas configurable*
- *Simple private label badge system*
- *Separate B & O terminals*
- *Easy wire color-coded terminal blocks*
- *Room temperature calibration adjustment*
- *5-Minute compressor delay protection*
- *Universal sub-base*
- *Mounts on wall or junction box*



Part #	Mfg #	Stages	Programs	Description	Price
138693	T805	1 Heat/1 Cool	5+1+1	Single-Stage	
138694	T855	2 Heat/2 Cool	7-Day or 5+1+1	Universal	

Pro1 Thermostats

T900 Thermostat

- *Touchscreen with blue backlight and glow-in-the-dark light button*
- *Auto changeover*
- *Easy access battery compartment*
- *Electric or gas configurable*
- *Filter change indicator*
- *Simple private label badge system*
- *Keypad lockout*
- *Separate B & O terminals*
- *Easy wire color-coded-terminal blocks*
- *Room temperature calibration adjustment*
- *5-Minute compressor delay protection*
- *Universal sub-base*
- *Mounts on wall or junction box*



Part #	Mfg #	Stages	Programs	Description	Price
138905	T925	3 Heat/2 Cool	7-Day or 5+1+1	Heat Pump	

T955W Wireless Thermostat

- *13" Touchscreen display with blue backlight and glow in the dark light button*
- *Set dual fuel balance points*
- *Connects up to 4 indoor remotes (R251W)*
- *Connects to outdoor remotes (R250W)*
- *Auto changeover*
- *Programmable fan*
- *Electric or gas configurable*
- *Heating and cooling setpoint limit*
- *Room temperature calibration adjustment*
- *5 Minute compressor delay protection*
- *Mounts on junction box*



Part #	Mfg #	Stages	Programs	Description	Price
138695	T955WH	3 Heat/2 cool	7-Day, 5+1+1 or Non-Programmable	Universal with Humidity Control	

Thermostat Accessories

Wireless Wire® Base Module

- *Replaces 25V wire*
- *Input module: 7 terminal inputs and 2 terminal outputs*
- *Output module: 7 terminal outputs and 2 terminal inputs*



Part #	Mfg #	Description	Price
138696	WW160W	Includes Both Input Base Module and Output Base Module	

Pro1 Thermostats

Remote Temperature Sensor



Indoor


Outdoor

Part #	Mfg #	Description	Price
138685	PD411070	Remote Indoor Sensor	
138683	PD411071	Remote Outdoor Sensor	

Thermostats

200 Series Universal Programmable Thermostat

- *Universal choice of 7-day, 5+1+1 or 5+2 programmable or non-programmable*
- *4 Time and 4 temperature settings per program (heat & cool)*
- *4" Lighted blue display*
- *Permanent program retention*
- *Battery/hardwired*



Part #	Mfg #	Description	System	Type	Price
131301	UHC-TST213UNMS	2 Heat/2 Cool	Universal (AC/HP/GE)	Multi-Stage	

400 Series Special Deluxe Programmable Thermostat

- *Hardwired power source*
- *Lighted display*



ENERGY STAR PARTNER

Part #	Mfg #	Description	System	Type	Price
124272	UHC-TST412MDMS	1 Heat/2 Cool	Dual Fuel	Multi-Stage	

Protech Thermostats

500 Series High Definition Communicating Thermostat

- *Universal choice of 7-day, 5/2 day programmable or non-programmable*
- *Dehumidification and humidification control*
- *Outdoor temperature display*
- *Intelligent scheduling ramp-up/program anticipation*
- *USB connection for uploading of programming and configuration*
- *Maintenance reminders*
- *Compressor short cycle protection*
- *5-Year limited warranty*



RHC-TST550CMMS

Part #	Mfg #	Description	System	Type	Price
126929	UHC-TST550CMMS	2 Heat/2 Cool	Dual Fuel	Dehumidification & Humidification	

500 Series Touchscreen Communicating Thermostat

- *Scrolling system status*
- *Dehumidification control*
- *Armchair programming allows users to remove thermostat from wall to set the schedule*
- *Outdoor temperature display*
- *Intelligent scheduling ramp-up/program anticipation*
- *Maintenance reminders*
- *Compressor short cycle protection*
- *5-Year limited warranty*



Part #	Mfg #	Description	System	Type	Price
131449	UHC-TST501CMMS	4 Heat/2 Cool	Dual Fuel	Dehumidification	

RUUD

Thermostats

300 Series Deluxe Programmable Thermostat

- *Universal programming, choice of 7-day, 5+2 or non-programmable*
- *12 Sq inch touchscreen display*
- *Larger, easy-to-read character size*
- *Keypad lockout option*
- *Dual power - hardwired or battery*
- *Easy, menu-drive programming*
- *Audio prompting to ensure program change confirmation*
- *Intuitive red/blue temperature keys*
- *5-Year warranty from date of purchase*



Part #	Mfg #	Description	Price
123952	UHC-TST305UNMS	4 Heat / 2 Cool Gas, Oil, Electric, Heat Pump, Dual Fuel	

White-Rodgers Thermostats

80 Series® Blue 2" Thermostats

- *2" Wide LCD lighted screen*
- *Fossil fuel or electric heat compatible*
- *Dual powered, choice of battery or hardwired for all applications*
- *Easy push-connect color coded terminals*
- *Cool Savings™*
- *Dimensions: 3.8"H x 4.8"W x 1.5"D*
- *Classic white color*
- *5-Year warranty*



Part #	Mfg #	System	Program Options	Additional Applications	Power Source	Terminal Designations	Price
127608	1F86-0244	1 Heat/1 Cool	Non-Prog	mV	Battery/Hardwire	R,C,W,Y,G,O/B	

ecobee

Thermostats

Wireless Smart Thermostat

- *Internet enabled*
- *"Quick save" automatically sets your system to conserve energy and save you money*
- *Manage your home from anywhere*



Part #	Mfg #	Description	Price
135356	EB-STAT-02	1 Heat/1 Cool	

BRÄMEC®

Thermostats

Temporary Construction Thermostat

- *Low cost*
- *Mercury-free and non-adjustable*
- *Rugged construction is not effected by heat, moisture, paint and drywall dust*



Part #	Mfg #	Description	Price
034003	20064	TS-60, 60°F, Heat Only	
034004	20065	TS-65, 65°F, Heat Only	
034005	20066	TS-70, 70°F, Heat Only	

Temporary Construction Thermostats

T812 Low Voltage Control Thermostats

- *Snap-acting, bi-metal switch less mercury and requires no leveling*
- *For low voltage control of single-stage heating, cooling or heating/cooling systems*
- *Includes dealer logo pocket*
- *Switch type: snap-acting*
- *Electrical ratings: 18 to 30VAC*
- *Setting temperature change: 50º to 90ºF*
- *Dimensions: 3-1/8"H x 3-1/8"W x 7/8"D*
- *Mounting: square*



Part #	Mfg #	Application	Switching Action	Terminal Designations	Color	Price
101204	T812A1002	Heat Only	SPST	W,R	White	

Wifi Heat and Cool Accessories

TrueZONE™ Wireless Zoning Kit

- *Includes TrueZONE panel, AT140 40VA transformer and C7735A discharge air temperature sensor*



Part #	Mfg #	Description	Price
111211	HZ311K	For Conventional, Single-Stage Applications up to (3) Zones	
111209	HZ322K	For Conventional & Heat Pump Applications up to (3) Zones (2 Heat/2 Cool)	
111207	HZ432K	For Conventional, Heat Pump or Dual Fuel Applications up to (32) Zones (3 Heat/2 Cool)	

Wireless RedLINK™ Adapter

- *Allows you to easily add RedLINK™ enabled thermostats to a TrueZONE™ system without running new wires*



Part #	Mfg.#	Description	Price
129308	THM4000R1000	Add RedLINK™ Enabled Thermostats to a TrueZONE™ System	

Zone Dampers & Accessories

TrueZONE™ Panel



- *Universal application*
- *Robust push terminals*
- *Common-sense LED's*
- *Clean, professional installation*
- *Smaller footprint*
- *Auto changeover*
- *Variable-speed fan control*
- *Discharge air temperature compatible*
- *Resetable fuse*
- *Individual zone fan control*

Part #	Mfg #	Description	Price
111206	HZ432	3 Heat/2 Cool Conv, Heat Pump or Dual Fuel, 4-Zone Expandable, Standard Checkout Procedure	

Communicating Programmable Thermostats

VisionPRO® IAQ Communicating Touchscreen Digital 7-Day Programmable Thermostat



- *Electronic control of 24VAC heating and cooling systems in addition to humidification, dehumidification and ventilation control with just 3 wires to the thermostat in conventional and heat pump systems*
- *7-Day multiple day programming or non-programmable*
- *For use with W8835A Envirazone Panel and THM5421C1008 equipment interface module*
- *Eliminate the need for fossil fuel kit*
- *Clear backlight display available in large or standard screen*
- *Precise Comfort control +/- 1°F of your set temperature*
- *Temperature range:*
  - *Heat: 40° to 90°F*
  - *Cool: 60° to 99°F*
- *Automatic/manual selectable changeover*
- *Premier White®*
- *5-Year warranty*

Part #	Mfg #	Description	Price
103348	TH9421C1004	Up to 3 Heat/2 Cool Conventional, up to 4 Heat/2 Cool in Heat Pump Mode	

EnviraZone System Saver Kit



- *Networked zoning kit includes:*
  - *Panel (W8835)*
  - *Transformer (AT140A)*
  - *Discharge air temperature sensor (C7835)*
  - *Outdoor temperature sensor (C7089U)*
  - *Outdoor temperature interface module (50022037-001)*
- *Heat pump compatible*
- *3 Heat/2 cool stages*

Part #	Mfg #	Description	Price
102165	Y8835A1044	2-Zone Kit with (2) TH9421C1004 VisionPRO IAQ Thermostats	

Zone Dampers & Accessories

Wifi Temperature Sensors

C7735A1000 Discharge Air Temperature Sensor

- *Use with THM5320R1000 Equipment Interface Module; TH6320R1004 or TH5320R1002 Wireless FocusPRO® Thermostat*
- *Mount on return duct for backup control of non-zoned systems RedLINK™ enabled wireless systems*
- *Works with EIM to maintain safe indoor temperatures if power is lost at the wireless thermostat*
- *Operating temperature range: 0° to 200°F*
- *Dimensions: 3-7/8"H x 4-1/8"W x 1-1/4"D*
- *Gray*



Part #	Mfg #	Description	Price
068726	C7735A1000	Discharge Air Temperature Sensor, Includes Mounting Hardware	

Zone Control Dampers

Automatic Round Damper

- *Galvanized steel, single-blade damper*
- *Side or top motor mount*
- *Used with Honeywell zoning systems*
- *24V, 60Hz, 2-Position motor type, (2) wires to motor*



Part #	Mfg #	Size	Price
023269	ARD6	6"	
023270	ARD8	8"	
038386	ARD10	10"	
045030	ARD14	14"	

Retrofit Round Damper

- *Inserts into rigid round ducts for retrofit zoning in forced air heating and cooling*
- *Power open, power closed actuator draws 2.5 VA allowing multiple dampers per zone*



Part #	Mfg #	Size	Price
104578	RRD6	6"	

Static Pressure Regulating Damper

- *Single-blade, steel barometric damper*
- *Counter-balanced weighted arm to control bypass air for zoned systems*



Round

Part #	Mfg #	Size	Shape	Price
023273	SPRD8	8"	Round	
023274	SPRD10	10"	Round	
023275	SPRD12	12"	Round	

Zone Dampers & Accessories

Zone Control Dampers (Continued)

Static Pressure Regulating Damper

Part #	Mfg #	Size	Shape	Price
099762	SPRD14	14"	Round	

ZD Series Damper

- *Power close, spring open*
- *24V Spring-return motor used to control circulating air in HVAC systems*
- *Used when a normally open damper is required, typically used with the TrueZONE™ systems and other electronic zoning damper systems*
- *Kevlar gearing reduces wear, more than doubling damper life*
- *Adjustable range stops*
- *Mechanical visual position indicator for damper status*
- *Solid construction using extruded aluminum frame and blades*
- *Parallel blade design for low leakage performance*
- *Quieter operation with fewer blades*
- *Simple, easy-to-wire, 2-wire installation*
- *Compatible with conventional and networked zoning*
- *Ordering Instructions: Order ZD + dimension 1 x dimension 2; note: motor is always mounted on dimension 2 side*
- *Damper can be installed in any orientation (mounting side can be on either the bottom or the side of the duct)*



Rectangular Shown

Part #	Mfg #	Size	Shape	Motor Mount	Price
060494	ZD8X8	8" x 8"	Square	Side	
060585	ZD8X10	8" x 10"	Rectangular	Bottom	
060586	ZD8X12	8" x 12"	Rectangular	Bottom	
060587	ZD8X14	8" x 14"	Rectangular	Bottom	
060588	ZD8X16	8" x 16"	Rectangular	Bottom	
060589	ZD8X18	8" x 18"	Rectangular	Bottom	
060590	ZD8X20	8" x 20"	Rectangular	Bottom	
093700	ZD8X22	8" x 22"	Rectangular	Bottom	
060591	ZD8X24	8" x 24"	Rectangular	Bottom	
099764	ZD8X28	8" x 28"	Rectangular	Bottom	
060495	ZD10X8	10" x 8"	Rectangular	Side	
107298	ZD10X14	10" x 14"	Rectangular	Bottom	
068770	ZD10X16	10" x 16"	Rectangular	Bottom	
074281	ZD10X20	10" x 20"	Rectangular	Bottom	
072765	ZD10X24	10" x 24"	Rectangular	Bottom	
060497	ZD12X8	12" x 8"	Rectangular	Side	
060498	ZD14X8	14" x 8"	Rectangular	Side	
060499	ZD16X8	16" x 8"	Rectangular	Side	
060500	ZD18X8	18" x 8"	Rectangular	Side	
060428	ZD20X8	20" x 8"	Rectangular	Side	
066895	ZD24X8	24" x 8"	Rectangular	Side	

Zone Dampers & Accessories

Damper Actuators

M847D 24VAC Spring Return Damper Actuator

- *2-Position*
- *Power open/spring close damper motor*
- *Use with ARD, EARD and ZD zone dampers*
- *Includes anti-rotation and drive shaft extensions for direct mounting to 7/16" diameter coupling style dampers*
- *Direct replacement for M847D1004*



Part #	Mfg #	Description	Price
066418	M847D1012	4-1/2" High x 2-3/8" Wide x 3-3/8" Deep Damper Motor Actuator, Direct Connection to Damper Shaft	

MSTN Damper Actuator

- *Power open/power close damper motor*
- *Use with MVRV; MVRH; SRTD; IOBD; AOBD-BM; AOBD; ASCD; ARCD*



Part #	Mfg #	Description	Price
023257	MSTN	3-Wire 24V Actuator Motor	

Zone Control Accessories

Freeze Protection Control

- *Breaks Y circuit to compress below 36°F and remakes it at 46°F*
- *For use with minizone panels*



Part #	Mfg #	Description	Price
023258	FPC	Protects A/C Coil From Freezing Due to Low Air Flow or Excessive Bypass Air	

Fresh Air Ventilators

Y8150 Fresh Air Ventilation System

- *"Set it and forget it" program calculates needs based on square feet and number of rooms, etc.*
- *Operates a fresh air intake damper and when necessary activates the main HVAC blower to efficiently meet ASHRAE ventilation rates*
- *Includes W8150A fresh air ventilation control, EARD6 normally closed 6" damper, AT120B 120VAC/24VAC 20VA transformer, mounting hardware, homeowner information label*
- *5-Year warranty*



Part #	Mfg #	Description	Price
079323	Y8150A1009	50 to 160 CFM Fresh Air Ventilation System	

Disconnects/Fuses/Electrical Box Covers

Electrical Boxes

Handy Boxes - Standard Steel Utility Box

- *Dimensions: 4"H x 2-1/8"W*



Part #	Mfg #	Description	Price
002313	7596	2-1/8" Deep, 1/2" KO's	

Steel Electrical Box

- *1/2" & 3/4" Knockouts*



Part #	Mfg #	Description	Price
143518	7588	4" Square x 2-1/8" Deep	

Electrical Receptacles

Premium Duplex Receptacle

- *Premium specification grade*
- *2-Pole, 3-wire grounding receptacles*
- *Side-wired*



Part #	Mfg #	Description	Price
141783	16573	15A, 125V White	

Electrical Switches

Standard Toggle Switch

- *Combination of side wiring & push-in wiring*
- *Framed toggle*
- *15A 1/2 hp 120V*



Part #	Mfg #	Description	Price
140155	16571	Grounded, White	

RUUD

Fuses



46-22863-82-5PK



44-ATC3-5PK

Part #	Mfg #	Description	Price
056101	44-ATC3-5PK	Fuse 3A 5-Pack	
064538	46-22863-82-5PK	Fuse 2A 5-Pack	

DIVERSITECH

Fuses

Box Cover Units

- *Maximum 15 Amps*
- *Maximum 125VAC*
- *UL Listed and CSA certified*
- *For use with type T plug fuses*



COOPER Bussmann

Part #	Mfg #	Description	Price
002302	620-608	Switch/Fuse Combo/ESSU	

Disconnects

DiversiTech Pull-Out Disconnect Switch

- *Side opening door*
- *Line, load, and ground terminals aligned*
- *Reversible door*
- *Full dead front*



Part #	Mfg #	Description	Price
132308	DDS-60U	60A, Non-Fused	

Igniters

Igniters

Glowfly™ Universal Hot Surface Igniter

- *Uses a 120V silicon nitride igniter design with long life and high resistance to damage or burn out in the appliance*
- *Kit includes specially designed silicon nitride igniter and six different bracket configurations*
- *Clear instructions and application templates are provided*
- *Replaces over 110 different models*
- *3-Year warranty*



Part #	Mfg #	Description	Price
126476	Q3200U1004	Glowfly™ Universal Hot Surface Igniter Kit	

Igniter Flame Rod Assembly

- *Use with SV9500, SV9600*
- *Field replacement for Q3450/Q3480 hot surface pilot burner*



Part #	Mfg #	Description	Price
097708	Q3400A1024	30" Lead Length	

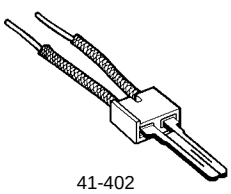
Robertshaw®

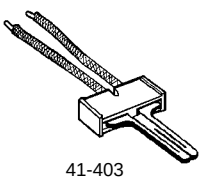
Igniters

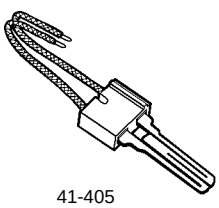
41 Series Silicon Carbide Hot Surface Igniters

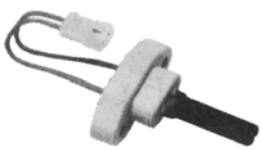
- *Delivers dependable ignition in heating systems of every description*
- *Engineered for easy handling, simple installation & trouble free operation*

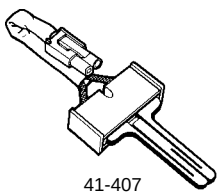

41-401

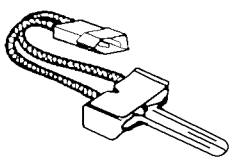

41-402

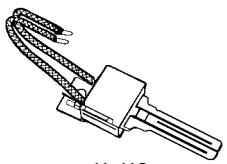

41-403

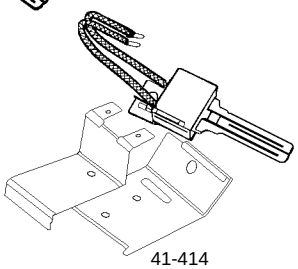

41-405


41-406


41-407


41-409


41-412


41-414

Part #	Mfg #	Factory Model#	Ceramic Block Style	Terminal Conn Type	Lead Wire Length	Price
044297	41-401	271A	A	A	4-1/2"	
044298	41-402	217W	B	None	19"	
044299	41-403	271	C	None	5-1/2"	

Igniters (Continued)

41 Series Silicon Carbide Hot Surface Igniters

Part #	Mfg #	Factory Model#	Ceramic Block Style	Terminal Conn Type	Lead Wire Length	Price
044300	41-405	2711D	D	None	5-1/2"	
044301	41-406	271Y	E	None	10-1/2"	
044302	41-407	271	C	B	4-1/2"	
044303	41-409	271	C	D	4-1/2"	
044305	41-412	271NM	F	None	5-1/4"	
045277	41-414	271NM	F	None	5-1/4"	

Series 41-600



Part #	Mfg #	Factory Model	Housing Length	Comments	Price
058084	41-605	601XBM +Harness & Brackets	2.5"	York Replacement Conversion Kit #473-20937-001	

Honeywell

Power Generators

Q313 Replacement Thermopile Generator

- *Provides power for a millivoltage, self-powered control system*
- *Includes spade terminals*
- *Use with Q314, Q324, Q327, Q377, Q379 and Q382 pilot burners*



Part #	Mfg #	Description	Price
006746	Q313A1139	600-750mV Replacement Thermopile Generator, 35" Lead, Push-in Clip	
006747	Q313A1170	600-750mV Replacement Thermopile Generator, 35" Lead, PG9 Adapter	

Thermocouples

Q340 Universal 30 mV Thermocouple

- *Includes push-in clip, split nut and adapter assembly for easy pilot burner installation*
- *Male nut connector for Pilotstat™ safety control power units*



Part #	Mfg #	Description	Connection	Price
006750	Q340A1066	18" Lead	11/32"-32 Male Connector Nut	
006751	Q340A1074	24" Lead	11/32"-32 Male Connector Nut	
006752	Q340A1082	30" Lead	11/32"-32 Male Connector Nut	

Thermocouples (Continued)

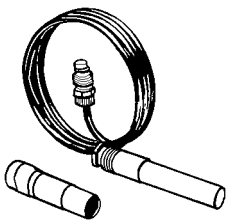
Q340 Universal 30 mV Thermocouple

Part #	Mfg #	Description	Connection	Price
006753	Q340A1090	36" Lead	11/32"-32 Male Connector Nut	
006754	Q340A1108	48" Lead	11/32"-32 Male Connector Nut	

Robertshaw

Thermocouples & Pilots

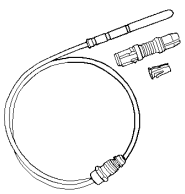
1951 Thermopile



- *Designed for use on self-powered gas control systems*
- *Easy burner installation with attached threaded nut*
- *Stainless steel outer jacket for long life and resistance to heat blistering*
- *Combination of copper and nickel alloys for good electrical conductivity*
- *Mica washer to insulate from shorting conditions*
- *Various lengths available for multiple applications*

Part #	Mfg #	Length	Includes PG 9Pilot Adapter	Connection Type	Price
044312	1951-536	36"	Yes	Coaxial	

1980 Snap-Fit™ Thermocouple



- *Offers easy installation into the majority of pilot burners*

Part #	Mfg #	Length	Price
044326	1980-018	18"	
044329	1980-036	36"	

Thermocouples

Thermocouples

K16 Series - "Husky™" High Performance Thermocouple

- *Heavy-duty*
- *Millivolt range: 25 - 35 mV*
- *Replaces BASO 17D, 50, 58D, 87D, 88D, 97D, 107D, & K15DA thermocouples*



Part #	Mfg #	Length	Carton Quantity	Price
074880	K16FA-36	36"	10	

Honeywell

VR Series Combination Gas Controls

- *Standard features for combination gas valves include:*
  - *(2) Automatic valves*
  - *Solenoid-operated first automatic valve opens on thermostat call for heat; closes when call for heat ends.*
  - *Diaphragm-operated second automatic valve opens under control of regulator; closes if gas or power supply is interrupted*
  - *Meets codes requiring dual safety shutoff*
  - *Mounting: 0° to 90°, any direction from upright position of gas control knob, including vertically*

VR8200 Continuous Pilot Dual Automatic Valve Combo Gas Control

- *For 24VAC gas-fired, standing pilot appliances with capacities from 20-200 cfh*
- *Includes all standard features plus:*
  - *Controls include manual valve, (2) automatic operators, Servco pressure regulator and pilot adjustment*
  - *Standard and slow opening natural gas models include natural to LP gas conversion kits; LP to natural gas conversion kits are also available*
  - *All adjustments, wiring connections and pilot outlets are accessible from the top of control*
  - *LITE-RITE (Off-Pilot-On) lighting sequence*
  - *Compatible with ECO connector*
  - *Capacities based on 1" p.d. 20,000 BTUH minimum, 130,000 BTUH maximum*



Part #	Mfg #	Inlet/ Outlet Size	Capacity cfh	Capacity m3/hr	Pressure Regulator Setting	Type of Gas	Type of Pressure Regulator	Price
006813	VR8200A2132	1/2" x 1/2"	130	3.7	3.5"wc/0.9kPa	NG	Std (1)	

(1) Includes 393691 NG to LP conversion kit, 1/2"x 3/8" reducer bushing, 393690-14 bag assembly - 3/4" straight flange with o-ring, screws and wrench

Gas Valves

VR8300A Continuous Pilot Dual Automatic Valve Combo Gas Control

- *For 24VAC gas-fired, standing pilot appliances with capacities from 30-300 cfh*
- *Includes all standard features plus:*
  - *Controls include 100% safety shutoff, manual valve, magnetic operators, pressure regulator and pilot adjustment*
  - *Standard and slow opening natural gas models include natural to LP gas conversion kits; LP to natural gas conversion kits are also available*
  - *All adjustments, wiring connections and pilot outlets are accessible from the top of control*
  - *LITE-RITE (Off-Pilot-On) lighting sequence*
  - *Compatible with ECO connector*
  - *Ambient temperature ratings: 0° to 175°F*
  - *Capacities based on 1" p.d. 30,000 BTUH minimum, 190,000 BTUH maximum*



Part #	Mfg #	Inlet/ Outlet Size	Capacity cfh	Capacity m3/hr	Pressure Regulator Setting	Type of Gas	Type of Pressure Regulator	Price
006815	VR8300A3500	1/2" x 3/4"	190	5.4	3.5"wc/0.87kPa	NG	Std (1)	

(1) Includes (1) 3/4"x 1/2" reducer bushing, 393691 NG to LP conversion kit

VR8345 Universal Electronic Ignition Combination Gas Control

- *For use with direct spark ignition, hot surface ignition or intermittent pilot ignition in 24VAC, gas-fired appliances, with capacities from 30 to 415 cfh*
- *Includes all standard features plus:*
  - *Manual valve, two automatic operators, pressure regulator, pilot adjustment, pilot plug and ignition adapter*
  - *Replaces virtually any IP, HSI or DSI gas control*
  - *For use with natural or manufactured gas or LP gas*
  - *Includes converter kit to adapt from natural gas to LP gas*
  - *4" Swing radius allows easy rotation into position inside the tightest furnace vestibules*
  - *Clearly marked, keyed terminal block allows quick attachment wires and IP/DSI/HSI jumper*
  - *Internal inlet screen blocks contaminants in gas line from entering valve*
  - *Capacities based on 1" p.d. 30,000 BTUH minimum, 300,000 BTUH maximum*



Part #	Mfg #	Inlet/ Outlet Size	Capacity cfh	Capacity m3/hr	Pressure Regulator Setting	Type of Gas	Type of Pressure Regulator	Price
025055	VR8345M4302	3/4" x 3/4"	300	8.5	3.5"wc/0.87kPa	NG	Std (1)	

(1) Includes two 3/4" x 1/2" NPT reducer bushings and one 1/2" x 1/2" NPT bushing

Gas Valves

Combination Gas Controls

V800 Low Voltage Standing Pilot Gas Control

- *Auto 24V control for use with 30mV thermocouple, includes integral A and B gas cock, magnetic operator, pressure regulator, auto pilot, 100% shut-off, pressure tap and filter, one 36" thermocouple and LP kit*
- *Color coded blue to identify 24V operation*



Part #	Mfg #	Inlet/ Outlet Size	Capacity cfh	Capacity m3/hr	Pressure Regulator Setting	Type of Gas	Type of Pressure Regulator	Price
006820	V800A1070	1/2" x 3/4"	250	7.1	3.5"wc/0.87kPa	NG	Std (1)(2)(3)	
006821	V800A1088	3/4" x 3/4"	335	9.5	3.5"wc/0.87kPa	NG	Std (1)(2)(3)	

(1) Includes one 3/4" x 1/2" and one 1/2" x 3/8" reducer bushing/adapter

(2) Includes Q340 (36") thermocouple with adapters

(3) NG to LP Conversion Kit

VS820 Millivoltage Combo

- *Provides complete control of continuous pilot gas-fired central furnaces and boilers*
- *Self-powered automatic control for use with 750mV thermocouple*
- *Includes pilot flow adjustment screw*
- *All adjustments and connections are accessible from top of control*
- *Add separate energy cutoff (ECO) where codes call for dual safety shutoff*
- *Complete safety shutoff on pilot flame failure*
- *LITE-RITE (Off-Pilot-On) lighting sequence*
- *Adjustable pressure regulator*
- *Temperature range: 32° to 175°F*
- *Mounting 0° to 90° in any direction from the upright position of the gas control knob, including vertically*



Part #	Mfg #	Inlet/ Outlet Size	Capacity cfh	Capacity m3/hr	Pressure Regulator Setting	Type of Gas	Type of Pressure Regulator	Price
006816	VS820A1047	1/2" x 3/4", 1/2" Side Outlets	250	7.1	3.5"wc/0.87kPa	NG	Std (1)	

(1) Includes one 3/4" x 1/2" and one 1/2" x 3/8" reducer bushing/adapter

Gas Valves

SmartValve® Hot Surface Pilot Ignition Controls

SV9501 SmartValve® System Control

- *Provides easy field replacement of a wide range of SV9500, SV9501, SV9502, SV9601 and SV9602 SmartValve® System models*
- *Gas appliance manufacturers use these models in many types of gas fired heating appliances including central furnaces, residential boilers, rooftop furnaces, commercial cooking appliances and unit heaters*
- *Provides intermittent pilot gas ignition sequencing, pilot flame sensing, and both pilot and main gas control functions in a single control*
- *Ignition sequence includes timed trial for ignition*
- *Compatible with Q3450 or Q3480 intermittent pilot burners used with the original controls on the appliance*



Part #	Mfg #	Description	Price
098756	SV9501M2528	Intermittent HSI Pilot , 1/2" x 1/2" In/Out, 3.5"wc Standard Opening, Natural Gas	

SV9641 SmartValve® System Control

- *Combines gas flow control and electronic intermittent pilot sequencing functions*
- *Q3450 or Q3480 Pilot hardware supplies the low voltage igniter, flame sensor and pilot burner*
- *Communicates directly with an electronic fan timer (ST9160 for single-stage applications; ST9162 for 2-stage applications) in typical forced warm air furnace applications*
- *Provides prepurge, postpurge, timed trial for pilot ignition, with 100% shutoff and continuous retry*
- *Suitable for wide range of fan assisted combustion gas-fired appliances including: furnaces, rooftop furnaces, boilers, unit heaters, infrared heaters, water heaters, and commercial cooking appliances*
- *Ambient temperature range: -40º to 175ºF*
- *Diagnostic LED*



Part #	Mfg #	Description	Price
144233	SV9641M4510	2-Rod Flame Sense, 3/4" NPT x 3/4" NPT Intermittent Hot Surface Pilot Ignition SmartValve®	

Robertshaw®

Gas Valves

700 24 Volt Combination Valve

- *Electrical rating: 0.18A @ 12VDC 0.2A @ 24VAC*



Part #	Mfg #	Inlet Size	Outlet Size	Straight Through	Side Outlet w/Plugs	Pressure Regulator Setting	Capacity	Price
058059	700-400	1/2" FPT	3/4" FPT	Yes	None	Uni-Kit	240,000	

Gas Valves

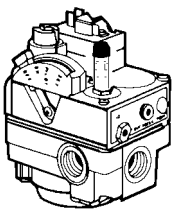
720 Series Dual Valve Gas Control

24V Hot Surface - Intermittent Pilot Ignition



Part #	Mfg #	Inlet Size	Outlet Size	Straight Through	Side Outlet w/Plugs	Pressure Regulator Setting	Capacity	Price
042430	720-400	1/2" FPT	3/4" FPT	Yes	None	Uni-Kit	150,000	

24V Standing Pilot - Step-Opening w/Convertible Pressure Regulator



Part #	Mfg #	Inlet Size	Outlet Size	Straight Through	Side Outlet w/Plugs	Pressure Regulator Setting	Capacity	Price
044307	720-474	1/2" FPT	1/2" FPT	Yes	1/2" FPT	Yes	150,000	

720 Series Gas Valve Uni-Kits®



- *Designed for intermittent pilot ignition applications*
- *24V*
- *Direct spark, electronic ignition*
- *Valve features:*
  - *Manual valve*
  - *Pilot valve*
  - *(2) Dual automatic valves*
  - *Main gas pressure regulator*

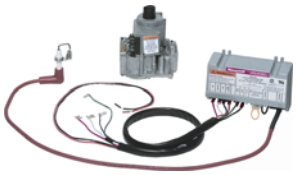
Part #	Mfg #	Inlet Size	Outlet Size	Straight Through	Side Outlet w/Plugs	Pressure Regulator Setting	Capacity	Price
044306	720-079	1/2" FPT	3/4" FPT	Yes	1/2" FPT	Uni-Kit	150,000	

Universal Ignition Modules

Ignition Pilot Modules

Y8610U Universal Retrofit Intermittent Pilot Gas Burner Ignition System

- *Complete kit for converting conventional standing pilot systems to intermittent pilot systems*
- *For use with 24VAC gas-fired atmospheric furnaces, boiler and heating appliances*
- *Includes:*
  - *S8610U Intermittent pilot module*
  - *VR8304M Dual valve combination gas control or VR8204A dual valve combination gas control*
  - *392431 Igniter sensor*
  - *394800-30 Ignition cable*
  - *393691 Natural to LP gas conversion kit*
  - *Wiring harness*
  - *393690-14 3/4" Straight flange kit*
  - *Reducer adapters for gas control with VR8304M*
  - *Installation hardware*



Part #	Mfg #	Description	Price
021614	Y8610U6006	Y-Pack Containing S8610U3009 & VR8304M w/1/2" x 3/4" Inlet/Outlet, Flange Kit, LP Conversion Kit	

S8610U Universal Intermittent Pilot Module

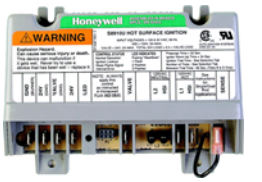
- *Field service replacement for most Honeywell, Robert Shaw, Johnson and UTEC (HSC) intermittent pilot ignition modules*
- *Provides electronic control of most intermittent pilot ignition systems used on gas-fired furnaces, boilers and other heating appliances*
- *For use in systems with combination igniter-sensor (single rod or dual rod sense)*
- *100% Pilot gas shut-off and lockout on loss of pilot flame*
- *Includes relay contacts for use with any intermittent pilot gas control string with max 1.0A pilot or 2.0A main valve rating*
- *Honeywell VR8204, VR8304 or VR8345M combination gas control recommended*
- *Functional equivalent of S86, S8600, S8610 and S90 modules*
- *Includes spark cable adapters to allow field replacement of both Honeywell and competitive controls without replacing existing spark cable*
- *Includes damper connection and automatic vent damper plug*



Part #	Mfg #	Description	Price
102849	S8610U3009	NG or LP Gas, 90 Second Trial for Ignition, 6-Minute Wait, Continuous Retry (Replaces S8610U1003)	

Universal Ignition Modules

S8910U Universal Hot Surface Ignition Module



- *Provides operating control of a direct ignition system using 120VAC hot surface igniter*
- *Replaces most hot surface ignition modules manufactured by Honeywell, Robert Shaw and White-Rodgers*
- *For local (single rod) or remote (dual rod) rectification type flame sensing*
- *For use only in 60Hz systems*
- *Provides (1) or (3) ignition trials (4-second or 7-second trials) per call for heat; prepurge of 32-seconds or less; up to 96-seconds between purge trial times*
- *Number of trials for ignition and trial time is determined by the selection tab. If a selection tab is not installed, the module will operate at 4-seconds trial time and (1) ignition trial*
- *Temperature range: -40° to 175°F*

Part #	Mfg #	Description	Price
016077	S8910U1000	1.5 Second Flame Failure Response Time	

S9200U Hot Surface Ignition Control



- *Universal hot surface ignition integrated furnace control*
- *Controls a standard induction-type circulating fan motor*
- *Can be used with conventional thermostats as well as the EnviraCOM™ enable VisionPRO IAQ and FocusPRO*
- *Main burner ignition using a 120V hot surface igniter*
- *Flame rectification circuit to monitor flame presence*
- *Monitors system pressure switch, high temperature limit, and rollout functions*

Part #	Mfg #	Description	Price
110086	S9200U1000	Universal Integrated Furnace Control	

Pilot Ignition

Automatic Pilot Relight Kit



Part #	Mfg #	Description	Price
044310	785-001	24/120V Includes Igniter Assembly & Mounting Bracket	

Universal Ignition Modules

780-910 Universal Hot Surface Ignition Module Uni-Kit®

- *Local or remote flame sensors*
- *1 or 3 Ignition attempts*
- *17 or 34 Second igniter warm-up time*
- *34 seconds or less prepurge*
- *Natural or LP gas controls*
- *120VAC*



Part #	Mfg #	Description	Price
044309	780-910	100% Lockout/Complete Gas Shutoff if Main Burner Does Not Light After the Selected Trial f/Ignition Sequence Has Been Completed	

Honeywell

Pilot Burners

Q314 Pilot Burner

- *Non-primary aerated, insert orifice-type, for main burner ignition with Q340 or Q390 thermocouple for Pilotstat safety control operation*
- *Use with Q313 Thermopile generator for 750mV powerpile applications*
- *Includes natural gas and LP orifice*
- *Compression fitting size: 1/4"*
- *Special mounting bracket with screws for converting "B" bracket to "A"*



Part #	Mfg #	Description	Price
006748	Q314A4586	B Bracket, BCR-18/BCR-10 Orifice, Single (F) Front Tip	
037901	Q314A6094	B Bracket, BCR-18 Orifice, Single (L) Left Front Tip	
037902	Q314A6102	B Bracket, BCR-18 Orifice, Single (K) Right Front Tip	

Limit Controls

Fan & Limit Controls

L4064B Combination Fan & Limit Furnace Control

- *For control of high limit and fan motor in forced air heating systems*
- *(3) Wiring terminal options:*
  - *Female receptacles for 1/4" male flange connectors*
  - *Push-in receptacles for stripped wire*
  - *Field add-on screw terminals*
- *Helical bimetal sensing element, high limit set @ 200°F*
- *Manual fan switch*
- *Includes jumper*



Part #	Mfg #	Description	Price
006734	L4064B2210	11-1/2" Insertion, Surface-Mount	
006735	L4064B2228	5" Insertion, Surface-Mount	
006736	L4064B2236	8" Insertion, Surface-Mount	

Robertshaw®

2374 Series Adjustable Air Pressure Sensing Switches

- *Designed to replace a wide variety of air-sensing switches found in residential & light commercial applications including furnaces, electronic air cleaners & humidifiers*
- *SPDT Switching that can be actuated by positiveor negative pressure, or by pressure differential*
- *Highly accurate, practically insensitive to temperature change*
- *Operating temperature range: -40° to 190°F*
- *Electrical connections: 1/4" spade*
- *Air sample line connectors: will accept 1/8", 1/4" or 3/8" tubing*
- *UL & CSA Approved*
- *Includes mounting hardware and adjustment tool*



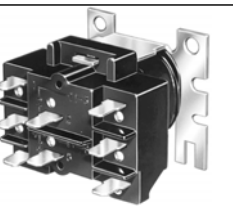
Part #	Mfg #	Description	Price
044313	2374-495	.25" to 1.0"wc Set Point Range, SPDT Switching	
044314	2374-498	.10" to 4.0"wc Setpoint Range, SPDT Switching	

Honeywell

Relays

General Purpose Relay

- *Provides general purpose switching for refrigeration and air conditioning equipment, appliances, vending machines, etc*
- *50/60Hz*



Part #	Mfg #	Description	Price
006769	R4222D1013	DPDT 120V General Purpose, 1 - 6 Power Poles	
006774	R8222B1067	SPDT 24V General Purpose, Double Quick Connect, 1 - 3 Power Poles	
006775	R8222D1014	DPDT 24V General Purpose, Double Quick Connect, 1 - 6 Power Poles	

Relays

Hydronic Switching Relays

R8845 Universal Hydronic Switching Relay



- *Enclosed switching relay with internal 24V transformer*
- *(2) SPST, Plus PowerPile® rated low voltage SPST relay (if normally closed contacts are needed, use RA889A)*
- *Replaces Honeywell models: R182A,B,C,J; R482A,B,C,J; R845; R882A,B,C,J and RA832*

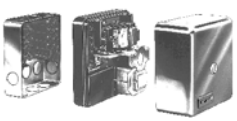
Part #	Mfg #	Description	Price
135224	R8845U1003	Intermediate Switching of Line and Low Voltage Devices from a Line or Low Voltage Controller	

Hydronic Switching Relay

- *Provides intermediate switching of line voltage device from low voltage controller*
- *Integral transformer provides low voltage power for control circuit*
- *Provides DPST switching for hot water zone control systems, or SPST control of two separate loads*
- *Color-coded leadwire for easier wiring*
- *50/60Hz*



RA89



RA832



R845

Part #	Mfg #	Description	Price
006767	RA89A1074	SPST 120V Enclosed 2-Wire for 1-Line Voltage Load	
006766	RA832A1066	DPST 120V Enclosed 2-Wire for 2-Line Voltage Loads	
030533	RA832A1074	DPST 240V Enclosed 2-Wire for 2-Line Voltage Loads	
033261	R845A1030	DPST 120V for Hot Water Zone Control Systems, 2-Wire for 2-Line Voltage Loads	

Transformers

AT72 NEMA Standard Transformer

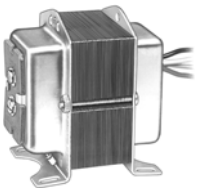
- *24V Control circuit step-down transformer designed to power any 24V control system, including thermostats, gas valves and relays*
- *NEMA Type D, meets NEC Class 2 Not Wet, Class 3 Wet and UL 1585 requirements*
- *Color-coded leadwire for primary connections*
- *9" Leadwire (primary)*
- *Combination mount can be foot-mounted, plate-mounted on 4 x 4", 4" octagon or 2" x 4" electrical boxes (transformer all above or 3/4 above plate) or clamp-mounted via a junction box knockout*



Part #	Mfg #	Output (100 % Factor)	Primary Voltage @ 50/60 Hz	Secondary Voltage (Open Circuit)	Mounting	Electrical Connections Secondary	Price
006714	AT72D1683	40VA	120V	26.5	Combination	(2) Screw Terminals	
006715	AT72D1691	40VA	208/240V	26.5	Combination	(2) Screw Terminals	

Transformers

AT87 NEMA Standard Transformer



- *Used primarily for powering 24V air conditioning circuits*
- *NEMA Type E, meets NEC Class 2 Not Wet, Class 3 Wet and UL 1585 requirements*
- *Overload protection provided*
- *Color-coded leadwire for primary connections*
- *13" Leadwire, built-in protection, primary winding burnout*

Part #	Mfg #	Output (100 % Factor)	Primary Voltage @ 50/60 Hz	Secondary Voltage (Open Circuit)	Mounting	Electrical Connections Secondary	Price
006717	AT87A1106	50VA	120/208/240V	26.5	Foot or 4" x 4" Plate	(2) Screw Terminals	

AT175A Class 2 General Purpose Transformer

- *Color-coded leadwire for primary connections*
- *9" Leads (primary)*
- *Screw terminal secondary*
- *UL Listed, CSA certified*



AT140A



AT175A

Part #	Mfg #	Output (100 % Factor)	Primary Voltage @ 60 Hz	Mounting	Price
006713	AT140A1000	40VA	120V	Universal-Mount (Plate, Foot & K/O)	
098836	AT140A1018	40VA	120/208/240V	Universal-Mount (Plate, Foot & K/O)	
098838	AT175A1008	75VA	120/208/240V	Universal-Mount (Plate, Foot & K/O)	

AT150F/AT175F Circuit Breaker Transformer

- *9" Leads on primary and secondary*
- *Includes circuit breaker button*
- *UL Listed, CSA certified*



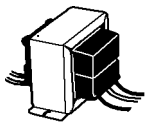
Part #	Mfg #	Output (100 % Factor)	Primary Voltage @ 60 Hz	Mounting	Price
120399	AT150F1022	50VA	120/208/240V	Conduit & Foot-Mount	

Transformers

Transformers

620 Transformer

Foot Mounted Model



Part #	Mfg #	-----Blower----- VA Rating	Voltage (50/60Hz)	Lead Length	Price
044319	620-405	40	120V	8"	

RUUD

Parts & Accessories

Transformer

Part #	Mfg #	Description	Price
107986	46-101496-01	120V-24V 40VA Fused Control Transformer (OEM Mount), Leads with 1/4" Insulated Female Quick Connects	
094838	46-101905-01	208/230V Primary 24V Secondary 40VA Transformer	
094839	46-101944-02	120V Transformer	
145468	46-102856-01	Transformer	
037653	46-22863-04	Transformer	
055227	46-23115-02	208/230V-24V 40VA Transformer (OEM Mount), Leads with Stripped Ends	
020764	46-25107-02	Transformer	
030177	46-25107-03	Transformer	
141189	46-25107-04	120/208/240V-24V 40VA Transformer (Channel Mount - 2-Hole), Leads with Stripped Ends	
141509	46-25107-12	120/208/230/460V-24V 75VA Transformer (Channel Mount - 2-Hole), Leads with Stripped Ends	

BRÄMEC®

Smoke Testers

Smoke Bomb

- *Emits dense oil-free non-toxic smoke*
- *Easily locates leaks in furnaces and ductwork*
- *Non-explosive, packaged in sealed capsules*



Part #	Mfg #	Description	Price
135426	0118	1,060 Cu/Ft, 2-1/2 Min Burn	
135427	0119	2,500 Cu/Ft, 4 Min Burn	

Pressure Regulators

Gas Appliance Pressure Regulators

- *Gasses: natural, manufactured, mixed, liquefied, petroleum and LP gas-air mixtures*
- *Corrosion-resistant construction*

325-3 Lever Acting Pressure Regulator

- *Self-aligning valve with lever action for dead end lockup*
- *Maximum individual load: 100,000 BTUH*
- *Capacity: 150,000 BTUH*
- *Vent pipe connection: 1/8" NPT*
- *Multi-poise mounting*



Part #	Mfg #	Description	Price
124028	325-3L	1/2" Line Reg with 12A09 Installed	

325-5A Lever Acting Pressure Regulator

- *Self-aligning valve with lever action for dead end lockup*
- *Maximum individual load: 250,000 BTUH*
- *Capacity: 300,000 BTUH*
- *Vent pipe connection: 3/8" NPT*
- *Multi-poise mounting*



Part #	Mfg #	Description	Price
138743	325-5AL48	1/2" Line Reg with 12A39 & OPD 48 Installed	
113435	325-5AL48	3/4" Line Reg with 12A39 & OPD 48 Installed	
078926	325-5AL600	3/4" Line Reg with 12A39 & OPD 600 Installed	
124030	325-5AL	1" Line Reg with 12A39 Installed	
138744	325-5AL600	1" Line Reg with 12A39 & OPD 600 Installed	

325-7 Lever Acting Pressure Regulator

- *Self-aligning valve with lever action for dead end lockup*
- *Maximum individual load: 1,250,000 BTUH*
- *Capacity: 1,250,000 BTUH*
- *Vent pipe connection: 1/2" NPT*
- *Multi-poise mounting*



Part #	Mfg #	Description	Price
086239	325-7AL	1-1/4" Line Press Rated Reg with 12A49 Installed	
075957	325-7AL 1-1/2	1-1/2" Line Press Reg Cert. to 2PSI Ansi Z21.80	

Gas Appliance Pressure Regulators Accessories

Vent Limiting Means

- *Automatic vent limiting device*
- *When using, regulator must be mounted in horizontal upright position*
- *12A04 - IAS Certified for 14" wc and European approval, use on RV48, RV52, RV53, RV61*



Part #	Mfg #	Description	Price
134390	12A49	For use with 325-7AL	

Vent Protector

- *Designed for outdoor applications*
- *Protect breather hole from outside elements*
- *Must be mounted in upright position*
- *13A15 - Use in 325-3, 325-3L*
- *13A15-5 - Use in 325-5A, 325-5AL*



Part #	Mfg #	Description	Price
071088	13A15	For 1/8" NPT Vent	
145637	13A25	For 1/2" NPT Vent	

Oil Furnace Accessories

Oil Primary Controls

R8184G Protectorelay® Oil Burner Control



- *Provides automatic, non-recycling control of an intermittent ignition oil burner system*
- *Low volt terminals, line volt leadwire connections and screw*
- *Intermittent ignition, safety switch*
- *120V 60-Cycle or 110V 50-cycle*
- *Mount on 4" x 4" junction box or direct mount on burner housing*
- *With LED for lockout indication and manual trip lever on safety switch to assure burner shutdown during servicing*
- *C554 Cadmium Sulfide Flame Detector and 24VAC thermostat required*

Part #	Mfg #	Description	Price
006771	R8184G4009	45-Second Safety Switch	

R8184M Protectorelay® Oil Burner Control



- *Operates the oil burner and oil valve (if desired) in response to call for heat from a low voltage control circuit*
- *Burner mount, low volt terminals, line volt leadwire connections*
- *Intermittent ignition, 45-second safety switch*
- *120V 60-Cycle, intermittent ignition*
- *40VA Transformer for heat/cool, 0.2A thermostat current*
- *Use with C554*

Part #	Mfg #	Description	Price
006773	R8184M1051	45 Second Safety Switch, 0.2A Anticipator Setting, Use with C554	

RA116/RA117 Protectorelay® Oil Burner Control



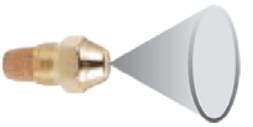
- *1-Piece, stack-mounted oil burner primary controls cycle burner on and shut down burner on flame loss or system malfunction*
- *2- or 3-Wire, includes manual trip safety switch lever*
- *Use with line voltage or 24VAC control circuit*
- *RA116 - Safety switch heater energizes on flame or power failure lockout occurs if flame is not reestablished by end of safety switch timing*

Part #	Mfg #	Description	Price
006764	RA116A1055	360VA, Intermittent Ignition Protectorelay	

Oil Furnace Accessories

Oil Burner Nozzles - Type A Red Vial

- *Hollow cone*
- *Creates stable flame at low flows*



60° Angle Oil Burner Nozzle - Type A

Part #	Mfg #	GPH	Price
007771	0007560A	.75	

70° Angle Oil Burner Nozzle - Type A

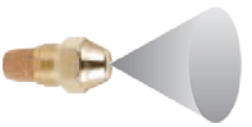
Part #	Mfg #	GPH	Price
007778	0008570A	.85	
007759	0010070A	1.00	

80° Angle Oil Burner Nozzle - Type A

Part #	Mfg #	GPH	Price
007779	0008580A	.85	
007761	0010080A	1.00	
007746	0011080A	1.10	
007751	0012580A	1.25	
007756	0015080A	1.50	

Oil Burner Nozzles - Type B Blue Vial

- *Solid cone*
- *For larger burners & where air pattern is heavy in the center or for long fires*

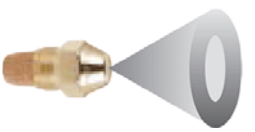


80° Angle Oil Burner Nozzle - Type B

Part #	Mfg #	GPH	Price
007780	0008580B	.85	

Oil Burner Nozzles - Type W Green Vial

- *Neither truly hollow nor solid*
- *Can be used in place of Type A or B Types in reducing specific problems*



80° Angle Oil Burner Nozzle - Type W

Part #	Mfg #	GPH	Price
007770	0006580W	.65	
007781	0008580W	.85	
007747	0011080W	1.10	

Oil Furnace Accessories

Fuel Filters

Replacement Filter Cartridge



- *10 Micron wool felt*
- *Center core bonded to prevent media migration*

Part #	Mfg #	Description	Price
004856	1A-30	Wool Felt - for Filter 1A-25A	

Honeywell

Flame Sensors

C554 Cadmium Sulfide Flame Detector



- *Photoconductive flame sensing device for sequencing oil burner systems*

Part #	Mfg #	Description	Price
006719	C554A1463	60" Lead, A/B/E/J/P Type & Oil Line Mounting Bracket Included	

Condensate Pumps

VCMA Automatic Condensate Pumps

- *Suitable for high-efficiency, gas furnace condensate*
- *Fully automatic*
- *1/2 Gallon leak proof, rustproof, high impact ABS tank*
- *(3) Drain holes*
- *Removable 3/8" barbed check valve*
- *3-Prong plug*
- *Snap-action switch*
- *Stainless steel shaft*
- *Polypropylene impeller*
- *ABS Plastic motor, tank cover and volute*
- *Includes check valve*
- *Optional safety switch*
- *Thermal overload protection*



VCMA Series Condensate Pump less Tubing

- *S Suffix = safety switch*
- *6' Cord*

Part #	Mfg #	Model	Description	Price
005997	554405	VCMA-15ULS	115V, 15' Shut-Off	
005998	554425	VCMA-20ULS	115V, 20' Shut-Off	

VCMX NEXTGen™ Automatic Condensate Pumps

- *Dimensions: 4.8" x 10.2" x 6.5"*
- *Oil resistant tank and check valve to eliminate problem of cracked tanks*
- *1/4-Turn check valve allows servicing without removal of tubing*
- *Patent-pending cooling design*
- *Rubber feet absorb vibration*
- *Thermal overhead protection*
- *External overflow safety switch*
- *External test/run lever*
- *External tank anti-sweat sleeve*
- *Multiple brackets: steel mounting bracket for use on either side of tank*
- *2-Year warranty*



VCMX Series Condensate Pump less Tubing

- *20' Shut-off*
- *6' Cord*

Part #	Mfg #	Model	Description	Price
120046	554530	VCMX-20ULS	115V, Safety Switch	

Electronic Condensate Pumps

- *Maximum flow: 4 gph*
- *Compact 2-piece design allows flexible installation for mini-split A/C units*
- *Self-priming pump can be located up to 3' above reservoir*
- *Suction tubing: 3" x 5/32" ID*
  Vent tubing: 8" x 5/32" ID
  Drain tubing: 3" x 1/2" ID



Part #	Mfg #	Model	Description	Price
053838	553455	EC-400	115V 60Hz	
106971	553458	EC-400	230V 60Hz	

Condensate Pumps

LCU Series Condensate Pump

- *High impact ABS tank*
- *Wall mounts*
- *(3) Intake holes*
- *3/8" OD Outlet*
- *Barbed and threaded discharge connection*
- *Removable check valve*
- *Stainless steel shaft*
- *6' Power cord with ground*
- *Thermally protected*
- *Quiet operation*
- *3-Year warranty*



LCU-SP20S



LCU-15



LCU-20S

Part #	Mfg #	Description	Price
120642	LCU-15	115V, 1/50 hp	
123251	LCU-20S	115V, 1/30 hp, w/Safety Switch	
124593	LCU-SP20S	115V, 1/30 hp, w/Safety Switch, Shallow Pan Design	

Condensate Pumps

ClearVue™ Pump - No Float, No Problem

- *iQ Technology™ to think and adapt to changing conditions*
- *Variable lift*
- *Self-cleaning*
- *Floatless Sensor™*



Part #	Mfg #	Description	Price
143695	IQP-120	Clearvue™ Pump 120V	

Condensate Pumps

White Series - Mini Condensate Pump Kit

- *Surface mounts below evaporator at either end*
- *Resilient mounting minimizes vibration and noise*
- *Cleanable replaceable plastic filter cartridge accepts water treatment tablet*
- *Accepts standard 2/5" drain hose from any mini-split*
- *Extra large reservoir capacity minimizes pump operation*



- *All components clip apart for easy disassembly without tools*
- *Power cable has push-in plug for easy wiring and disconnect*
- *No breather tube required*
- *Reservoir clips out from front for easy removal and replacement*
- *Kit includes:*
  - *Monobloc pump assembly mounting grommets*
  - *Power cable assembly 39"*
  - *In-line fuse*
  - *Wall anchors*
  - *Screws and hose clamp*
  - *Water treatment tablets*
  - *Installation manual*

Part #	Mfg #	Power Supply & Consumption	CTN Weight	Price
141336	ASP-MW-230	230V .11A 16W	1-3/4 lbs	

Condensate Traps

- *Full-flow condensate traps*
- *Each trap is carefully sized, minimizing bothersome clogged trap service calls*
- *Manufactured to demanding standards*



Part #	Mfg #	Description	Price
002271	0356	3/4" Sch 40 PVC P-Trap	
116687	0357	3/4" Sch 40 PVC R-Trap	
116848	16349	1" Sch 40 PVC R-Trap	

Condensate Traps

P-Trap

- *1-Piece 3/4" Sch 40 PVC trap saves fittings and job costs when trapping coil condenser lines*

Part #	Mfg #	Description	Price
027598	867-30	3/4" PVC P-Trap	

Chemicals

Sealants

Furnace Cement



- *Repairs casting cracks and fills voids*
- *For use on coal or wood burning furnaces and stoves*
- *Ready to use, no mixing*
- *Withstands same temperatures as fire brick*

Part #	Mfg #	Description	Price
005542	45050	16 oz Can	
005543	45105	32 oz Can	

Parker

(Furnace Cement)



- *Ready-to-apply, pre-mixed*
- *High temperature refractory cement for installation and repairing furnaces, heaters stoves and boilers*
- *Bonds to cast iron, steel, firebrick and glass*
- *Maximum temperature: 3,000°F*

Part #	Mfg #	Size	Color	Price
004418	1354	1 qt	Gray	

DIVERSITECH

Tape

Scotch 3M Super 33+ Electrical Tape



- *Premium grade, 7 mil all-weather vinyl insulating*
- *Temperature range: 0° to 220°F*

Part #	Mfg #	Size	Price
132145	ET33	3/4" x 66'	

PlumBest
Jones Stephens Corp.

(Tape)

Electrical Tape



- *Individually wrapped*
- *Black vinyl*
- *UL Listed*

Part #	Mfg #	Size	Price
106658	T20-030	3/4" x 60'	

Agri Drain CORPORATION

Amazing! Tile Tape



- *Makes watertight junctions and connections for plastic tubing*
- *Made out of PVC, which provides super stretchability*
- *Properties:*
  - *Tensile strength: 20#/sq inch*
  - *Elongation: 230%*
  - *Dielectric: 8800V*
  - *Thickness: 8 mm*

Part #	Mfg #	Description	Price
127854	BT02ADC	2" x 108' Roll	

Spades & Other Electrical Connectors

Motor Accessories

Wiring Harness



Part #	Mfg #	Description	Price
105788	45-100834-80	Use with Copeland Compressor with Molded Plug Connections Bulk Pack (25/Case)	

Terminals & Connectors

Ring Flag Terminal

Part #	Mfg #	Description	Price
140452	455011	16 - 14 AWG, #10 Stud - SS, 50/Pk	

Quick Connect Flag Terminal

Part #	Mfg #	Description	Price
140454	455014	12 - 14 AWG - SS, 50/Pk	

Quick Connect Compressor Terminal

Part #	Mfg #	Description	Price
140455	455015	12 - 8 AWG, Female, 1/4" Tab - SS, 50/Pk	

Quick Connect Adapter

Part #	Mfg #	Description	Price
140456	455016	.296 Chair Gold Double Male/Single Female Adapter, 50/Pk	
140457	455017	.296 Gold Double Male/Single Female Adapter, 50/Pk	

Spade/Ring Adapter

Part #	Mfg #	Description	Price
140458	455018	.250 Tab, #10 Male Straight - SS, 50/Pk	

Quick Connect Spade Adapter

Part #	Mfg #	Description	Price
140459	455019	.296 Flat Gold Double Male/Single Female, 50/Pk	

Insulated Quick Connect

Part #	Mfg #	Description	Price
140482	455043	22 - 18 AWG, Female, 1/2" Tab - Red, 50/Pk	
140483	455045	#16 - 14, Female, 1/4" Tab - Blue, 100/Pk	
140484	455046	#16 - 14, Female, 1/4" Tab - Blue, 50/Pk	
140485	455047	#16 - 14, Male, 1/4" Tab - Blue, 100/Pk	
140486	455048	#16 - 14, Male, 1/4" Tab - Blue, 50/Pk	
140488	455049	#12 - 10, Female, 1/4" Tab - Safety Yellow, 100/Pk	
140489	455050	#12 - 10, Female, 1/4" Tab - Safety Yellow, 50/Pk	
140490	455051	12 - 10 AWG, Male, Safety Yellow Vinyl, 100/Pk	
140492	455052	16 - 14 AWG, Female with Piggyback, Light Blue Vinyl, 50/Pk	
140562	455089	12 - 10 AWG, Female, 1/4" Flag, 25/Pk	

Terminals & Connectors (Continued)

Insulated Quick Connect

Part #	Mfg #	Description	Price
140564	455091	16 - 14 AWG, Female, 3/16" Tab - Blue, 15/Pk	
140565	455092	#16 - 14, Female, 1/4" Tab - Blue, 15/Pk	
140566	455093	#12 - 10, Female, 1/4" Tab - Safety Yellow, 15/Pk	
140610	455151	16 - 14 AWG, Male, 3/16" Tab - Blue, 25/Pk	
140611	455152	22 - 18 AWG, Male, 1/4" Tab - Red, 50/Pk	

Fully Insulated Quick Connect

Part #	Mfg #	Description	Price
140493	455053	16 - 14 AWG, Male, 1/4" Tab, Blue, 100/Pk	
140602	455143	12 - 10 AWG, Female, 1/4" Tab, Yellow, 100/Pk	
140603	455144	12 - 10 AWG, Male, 1/4" Tab, Yellow, 50/Pk	
140604	455145	16 - 14 AWG, Female, 1/4" Tab, Blue, 100/Pk	
140628	455170	16 - 14 AWG, Female, 1/4" Tab, Blue, 20/Pk	

Twist-On Plastic Wire Connector

Part #	Mfg #	Description	Price
140622	455163	22 - 14 AWG, Blue Wire Connector, 1000/Pk	
140517	455075	22 - 14 AWG, Blue Wire Connector, 50/Pk	
140567	455094	22 - 14 AWG, Blue Wire Connector, 15/Pk	
140631	455173	22 - 14 AWG, Orange Wire Connector, 50/Pk	
140627	455169	18 - 12 AWG, Safety Yellow Wire Connector, 100/Pk	

Closed Connector

Part #	Mfg #	Description	Price
140460	455020	22 - 14 AWG, Clear, 50/Pk	
140461	455021	12 - 10 AWG, Clear, 25/Pk	

Butt Connector

Part #	Mfg #	Description	Price
140608	455149	16 - 14 AWG - SS, 50/Pk	

Insulated Butt Connector

Part #	Mfg #	Description	Price
140478	455038	22 - 18 AWG, Red, 100/Pk	
140479	455039	16 - 14 AWG, Blue, 100/Pk	
140480	455040	16 - 14 AWG, Blue, 50/Pk	
140481	455042	12 - 10 AWG, Safety Yellow, 50/Pk	
140518	455076	22 - 18 AWG, Red, 15/Pk	
140520	455078	16 - 14 AWG, Blue, 15/Pk	
140563	455090	12 - 10 AWG, Safety Yellow, 15/Pk	
140630	455172	12 - 10 AWG, Safety Yellow, 100/Pk	

Spades & Other Electrical Connectors

Ring Terminal

Part #	Mfg #	Description	Price
140451	455010	8 AWG, 1/4" Non-Insulated Ring, 25/Pk	
140521	455080	12 - 14 AWG, Non-Insulated High Heat, #10 Stud - SS, 50/Pk	

Insulated Ring Terminal

Part #	Mfg #	Description	Price
140463	455024	16 - 14 AWG, #6 Stud - Blue, 100/Pk	
140464	455025	16 - 14 AWG, #6 Stud - Blue, 50/Pk	
140465	455026	16 - 14 AWG, #10 Stud - Blue, 100/Pk	
140466	455027	16 - 14 AWG, #10 Stud - Blue, 50/Pk	
140469	455030	12 - 10 AWG, #10 Stud - Safety Yellow, 100/Pk	
140470	455031	12 - 10 AWG, #10 Stud - Safety Yellow, 50/Pk	
140471	455032	12 - 10 AWG, 5/16" - Safety Yellow Vinyl, 50/Pk	
140472	455033	8 - 10 AWG, 1/4" Stud - Red, 50/Pk	
140605	455146	8 AWG, 1/4" Stud - Red, 50/Pk	
140606	455147	8 AWG, 1/4" Stud - Red, 25/Pk	
140607	455148	12 - 10 AWG, 1/4" Stud - Yellow, 100/Pk	
140613	455154	16 - 14 AWG, #8 Stud - Blue, 100/Pk	
140614	455155	16 - 14 AWG, 1/4" Stud - Blue, 100/Pk	

Insulated Spade Terminal

Part #	Mfg #	Description	Price
140516	455074	16 - 14 AWG, #8 Stud - Blue Flared, 50/Pk	
140474	455034	16 - 14 AWG, #8 Stud - Blue Flared, 15/Pk	
140475	455035	16 - 14 AWG, #10 Stud - Blue Vinyl, 100/Pk	
140476	455036	12 - 10 AWG, #8 Stud - Blue Vinyl, 25/Pk	
140477	455037	12 - 10 AWG, #10 Stud - Blue Vinyl, 25/Pk	

Compressor Lead Set

Part #	Mfg #	Description	Price
140498	455059	10 AWG, #10 Ring Terminal & 10" Butt Connectors	

Strip-Tie

Part #	Mfg #	Description	Price
140467	455028	12" Black Hook & Loop Fastener with Buckle, 6/Pk	
140468	455029	12" Safety Yellow Hook & Loop Fastener with Buckle, 6/Pk	

Motor Hook-Up Wire

Part #	Mfg #	Description	Price
140522	455081	10 AWG, Black, 8'	
140600	455141	10 AWG, Blue, 8'	
140555	455082	10 AWG, Red, 8'	
140601	455142	10 AWG, White, 8'	
140556	455083	12 AWG, Black, 12'	
140597	455138	12 AWG, Blue, 12'	

Spades & Other Electrical Connectors

Terminals & Connectors (Continued)

Motor Hook-Up Wire

Part #	Mfg #	Description	Price
140557	455084	12 AWG, Red, 12'	
140598	455139	12 AWG, White, 12'	
140558	455085	14 AWG, Black, 15'	
140595	455136	14 AWG, Blue, 15'	
140599	455140	14 AWG, Green, 15'	
140559	455086	14 AWG, Red, 15'	
140596	455137	14 AWG, White, 15'	
140560	455087	16 AWG, Black, 16'	
140561	455088	16 AWG, Red, 16'	
140594	455135	16 AWG, White, 16'	

Metal Box for Electrical Connectors

Part #	Mfg #	Description	Price
140616	455157	14" x 9-1/4" x 2", 21 Compartment	

Monti & Associates

Terminal Kits

Serviceman's Terminal Kit

- *Consists of 175 assorted insulated and non-insulated items that are often used to service air conditioning, refrigeration and cooling units*



Part #	Mfg #	Description	Price
111395	MA02652-2	Heavy-Duty Molded Plastic Case	

RUUD

Terminals & Connectors

Connector Kit

Part #	Mfg #	Description	Price
140444	86-6966F-1PK	665-Piece Professional HVAC Connector Kit	

Terminal

Part #	Mfg #	Description	Price
092116	86-QT2910	Qwiklug Terminal Repair Kit	

Wire Ties & Connectors

Wire Ties

Stainless Steel Wire Tie

Part #	Mfg #	Description	Price
140499	455060	7.5", 250 lb Tensile Strength, 50/Pk	
140500	455061	14.5", 250 lb Tensile Strength, 50/Pk	

Nylon Wire Tie

Part #	Mfg #	Description	Price
140502	455063	4" Natural, 100/Pk	
140503	455064	4" UV Black, 100/Pk	
140504	455065	5.5" Natural, 100/Pk	
140506	455066	5.5" UV Black, 100/Pk	
140507	455067	7.5" Natural, 100/Pk	
140508	455068	7.5" UV Black, 100/Pk	
140509	455069	11.5" Natural, 100/Pk	
140510	455070	11.5" UV Black, 100/Pk	
140513	455071	14.5" Natural, 100/Pk	
140514	455072	14.5" UV Black, 100/Pk	
140515	455073	7.5" UV Black, Screw Mount-Heat, 100/Pk	

Heat Shrink

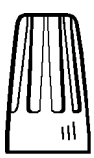
Heat Shrink Tubing

Part #	Mfg #	Description	Price
140501	455062	Assortment: (5) 1/4", (4) 3/16", & (3) 3/8"	
140612	455153	Rainbow Assortment: (5) 1/4", (4) 3/16", & (3) 3/8"	

BRÄMEC®

Wire Connectors

Screw-On Wire Connector



- *Color-coded connector shells*
- *Heat resistant up to 221°F*
- *Resists practically all chemical action*
- *Unaffected by gasoline, oils, diluted acids and alkaline solutions*

Part #	Mfg #	Description	Price
139015	8651	Blue, #22 - #14 AWG, Min 3 #22, Max 2 #16, 300V	
139016	8652	Orange, #22 - #14 AWG, Min 3 #22, Max 3 #16 & 1 #18, 600V	
139017	8653	Yellow, #18 - #12 AWG, Min 1 #14 & 1 #18, Max 2 #14 & 3 #16, 600V	

Capacitors

Capacitors

SwitchCap™ Dual Multiple Value Capacitor



- *(1) Unit covers most HVAC applications*
- *Capacitance value are selected by built-in switches, no jumpers to get lost or connected improperly*
- *Rugged PC-ABS housing can't corrode like metal can caps and offers superior insulation resistance*
- *Epoxy encapsulated – superior resistance to moisture and vibration*
- *Built-in hang tabs-easy mounting with sheet metals screws*
- *Easy set-up, (8) switches select (128) values*
- *Ranges:*
  - *Fan 3.0 to 10.5 mfd 450VAC*
  - *Herm 15 to 60 mfd 450VAC*

Part #	Mfg #	Description	Price
150840	SCAP-60D	450VAC RMS Continuous @ 50/60Hz	

PROTECH

Capacitors

Dual Round Capacitor



Part #	Mfg #	Microfarad	Volts	Price
103724	43-25133-01	25/3mfd	370V	
078956	43-25133-02	30/3mfd	370V	
096155	43-25133-21	30/5mfd	370V	
096131	43-25133-03	35/3mfd	370V	
096156	43-25133-35	35/5mfd	370V	
086414	43-25133-04	40/3mfd	370V	
096698	43-25133-22	40/5mfd	370V	
113923	43-26261-09	40/5mfd	370V	
086403	43-25133-05	45/3mfd	370V	
086404	43-25133-06	45/5mfd	370V	
113731	43-26261-48	45/10mfd	370V	
086405	43-25133-07	50/3mfd	370V	
078757	43-25133-25	50/5mfd	370V	
142501	43-25133-28	55/3mfd	370V	
086406	43-25133-08	55/5mfd	370V	
096159	43-25133-29	55/10mfd	370V	
086409	43-25133-09	60/3mfd	370V	
036187	43-25133-10	60/5mfd	370V	
103773	43-25133-31	60/10mfd	370V	
086411	43-25133-32	70/5mfd	370V	

Capacitors (Continued)

Dual Round Capacitor

Part #	Mfg #	Microfarad	Volts	Price
103775	43-26271-47	70/10mfd	370V	
080910	43-25133-33	80/5mfd	370V	
096161	43-25133-34	80/10mfd	370V	
086340	43-25133-11	35/3mfd	440V	
087300	43-25133-12	35/5mfd	440V	
072615	43-25133-14	40/5mfd	440V	
133921	43-25133-16	45/5mfd	440V	
133922	43-25133-26	50/5mfd	440V	
072616	43-25133-17	55/5mfd	440V	
086410	43-25133-30	60/5mfd	440V	
096160	43-26271-45	60/10mfd	440V	

Dual Oval Capacitor

- *Certified to the highest level of UL 810*
- *Tested and approved for 5,000 AFC*



Part #	Mfg #	Microfarad	Volts	Price
063489	43-25135-03	35/5mfd	370V	
098888	43-25135-19	40/3mfd	370V	

Single Round Capacitor



Part #	Mfg #	Microfarad	Volts	Price
142502	43-25136-01	3mfd	370V	
142503	43-25136-02	4mfd	370V	
142505	43-25136-03	5mfd	370V	
142506	43-25136-04	6mfd	370V	
082669	43-25136-05	7.5mfd	370V	
094857	43-25136-06	10mfd	370V	
094858	43-25136-07	12.5mfd	370V	
074119	43-25136-08	15mfd	370V	
094861	43-25136-09	20mfd	370V	
142509	43-25136-10	25mfd	370V	
125108	43-25136-11	30mfd	370V	
095766	43-25136-12	35mfd	370V	
105798	43-25136-13	40mfd	370V	
142510	43-25136-14	45mfd	370V	

Capacitors (Continued)

Single Round Capacitor

Part #	Mfg #	Microfarad	Volts	Price
142513	43-25136-15	55mfd	370V	
142514	43-25136-16	60mfd	370V	
113922	43-25136-18	80mfd	370V	
142515	43-25136-19	90mfd	370V	
132363	43-25136-32	40mfd	440V	
117432	43-25136-33	45mfd	440V	
142512	43-25136-34	50mfd	440V	

Single Oval Capacitor



Part #	Mfg #	Microfarad	Volts	Price
022868	43-25134-01	3mfd	370V	
058909	43-25134-27	4mfd	370V	
022869	43-25134-02	5mfd	370V	
141512	43-25134-28	6mfd	370V	
017773	43-25134-03	7.5mfd	370V	
020049	43-25134-04	10mfd	370V	
020740	43-25134-05	12.5mfd	370V	
030139	43-25134-06	15mfd	370V	
141513	43-25134-07	20mfd	370V	
141514	43-25134-08	25mfd	370V	
141515	43-25134-09	30mfd	370V	
141516	43-25134-10	35mfd	370V	
141517	43-25134-12	40mfd	370V	
141518	43-25134-17	45mfd	370V	
141519	43-25134-18	50mfd	370V	
141520	43-25134-19	55mfd	370V	
141521	43-25134-29	60mfd	370V	
141522	43-25134-30	70mfd	370V	
141523	43-25134-31	80mfd	370V	

Start Capacitor

- *Phenolic case*
- *15 Ohm Bleed resistor*



Part #	Mfg #	Microfarad	Volts	Price
009293	43-17075-03	135-155mfd	330V	

Capacitors (Continued)

Start Capacitor

Part #	Mfg #	Microfarad	Volts	Price
009294	43-17075-04	88-106mfd	330V	
009295	43-17075-05	189-227mfd	330V	
024251	43-17075-07	270-324mfd	330V	

RUUD

Capacitors

Turbo® 200 MINI Capacitor



Part #	Mfg #	Description	Price
106682	439102	2.5 - 12.5mfd	

Turbo® 200 Capacitor



Part #	Mfg #	Description	Price
106680	439100	Control Volts 370-440	

Turbo® 200X Capacitor



Part #	Mfg #	Description	Price
106681	439101	2.5 - 97.5mfd	

Duct Insulation & Adhesives

Duct Liner Insulation Adhesives

Insta-Tack™ Insulation Adhesive

- *Instant-tacking, solvent-based spray booth application*
- *UL Classified*



Part #	Mfg #	Size	Color	Price
124942	308591	1 gal	Red	

Insulation

Duct Liner

Part #	Mfg #	Size	Price
058537		1/2" x 59" x 100'	

Black Duct Liner

Part #	Mfg #	Size	Price
005629	3010031	1/2" x 47" x 100'	
141887	3010033	1/2" x 59" x 100'	
005631	3010005	1" x 47" x 100'	

HARDCAST DUCT SEALANTS & INSULATION ADHESIVES CARLISLE

Mastic Duct Sealants

Duct-Seal™ 321

- *Indoor/outdoor use*
- *Water-based*
- *All pressure classes*
- *UL Classified*



Part #	Mfg #	Size	Color	Price
094151	DS-321	1 gal	Gray	

Insulation

Foil Duct Wrap

Foil Duct Wrap - R4.2

Part #	Size	Price
005622	1-1/2" x 48" x 100'	

Foil Duct Wrap - R6

Part #	Size	Price
131777	2" x 48" x 75'	

Foil Duct Wrap - R8

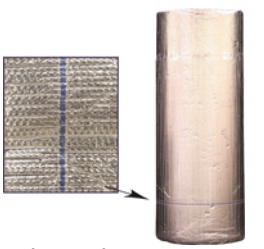
Part #	Size	Price
094791	3" x 48" x 50'	

tvm BUILDING PRODUCTS

Reflective Insulation

Reflective Duct Insulation

- *Double layer of polyethylene bubbles sandwiched between two highly reflective surfaces*
- *Three methods of installation that will yield thermal resistances of R-4.3, R-5.5 and R-6.0*
- *Class 1/Class A in accordance with ASTM E84 fire test standard*
- *Vapor barrier*
- *Inhibits condensation, mold and fungi growth*
- *Non-toxic and non-carcinogenic*
- *Reflects 94% of radiant heat*



Part #	Mfg #	Description	Price
098392	2290-48-100	48" x 100' Insulation	

R-Foil Insulation

Under Concrete Products

Ultra CBF Concrete Barrier

- *Patented under-concrete insulation product comprised of a highly reflective sheet sandwiched between two layers of industrial strength polyethylene bubbles*
- *Protects the reflective surface from corrosive chemicals and ensures that an airspace is maintained for optimum thermal performance*
- *Can easily be installed over rough grade*
- *Methane, radiant and vapor barrier all-in-one*
- *Helps direct radiant heat into the living space*
- *Duct wrap for below-grade HVAC*



Part #	Mfg #	Description	Price
067234	1620-48-125	48" x 125' Concrete Barrier	

Insulation

Fiberglass Pipe Covering

Part #	Mfg #	Size	Price
005607	3001000	1/2" x 1/2"	
005613	3001001	5/8" x 1/2'	
005611	3001002	3/4" x 1/2"	
005604	3001003	1" x 1/2"	
005606	3001004	1-1/4" x 1/2"	
005605	3001005	1-1/2" x 1/2"	
005608	3001006	2" x 1/2"	
005640	3001110	3" x 1"	

DURO DYNE

Insulation Fasteners

DynaStick Self-Adhesive Hanger with Steel Washer



Part #	Mfg #	Size	Pack	Price
005633	26071	2"	100	

Standard Bangers™



Part #	Mfg #	Size	Pack	Price
005637	BGT-12	1/2" - 2 lbs	1,000	

HARDCAST DUCT SEALANTS & INSULATION ADHESIVES CARLISLE

Insulation Fasteners

Weld-Ons™



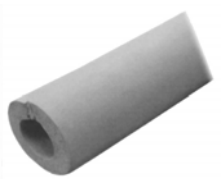
Part #	Mfg #	Size	Qty	Price
132418	308119	1/2" Flat Head	5,000/Box	
132419	308120	3/4" Flat Head	5,000/Box	

PlumBest Jones Stephens Corp.

Pipe Insulation

Seamless Rubber Pipe Insulation

- *Environmentally friendly*
- *Tough skin withstands tearing, rough handling and severe environmental conditions*
- *CFC-Free*
- *Color: black with blue ink*
- *Flexible*



Part #	Mfg #	Copper (IPS/PVC)	Wall	Price
015045	I60-038	3/8" OD	3/8"	
013153	I60-050	1/2" OD (1/4")	3/8"	
015580	I60-058	5/8" OD (3/8")	3/8"	
014724	I60-075	3/4" OD	3/8"	
015774	I60-078	7/8" OD (1/2")	3/8"	
013018	I60-118	1-1/8" OD	3/8"	
013450	I60-138	1-3/8" OD	3/8"	
013631	I60-158	1-5/8" OD (1-1/4")	3/8"	
012476	I60-200	2" OD (1-1/2")	3/8"	
014204	I60-218	2-1/8" OD	3/8"	

Rubber Pipe Insulation

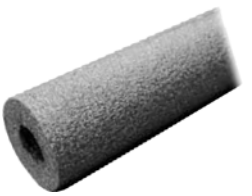
Pipe Insulation (Continued)

Seamless Rubber Pipe Insulation

Part #	Mfg #	Copper (IPS/PVC)	Wall	Price
013841	I60-250	2-1/2" OD (2")	3/8"	
014278	I60-258	2-5/8" OD	3/8"	
014511	I60-318	3-1/8" OD	3/8"	
014366	I60-350	3-1/2" OD (3")	3/8"	
092086	I61-058	5/8" OD (3/8")	1/2"	
092578	I61-078	7/8" OD	1/2"	
092579	I61-118	1-1/8" OD	1/2"	
126912	I61-158	1-5/8" OD (1-1/4")	1/2"	
143431	I61-218	2-1/8" OD	1/2"	
126909	I61-250	2-1/2" OD (2")	1/2"	
074497	I61-358	3-5/8" OD	1/2"	
122310	I61-450	4-1/2" OD (4")	1/2"	
173788	I62-058	5/8" IPS	3/4"	
173789	I62-075	3/4" IPS	3/4"	
173790	I62-078	7/8" IPS	3/4"	
173791	I62-118	1-1/8" IPS	3/4"	
173792	I62-138	1-3/8" IPS	3/4"	
173793	I62-158	1-5/8" IPS	3/4"	
173795	I62-200	1-1/2" IPS	3/4"	
173796	I62-218	2-1/8" IPS	3/4"	
173797	I62-250	2" IPS	3/4"	
173798	I62-258	2-5/8"	3/4"	
173911	I62-350	3" IPS	3/4"	

Double Stick Pipe Insulation

- *Complete seal assured on hot or cold water pipes*
- *(2) Strips of self-adhesive mylar seal easily at any length*
- *100% Closed cell polyethylene*
- *Temperature range: -160° to 200°F*



Part #	Mfg #	Size	Wall	Price
015579	I52-058	5/8" Nom ID	3/8"	
013449	I52-138	1-3/8" Nom ID	3/8"	
055569	I52-158	1-5/8" Nom ID	3/8"	
101687	I52-178	2" Nom ID	3/8"	
045207	I52-218	2-1/8" Nom ID	3/8"	
142337	I52-238	2-3/8" Nom ID	3/8"	
086331	I52-258	2-5/8" Nom ID	3/8"	
072530	I52-318	3-1/8" Nom ID	3/8"	
063925	I53-312	3-1/2" Nom ID	1/2"	
140583	I53-418	4-1/8" Nom ID	1/2"	
032093	I53-412	4-1/2" Nom ID	1/2"	

Insulation Contact Adhesives

- *Fast tack*
- *Brush top cans*
- *For use with rubber insulation only*



Part #	Mfg #	Size	Price
005643	IA1100	1 Pt	

BRAMEC®

Insulation Tape

Cork Insulation Tape

- *Adheres firmly to all metals*
- *Can be used on hot and cold pipes*
- *Won't dry or crack*
- *Stops condensation and drips*



Part #	Mfg #	Description	Price
002287	1006	1/8" x 2" x 30' Roll	

Foam Insulation Tape

- *Self-adhesive tape*
- *Easily cut and molded*
- *Works on both hot and cold pipes, valves and fittings*



Part #	Mfg #	Description	Price
002288	1007	1/8" x 2" x 30' Roll	

Insulation

Insulation Accessories

ASJ White Tape for Fiberglass

Part #	Mfg #	Size	Price
087593	3043052	3" x 50 yds	

FSK Tape for Foil Wrap

Part #	Mfg #	Size	Price
010342	3043040	3" x 50 yds	

Insulation Tape

Polyken Pipeline Accessory Products

Polyken 826 Joint and Pipe Wrap Tape

- *12 mil Thickness*
- *Tensile strength: 25 lb/in*
- *Polyethylene joint and pipe wrap*
- *Use Polyken primer for surface prep*
- *Corrosion protection for use interior, exterior and in-ground of small diameter pipe*



Part #	Mfg #	Size	Color	Price
010352	826	2" x 100'	Black	

Cleaners

Hand Cleaners

Klein Kleaners® Hand Cleaning Towels

- *Pre-moistened towels*
- *Powerful, gentle, pumice like cleansing action*
- *No rinsing, no drying, no residue*
- *10-1/2" x 12-1/4"*



Part #	Mfg #	Description	Price
125643	51425	(72) Count Tub	

HARVEY SINCE 1944

(Hand Cleaners)



38156

Part #	Mfg #	Description	Price
041715	38050	Towels-In-A-Tub, Resealable	
017668	38156	Plumb Label Power Scrub	

Cit-Grit Hand Cleaner

- *Natural citrus formula, biodegradable*
- *Contains aloe, lanolin and jojoba oil*
- *Flip-top spout plastic bottle*



Part #	Mfg #	Description	Price
005539	038125	15 fl oz	

AQUA GLASS

Aqua Glass Cleaners



Part #	Mfg #	Description	Price
005947	KRC7-16	16 oz Fiberglass Cleaner	

Nu-Calgon

Ice Machine Maintenance

Nickel-Safe Ice Machine Cleaner

- *For removing scale deposits on nickel-plated or tin-plated evaporators*
- *USDA Approved*



Part #	Mfg #	Description	Price
133631	4287-34	16 fl oz	

Cleaners

Gel-Gloss® Cleaner

- *Contains non-harmful abrasive cleaning agents that remove surface oxidation and light scratches while leaving behind a protective carnauba wax coating*
- *Cleans, protects and restores luster while providing a long lasting protective finish*

Part #	Mfg #	Description	Price
120346	GA-12	12 oz, Aerosol	

Gel-Gloss® No-Streek Glass & Silver Polish Cleaner

- *Contains silicone and protects like a wax*
- *Wipe it on, allow it to dry to a haze and polish it off*
- *Cleaner works aggressively on hard water spots and tough residue*
- *Beads water and leaves behind a protective coating*

Part #	Mfg #	Description	Price
141442	NS-8	1/2 pt	

Lubricants

ProTool Lube®

- *Extends tool life*
- *Synthetic blend for cutting, milling, reaming, tapping and drilling metal, wood and plastics*
- *Water-soluble*
- *Biodegradable and non-toxic*
- *Flip-top bottle*



Part #	Mfg #	Description	Price
024971	68040	6 oz Bottle Countertop Merchandiser, 12-Pack	

DIVERSITECH

Lubricants

Pull-A-Spout Oiler

- *All purpose oiler*
- *14" Telescoping spout*



Part #	Mfg #	Size	Price
002300	CO-1	4 oz	

Rust Breaker

- *Loosens rusted bolts, screws, shafts, piping etc*
- *Telescoping spout applicator*



Part #	Mfg #	Size	Price
002299	CR-1	4 oz	

HARVEY SINCE 1944

Pipe Joint Lubricant

Plumber's Faucet & Valve Grease

- *Waterproof*
- *Resists high temperature*
- *Frees sticky faucets, prevents rust*
- *Use on hot water or steam up to 350°F*



Part #	Mfg #	Description	Price
029140	050050-12	1 oz Tube	

Sioux Chief

Lubricants

Silicone Lubricant

- *For o-rings and valve stems*
- *Dow 111 silicone lube*



Part #	Mfg #	Description	Price
060945	963-01	1/4 oz Tub	

PlumBest Jones Stephens Corp.

WD-40® Lubricants

- *Cleans, lubricates, displaces moisture*
- *Penetrates stuck metal parts*
- *Protects against rust and corrosion*



Part #	Mfg #	Size	Price
045103	S95-700	8 oz	

M12™ Lithium-Ion Cordless Tools

M12™ Cordless 3/8" Right Angle Drill Driver Kit



- *No load speed: 0 to 800 rpm*
- *Clutch settings: 11+ Drill*
- *Chuck type: 3/8" single sleeve*
- *Head length/weight: 3-3/4"/2.4 lbs*
- *Includes:*
  - *M12™ 3/8" Right angle drill driver*
  - *M12™ Lithium-Ion battery*
  - *30-Minute charger*
  - *Soft carrying case*
- *5-Year warranty*

Part #	Mfg #	Description	Price
137547	2415-21	100 in-lbs Torque	

M12™3/8" Hammer Drill/Driver Kit



- *Delivers up to 275 in lbs of torque*
- *On-board battery fuel gauge displays remaining run time*
- *New ergonomic handle design for increased comfort*
- *Metal ratcheting chuck for maximum durability*
- *Includes:*
  -(1) M12™ 3/8" Hammer Drill/Driver (2408-20)
  -(2) M12™ REDLITHIUM™ Battery (48-11-2401)
  -(1) M12™ Lithium-ion battery charger (48-59-2401)
  -(1) Belt clip
  -(1) Carrying case

Part #	Mfg #	Description	Price
161649	2408-22	M12™ 3/8" Hammer Drill/Driver Kit	

M12™ Cordless 3/8" Drill Driver



- *All metal locking chuck*
- *2-Speed all metal gear box*
- *No load speed: 0 to 400/0 to 1,500 rpm*
- *Clutch settings: 11+ drill*
- *Chuck type: 3/8" single sleeve*
- *Torque: 275 in-lbs*
- *Kit includes:*
  - *M12™ Drill driver (2410-20)*
  - *(2) 12V Lithium-Ion batteries*
  - *30-Minute charger*
  - *Soft carrying case*
- *5-Year warranty*

Part #	Mfg #	Description	Price
137548	2410-22	Drill Driver Kit	

M12™ Cordless 3/8" Hammer Drill Driver



- *7-5/8" Length, 2.8 lbs*
- *2-Speed metal gear box: 0 to 400/0 to 1,500 rpm*
- *3/8" Metal single sleeve ratcheting chuck*
- *On-board fuel gauge*
- *Built-in LED light*
- *Torque: 275 in-lbs*
- *Kit includes:*
  - *M12™ 3/8" Hammer drill driver (2411-20)*
  - *(2) M12™ REDLITHIUM™ Batteries*
  - *30-Minute charger*
  - *Carrying case*

Part #	Mfg #	Description	Price
137549	2411-22	Hammer Drill Driver Kit	

M12™ Cordless Rotary Tool



- *Includes:*
  - *M12™ Rotary tool (2460-20)*
  - *(1) REDLITHIUM™ Battery (48-11-2401)*
  - *(5) Cutting wheels, mandrel*
  - *Wrench*
  - *30-Minute charger*

Part #	Mfg #	Description	Price
144497	2460-21	12V	

M12™ 1/4" Hex 2-Speed Screwdriver Kit



- *Delivers up to 275 in-lbs of torque*
- *On-board battery fuel gauge displays remaining run time*
- *New ergonomic handle design for increased comfort*
- *1/4" Hex quick change chuck for one-handed bit changes*
- *Includes:*
  -(1) M12™ 1/4" Hex 2-speed screwdriver (2406-20)
  -(2) M12™ REDLITHIUM™ battery (48-11-2401)
  -(1) M12™ Lithium-ion battery charger (48-59-2401)
  -(1) Belt clip
  -(1) Carrying case

Part #	Mfg #	Description	Price
162004	2406-20	M12™ 1/4" Hex 2-Speed Screwdriver Tool Only	
162003	2406-22	M12™ 1/4" Hex 2-Speed Screwdriver Kit	

Milwaukee Power Tools

M12™ Cordless Screwdriver



- *Quick one-handed bit-loading*
- *Variable speed trigger*
- *No load speed: 0 to 500 rpm*
- *Includes:*
  - *M12™ Screwdriver (2401-20)*
  - *(2) 12V Lithium-Ion batteries*
  - *12V Charger*
  - *Compact driver storage bag*
- *5-Year warranty*

Part #	Mfg #	Description	Price
137546	2401-22	100 in-lbs Torque	

M12™ 3/8" Drill/Driver Kit



- *Delivers up to 275 in-lbs of torque*
- *On-board battery fuel gauge displays remaining run time*
- *Metal ratcheting chuck for maximum durability*
- *Includes:*
  -(1) M12™ 3/8" Drill/Driver (bare tool) (2407-20)
  -(1) M12™ REDLITHIUM Battery (48-11-2401)
  -(1) M12™ Lithium-ion battery charger (48-59-2401)
  -(1) Belt clip
  -(1) Carrying case

Part #	Mfg #	Description	Price
162001	2407-20	3/8" Drill/Driver Tool Only	
162000	2407-22	3/8" Drill/Driver Kit	

M12™ Cordless 1/4" Hex Impact Driver



- *Battery fuel gauge displays remaining run-time*
- *Built-in LED light illuminates work surface*
- *Tool weight: 2.3 lbs*
- *No load speed: 0 to 2,000 rpm*
- *Torque: 850 in-lbs*
- *Kit includes:*
  - *M12™ 1/4" Hex impact driver (2450-20)*
  - *(2) Lithium-Ion batteries*
  - *12V Charger*
  - *Carrying case*
- *5-Year warranty*

Part #	Mfg #	Description	Price
137551	2450-22	Impact Driver Kit	

M12™ 1/4" Hex Impact Driver Kit



- *Milwaukee impact mechanism delivers 1,000 in-lbs of torque*
- *0-2,500 RPM for increased fastening speed*
- *On-board battery fuel gauge displays remaining run time*
- *Includes:*
  -(1) M12™ 1/4" Hex impact driver (2462-20)
  -(1) M12™ REDLITHIUM™ battery (48-11-2401)
  -(1) M12™ Lithium-ion battery charger (48-59-2401)
  -(1) Belt clip
  -(1) Carrying case

Part #	Mfg #	Description	Price
160215	2462-20	1/4" Impact Driver Tool Only	
160216	2462-22	1/4" Impact Driver Kit	

M12™ 1/4" Impact Wrench Kit



- *Lightweight, compact design allows for fastening in tight space*
- *New ergonomic handle design for increased comfort*
- *On-board battery fuel gauge displays remaining run time*
- *1/4" anvil with friction ring for fast and easy socket changes*
- *Includes:*
  -(1) M12™ 1/4" Impact wrench (2461-20)
  -(2) M12™ REDLITHIUM™ battery (48-11-2401)
  -(1) M12™ Lithium-ion battery charger (48-59-2401)
  -(1) Belt clip
  -(1) Carrying case

Part #	Mfg #	Description	Price
162010	2461-20	1/4"Impact Wrench Tool Only	
162009	2461-22	1/4" Impact Wrench Kit	

Milwaukee Power Tools

M12™ 3/8" Impact Wrench Kit



- *Milwaukee impact mechanism delivers 1,200 in-lbs of torque*
- *New ergonomic handle design for increased comfort*
- *On-board battery fuel gauge displays remaining run time*
- *3/8" anvil with friction ring for fast and easy socket changes*
- *Includes:*
  -(1) M12 ™ 3/8" Impact wrench (2463-20)
  -(2) M12™ REDLITHIUM™ battery (48-11-2401)
  -(1) M12™ Lithium-ion battery charger (48-59-2401)
  -(1) Belt clip
  -(1) Carrying case

Part #	Mfg #	Description	Price
162008	2463-20	3/8" Impact Wrench Only	
162006	2463-22	3/8" Impact Wrench Kit	

M12™ Cordless 1/4" Ratchet



- *Torque: 30 ft-lbs*
- *Speed: 250 rpm*
- *Anvil: 1/4" ball detent*
- *Kit includes:*
  - *M12™ 1/4" Ratchet (2456-20)*
  - *(1) M12™ REDLITHIUM™ battery*
  - *30-Minute charger*
  - *Carrying case*

Part #	Mfg #	Description	Price
143703	2456-21	Ratchet Kit	

M12™ Cordless 3/8" Ratchet



- *Torque: 35 ft-lbs*
- *Speed: 250 rpm*
- *Anvil: 3/8" ball detent*
- *Kit includes:*
  - *M12™ 3/8" Ratchet (2457-20)*
  - *M12™ REDLITHIUM™ Battery*
  - *3/8" to 1/4" Adapter*
  - *30-Minute charger*
  - *Carrying case*

Part #	Mfg #	Description	Price
143706	2457-20	Ratchet Tool Only	

M12™ M-Spector 360™ Rotating Inspection Scope



- *Rotating display allows user to orient the image without having to fight the cable*
- *640 x 480 Digital image sensor*
- *(4) LED lights*
- *Display: 2.7" LCD*
- *9mm Aluminum head*
- *3' Cable*
- *Includes:*
  - *M-Spector 360™ console*
  - *M12™ REDLITHIUM™ battery*
  - *30 Minute charger*
  - *Hook, magnet and mirror attachments*
  - *Carrying case*

Part #	Mfg #	Description	Price
148602	2313-21	Inspection Scope	

M12™ Cordless ProPEX® Expansion Tool Kit



- *Speed: 60 SPM*
- *Head rotation: built-in auto-rotator*
- *Head compatibility: 3/8" to 1" M12™/Uponor®*
- *LED Light*
- *Includes:*
  - *(2) Lithium-Ion batteries*
  - *1/2" Expansion head*
  - *3/4" Expansion head*
  - *1" Expansion head*
  - *Grease*
  - *Carrying case*
- *5-Year warranty*

Part #	Mfg #	Description	Price
135837	2432-22	3/8" - 1" Capacity	

Milwaukee Power Tools

M12™ Hackzall™ Cordless Reciprocating Saw

- *11" Long and 2.6 lbs for cutting in tight spaces*
- *1/2" Stroke, 0 to 3,000 strokes per minute*
- *Keyless QUIK-LOK™ blade clamp allows for quick and easy blade changes*
- *All-metal gear case*
- *Variable speed trigger*
- *Battery fuel gauge displays remaining run-time*



- *Accepts both Hackzall™ and Sawzall® style blades*
- *Built-in LED light illuminates work surface*
- *21 & 22 Suffixes include:*
  - *Hackzall™ (2420-20)*
  - *30-Minute charger*
  - *(2) Hackzall™ blades*
  - *Carrying case*
- *5-Year warranty*

Part #	Mfg #	Description	Price
146874	2420-20	Saw Only	
137550	2420-21	Includes (1) M12™ Battery	

M12™ Cordless PVC Shear Kit

- *Ultra sharp blade with pierce point*
- *Offset blade cuts PVC/PEX in-wall, in-ground, or close to wall*
- *Quick return blade*
- *All metal planetary drive*
- *Stainless steel blade and aluminum jaw*
- *Impact, water and rust resistant*



- *Variable speed trigger*
- *On board fuel gauge - displays remaining run-time*
- *Torque: 1,900 in-lbs*
- *Includes:*
  - *M12™ Cordless PVC shear (2470-20)*
  - *(1) Lithium-Ion battery*
  - *30-Minute charger*
  - *Carrying case*
- *5-Year warranty*

Part #	Mfg #	Description	Price
137552	2470-21	2" PVC Capacity	

M12™ Jobsite Radio

- *Digital reception with signal processor*
- *1/8" Stereo jack auxiliary input*
- *Includes:*
  - *Jobsite radio*
  - *Auxiliary input cord*
  - *AC Adapter*
  - *(2) AAA Batteries for memory backup*



- *Battery and charger sold separately*
- *3.6 lbs*

Part #	Mfg #	Size	Price
139355	2590-20	10-1/2" x 7" x 4"	

M12™ AC/DC Wall Vehicle Charger

- *2-In-1 Design*
- *Charge time: 40 minutes*
- *Lithium-Ion battery (not included)*
- *5-Year warranty*



Part #	Mfg #	Description	Price
138274	2510-20	M12™ AC/DC Wall & Vehicle Charger	

M12™ Cordless Grease Gun

- *Maximum operating pressure: 8,000 psi*
- *Grease capacity: 14 oz cartridge/16 oz bulk*
- *Includes:*
  - *M12™ Grease gun (2446-20)*
  - *M12™ XC REDLITHIUM™ battery*
  - *60-Minute charger*
  - *36" High pressure flex hose with spring guard*
  - *Grease coupler*
  - *Carrying case*



Part #	Mfg #	Description	Price
141426	2446-21XC	M12™ Grease Gun	

Milwaukee Power Tools

M12™ Cordless LITHIUM-ION Multi-Tool

- *Cuts, grinds, sands and scrapes*
- *Variable speed dial*
- *On board fuel gauge displays run time*
- *Runs 5,000 to 20,000 OPM*
- *Kit includes:*
  - *Cordless multi-tool*
  - *Accessory adapter*
  - *Wood cutting blade*
  - *(1) REDLITHIUM™ battery*
  - *30-Minute charger*
  - *Contractor bag*



Part #	Mfg #	Description	Price
143165	2426-21	M12™ LITHIUM-ION Multi-Tool Kit	

M12™ Cordless Multi-Tool

- *Cuts, grinds, sands and scrapes*
- *Variable speed dial*
- *On board fuel gauge displays run time*
- *Runs 5,000 to 20,000 OPM*
- *Includes:*
  - *Cordless multi-tool*
  - *Accessory adapter*
  - *Wood cutting blade*
  - *Sanding pad*
  - *(5) Assorted sanding sheets*
  - *(2) REDLITHIUM™ batteries*
  - *30-Minute charger*
  - *Contractor bag*



Part #	Mfg #	Description	Price
139011	2426-22	M12™ Multi-Tool Kit	

M12™ Cordless 2-Tool Combo Kit

- *1/4" Hex screwdriver delivers 150 in-lbs of torque, 15 position clutch, and 0 to 500 rpm*
- *Hackzall™ reciprocating saw delivers 0 to 3000 spm*
- *Includes:*
  - *Screwdriver (2401-20)*
  - *Hackzall™ Reciprocating saw (2420-20)*
  - *(2) M12™ Lithium-Ion batteries*
  - *30-Minute charger*
  - *(2) Hackzall™ blades*
  - *Contractor bag*
- *5-Year warranty*



Part #	Mfg #	Description	Price
137556	2490-22	150 in-lbs Torque	

M12™ Cordless 4-Tool Combo Kit

- *Hackzall™ reciprocating saw delivers 0 to 3000 spm*
- *Copper tubing cutter automatically adjusts to cut 3/8" to 1" copper tube*
- *Work light illuminates large work area with 90° rotating head and integrated magnet*
- *Includes:*
  - *Screwdriver (2401-20)*
  - *Hackzall™ reciprocating saw (2420-20)*
  - *Copper tubing cutter (2471-20)*
  - *Work light (49-24-0145)*
  - *(2) 12V Lithium-Ion battery packs*
  - *30-Minute charger*
  - *(2) Hackzall™ blades*
  - *Contractor bag*



Part #	Mfg #	Description	Price
138377	2490-24	150 in-lbs Torque	

M12™ Cordless 2-Tool Combo Kit (1)

- *Includes:*
  - *1/4" Hex Impact driver (2450-20)*
  - *Hackzall™ Reciprocating saw (2420-20)*
  - *(2) Lithium-Ion batteries*
  - *30-Minute charger*
  - *Contractor bag*
- *5-Year warranty*



Part #	Mfg #	Description	Price
139268	2491-22	12V	

M12™ Cordless 2-Tool Combo Kit

- *Includes:*
  - *3/8" Drill driver (2410-20)*
  - *1/4" Hex impact driver (2450-20)*
  - *(2) M12™ REDLITHIUM™ Batteries (48-11-2401)*
  - *30-Minute charger (48-59-2401)*
  - *Contractor bag*
- *5-Year warranty*



Part #	Mfg #	Description	Price
137558	2494-22	12V	

Milwaukee Power Tools

M12™ Cordless Power Port

- *Portable charger capable of charging (5) small electronic devices (2) at a time*
- *Charges and powers devices that draw up to 3A*



Part #	Mfg #	Description	Price
141848	2349-20	M12™ Power Port	

M12 Fuel™ Cordless Tools

M12 FUEL™ 1/2" Hammer Drill/Driver Kit

- *POWERSTATE™ Brushless motor*
- *REDLINK Plus™ Intelligence*
- *REDLITHIUM™ Battery technology*
- *Includes:*
  -(1) M12 FUEL™ 1/2" hammer drill/driver (2404-20)
  -(1) M12 REDLITHIUM™ 2.0 compact battery pack (48-11-2420)
  -(1) M12™ REDLITHIUM™ XC 4.0 extended capacity battery pack (48-11-2440)
  -(1) M12™ Lithium-ion battery charger (48-59-2401)
  -(1) Belt clip
  -(1) Carrying case



Part #	Mfg #	Description	Price
154724	2404-22	M12 FUEL™ 1/2" Hammer Drill/Driver Kit	

M12 FUEL™ 1/4" Hex Impact Driver

- *POWERSTATE™ Brushless motor: Delivers 1,200 in-lbs of peak torque with maximum sustained torque to complete a variety of applications*
- *REDLITHIUM™ 2.0 Battery technology: Superior pack contruction, electronics, and performance deliver more work per charge and more work over pack life than any battery on the market*
- *REDLINK Plus™ Intelligence: The most advanced system of cordless power tool electronics. Provides optimized performance and overload protection using total system communication between tool, battery and charger*
- *DRIVE CONTROL™: Two fastening modes provide variable power and speed for precision work and heavy duty applications*
- *Includes:*
  -(1) M12 FUEL™ 1/4" hex impact driver (2453-20)
  -(2) M12 REDLITHIUM™ 2.0 compact battery pack (48-11-2420)
  -(1) M12™ Lithium-ion battery charger (48-59-2401)
  -(1) Belt clip
  -(1) Carrying case



Part #	Mfg #	Description	Price
159974	2453-20	M12 Fuel™ 1/4" Hex Impact Driver Tool Only	
154725	2453-22	M12 FUEL™ 1/4" Hex Impact Driver Kit	

M18™ Lithium-Ion Cordless Drills

M18™ Cordless Right Angle Drill

- *No load speed: 0 to 1550 rpm*
- *Torque: 125 in-lbs*
- *Chuck type: 3/8" single sleeve ratcheting*
- *Includes:*
  - *M18™ Right angle drill (2615-20)*
  - *M18™ REDLITHIUM™ XC High capacity battery*
  - *1-Hour charger*
  - *Carrying case*



Part #	Mfg #	Description	Price
142940	2615-21	Right Angle Drill Kit	

Milwaukee Power Tools

M18™ 1/2" High Performance Hammer-Drill Driver

- *4-Pole frameless motor*
- *1/2" Single-sleeve ratcheting metal chuck with carbide jaws*
- *Battery fuel gauge displays remaining run-time*
- *Built-in LED light illuminates work surface*
- *Variable speed trigger*
- *No load speed: 0 to 1,800 rpm*
- *No load BPM: 0 to 28,000 BPM*
- *Includes:*
  - *(2) M18™ 18V XC Lithium-Ion batteries*
  - *18V Charger*
  - *Side handle*
  - *Carrying case*
- *5-Year warranty*



Part #	Mfg #	Description	Price
139122	2611-24	650 in-lbs Torque	

M18™ Compact Drill Driver

- *Built-in LED light*
- *18VDC*
- *No load speed: 350 to 1,400 rpm*
- *Torque: 425 in-lbs*
- *Kit includes:*
  - *M18™ Compact drill driver (2601-20)*
  - *(2) 18V Lithium-Ion batteries*
  - *18V Lithium-Ion charger*
  - *1/2" 3-Jaw keyless chuck*
- *5-Year warranty*



Part #	Mfg #	Description	Price
137559	2601-22	Drill Driver Kit	

M18™ Compact Hammer Drill Driver

- *4-Pole frameless motor*
- *1/2" Single-sleeve ratcheting metal chuck*
- *Variable speed trigger*
- *No load speed: 0 to 1,700 rpm*
- *No load BPM: 0 to 29,000 BPM*
- *Torque: 550 in-lbs*
- *Kit includes:*
  - *M18™ Hammer-drill driver (2602-22)*
  - *(2) 18V XC Lithium-Ion batteries*
  - *1-Hour 18V charger*
  - *Carrying case*
- *5-Year warranty*



Part #	Mfg #	Description	Price
143056	2602-20	Hammer Drill Driver Only	
137560	2602-22	Hammer Drill Driver Kit	

M18™ FUEL™ 1/2" Drill/Driver Kit

- *Torque: 725 in-lbs*
- *2-Speed*
- *Includes:*
  - *M18™ FUEL™ 1/2" Drill/driver (2603-20)*
  - *(2) M18™ REDLITHIUM™ XC High capacity batteries*
  - *Multi-voltage charger*
  - *Carrying case*



Part #	Mfg #	Description	Price
148728	2603-22	FUEL Drill/Driver Kit	

M18™ FUEL™ 1/2" Hammer Drill/Driver Kit

- *2-Speed Powerstate™ brushless motor*
- *Redlink PLUS™ Intelligence system communications with overload protection*
- *No load speed: 0 to 500/0 to 1850 rpm*
- *Includes:*
  - *1/2" Drill/driver (2603-20)*
  - *(2) 18V Compact REDLITHIUM™ batteries*
  - *Multi-voltage charger*
  - *Locking chuck*
  - *LED Light*
- *5-Year warranty*



Part #	Mfg #	Description	Price
148727	2604-22	725 in-lbs Torque with Cushion Grip	

Milwaukee Power Tools

M18™ 1/4" Hex Compact Impact Driver



- *1/4" Hex quick change chuck*
- *4-Pole frameless motor*
- *Battery fuel gauge displays remaining run-time*
- *No load speed: 0 to 2,200 rpm*
- *No load IPM: 0 to 3,200 IPM*
- *Variable speed trigger*
- *Built-in LED light illuminates work surface*
- *18V*
- *Includes:*
  - *M18™ Impact driver (2650-20)*
  - *(2) M18™ REDLITHIUM™ XC high capacity batteries*
  - *Battery charger*
  - *Belt clip*
  - *Carrying case*
- *5-Year warranty*

Part #	Mfg #	Description	Price
144367	2650-20	Impact Driver Only	
137562	2650-22	Impact Driver Kit	

M18 FUEL™ 1/4" Hex Impact Driver Kit



- *1/4" Hex quick change chuck*
- *4-Pole frameless motor*
- *Battery fuel gauge displays remaining run-time*
- *Torque: 1,600 in-lbs*
- *No load speed: 0 to 3,600 rpm*
- *No load IPM: 0 to 2,900*
- *Variable speed trigger*
- *Built-in LED light illuminates work surface*
- *Includes:*
  - *Impact driver (2653-20)*
  - *(2) 18V REDLITHIUM™ XC High capacity batteries*
  - *30-Minute multi-voltage charger*
  - *Belt clip*
  - *Carrying case*
- *5-Year warranty*

Part #	Mfg #	Description	Price
148691	2653-22	Impact Driver Kit	

M18™ 3/8" Compact Impact Wrench with Friction Ring Kit



- *Milwaukee® 4-Pole frameless motor*
- *Milwaukee® engineered impact mechanism*
- *REDLITHIUM™ battery technology*
- *REDLINK™ Intelligence*
- *Includes:*
  -(1) M18™ 3/8" compact impact wrench with friction ring (2651-20)
  -(2) M18™ REDLITHIUM™ XC extended capacity battery (48-11-1828)
  -(1) M18™ & M12™ multi-voltage charger (48-59-1812)
  -(1) Carrying case

Part #	Mfg #	Description	Price
152299	2651-22	M18™ 3/8" Compact Impact Wrench with Friction Ring Kit	

M18™ 1/2" High-Torque Impact Wrench with Friction Ring Kit



- *Milwaukee® 4-pole frameless motor*
- *REDLITHIUM™ battery technology*
- *REDLINK™ intelligence*
- *Includes:*
  -(1) M18™ 1/2" high-torque impact wrench with friction ring (2663-20)
  -(2) M18™ REDLITHIUM™ XC extended capacity battery (48-11-1828)
  -(1) M18™ & M12™ Multi-voltage charger (48-59-1812)
  -(1) Carrying case

Part #	Mfg #	Description	Price
152298	2663-22	1/2" High-Torque Impact Wrench with Friction Ring Kit	

M18 Fuel™ Cordless Drills

M18 FUEL™ 3/8" Impac Wrench Kit with Friction Ring



- *Delivers a best-in class 200 ft-lbs and 2,400 in-lbs of torque in a compact design*
- *The Milwaukee® POWERSTATE™ brushless motor provides increased efficiency, lasts longer and delivers maximum power*
- *REDLINK PLUS™ electronic intelligence allows the operator to choose between 3 fastening modes with Milwaukee's proprietary DRIVE CONTROL™ feature*
- *The Milwaukee® REDLITHIUM™ battery pack is the most durable pack on the market and provides up to 50% more run time*
- *Utilizes a friction ring design for fast, easy socket changes*
- *Includes:*
  -(1) M18 FUEL™ 3/8" Impact wrench with friction ring (2654-20)
  -(2) M18™ REDLITHIUM™ XC 4.0 Extended capacity battery pack (48-11-1840)
  -(1) M18 & M12™ multi-voltage charger (48-59-1812)
  -(1) Belt clip
  -(1) Carrying case

Part #	Mfg #	Description	Price
158102	2654-22	M18 Fuel™ 3/8" Impact Wrench Kit with Friction Ring	

M18 FUEL™ 1/2" Impact Wrench Kit with Pin Detent



- *Delivers a best-in-class 210 ft-lbs and 2,520 in-lbs of torque in a compact design*
- *The Milwaukee® POWERSTATE™ Brushless Motor provides increased efficiency, lasts longer and delivers maximum power*
- *REDLITHIUM™ XC 4.0 Battery pack is the most durable pack on the market and provides up to 2X more run time*
- *REDLINK PLUS™ electronic intelligence allows the operator to choose between 3 fastening modes with Milwaukee's proprietary DRIVE CONTROL™ feature*
- *Utilizes a pin detent design for maximum socket retention*
- *Includes:*
  -(1) M18 FUEL™ 1/2" Impact wrench with pin detent(bare tool) (2655-20)
  -(2) M18™ REDLITHIUM™ XC 4.0 extended capacity battery pack (48-11-1840)
  -(1) M18™ & M12™ multi-voltage charger (48-59-1812)
  -(1) Belt clip
  -(1) Carrying case

Part #	Mfg #	Description	Price
158103	2655-22	M18 FUEL™ 1/2" Impact Wrench Kit with Pin Detent	

M18™ Cordless Saws

M18™ Sawzall® Reciprocating Saw Kit



- *Gear-protecting clutch*
- *Lever action Quik-Lok™ blade clamp*
- *Battery fuel gauge displays remaining run-time*
- *Variable speed trigger*
- *Includes:*
  - *Sawzall® 1" Reciprocating saw (2620-20)*
  - *(1) 1-Hour charger*
  - *(1) Sawzall® blade*
  - *Carrying case*
- *5-Year warranty*

Part #	Mfg #	Description	Price
142639	2620-20	Sawzall® Saw Tool Only	
138283	2620-21	Sawzall® with (1) 18V XC High Capacity Lithium-Ion Batteries	

Milwaukee Power Tools

M18™ HACKZALL® Cordless One-Handed Reciprocating Saw



- *Speed: 0 to 3,000 spm*
- *Stroke length: 3/4"*
- *Blade clamp: QUIK-LOK™ universal*
- *Kit includes:*
  - *M18™ HACKZALL® Reciprocating saw (2625-20)*
  - *M18™ REDLITHIUM™ XC High capacity battery*
  - *10-Hour charger*
  - *SAWZALL® Blade*
  - *Contractor bag*

Part #	Mfg #	Description	Price
144657	2625-20	Reciprocating Saw Only	
138662	2625-21	Reciprocating Saw Kit	

M18™ HACKZALL® Recip Saw Kit



- *One-handed design provides superior control & versatility*
- *Compact size allows for cutting in tight spaces, and light weight makes overhead work easier*
- *Built-in LED light*
- *Includes:*
  -(1) M18™ HACKZALL® Recip Saw (2625-20)
  -(1)M18™ Compact REDLITHIUM Battery (48-11-1815)
  -(1) M18™ & M12™ Multi-Voltage Charger (48-59-1812)
  -(1) Contractor Bag

Part #	Mfg #	Description	Price
150993	2625-21CT	Reciprocating Saw Kit	

M18™ Cordless Band Saw



- *3-1/4" Cut capacity*
- *Tool-free adjustable material shoe*
- *LED Work light*
- *Blade ejection system*
- *Drop resistant pulley guard*
- *Cast aluminum gear case*
- *Kit includes:*
  - *M18™ Band saw*
  - *(2) M18™ REDLITHIUM™ XC High capacity batteries*
  - *1-Hour charger*
  - *Blade*
  - *Case*
- *5-Year warranty*

Part #	Mfg #	Description	Price
143146	2629-22	Band Saw Kit	

M18™ Cordless 6-1/2" Circular Saw



- *Speed: 3,500 rpm*
- *Capacity: 2-1/8"@90° and 1-9/16"@45°*
- *Arbor: 5/8"*
- *Blade: 6-1/2" 24T carbide tipped*
- *Kit includes:*
  - *M18™ Circular saw (2630-20)*
  - *(2) M18™ REDLITHIUM™ XC High capacity batteries*
  - *1-Hour charger*
  - *Contractor bag*

Part #	Mfg #	Description	Price
138753	2630-22	Circular Saw Kit	

M18™ Cordless Jig Saw



- *Speed: 0 to 2,700 SPM*
- *Stroke length: 1"*
- *Bevel capacity: 45°*
- *Kit includes:*
  - *M18™ Jig saw (2645-20)*
  - *(2) M18™ REDLITHIUM™ XC High capacity batteries*
  - *1-Hour charger*
  - *Jig saw blade*
  - *Non-marring shoe*
  - *Carrying case*

Part #	Mfg #	Description	Price
138656	2645-22	Jig Saw Kit	

M18™ Cordless 5-3/8" Metal Saw



- *4-Pole frameless motor*
- *Speed: 3,600 rpm*
- *Cut capacity: 1/8" to 2"*
- *Blade: 5-3/8" 30T carbide-tipped*
- *Includes:*
  - *M18™ 5-3/8" Metal saw*
  - *(2) M18™ REDLITHIUM™ XC High capacity batteries*
  - *1-Hour charger*
  - *30T Metal Tech™ carbide-tipped blade*
  - *Blade wrench*
  - *Contractor bag*

Part #	Mfg #	Description	Price
141828	2682-22	Metal Saw Kit	

M18™ Fuel Cordless Saws

M18 Fuel™ Sawzall® Reciprocating Saw Kit



- *Delivers faster than corded cutting speed and the durability of a corded saw*
- *POWERSTATE™ Brushless motor*
- *REDLINK PLUS™ Intelligence*
- *REDLITHIUM™ XC 4.0 Battery pack*
- *Includes:*
  -(1) M18 FUEL™ SAWZALL® reciprocating saw (2720-20)
  -(1) M18™ REDLITHIUM™ XC 4.0 extended capacity battery pack (48-11-1840)
  -(1) M18™ & M12™ Multi-voltage charger (48-59-1812
  -(1) Blade
  -(1) Carrying case

Part #	Mfg #	Description	Price
161658	2720-21	M18 Fuel™ Sawzall® Reciprocating Saw Kit	

M18™ Knockout Tools

FORCELOGIC™ M18™ 10 Ton Knockout Tool 1/2" to 2" Kit



- *Includes:*
  -(2) M18™ REDLITHIUM™ XC Extended Capacity Battery (48-11-1828)
  -(1) M18™ & M12™ Multi-voltage charger (48-59-1812)
  -(1) Exact™ 1/2" Stainless steel die (49-16-2660S)
  -(1) Exact™ 1/2" Stainless steel punch (49-16-2661S)
  -(1) Exact™ 3/4" Die (49-16-2662)
  -(1) Exact™ 3/4" Punch (49-16-2663)
  -(1) Exact™ 1" Die (49-16-2664)
  -(1) Exact™ 1" Punch (49-16-2665)
  -(1) Exact™ 1-1/4" Die (49-16-2666)
  -(1) Exact™ 1-1/4" Punch (49-16-2667)
  -(1) Exact™ 1-1/2" Die (49-16-2668)
  -(1) Exact™ 1-1/2" Punch (49-16-2669)
  -(1) Exact™ 2" Die (49-16-2670)
  -(1) Exact™ 2" Punch (49-16-2671)
  -(1) 7/16" Draw Stud (49-16-2680)
  -(1) 3/4" Draw Stud (49-16-2681)
  -(1) Ball Stud
  -(1) Coupler
  -(1) Quick connect collar
  -(1) Carrying case

Part #	Mfg #	Description	Price
167335	2676-22	FORCELOGIC™ M18™ 10 Ton Knockout Tool 1/2" to 2" Kit	

FORCELOGIC™ M18™ 10 Ton Knockout Tool 1/2" to 4" Kit



- *Includes:*
  -(1) 1-1/8" Draw Stud
  -(2) M18™ REDLITHIUM™ XC extended capacity battery (48-11-1828)
  -(1) M18™ & M12™ Multi-voltage charger (48-59-1812)
  -(1) EXACT™ 1/2" Stainless steel die (49-16-2660S)
  -(1) EXACT™ 1/2" Stainless steel punch (49-16-2661S)
  -(1) EXACT™ 3/4" Die (49-16-2662)
  -(1) EXACT™ 3/4" Punch (49-16-2663)
  -(1) EXACT™ 1" Die (49-16-2664)
  -(1) EXACT™ 1" Punch (49-16-2665)
  -(1) EXACT™ 1-1/4" Die (49-16-2666)
  -(1) EXACT™ 1-1/4" Punch (49-16-2667)
  -(1) EXACT™ 1-1/2" Die (49-16-2668)
  -(1) EXACT™ 2" Die (49-16-2670)
  -(1) EXACT™ 2" Punch (49-16-2672)
  -(1) EXACT™ 2-1/2" Die (49-16-2672)
  -(1) EXACT™ 2-1/2" Punch (49-16-2673)
  -(1) EXACT™ 3" Die (49-16-2674)
  -(1) EXACT™ 3" Punch (49-16-2675)
  -(1) EXACT™ 3-1/2" Die (49-16-2676)
  -(1) EXACT™ 3-1/2" Punch (49-16-2677)
  -(1) EXACT™ 4" Die (49-16-2678)
  -(1) EXACT™ 4" Punch (49-16-2679)
  -(1) 7/16" Draw stud (49-16-2680)
  -(1) 3/4" Draw stud (49-16-2681)
  -(1) Ball stud
  -(1) Coupler
  -(1) Quick connect collar
  -(2) Carrying case

Part #	Mfg #	Description	Price
167336	2676-23	FORCELOGIC™ M18™ 10 Ton Knockout Tool 1/2" to 4" Kit	

M18™ Miscellaneous Tools

M18™ Tool Box Style Wet/Dry Vacuum



- *On-board accessory and hose storage*
- *HEPA Rated high efficiency filter*
- *Includes:*
  - *Wet/dry vacuum*
  - *Filter assembly*
  - *Crevice tool*
  - *Wide utility nozzle*
  - *Wireless vinyl hose*
- *Battery and charger not included*

Part #	Mfg #	Description	Price
136036	0880-20	2 gal, 18V	

M18™ Cordless 2-Speed Grease Gun Kit



- *Industry leading 10,000 PSI max operating pressure*
- *Industry leading max flow-rate of up to 10oz / minute*
- *New to world precision through Pre-set grease counter dial*
- *48" flexible hose offers greater access to difficult to reach fittings*
- *Air bleeder valve for quick priming*
- *M18™ REDLITHIUM™ System*
- *Lock-on/ Lock-off trigger delivers added user convenience*
- *Includes:*
  -(1) M18™ Cordless 2-speed grease gun (2646-20)
  -(1) 48" Flex hose w/spring guard
  -(2) M18™ Compact REDLITHIUM™ battery (48-11-1815)
  -(1) M18™ & M12™ Multi-voltage charger (48-59-1812)
  -(1) High pressure grease coupler
  -(1) Hard carrying case
  -(1) Shoulder strap

Part #	Mfg #	Description	Price
160923	2646-22CT	M18™ Cordless 2-Speed Grease Gun Kit	

Milwaukee Power Tools

M18™ Jobsite Radio/Charger



- *Built-In charger: Quick, convenient charging of all M18™ batteries*
- *Exclusive digital Bluetooth® receiver*
- *USB power port*
- *Premium speakers and 40-watt amplifier*
- *Customizable equalizer and 10-station preset*
- *Reinforced roll cage and metal handles*
- *Weather-sealed compartment: offers on-board protection for small belongings and a smart phone*
- *On-board bottle opener*
- *Includes:*
  -(1) M18™ Jobsite radio/charger (2792-20)
  -(1) 16" Auxiliary input cord
  -(2) AAA batteries

Part #	Mfg #	Description	Price
163377	2792-20	M18™ Jobsite Radio/Charger	

M18™ Tool Combo Kits

M18™ Cordless 2-Tool Combo Kit with DPM™

- *Digital power management protection prevents damage to the tool and battery in abusive situations*
- *Includes:*
  - *1/2" Hammer-Drill driver (2602-20)*
  - *1/4" Hex impact driver (2650-20)*
  - *(2) REDLITHIUM™ High capacity batteries*
  - *1-Hour charger*
  - *Contractor bag*
- *5-Year warranty*



Part #	Mfg #	Description	Price
139154	2697-22	18V	

M18™ Cordless 4-Tool Combo Kit (1)

- *Includes:*
  - *1/2" Hammer drill driver (2602-20)*
  - *Sawzall® reciprocating saw (2620-20)*
  - *6-1/2" Circular saw (2630-20)*
  - *Work light (49-24-0171)*
  - *(2) REDLITHIUM™ XC High capacity batteries*
  - *1-Hour charger*
  - *(1) Sawzall® blade*
  - *Contractor bag*



Part #	Mfg #	Description	Price
137564	2694-24	18V	

M18™ Cordless 4-Tool Combo Kit (2)

- *Includes:*
  - *M18™ 1/2" Hammer drill driver (2602-20)*
  - *M18™ HACKZALL® Reciprocating saw (2625-20)*
  - *M18™ 1/4" Hex Impact driver (2650-20)*
  - *M18™ Work light (49-24-0171)*
  - *(2) M18™ REDLITHIUM™ XC High capacity batteries (48-11-1828)*
  - *1-Hour charger (48-59-1801)*
  - *General purpose Sawzall® blade*
  - *Contractor bag*



Part #	Mfg #	Description	Price
138971	2695-24	18V	

M18™ Cordless 4-Tool Combo Kit (3)

- *Includes:*
  - *1/2" Hammer drill driver (2602-20)*
  - *1/4" Hex impact driver (2650-20)*
  - *Sawzall® M18™ reciprocating saw (2620-20)*
  - *Work light (49-24-0171)*
  - *(2) REDLITHIUM™ XC High capacity batteries*
  - *1-Hour charger*
  - *General purpose Sawzall® blade*
  - *Contractor bag*



Part #	Mfg #	Description	Price
138527	2696-24	18V	

M18™ Cordless LITHIUM-ION 9-Tool Combo Kit

- *Includes:*
  -(1) M18™ Cordless 1/2" hammer drill/driver (2602-20)
  -(1) M18™ Cordless right angle drill (2615-20)
  -(1) M18™ SAWZALL® Recip saw (2620-20)
  -(1) M18™ Cordless LITHIUM-ION 6 -1/2" circular saw (2630-20)
  -(1) M18™ Cordless LITHIUM-ION jig saw (2645-20)
  -(1) M18™ 1/4" Hex compact impact driver (2650-20)
  -(1) M18™ 1/2" High-torque impact wrench with friction ring (2663-20)
  -(1) M18™ Cordless LITHIUM-ION 4-1/2" cut-off/grinder (2680-20)
  -(2) M18™ REDLITHIUM™ XC Extended capacity battery (48-11-1828)
  -(1) M18™ & M12™ Multi-voltage charger (48-59-1812)
  -(1) M18™ Work light (49-24-0171)



Part #	Mfg #	Description	Price
156090	2696-29	M18™ Cordless LITHIUM-ION 9-Tool Combo Kit	

Milwaukee Power Tools

Drills

3/8" Pistol Drill



- *8 Amp motor*
- *120VAC Only*
- *Keyless, metal chuck type*
- *All metal gear case*
- *Soft grip handle and 2-finger trigger*
- *8' Cord*
- *Includes:*
  - *3/8" Drill*
  - *Side handle*

Part #	Mfg #	No Load RPM	Price
139060	0240-20	0 - 2,800	

3/4" Large Drill, 350 RPM



- *Powerful 10.0-amp motor. Delivers up to 350RPM with reverse*
- *Torque: Offers 3/4" capacity in steel*
- *Heat-treated gears: Helical-cut for quiet performance*
- *8-ft fixed rubber cord: Durable construction*
- *Includes:*
  -(1) 3/4" Large Drill (1854-1)
  -(1) Pipe Handle

Part #	Mfg #	Description	Price
151479	1854-1	1854-1 3/4" 120V 350RP Drill	

1/2" Magnum® Drill



- *Motor: 120VAC 8A*
- *360° Locking side handle*
- *Chuck key with holder*
- *8' Cord*

Part #	Mfg #	No Load RPM	Price
139067	0299-20	0 - 850	

Right Angle Drill Kits

1/2" Reversing Right Angle Drill Kit



- *120VAC, 7.0A R.A.D.*
- *1/2" Trigger speed control reversing*
- *All ball and roller bearings*
- *Helical cut, heat treated gears*
- *Durable, glass reinforced nylon handles*
- *Use with up to 4-5/8" self-feed bits*
- *Steel hardened shafts*
- *Head and handle swivel 360°*
- *Locks tight in any position*
- *Allow 5-1/2" for right angle drill head and chuck*
- *Quadruple gear train*
- *Includes:*
  - *Chuck key and rubber flex key holder*
  - *Right angle drive*
  - *9/16" Open end wrench*
  - *3/16" Socket wrench*
  - *Chuck remover bar*
  - *Side handle*
  - *Steel carrying case*
  - *8' 3-Wire Quik-Lok® cord set*

Part #	Mfg #	Kit Type	Drill RPM	Amps	Price
137799	3107-6	Variable	0-500	7.0	

Super Hawg™ Drills

Super Hawg™ 1/2" Drill



- *Clutch in low speed*
- *High operating speeds for maximum productivity*
- *90° Left-right, Roto-Lok® handle*
- *Comfort grip switch handle and gear case with front T-bar handle*
- *Includes side handle*
- *1680-21 Includes carrying case*
- *5-Year warranty*

Part #	Mfg #	No Load RPM	Steel Capacity	Price
148643	1680-20	450/1,750	1/2"	
137572	1680-21	450/1,750	1/2"	

Milwaukee Power Tools

Hole-Hawg®

Hole-Hawg® Drill



- *120VAC, 7.5A*
- *Compact design for drilling between studs and joists*
- *Heat treated gears*
- *All ball and roller bearings*
- *Triple reduction gearing*
- *2-Position pipe handle*
- *3-Position spade handle*
- *2-Speed gear shift*
- *External brush caps*
- *Includes steel carrying case*

Part #	Mfg #	No Load RPM	Price
144516	1676-6	300/1,200	

Circular Saws

TILT-LOK™ 7-1/4" Circular Saw with Case



- *New exclusive TILT-LOK™ main handle adjusts to the work or most comfortable work position*
- *10.4 pounds net weight*
- *15 amp, 3.25 peak horsepower*
- *Wide, clear sight line*
- *Includes:*
  -(1) TILT-LOK™ 7-1/4" Circular Saw with case (6390-21)
  -(1) Blade wrench
  -(1) Carrying case
  -(1) Circular saw blade
-

Part #	Mfg #	Description	Price
154578	6390-21	TILT-LOK™ 7-1/4" Circular Saw with Case	

Sawzall® Reciprocating Saws

13 Amp Orbital Super Sawzall® with Case



- *Orbital cutting action*
- *Variable speed trigger*
- *Quik-Lok™ blade clamp*
- *8' Cord*
- *5-Year warranty*

Part #	Mfg #	Length of Stroke	Strokes Per Minute	Price
148168	6536-21	1-1/4"	0 - 3,000	

12 Amp Sawzall® Reciprocating Saw



- *Quik-Lok™ blade clamp*
- *Gear protecting clutch*
- *Counter weighted mechanism*
- *Includes:*
  - *(1) Sawzall® blade*
  - *Carrying case*
- *5-Year warranty*

Part #	Mfg #	Length of Stroke	Strokes Per Minute	Price
137571	6509-31	3/4"	0 - 3,000	

360° Rotating Handle Orbital Super Sawzall® Recip Saw



- *360° Rotating handle*
- *13 Amp Milwaukee built motor*
- *Orbital cutting action*
- *Variable speed trigger, 0-3000 SPM*
- *1-1/4in stroke*
- *Counter balanced/gear protection systems*
- *Speed dial*
- *QUIK-LOK™ blade clamp*
- *QUIK-LOK® cord*
- *Includes:*
  -(1) 360° Rotating handle orbital super Sawzall® recip saw (6523-21)
  -(1) Carrying case

Part #	Mfg #	Description	Price
154278	6523-21	360° Rotating Handle Orbital Super Sawzall® Recip Saw	

Band Saws

Compact Band Saw



- *120VAC*
- *7.0A Motor, 3-wire, 8' cord*
- *LED Work light*
- *Blade ejection system*
- *Drop-resistant pulley guard*
- *Cast aluminum gear case*
- *Adjustable material guide*
- *Maximum rectangular capacity: 3-1/4" x 3-1/4"*
- *Maximum round capacity: 3-1/4"*
- *Includes:*
  - *Band saw*
  - *Case*
- *5-Year warranty*

Part #	Mfg #	No Load SFPM	Price
142295	6242-6	200 - 300	

Abrasive Cut-Off Machines

14" Abrasive Cut-Off Machine



- *Cuts up to 5" pipe*
- *Oversized wheel guards*
- *Miter capacity: 45° with adjustable fence*
- *Large spindle lock button*
- *Includes:*
  - *Vise*
  - *Abrasive wheel*
  - *Hex wrench*
- *5-Year warranty*

Part #	Mfg #	Description	Price
142284	6177-20	120VAC/DC, 15 Amps	

Sanders

5" Random Orbit Palm Sander



- *3.0A Motor*
- *Permanent magnet motor*
- *Variable speed dial*
- *Integrated Vacuum ports: 1-1/4" & 2-1/4"*
- *Includes:*
  - *Carrying case*
  - *Dust bag*
  - *PSA Pad*
  - *Hook and loop pad*
  - *(2) Sheets 80 grit 8-hole sandpaper*

Part #	Mfg #	Speed RPM	Disc Dia	Price
139047	6021-21	12,000	5"	

Grinders

11 AMP 4-1/2" Small Angle Grinder Paddle, Lock-On



- *Powerful 11 AMP, 11,000 RPM motor*
- *Overload Protection*
- *Electronic Clutch*
- *Tool-Free accessory change*
- *Tool-Free adjustable guard*
- *Advanced airflow system*
- *Debris baffles*
- *Includes:*
  -(1) 11 Amp 4-1/2" small angle grinder paddle, lock-on (6146-30)
  -(1) Contractor bag
  -(1) Flange
  -(1) Grinding wheel
  -(1) Side handle
  -(1) Spanner wrench
  -(1) Type 27 guard

Part #	Mfg #	Description	Price
158930	6146-30	11 Amp 4-1/2" Small Angle Grinder Paddle, Lock-On	

Milwaukee Power Tools

Temperature Guns

Infrared Laser TEMP-GUN™ Thermometer Kit



- *Basic accuracy: 1.50%*
- *Distance to spot: 12 to 1*
- *Includes:*
  - *Laser TEMP-GUN™ thermometer*
  - *(3) AA Alkaline batteries*
  - *K-Type thermocouple*
  - *Slide rail system*
- *5-Year warranty*

Part #	Mfg #	Temperature Range	Price
137568	2266-20	-20º to 932ºF	

Heat Guns

Dual Temperature Heat Gun



- *Dual temperature 570 and 1000 degrees F, 11.6 amp motor*
- *Unique impact resistant heating element*
- *Three position rock switch - off, high and low*

Part #	Mfg #	Description	Price
161906	8975-6	Dual Temperature Heat Gun	

Cordless Tools

12V-28V Jobsite Radio



- *Powered by all Milwaukee® 12V-28V batteries including M series, V series and NiCad*
- *Premium speakers and 40W amplifier*
- *Weather sealed auxiliary compartment (protects MP3 players etc)*
- *Shock absorbing ABS polymer and steel*
- *Customizable equalizer and 10-station preset*
- *1/8" Stereo jack auxiliary input*
- *Built-in bottle opener*
- *Durable cord wrap*
- *Includes:*
  - *Jobsite radio*
  - *Auxiliary input cord*
  - *(2) AA Batteries*

Part #	Mfg #	Description	Price
136035	2790-20	AM/FM Tuner with Digital Processor	

Cordless Batteries and Accessories

12V Lithium-Ion Battery



- *Over 65% lighter than "compact" NiCd batteries*
- *For use with Milwaukee® 12V cordless tools*
- *2-Year warranty*

Part #	Mfg #	Description	Price
137574	48-11-2401	12V Lithium-Ion Battery	

M12 REDLITHIUM™ Compact Battery Two Pack



- *1.5 Amp hour*
- *Lightweight - Over 65% lighter vs "compact NiCd batteries*
- *Compact - Over 50% smaller vs "compact NiCd batteries*
- *LITHIUM-ION battery delivers long life and run time with fade-free power*
- *Battery fuel gauge displays charge status on tool*
- *For use with Milwaukee M12 cordless tools*

Part #	Mfg #	Description	Price
154721	48-11-2411	M12 REDLITHIUM™ Compact Battery Two Pack	

M12 REDLITHIUM™ XC Battery Two Pack



- *3.0 Amp hour*
- *High current discharge*
- *Sturdy base- Allows M12™ tools to easily stand*
- *LITHIUM-ION battery delivers long life and run time with fade-free power*
- *Battery fuel gauge displays charge status on tools*
- *M12™ Compatibility*

Part #	Mfg #	Description	Price
171802	48-11-2412	M12 REDLITHIUM™ XC Battery Two Pack	

M18™ REDLITHIUM™ 2.0 Compact Battery Pack



- *REDLINK™ Intelligence*
- *Best-in-class construction*
- *Fuel gauge onboard*
- *All-weather performance*

Part #	Mfg #	Description	Price
154722	48-11-1820	M18™ REDLITHIUM™ 2.0 Compact Battery Pack	

Milwaukee Power Tools

M18™ REDLITHIUM™ XC 4.0 Extended Capacity Battery Pack



- *REDLINK™ Intelligence*
- *Best-in-class construction*
- *Fuel gauge onboard*
- *All-weather performance*
- *Versatility: Powers more than 40 Milwaukee M18™ cordless power tools*

Part #	Mfg #	Description	Price
158199	48-11-1840	M18™ REDLITHIUM XC 4.0 Extended Capacity Battery Pack	

M18™ REDLITHIUM™ XC5.0 Extended Capacity Battery Pack



- *REDLINK™ Intelligence: Provides optimized performance and overload protection using total system communication between tool, battery and charger*
- *Best-in-class construction*
- *Fuel gauge onboard*
- *All-weather performance*
- *Versatility- Powers more than 60 Milwaukee® M18™ cordless power tools*

Part #	Mfg #	Description	Price
173430	48-11-1850	M18™ REDLITHIUM™ XC5.0 Extended Capacity Battery Pack	

M18 REDLITHIUM™ High Capacity Battery Two Pack



- *3.0 Amp hour*
- *LITHIUM-ION battery delivers long life and run time with fade-free*
- *Battery fuel gauge*
- *Overload protection*
- *Temperature management system*
- *Individual cell monitoring*
- *Discharge protection*
- *Best in class construction*
- *Integrated weld frame*
- *Cell separator*
- *Impact and vibration protective rubber*

Part #	Mfg #	Description	Price
154296	48-11-1822	M18 REDLITHIUM™ High Capacity Battery Two Pack	

18V Ni-Cd Battery



- *Works with all 18V NiCd and V18 tools excluding:*
  - *1108*
  - *3108*
  - *5364*
  - *6516*

Part #	Mfg #	Description	Price
139148	48-11-2230	Easy Release Latch	

28V Lithium-Ion Battery



- *Overload protection*
- *Temperature management system*
- *Individual cell voltage monitoring*
- *Discharge protection*
- *Battery fuel gauge*
- *3-Year warranty*

Part #	Mfg #	Description	Price
142696	48-11-2830	28V Lithium-Ion Battery	

M12™ Lithium-Ion Battery Charger



- *30-Minute charge time*
- *5-Year warranty*

Part #	Mfg #	Description	Price
137575	48-59-2401	12V Lithium-Ion Battery Charger	

M18™ Six Pack Sequential Charger



- *Charges up to six batteries sequentially*
- *Convenient carrying handle*
- *Pass through plug*
- *Compact size*

Part #	Mfg #	Description	Price
154534	48-59-1806	M18™ Six Pack Sequential Charger	

M18™ and M12™ Multi-Voltage Battery Charger



- *12V and 18V*
- *5-Year warranty*

Part #	Mfg #	Description	Price
148692	48-59-1812	M18™ and M12™ Battery Charger	

M18™ Lithium-Ion AC/DC Wall & Vehicle Charger

- *AC Wall charger and DC vehicle charger*
- *Charges all M18™ batteries*
- *Charge times:*
  - *48-11-1815: 30-Minute*
  - *48-11-1828: 1-Hour*
  - *48-11-1820: 45-Minute*
  - *48-11-1840: 90-Minute*



Part #	Mfg #	Description	Price
138273	2710-20	18V	

M28™ 3-Bay Universal Charger

- *Single-unit simplicity: Milwaukee M28™ lithium-ion, V18 Lithium-ion and NiCd batteries*
- *Durable construction: Withstands tough jobsite conditions*
- *9-ft. Pass-through plug*
- *High-visibility LED light: Displays charge status from across the room*



Part #	Mfg #	Description	Price
164783	48-59-0280	M28™ 3-Bay Universal Charger	

Cut-Off Machine Accessories

.045" x 7/8" Cut-Off Wheel

- *For general purpose to specialized high performance applications*
- *Consistent performance from wheel to wheel*
- *Tested for balance, resulting in smooth, vibration free grinding and cutting*



Part #	Mfg #	Size	Type	Price
138407	49-94-4500	4-1/2"	1	

3/32" x 1" Cut-Off Wheel

- *For general purpose to specialized high performance applications*
- *Consistent performance from wheel to wheel*
- *Tested for balance, resulting in smooth, vibration free grinding and cutting*

Part #	Mfg #	Size	Type	Price
140073	49-94-1405	14"	1	

Milwaukee® Parts

Bit Holder

Part #	Mfg #	Description	Price
150713	43-72-0550	Bit Holder	

Screws, Nuts & Bolts

Part #	Mfg #	Description	Price
150710	06-82-5275	6-32" x 5/16" Torx Head Screw	

Power Tools

Pipe Inspecting and Locating

SeeSnake® micro™ Inspection Camera

- *Allows you to easily perform visual inspections in hard to reach areas*
- *Lightweight, hand-held design can be carried anywhere*
- *3' Cable reach expandable to 30' with optional extensions*
- *Includes batteries, mirror, hook and magnet*



Part #	Mfg #	Display	Diameter	Lighting	Power Source	Price
141173	36738	3.5" Color LCD	17mm	(4) Adj LEDs	(4) AA Batteries	

Drill Bits

Bi-Metal Utility Bits

- *Extreme durability; long life even in nail-embedded wood*
- *Optimized for cordless drilling extending battery life*
- *(3) Cutting edges enhance chip removal for a fast, clean hole*
- *6" Length*
- *Resharpenable with Lenox® Diamond file No. 25312*



Part #	Mfg #	Size	Shank	Price
108511	10947	5/8"	1/4"	
108512	10948	3/4"	1/2"	
108513	10949	7/8"	1/2"	
108514	10950	1"	1/2"	
108515	10951	1-1/8"	1/2"	
108516	10952	1-1/4"	1/2"	
108517	10953	1-3/8"	1/2"	

3-Piece Bi-metal Utility Bit Set

Part #	Mfg #	Description	Price
108518	10954	Includes 3/4", 7/8" & 1"	

5-Piece Bi-metal Utility Bit Set



Part #	Mfg #	Description	Price
108519	10955	Includes 3/4", 7/8", 1", 1-1/8" & 1-1/4"	

Vari-Bits®

Vari-Bit® Step Drill Bit

- *High speed steel construction and steam oxide coating*
- *(2) Cutting flutes for clean burr-free holes*



Part #	Mfg #	Number Hole Size	Hole Size	Elec Drill Size	Price
027647	30881-VB1	13	1/8 - 1/2	1/4"	

Vari-Bits® (Continued)

Vari-Bit® Step Drill Bit

Part #	Mfg #	Number Hole Size	Hole Size	Elec Drill Size	Price
025886	30882-VB2	9	1/2 - 1	3/8"	
006268	30883-VB3	9	1/4 - 3/4	3/8"	
053938	30912-VB12	5	7/8 - 1-3/8	3/8"	

Vari-Bit® Kit



Part #	Mfg #	Description	Price
025885	30927-VBKA6	6-Piece Vari-Bit Kit	

Wood Bits

Lenox® Leader® Automatic Feed Wood Bit

- *Forged body design, strong construction*
- *Can be re-sharpened with file*


Pilot Lead Screw

Part #	Mfg #	Description	Price
037759	33901-34LS	#34 Leader Lead Screw Fits LL300-462	

Wood Boring Bit

- *(2) Cutting edges, self-feeding, easy to resharpen*
- *Solid one-piece construction with black oxide rust inhibitor*


Wood Boring Bit


Pilot Lead Screw

Part #	Mfg #	Diameter	Price
006274	32150-WB150	1-1/2"	
006275	32175-WB175	1-3/4"	
006276	32200-WB200	2"	
006321	32900-WBPS	Pilot Lead Screws (Fits all sizes) 5/Pk	

Drill Bits

Bi-Metal Self-Feed Wood Drill Bit

- *High speed steel cutting edit*
- *Chamfered edge, flutes remove excess wood chips*
- *Lead screw tip*
- *Shank cuts 4" x 4" without extension*
- *Quick change*



Part #	Mfg #	Diameter	Price
028007	1787511	1"	
025197	1787512	1-1/8"	
025883	1787513	1-1/4"	
028008	1787515	1-3/8"	
006262	1787561	1-1/2"	
028009	1787562	1-3/4"	
006263	1787563	2"	
006264	1787564	2-1/8"	
028010	1787565	2-1/4"	
006265	1787566	2-9/16"	
025884	1787502	3"	

Bi-Metal Self-Feed Wood Drill Bit Accessories

Part #	Mfg #	Description	Price
022383	1787602	1" - 1-3/8" Lead Screws, 5/Pk	

Drill Bits

Polished Double Enders Drill Bit

- *Punch style length*
- *Bit at each end*
- *135° Split point*
- *For use on sheet metal*



Part #	Mfg #	Bit Dia	O/A Length	Price
006385	DE1/8	1/8"	2"	
006384	DE1/4	1/4"	2-1/2"	

Shockwave® Driver Bit Sets

26-Piece Shockwave™ Drive and Fasten Set

- *Forged tips for maximum grip*
- *Proprietary steel and heat treat process for maximum strength and durabilty*
- *Includes:*
  -Phillips bits:
  1"-(1) P1, (1) P2, (3) P3
  2"-(1) P2
  -Square bits:
  1"-(1) SQ1, (2) SQ2,
  (1) SQ3
  2"-(1) SQ2
  -Torx® bits:
  1"-(2) T20, (2) T25, (1) T30
  2"-(1) T20, (1) T25
  -1/4" Hex to 3/8" square adapter (1)
  -1/4" Magnetic nut driver (1)
  -Slotted bit 1" SL 3/16" (1)
  -Drive Sockets:
  (1)3/8" Drive: 1/2" Socket,
  (1)3/8" Drive: 9/16" Socket
  -Magnetic nut drivers:
  (1)3/8" Magnetic nut driver,
  (1)5/16" Magnetic nut driver
  (1) Shockwave™ compact magnetic bit holder



Part #	Mfg #	Description	Price
173708	48-32-4408	26-Pc Shockwave Drive and Fasten Set	

29-Piece Shockwave® Impact Duty™ Driver Bit Set

- *Diameter: 1/4"*
- *Forged tip*
- *Includes:*
  - *Phillips bits:*
    1" - (1) P1, (7) P2, (2) P3;
    2" Power - (2) P2, (1) P3
  - *Square bits:*
    1" - (1) SQ1, (4) SQ2, (1) SQ3
    2" Power - (2) SQ2
  - *Torx® bits:*
    1" - (1) T15, (1) T20, (1) T25
  - *Magnetic nut drivers: (1) 1/4" red, (1) 5/16" amber, (1) 3/8" blue*
  - *(1) Magnetic bit holder*
  - *(1) Case with bulk storage container*



Part #	Mfg #	Description	Price
137578	48-32-4401	29-Pc Shockwave Driver Bit Set	

Drill Bits

32-Piece Shockwave™ Driver Bit Set



- *Forged tips for maximum grip*
- *Geometric design provides the shock absorption*
- *Includes:*
  -Magnetic nut driver:
  (1) 1/4", (1) 5/16"
  -Phillips bits:
  1" (1) P1, (4) P2, (1) P3
  2" (2) P2
  -Phillips reduced 1" PR2 bit
  -Slotted:
  1" (1) #8, (1) #10
  2" (1) #10
  -Square bits:
  1" (1) SQ1, (3) SQ2, (1) SQ3
  2" (1) SQ2
  -Torx® bits:
  1" (1) T15, (2) T20, (2) T25, (1) T30
  2" (1) T20, (1) T25

Part #	Mfg #	Description	Price
173709	48-32-4004	32-Pc Shockwave Driver Bit Set	

35-Piece Shockwave® Impact Duty™ Driver Bit Set



- *Forged tip*
- *Includes:*
  - *ECX™: 1" - (1) ECX1, (1) ECX2*
  - *Phillips bits:*
    1" (1) Ps, (2) P2, (1) P3;
    2" Power: (1) P1, (1) P2
    3-1/2" Power: (1) P2
  - *Square bits:*
    1" (1) SQ1, (2) SQ2, (1) SQ3
    2" Power: (1) SQ1, (1) SQ2, (1) SQ3
    3-1/2" Power: (1) SQ2
  - *Torx® bits:*
    2" Power: (1) T15, (1) T20, (1) T25, (1) T30
  - *Slotted bits:*
    2" Power: (1) SL1/8", (1) SL3/16", (1) SL1/4"
  - *Magnetic nut drivers: (1) 1/4" red, (1) 5/16" amber, (1) 3/8" blue*
  - *Hex Shank Drill Bits:*
    1/4" (1) 1/8", (1) 5/32", (1) 3/16", (1) 7/32", (1) 1/4"
  - *Socket adapters: (1) 1/4" hex shank to 3/8" square (1) 1/4" hex shank to 1/2" square*
  - *(1) Magnetic bit holder*
  - *(1) Case with bulk storage container*

Part #	Mfg #	Description	Price
140584	48-32-4402	M/E Drill & Drive Set 35-Pc	

36-Piece Shockwave™ Driver Bit Set



- *Geometric design provides the shock absorbtion*
- *Forged tips for maximum grip*
- *Includes:*
  -(1) 1/4" Insert magnetic nut driver
  -(1) 3/8" Socket adapter
  -(1) 5/16" Insert magnetic nut driver
  -(1) Shockwave™ 6" Magnetic bit tip holder
  -(1) Shockwave™ Compact magnetic bit holder
  -Hex bits:
  1" (1) 1/4", (1) 1/8", (1) 3/16", (1) 3/32", (1) 5/32", (1) 5/64", (1) 7/64", (1) 9/64"
  -Phillips bits:
  1" (1) P1, (3) P2, (1) P3
  -(1) Phillips reduced 1" PR2 bit
  -Slotted bits:
  1" (2) #10, (1) #12, (1) #8
  -Square bits:
  1" (1) SQ1, (1) SQ3
  -Torx® bits:
  1" (1) T10, (1) T15, (2) T20, (2) T25, (1) T27, (1) T30, (1) T40

Part #	Mfg #	Description	Price
173710	48-32-4005	36-Pc Shockwave Driver Bit Set	

Drill Bits

40PC Shockwave™ Drill & Drive Set



- *Geometric design provides the shock absorption*
- *Forged tips for maximum grip*
- *Includes:*
  -(1) 1/2" Socket adapter
  -(1) 1/4" Magnetic nut driver
  -(1) 1/4" Shockwave Hex drive bit
  -(1) 1/8" Drill bit
  -(1) 3/16" Shockwave Hex drive bit
  -(1) 3/8" Magnetic nut driver
  -(1) 3/8" Socket adapter
  -(1) 5/16" Magnetic nut driver
  -(1) Shockwave™ Compact magnetic bit holder
  -Hex bits:
  1" (1) 1/4", (1) 1/8", (1) 3/16", (1) 5/32"
  -Phillips bits:
  1" (1) P1, (2) P2, (1) P3
  2" (4) P2, (1) P3
  -(1) Phillips reduced 1" PR2 bit
  -Slotted bits:
  1" (1) #10, (1) #8
  2" (1) #10
  -Square bits:
  1" (1) SQ1, (2) SQ2, (1) SQ3
  2" (1) SQ2, (1) SQ3
  -TORX® BITS:
  1" (1) T15, (1) T20, (2) T25
  2" (1) T20, (2) T25

Part #	Mfg #	Description	Price
173711	48-32-4006	40-Pc Shockwave Driver Bit Set	

SHOCKWAVE™ Impact Hex Drill Bit



- *Extreme durability: Thicker web provides greater strength and longer life*
- *Fast, accurate drilling: 135° split point tip starts on contact to prevent walking, while the parabolic flute clears chips fast*
- *Corrosion resistant: Black Oxide coating provides lubricity and resists corrosion of the bit*
- *Reduced down time: 1/4" Hex power groove shank offers quick bit changes*

Part #	Mfg #	Description	Price
164178	48-89-4401	1/16" SHOCKWAVE™ Impact Hex Drill Bit	
164187	48-89-4403	3/32" SHOCKWAVE™ Impact Hex Drill Bit	
164179	48-89-4405	1/8" SHOCKWAVE™ Impact Hex Drill Bit	
164188	48-89-4406	9/64" SHOCKWAVE™ Impact Hex Drill Bit	

Shockwave® Driver Bit Sets (Continued)

SHOCKWAVE™ Impact Hex Drill Bit

Part #	Mfg #	Description	Price
164180	48-89-4407	5/32" SHOCKWAVE™ Impact Hex Drill Bit	
164181	48-89-4409	3/16" SHOCKWAVE™ Impact Hex Drill Bit	
164182	48-89-4411	7/32" SHOCKWAVE™ Impact Hex Drill Bit	
164183	48-89-4413	1/4" SHOCKWAVE™ Impact Hex Drill Bit	
164184	48-89-4414	5/16" SHOCKWAVE™ Impact Hex Drill Bit	
164185	48-89-4415	3/8" SHOCKWAVE™ Impact Hex Drill Bit	
164186	48-89-4417	1/2" SHOCKWAVE™ Impact Hex Drill Bit	

Thunderbolt® Bits

Thunderbolt® Drill Bit Set



Part #	Mfg #	Description	Price
137838	48-89-2803	15-Pc Black Oxide Bit Set	

Thunderbolt® Black Oxide Drill Bit



- *Thunderbolt® web provides longer life and faster drill times*
- *Parabolic flute clears chips faster*
- *135° Split point, precision start no walking*

Part #	Mfg #	Diameter	Price
137807	48-89-2710	1/16"	
137808	48-89-2711	5/64"	
137809	48-89-2712	3/32"	
137810	48-89-2713	7/64"	
137812	48-89-2714	1/8"	
137813	48-89-2715	9/64"	
137815	48-89-2716	5/32"	
137816	48-89-2717	11/64"	
137817	48-89-2718	3/16"	
137818	48-89-2719	13/64"	
137819	48-89-2720	7/32"	

Drill Bits

Thunderbolt® Bits (Continued)

Thunderbolt® Black Oxide Drill Bit

Part #	Mfg #	Diameter	Price
137820	48-89-2721	15/64"	
137821	48-89-2722	1/4"	
137822	48-89-2723	17/64"	
137823	48-89-2724	9/32"	
137824	48-89-2725	19/64"	
137825	48-89-2726	5/16"	
137826	48-89-2727	21/64"	
137827	48-89-2728	11/32"	
137828	48-89-2729	23/64"	
137829	48-89-2730	3/8"	
137830	48-89-2731	25/64"	
137831	48-89-2732	13/32"	
137832	48-89-2733	27/64"	
137833	48-89-2734	7/16"	
137834	48-89-2735	29/64"	
137835	48-89-2736	15/32"	
137836	48-89-2737	31/64"	
137837	48-89-2738	1/2"	

Thunderbolt® Aircraft Length Black Oxide Drill Bit

- *Thunderbolt® web provides longer life and faster drill times*
- *Parabolic flute clears chips faster*
- *135° Split point, precision start no walking*



Part #	Mfg #	Diameter	Price
138278	48-89-2772	1/4" x 12"	

Flat Boring Bits & Accessories

Flat Boring Bit

- *Fluted bit clears chips*
- *Bores cleaner and faster*
- *Furnished with hole for use in wire pulling*
- *Flats for secure chuck grip*
- *Precision made of high carbon steel for durability and long life*



Part #	Mfg #	Dia	Shank Dia	Overall Length	Price
006918	48-27-0371	3/8"	1/4"	6-1/16"	

Flat Boring Bit Sets

8-Piece Universal Quik-Lok™ Flat Boring Bit Set

- *Includes the Universal Quik-Lok™*
- *Double wing spurs*
- *1/4" Quick change hex shank*



Part #	Mfg #	Description	Price
137800	49-22-0175	8-Pc Flat Boring Bit Set with 6" Extension	

Flat Boring Bit Kit

- *Contains (6) popular size flat boring bits in heavy protective plastic*
- *In pockets for orderly storage and easy size selection*



Part #	Mfg #	Sizes Include:	Price
006980	49-22-0071	3/8", 1/2", 5/8", 3/4", 7/8" & 1"	

Bit Kits

Contractors' Bit Kit

- *Assortment of self-feed bits for big hole drilling*
- *Includes impact resistant carrying case*



Part #	Mfg #	Description	Price
006982	49-22-0135	1-3/8", 1-1/2", 2-1/8", 2-9/16"	

Plumbers' Bit Kit

- *Complete assortment of the most commonly used Milwaukee® bits for big hole drilling*
- *Includes 5-1/2" 1-piece shank and coupling extension and carrying case*
- *Includes:*
  - *Self-feed bits: 1-3/4". 2-1/8" & 2-9/16"*
  - *Auger bits: 7/8", 1-1/8", 1-1/4" & 1-1/2"*



Part #	Mfg #	Sizes Include:	Price
140832	49-22-0065	7/8", 1-1/8", 1-1/4", 1-1/2" Auger Bits & 1-3/4", 2-1/8" & 2-9/16" Dia Self-feed Bits	

Drill Bits

Drill Accessories

Bellhanger Bit

- *Aggressive tip geometry for faster drilling*
- *Coated flutes for fast chip removal*
- *Wire pulling hole*
- *3-Flat shank*

Part #	Mfg #	Dia	OAL	Price
138408	48-13-7125	1/4"	12"	
140014	48-13-7225	1/4"	18"	
138666	48-13-7325	1/4"	24"	

Hole Saw Accessories

Rotary Hammer Bit

- *SDS Shank*



Part #	Mfg #	Size	Price
137647	48-20-7410	3/16" x 2" x 4"	
137648	48-20-7411	3/16" x 4" x 6"	
137649	48-20-7430	1/4" x 2" x 4"	
137650	48-20-7431	1/4" x 4" x 6"	
137651	48-20-7441	5/16" x 4" x 6"	
137652	48-20-7451	3/8" x 4" x 6"	
137653	48-20-7471	1/2" x 4" x 6"	

For 1/2" D-Handle & Larger Model Drill



Part #	Mfg #	Dia	Shank Type	Price
006907	48-25-1371	1-3/8"	7/16" Hex	
006911	48-25-2121	2-1/8"	7/16" Hex	

For 1/2" D-Handle & Larger Model Drill Except 1001-1 & 1007-1

Part #	Mfg #	Dia	Shank Type	Price
006912	48-25-2561	2-9/16"	7/16" Hex	

Switchblade™ 5-Piece Plumbers' Kit

- *Aggressive feed screw design*
- *Blades made with hardened steel*
- *Size and model number engraved on each bit*
- *Includes:*
  - *(4) Switchblade™ self-feed bit blades - 1-3/8", 1-1/2", 2-1/8" and 2-9/16"*
  - *(1) Universal Quik-Lok® extension - 5-1/2" x 7/16"*
  - *(1) Each replacement blades - 1-3/8", 1-1/2". 2-1/8", and 2-9/16"*
  - *(4) Feed screws*
  - *(4) Set screws*
  - *(1) Hex wrench*
  - *Removable storage case*
  - *Compact carrying case with handle*



Part #	Mfg #	Description	Price
149390	49-22-5100	5-Pc Switchblade Plumbers Kit	

Replacement Feed Screw Kit

- *For Switchblade™ selfeed bits*
- *Up to 2-9/16"*
- *Faster, more accurate drilling*



Part #	Mfg #	Description	Price
150897	48255275	Replacement Feed Screw Kit	

Drill Bits

Step Drill Bits

Step Drill Bit, Single Hole



- *JAM-FREE performance: Dual-flute design provides greater speed and control*
- *Up to 2X faster*
- *Rapid Strike™ Tip: creates fast, accurate starts and generates less heat*
- *Up to 4X longer bit life*
- *Up to 50% more holes per battery charge*
- *Laser-engraved reference marks*
- *3-Flat Secure-Grip™ shanks*

Part #	Mfg #	Description	Price
169382	48-89-9207	#7 Step Drill Bit, 7/8" Single Hole	

High Speed Steel Step Drill Bit



- *Jam-Free performance: Dual flute design provides greater speed and control*
- *Up to 2X faster: Optimized for cordless drills in high speed*
- *Rapid Strike™ Tip: Creates fast, accurate starts and generates less heat*
- *Up to 4X longer bit life: Optimized geometry with Black Oxide coating to cut faster and produce less heat*
- *Up to 50% more holes per battery charge: Greater user productivity*
- *Laser-engraved reference marks: Easily stop on any hole size*
- *3-Flat Secure-Grip™ shanks: Reduces bit slippage in the chuck*

Part #	Mfg #	Size	# of Holes	Price
140835	48-89-8960	1/4" x 1-3/8" x 1/8"	10	
169191	48-89-9201	#1 Step Drill Bit, 1/8" - 1/2" by 1/32"		
169381	48-89-9202	#2 Step Drill Bit, 3/16" - 1/2" by 1/16"		
169186	48-89-9203	#3 Step Drill Bit, 1/4" - 3/4" by 1/16"		
169187	48-89-9204	#4 Step Drill Bit, 3/16" - 7/8" by 1/16"		
169188	48-89-9206	#6 Step Drill Bi, 3/8" & 1/2" by 1/16"		
169189	48-89-9208	#8 Step Drill Bit, 1/2" - 1" by 1/16"		
169190	48-89-9209	#9 Step Drill Bit, 7/8" & 1-1/8"		
169383	48-89-9211	#11 Step Drill Bit, 7/8" - 1-7/32"		
169384	48-89-9212	#12 Step Drill Bit, 7/8" - 1-3/8"		

2-Piece Step Drill Bit Set



- *Includes:*
  - *(1) 13-Hole bit (48-89-9100)*
  - *(1) 9-Hole bit (48-89-9105)*

Part #	Mfg #	Description	Price
145131	48-89-9050	2-Pc Step Drill Bit Set	

3-Piece Step Drill Bit Set



- *Includes:*
  - *(1) 6-Hole bit (48-89-8955)*
  - *(1) 9-Hole bit (48-89-9105)*
  - *(1) 13-Hole bit (48-89-9100)*

Part #	Mfg #	Description	Price
145130	48-89-8990	3-Pc Step Drill Bit Set	

SDS Accessories

SDS Bit Assortment



- *Includes:*
  - *3/16" x 4-1/2"*
  - *1/4" x 6"*
  - *5/16" x 6"*
  - *3/8" x 6"*
  - *1/2" x 6"*
- *SDS Shank*
- *Carbide*

Part #	Mfg #	Description	Price
137655	48-20-7490	5-Pc SDS Bit Set	

SDS Bit - 44 Magnum™ Series



- *4-Fluted spiral shaft*

Part #	Mfg #	Bit Dia	Overall Length	Drilling Depth	Price
137646	48-20-7401	5/32"	4"	6"	
137657	48-20-7602	5/8"	6"	8"	

Drill Bits

SDS Bit with 1/4" Hex

- *2-Cutter head*
- *SDS Shank with hex shoulder for Tap-Con screw system*



Part #	Mfg #	Bit Dia	Overall Length	Drilling Depth	Price
137644	48-20-7091	5/32"	7"	4"	
137645	48-20-7092	3/16"	7"	4"	

Hammer Drill Bits

Carbide-Tip Hammer Drill Bit

Part #	Mfg #	Description	Price
137662	48-20-8810	1/4" x 2" x 4" with Hex Shank	

Three-Flat Secure-Grip™ Hammer Drill Bit

- *Fast drilling, long life*
- *3-Flat Secure-Grip™ prevents bit from slipping in the chuck*

Part #	Mfg #	Size	Price
137665	48-20-8821	3/8" x 4" x 6"	
137658	48-20-8800	1/8" x 1-1/2" x 3"	
137663	48-20-8811	1/4" x 4" x 6"	
137659	48-20-8801	5/32" x 4" x 6"	
137660	48-20-8805	3/16" x 2" x 4"	
137661	48-20-8806	3/16" x 4" x 6"	
137664	48-20-8816	5/16" x 4" x 6"	
137666	48-20-8830	1/2" x 4" x 6"	

5-Piece, 3-Flat Secure-Grip™ Hammer-Drill Bit Set

- *Comprehensive offering with diameters from 1/8" to 1" with lengths up to 18"*



Part #	Mfg #	Description	Price
137667	48-20-8851	Bit Hammer-Drill Kit	

PASCO

Drill Bits

Straight Shank Drill Bit

- *Jobbers length for high speed*
- *For wood or metal*
- *General purpose*



Part #	Mfg #	Size	Price
052311	4714	1/2"	

LENOX

All-In-One Screwdrivers



23931



23932

Part #	Mfg #	Description	Price
096916	23931	6-In-1	
094730	23932	9-In-1	

Malco

Screwdrivers

Regular Grip Screwdriver - Electrical Style



Part #	Mfg #	Blade Dia	Blade Length	Price
006380	C22M	1/8"	2"	

Screwdrivers & Bits

Nut Drivers

CONNEXT™ Pre-Assembled Magnetic Hex Driver - Long Lengths



- *CONNEXT™ Quick change handles*
- *Magnetic hex chuck driver shaft components*
- *Use with Zip-In® and "A" hex head screws*

Part #	Mfg #	Hex Dia	Shaft Length	Grips	Price
006416	HHD1	1/4"	6-7/8"	Red	
006417	HHD2	5/16"	6-7/8"	Yellow	

CONNEXT™ Pre-Assembled Magnetic Hex Driver - Standard Lengths



- *CONNEXT™ Quick change handles*
- *Magnetic hex chuck driver shaft components*
- *Use with Zip-In® and "A" hex head screws*

Part #	Mfg #	Hex Dia	Shaft Length	Grips	Price
132792	HHD1S	1/4"	3"	Red	

CONNEXT™ Pre-Assembled Magnetic Hex Driver - Stubby



- *CONNEXT™ Quick change handle*
- *Magnetic hex chuck driver shaft components*
- *Use with Zip-In® and "A" hex head screws*

Part #	Mfg #	Hex Dia	Shaft Length	Grips	Price
132795	HHD2T	5/16"	2-1/4"	Yellow	

Power Bits

Phillips Power Bit



- *1/4" Shank diameter*

Part #	Mfg #	Point Size	O/A Length	Price
006444	MBLP3	2	1-15/16"	

Magnetic Hex Driver Bit



- *1/4" Shank diameter*

Part #	Mfg #	Hex Opening	Nose Diameter	Price
006447	MSH1/4	1/4"	7/16"	
006449	MSH5/16	5/16"	1/2"	
006448	MSH3/8	3/8"	9/16"	

Long Style Hex Driver Bit



- *1/4" Shank diameter*

Part #	Mfg #	Hex Opening	Nose Dia	Qty	Price
006446	MSHL1/4	1/4"	7/16"	1	
025655	MSHL5/16	5/16"	1/2"	1	

Extra Long Style Hex Driver Bit



- *1/4" Shank diameter*

Part #	Mfg #	Hex Opening	O/A Length	Price
025042	MSHML1/4	1/4"	4"	
023240	MSHXL1/4	1/4"	6"	
096867	MSHXL5/16	5/16"	6"	

Power Bit Extension



- *Ball bearing on holder provides a positive lock on 1/4" hex*
- *Tempered steel*
- *Black finish*
- *9/16" Nose diameter*

Part #	Mfg #	Hex Opening	O/A Length	Price
006378	BHE6	1/4"	6"	
006377	BHE10	1/4"	10"	

Power Driver Hex Adapters

Quick Change Hex Adapter



Part #	Mfg #	Hex Dia	Shank Dia	O/A Length	Price
006407	HAD1	1/4"	3/4"	1-3/4"	

Screwdrivers & Bits

Screwdrivers

#1 Philips - 3" Screwdriver



- *Wrench ready HEX shanks deliver additional leverage*
- *Forged tool shanks deliver more durability and longer life*
- *Wire bending hole- bend up to 12 gauge wire*
- *Wire stripper (Patent Pending)- strip up to 12 gauge wire*
- *Visible ID markings allows for quick tool identification on jobsite*

Part #	Mfg #	Description	Price
169658	48-22-2011	#1 Philips - 3" Screwdriver	

#2 Philips- 4" Screwdriver



- *Wrench ready HEX shanks deliver additional leverage*
- *Forged tool shanks deliver more durability and longer life*
- *Wire bending hole - bend up to 12 gauge wire*
- *Wire stripper (Patent Pending) - strip up to 12 gauge wire*
- *Visible ID markings allow for quick tool identification on jobsite*

Part #	Mfg #	Description	Price
169659	48-22-2012	#2 Philips - 4" Screwdriver	

#3 Philips - 6" Screwdriver



- *Wrench ready HEX shanks deliver additional leverage*
- *Forged tool shanks deliver more durability and longer life*
- *Wire bending hole - bend up to 12 gauge wire*
- *Wire stripper (Patent Pending) - strip up to 12 gauge wire*
- *Visible ID markings allows for quick tool identification on jobsite*

Part #	Mfg #	Description	Price
169660	48-22-2013	#3 Philips - 6" Screwdriver	

Multi-Tip 11-in-1 Screwdriver



- *Features ECX™ bits and hardened tips*
- *Includes:*
  - *(9) Bits and nut drivers*
  - *Integrated gut hook*
  - *Integrated wire stripper*
  - *Wire bending hole - bends up to 12 gauge wire*

Part #	Mfg #	Description	Price
137586	48-22-2113	Screwdriver/Nut Driver	

10IN1 SAE HEX Key Driver



- *Milwaukee® SAE Hex key driver offers improved functionality vs. traditional folding keys*
- *3-1/2" Power groove bits for power tool compatibility*
- *Revolver style bit storage and selection*
- *Up to 10ga wire stripper and loop maker for additional jobsite functionality*
- *Chrome plated bits*
- *Magnetic bit retention delivers consistent driving performance*
- *Wrench ready HEX shanks deliver additional leverage*
- *Includes:*
  -(1) 10IN1 Handle
  -(1) 3 1/2" HEX x 1/4"
  -(1) 3 1/2" HEX x 1/8"
  -(1) 3 1/2" HEX x 3/16"
  -(1) 3 1/2" HEX x 5/32"
  -(1) 3 1/2" HEX x 7/32"
  -(1) 3 1/2" HEX x 7/64"
  -(1) 3 1/2" HEX x 9/64"

Part #	Mfg #	Description	Price
163154	48-22-2104	10IN1 SAE HEX Key Driver	

10IN1 Metric HEX Key Driver



- *Milwaukee® Metric HEX key driver offers improved functionality vs. traditional folding keys*
- *3-1/2" Power groove bits for power tool compatibility*
- *Revolver style bit storage and selection*
- *Up to 10ga wire stripper and loop maker for additional jobsite functionality*
- *Chrome plated bits*
- *Magnetic bit retention delivers consistent driving performance*
- *Wrench ready HEX shanks deliver additional leverage*
- *Includes:*
  -(1) 10IN1 Handle
  -(1) 3 1/2" HEX x 1.5mm
  -(1) 3 1/2" HEX x 2mm
  -(1) 3 1/2" HEX x 2.5mm
  -(1) 3 1/2" HEX x 3mm
  -(1) 3 1/2" HEX x 4mm
  -(1) 3 1/2" HEX x 5mm
  -(1) 3 1/2" HEX x 6mm

Part #	Mfg #	Description	Price
163155	48-22-2106	10IN1 Metric HEX Key Driver	

Screwdrivers & Bits

10IN1 TORX® Key Driver



- *Milwaukee® TORX® Key Driver offers improved functionality vs. traditional folding keys*
- *3-1/2" Power groove bits for power tool compatibility*
- *Revolver style bit storage and selection*
- *Up to 10ga wire stripper and loop maker for additional jobsite funtionality*
- *Chrome plated bits*
- *Magnetic bit retntion delivers consistent driving performance*
- *Wrench ready HEX shanks deliver additional leverage*
- *Includes:*
  -(1) 10IN1 Handle
  -(1) 3 1/2" TORX® T8
  -(1) 3 1/2" TORX® T10
  -(1) 3 1/2" TORX® T15
  -(1) 3 1/2" TORX® T20
  -(1) 3 1/2" TORX® T25
  -(1) 3 1/2" TORX® T27
  -(1) 3 1/2" TORX® T30

Part #	Mfg #	Description	Price
162804	48-22-2103	10IN1 TORX® Key Driver	

10 IN 1 Square Drive Ratcheting Multi Bit Driver



- *All metal high torque ratchet delivers more durability and 2X driving speed*
- *3 1/2" Power groove bits for power tool compatibility*
- *Revolver style bit storage and selection*
- *Up to 10ga wire stripper and loop maker*
- *Chrome plated bits*
- *Magnetic bit retention delivers consistent driving performance*
- *Includes:*
  -(1) 10in1 Ratchet handle
  -(1) 3 1/2" Phillips #1
  -(1) 3 1/2" Phillips #2
  -(1) 3 1/2" Slotted 1/4"
  -(1) 3 1/2" Slotted 3/16"
  -(1) 3 1/2" Square drive #1
  -(1) 3 1/2" Square drive #2
  -(1) 3 1/2" Square drive #3

Part #	Mfg #	Description	Price
169218	48-22-2302	10 IN 1 Square Drive Ratcheting Multi Bit Driver	

10IN1 ECX™ Ratcheting Multi Bit Driver



- *All metal high torque ratchet delivers more durability and 2X driving speed*
- *3 1/2" Power groove bits for power tool compatibility*
- *Revolver style bit storage and selection*
- *Up to 10ga wire stripper and loop maker*
- *Chrome plated bits*
- *Magnetic bit retention delivers consistent driving performance*
- *Includes:*
  -(1) 10IN1 Ratchet handle
  -(1) 3 1/2" ECX™ #1
  -(1) 3 1/2" ECX™ #2
  -(1) 3 1/2" Phillips #1
  -(1) 3 1/2" Phillips #2
  -(1) 3 1/2" Slotted 1/4"
  -(1) 3 1/2" Slotted 3/16"
  -(1) 3 1/2" Square Drive #2

Part #	Mfg #	Description	Price
162815	48-22-2301	10IN1 ECX™ Ratcheting Multi Bit Driver	

8-Piece Screwdriver Set

- *Includes:*
  - 4" #1 & #2 ECX™
  - 3" & 4" #1 & #2 Phillips
  - 4" & 6" 1/4" & 5/16" Slotted
  - 3" & 6" 3/16" Cabinet



Part #	Mfg #	Description	Price
137587	48-22-2008	Steel Cap	

Shockwave® Impact Duty™ Bits

- *Steel heat treated to control hardness*
- *Forged tip for maximum grip*
- *Geometric design provides the shock absorption zone*

Shockwave® Reduced Diameter Drywall Phillips Insert Bit



Part #	Mfg #	Dia	Lgth	Pkg Qty	Phillips	Price
141257	48-32-4444	1/4"	1"	2	#2	

Screwdrivers & Bits

Shockwave® Impact Duty™ Phillips Insert Bit



48-32-4411

Part #	Mfg #	Dia	Lgth	Pkg Qty	Phillips	Price
141251	48-32-4411	1/4"	1"	2	#1	
141255	48-32-4601	1/4"	1"	5	#2	
141256	48-32-4413	1/4"	1"	2	#3	

Shockwave® Impact Duty™ Phillips Power Bit



Part #	Mfg #	Dia	Lgth	Pkg Qty	Phillips	Price
141259	48-32-4602	1/4"	2"	5	#2	

SHOCKWAVE™ Impact Phillips #2 Insert Bits (Contractor Pack)



Part #	Mfg #	Description	Price
164171	48-32-4604	Impact Phillips #2 Insert Bits - Contractor Pack (25QTY)	

Shockwave® Impact Duty™ Square Recess Insert Bit



48-32-4421



48-32-4471

Part #	Mfg #	Dia	Lgth	Pkg Qty	Phillips	Price
141262	48-32-4421	1/4"	1"	2	#1	
141266	48-32-4471	1/4"	2"	1	#1	
141263	48-32-4422	1/4"	1"	2	#2	
141265	48-32-4605	1/4"	1"	5	#2	
141268	48-32-4606	1/4"	2"	5	#2	
141264	48-32-4423	1/4"	1"	2	#3	
141269	48-32-4473	1/4"	2"	1	#3	
141270	48-32-4572	1/4"	3-1/2"	1	#2	

Shockwave® Torx® Power Bit



Part #	Mfg #	Dia	Lgth	Pkg Qty	Torx	Price
141271	48-32-4483	1/4"	2"	1	T15	

Shockwave® Impact Duty™ Bits (Continued)

Shockwave® Torx® Power Bit

Part #	Mfg #	Dia	Lgth	Pkg Qty	Torx	Price
141274	48-32-4487	1/4"	2"	1	T30	

Shockwave® Bit Sets

22-Piece Shockwave® Puck Bit Dispenser



- *Includes:*
  - *Magnetic bit holder*
  - *Phillips: (1) #1, (3) #2, (2) #*
  - *Square recess: (1) #1, (3) #2, (1) #3*
  - *Torx: (1) T10, (1) T15, (1) T20, (1) T25, (1) T27, (1) T30*
  - *Slotted: (1) 1/8", (1) 3/16", (1) 1/4", (1) 9/32"*

Part #	Mfg #	Description	Price
143668	48-32-4011	22-Piece Shockwave® Puck Bit Dispenser	

11-Piece Shockwave® Impact Duty™ 30° Knuckle™ Pivoting Bit Holder Bit Set



- *Locks at 0° or 30° angle*
- *Designed for use with Shockwave® Impact Duty™ 1/4" hex accessories*
- *Maximum torque: 2,000 in-lbs*
- *Includes:*
  - *Phillips bits: 1" P Shockwave® 30° Knuckle™ pivoting bit holder 1, P2 & P3*
  - *Square bits: 1" SQ1 & SQ2*
  - *Slotted bits: 1" SL1/8", SL 3/16", SL1/4", SL9/32"*
  - *Torx® bits: 1" T25*

Part #	Mfg #	Description	Price
146101	48-32-2301	11-Pc Shockwave Bit Set & Knuckle Bit Holder	

Shockwave® Impact Duty™ Nut Driver

Shockwave® Impact Duty™ Magnetic Nut Driver

- *Steel heat treated to control hardness*
- *Color-coded rings for size identification*
- *Chamfered edge*



49-66-4502



49-66-4503



49-66-4535

Part #	Mfg #	Size	Pkg Qty	Price
141231	49-66-4502	1/4" x 1-7/8"	1	
140360	49-66-4503	5/16" x 1-7/8"	1	

Screwdrivers & Bits

Shockwave® Impact Duty™ Nut Driver (Continued)

Shockwave® Impact Duty™ Magnetic Nut Driver

Part #	Mfg #	Size	Pkg Qty	Price
141245	49-66-4525	3/8" x 1-7/8"	3	
141246	49-66-4526	7/16" x 1-7/8"	3	

SHOCKWAVE™ Square Socket Adapter



- *Proprietary steel and heat treat process for maximum strength and durability*
- *Heavy duty construction for fastening capabilities in all impacts*

Part #	Mfg #	Description	Price
164155	48-32-5030	SHOCKWAVE™ 1/4" Hex to 1/4" Square Socket Adapter	
164157	48-32-5032	SHOCKWAVE™ 1/4" Hex to 1/2" Square Socket Adapter	

Bit Sets

38-Piece Universal Quik-Lok™ Drill & Drive Set



- *Universal Quik-Lok™ locks-in double ended, insert, and power groove drill bits*
- *Made of premium grade S2 tool steel*
- *Titanium hex shank bits*
- *Magnetic nut drivers*

Part #	Mfg #	Description	Price
138409	48-32-1500	38-Pc Quick-Lok™ Drill & Drive Set	

4-Piece Replacement Bit Set



- *Universal fit*
- *Includes:*
  - *ECX Bit #1 & #2*
  - *Phillips #1 & #2*
  - *Slotted 3/16" & 1/4"*
  - *Square #1 & #2*

Part #	Mfg #	Description	Price
142609	48-22-2110	4-Pc Replacement Bit Set	

Nut Drivers

Hollow Shaft Nut Driver



- *Universal driver head fits 4X more fasteners*
- *Removes rusted and stripped bolts*
- *3" Hollow shaft depth*
- *Wrench ready HEX shanks deliver additional leverage*
- *Chrome plated - marine grade rust protection*
- *Forged steel shanks provide longer life and more durability*
- *Deep well sockets*
- *Multiple ID markings allow for quick tool identification on jobsite*

Part #	Mfg #	Description	Price
163305	48-22-2421	1/4" HollowCore Driver	
163306	48-22-2422	5/16" HollowCore Driver	

HollowCore™ Magnetic Nut Driver



- *HollowCore™ unlimited depth*
- *Magnteic drivers*
- *Universal driver head fits 4X more fasteners*
- *Removes rusted and stripped bolts*
- *Color coded ID markings allow for quick tool identification on jobsite*
- *Wrench ready HEX shanks deliver additional leverage*
- *Chrome plated- marine grade rust protection*
- *Forged steel shanks provide longer life and more durability*
- *Deep well sockets*

Part #	Mfg #	Description	Price
162644	48-22-2521	1/4" HollowCore™ Magnetic Nut Driver	
162645	48-22-2522	5/16" HollowCore™ Magnetic Nut Driver	
162646	48-22-2524	3/8" HollowCore™ Magnetic Nut Driver	
162817	48-22-2525	7/16" HollowCore™ Magnetic Driver	
162818	48-22-2526	1/2" HollowCore™ Magnetic Driver	
162819	48-22-2527	9/16" HollowCore™ Magnetic Driver	
162816	48-22-2523	11/32" HollowCore™ Magnetic Driver	

2PC SAE Hollow Shaft Nut Driver Set

- *Universal driver head fits 4X more fasteners*
- *Removes rusted and stripped bolts*
- *3" Hollow shaft depth*
- *Wrench ready HEX shanks deliver additional leverage*
- *Chrome Plated- marine grade rust protection*
- *Multiple ID markings allow for quick tool identification on jobsite*



Part #	Mfg #	Description	Price
163307	48-22-2402	2PC HollowCore Driver	

LUTZ SINCE 1904

Screwdrivers

4-In-One Pocket Mini Screwdriver

- *Includes:*
  - *3/32" & 1/16" Slotted bit*
  - *#0 & #000 Phillips bit*



Part #	Mfg #	Color	Price
136199	24008	Black/Yellow	

6-In-One Screwdriver

- *Includes:*
  - *1/4" & 3/16" Slotted bit*
  - *#1 & #2 Phillips bit*
  - *1/4" & 5/16" Hex nut driver*



Part #	Mfg #	Color	Price
028106	24006	Red	

KLEIN TOOLS

Cushion Grip Screwdrivers

Stubby Heavy-Duty Square Shank Screwdriver - Keystone Tip



Part #	Mfg #	Shank Tip	Shank Length	Overall Length	Price
111152	600-1	1/4"	1-1/2"	3-7/16"	

Heavy-Duty Square Shank Screwdriver - Keystone Tip



Part #	Mfg #	Shank Tip	Shank Length	Overall Length	Price
107644	600-4	1/4"	4"	8-11/32"	

Round Shank Screwdriver - Cabinet Tip



Part #	Mfg #	Shank Tip	Shank Length	Overall Length	Price
107645	601-6	3/16"	6"	9-3/4"	
115682	601-10	3/16"	10"	13-3/4"	

Heavy-Duty Round Shank Screwdriver - Keystone Tip



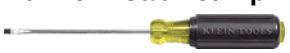
Part #	Mfg #	Shank Tip	Shank Length	Overall Length	Price
107646	602-6	5/16"	6"	10-15/16"	

Miniature Cushion Grip Screwdriver - Phillips Tip



Part #	Mfg #	Tip Size	Shank Length	Overall Length	Price
120232	604-3	#0	3"	5-3/4"	

Miniature Cushion Grip Screwdriver - Cabinet Tip



Part #	Mfg #	Tip Size	Shank Length	Overall Length	Price
121303	607-3	3/32"	3"	5-3/4"	
121432	608-4	1/8"	4"	6-3/4"	

Stubby Round Shank Screwdriver - Profilated® Phillips Tip



Part #	Mfg #	Point Size	Shank Length	Overall Length	Price
111153	603-1	#2	1-1/2"	3-7/16"	

Screwdrivers & Bits

Round Shank Screwdriver - Profilated® Phillips Tip

- *B - Wire bending*



Part #	Mfg #	Point Size	Shank Length	Overall Length	Price
106813	603-4	#2	4"	8-5/16"	
114527	603-6	#3	6"	11"	
115681	603-10	#2	10"	14-5/16"	

Cushion Grip Screwdriver Sets

4-Piece Mini Cushion Grip Screwdriver Set

- *Includes:*
  - *604-3 Phillips tip #0*
  - *606-2 Keystone tip 1/16"*
  - *607-3 Cabinet tip 3/32"*
  - *608-3 Cabinet tip 1/8"*



Part #	Mfg #	Description	Price
106815	85484	4-Piece Mini Driver Set	

8-Piece Cushion Grip Screwdriver Set

- *Includes (1) cabinet-tip, (3) keystone-tip, (4) Phillips-tip screwdrivers in styles:*
  - *600-1*
  - *601-3*
  - *600-4*
  - *602-6*
  - *603-1*
  - *603-3*
  - *603-4*
  - *603-6*



Part #	Mfg #	Description	Price
113764	85078	8-Piece Set	

Screw-Holding Screwdrivers

Slotted Screw-Holding Screwdriver



Part #	Mfg #	Shank Tip	Shank Length	Overall Length	Price
106814	K36	1/4"	6"	9-3/4"	

Cushion Grip Nut Drivers

Stubby Nut Driver - 1-1/2" Hollow Shank

- *Full hollow shank for long bolts or studs*
- *Meets or exceeds applicable AMSE/ANSI specifications*



Part #	Mfg #	Size	Price
106819	610-1/4	1/4"	
106820	610-5/16	5/16"	

Magnetic Tip Stubby Nut Driver - 1-1/2" Hollow Shank

- *Rare Earth magnetic tip*
- *Full hollow shank for long bolts or studs*
- *Meets or exceeds applicable AMSE/ANSI specifications*



Part #	Mfg #	Size	Price
109254	610-1/4M	1/4"	
109255	610-5/16M	5/16"	

Magnetic Tip Nut Driver - 3" Hollow Shank

- *Rare Earth magnetic tip*
- *Handle end is color-coded for easy identification*
- *Chrome-plated*



Part #	Mfg #	Size	Price
109256	630-1/4M	1/4"	
109257	630-5/16M	5/16"	

Nut Driver - 3" Hollow Shank

- *Standard length for most applications*
- *Fits over long bolts and studs*



Part #	Mfg #	Size	Price
106818	630-1/4	1/4"	
106817	630-5/16	5/16"	
111184	630-3/8	3/8"	
111185	630-7/16	7/16"	

Screwdrivers & Bits

Cushion Grip Nut Drivers (Continued)

Nut Driver - 3" Hollow Shank

Part #	Mfg #	Size	Price
111183	630-1/2	1/2"	
111154	630-5/8	5/8"	

Magnetic Tip Nut Driver - 6" Hollow Shank

- *Rare Earth magnetic tip*
- *Handle end is color-coded for easy identification*
- *Chrome-plated*



Part #	Mfg #	Hex Size	Shaft Lgth	Price
110347	646-1/4M	1/4"	6"	
110346	646-5/16M	5/16"	6"	
112223	618-5/16M	5/16"	18"	

Cushion Grip Nut Driver Sets

Magnetic Tip Stubby Nut Driver Set - 1-1/2" Hollow Shank



- *Full hollow shank for long bolts or studs*
- *Meets or exceeds applicable AMSE / ANSI specifications*

Part #	Mfg #	Description	Price
125143	610M	1/4" & 5/16"	

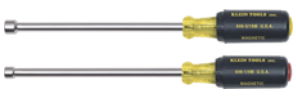
Magnetic Tip Nut Driver Set - 3" Hollow Shank



- *Rare Earth magnetic tip*
- *Cushion grip handle*
- *Color-coded handle end*
- *Internal flanges provide solid, twist-resistant shaft anchor*
- *Chrome-plated shaft helps prevent corrosion*

Part #	Mfg #	Description	Price
125644	630M	1/4" & 5/16"	

Magnetic Tip Nut Driver Set - 6" Hollow Shank



- *Rare Earth magnetic tip*
- *Handle end is color-coded for easy identification*
- *Chrome-plated*

Part #	Mfg #	Description	Price
106816	646M	1/4" & 5/16"	

4-Piece Nut Driver Set - 3" Hollow Shank



- *Color-coded handle end*
- *Cushion grip handle*
- *Chrome-plated*
- *Internal flanges provide solid, twist-resistant shaft anchor*

Part #	Mfg #	Description	Price
141334	633	1/4", 5/16", 3/8" & 9/16"	

7-Piece Magnetic Tip Cushion Grip Nut Driver Set



Part #	Mfg #	Description	Price
111285	631M	3" Shank	

Screwdriver/Nut Driver Combinations

10-in-1 Screwdriver/Nut Driver

- *End of handle is marked to quickly identify tool*
- *Includes:*
  - *5/16" & 1/4" Nut drivers*
  - *#1 & #2 Phillips*
  - *1/4" & 3/16" Slotted*
  - *#10 & #15 TORX®*
  - *#1 & #2 Square-recess*
- *Cushion grip handle*



Part #	Mfg #	Description	Price
107643	32477	10-in-1 Screwdriver/Nut Driver	

Screwdrivers & Bits

11-in-1 Screwdriver/Nut Driver

- *End of handle is marked to quickly identify tool*
- *Includes:*
  - *3/8", 5/16" & 1/4" Nut drivers*
  - *#1 & #2 Phillips*
  - *1/4" & 3/16" Slotted*
  - *#10 & #15 TORX®*
  - *#1 & #2 Square-recess*
- *Cushion grip handle*



Part #	Mfg #	Description	Price
113299	32500	11-in-1 Screwdriver/Nut Driver	

10-Fold™ 10-in-1 Screwdriver/Nut Driver

- *Folding pocket-style 10-in-1 tool with interchangeable bits - (8) screwdriver sizes and (2) nut drivers*
- *Unfolds and locks at a 180° angle to provide a straight screwdriver*
- *Blast finish steel bits provide a firm hold to the fastener to reduce cam-out*
- *Contains:*
  - *5/16" & 1/4" Nut drivers*
  - *#1 & #2 Phillips*
  - *1/4" & 3/16" Slotted*
  - *T10 & T15 TORX*
  - *#1 & #2 Square-recess*



Part #	Mfg #	Description	Price
130688	32535	10-Blade Folding Screwdriver	

11-in-1 Screwdriver/Nut Driver with Valve Removal/ Installation Bit

- *Includes a TR-4 Schrader® valve core installation/ removal and core extractor bit*
- *End of handle is marked to quickly identify tool*
- *Includes:*
  - *3/8", 5/16" & 1/4" Nut drivers*
  - *#1 & #2 Phillips*
  - *1/4" & 3/16" Slotted*
  - *#1 & #2 Square*
  - *Schrader valve core removal/ installation - extractor*
- *Cushion grip handle*



Part #	Mfg #	Description	Price
130822	32527	11-in-1 Screwdriver/Nut Driver w/Schrader Valve Core Tool	

Magnetic Screwdriver with 32-Piece Bit Set

- *Non-ratcheting screwdriver*
- *Tamperproof bit set in block includes:*
  - *TORX® - T7, T8, T10, T15, T20, T25, T27, T30, and T40*
  - *Fraction hex - 3/32" 7/64", 1/8", 9/64", 5/32", and 3/16"*
  - *Metric hex - 2mm, 2.5mm, 3mm, 4mm, and 5mm*
  - *Spanner - 4, 6, 8, and 10*
  - *Tri-Wing® - 1, 2, 3, and 4*
  - *TORQ-SET® - 6, 8, and 10*
  - *1/4" Square to 1/4" hex adapter to drive sockets*
- *Cushion grip handle*



Part #	Mfg #	Description	Price
114766	32510	Screwdriver w/32-Pc Bit Set	

Drill Bits

32-Piece Standard Tip Bit Set

- *Chrome-plated*
- *Internal flanges*
- *Heat-treated shaft*
- *Precision-machined tip*
- *Patented Tip-Ident® quickly identifies the screwdriver type and tip orientation*
- *PVC Black block for storage*
- *Block slides over most screwdriver shafts for easy bit access and installation*
- *Industrial strength, heat-treated bits*
- *Includes:*
  - *Hex bits: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32" and 3/16"*
  - *Phillips bits: #0, #1, #2, and #3*
  - *Square recess bits: #1, #2 and #3*
  - *TORX® bits: T6, T7, T8, T10, T15, T20 and T25*
  - *Slotted bits: 3-4, 5-6, 6-8, 8-10, 10-12, and 12-14*
  - *Clutch bits: 5/32" and 3/16"*
  - *1/4" Square to 1/4" hex adapter to drive sockets*



Part #	Mfg #	Description	Price
114768	32526	32-Piece Bit Set	

Screwdrivers & Bits

Slide Drivers

Slide Driver

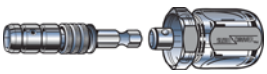
- *1/4" Driver and 5/16" driver-in-one tool*
- *Magnetized*



Part #	Mfg #	Description	Price
136605	SD-10	10" Length	

Bit Driver Slide Driver

- *Fits into your drill*
- *Magnetized*
- *Thumb nut safety lock for slide driver*
- *1/4" Driver and 5/16" driver-in-one tool*



Part #	Mfg #	Description	Price
137282	SDBD-1	3" Length	

PlumBest® Jones Stephens Corp.

Power Bits

Phillips Bit



Part #	Mfg #	Description	Price
041954	S41-306	#2 Point, 1/4" Hex, 1" Long	

LENOX

Hole Saws

Bi-Metal Hole Saws

TUFF TOOTH™

- *TUFF TOOTH™ design is reinforced to cut stronger and last longer*
- *Patented VARI-TOOTH® design resists tooth strippage*
- *High speed steel teeth resist breaking and offer extended life*



Use Arbor 1L, 1SL, 4L or 5L

- *(1) Per box*

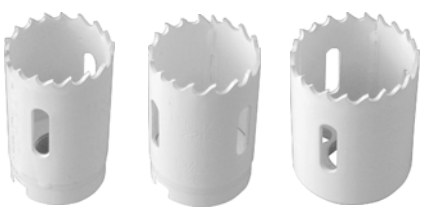


10L 11L 12L 14L

Part #	Mfg #	Dia	Pipe Tap	Pipe Entr	Price
089115	30010-10L	5/8"	-	-	
078170	30011-11L	11/16"	-	-	
006288	30012-12L	3/4"	1/2"	3/8"	
006294	30014-14L	7/8"	3/4"	1/2"	
006296	30016-16L	1"	-	-	
006298	30018-18L	1-1/8"	1"	3/4"	

Use Arbor 2L, 2SL, 3L or 6L

- *(1) Per box*



20L 22L 24L

Part #	Mfg #	Dia	Pipe Tap	Pipe Entr	Price
006300	30020-20L	1-1/4"	-	-	
006304	30022-22L	1-3/8"		1"	
006307	30024-24L	1-1/2"	1-1/4"	-	

Hole Saws

Use Arbor 2L, 2SL, 3L, 6L or 7L

- *(1) Per box*


28L


76L

Part #	Mfg #	Dia	Pipe Tap	Pipe Entr	Price
006308	30026-26L	1-5/8"	-	-	
006309	30028-28L	1-3/4"	1-1/2"	1-1/4"	
006311	30030-30L	1-7/8"	-	-	
006318	30032-32L	2"	-	1-1/2"	
006324	30034-34L	2-1/8"	-	-	
006325	30036-36L	2-1/4"	2"	-	
080342	30038-38L	2-3/8"	-	-	
006329	30040-40L	2-1/2"	-	2"	
074661	30041-41L	2-9/16"	-	-	
006333	30042-42L	2-5/8"	2-1/2"	-	
006336	30044-44L	2-3/4"	-	-	
006337	30046-46L	2-7/8"	-	-	
006341	30052-52L	3-1/4"	3"	-	
006342	30056-56L	3-1/2"	-	-	
006344	30058-58L	3-5/8"	-	3"	
006346	30060-60L	3-3/4"	3-1/2"	-	
006355	30064-64L	4"	-	-	
006357	30066-66L	4-1/8"	-	3-1/2"	
006359	30068-68L	4-1/4"	4"	-	
006361	30072-72L	4-1/2"	-	-	
006362	30076-76L	4-3/4"	4-1/2"	-	
020254	30080-80L	5"	-	-	
045591	30096-96L	6"	-	-	

Carbide Tipped Hole Saw - Lenox® Blue

- *Cuts abrasive materials, lasts up to 10 times longer than standard*
- *Uses standard arbors, recommend carbide tipped pilot drill*

Use Arbor 1L, 1SL or 4L

- *(1) Per box*



Part #	Mfg #	Dia	Pipe Tap	Pipe Entr	Price
006297	30218-18CT	1-1/8"	1"	3/4"	

Use Arbor 2L or 2SL

- *(1) Per box*


22CT


24CT

Part #	Mfg #	Dia	Pipe Tap	Pipe Entr	Price
045833	30220-20CT	1-1/4"	-	-	
006303	30222-22CT	1-3/8"	-	1"	
022412	30224-24CT	1-1/2"	1-1/4"	-	

Use Arbor 2L, 2SL or 7L

- *(1) Per box*


58CT


66CT

Part #	Mfg #	Dia	Pipe Tap	Pipe Entr	Price
006328	30240-40CT	2-1/2"		2"	
065796	30241-41CT	2-9/16"	-	-	
043574	30258-58CT	3-5/8"		3"	
099663	30264-64CT	4"	-	-	
033467	30266-66CT	4-1/8"		3-1/2"	

Diamond™ Hole Saw - 1-Piece

- *For use on tile and stone*
- *Continuous brazed edge*
- *Over-sized slot in hole saw for easy plug removal*
- *No arbor required*



Part #	Mfg #	Dia	Pipe Tap	Pipe Entr	Price
118297	121074DGDS	1/4"	-	-	
118303	1211416DGDS	1"	-	-	
118304	1211622DGDS	1-3/8"	-	1"	
118309	1211722DGDS	1-3/8"	-	-	
118310	1211824DGDS	1-1/2"	-	-	

Hole Saws

Hole Saw Arbor

- *7L "Ejector Arbor" makes removal of material from inside of hole saw easier*



1L 2L 3L 4L 5L 6L

Part #	Mfg #	Fits Hole Saws	Size	Shank	Price
006284	1779774 1L	9L-19L	1/2"	Hex	
006299	1779801 2L	20L-96L	1/2"	Hex	
006310	1779802 3L	20L-96L	1/2"	Hex	
006327	1779803 4L	20L-96L	1/2"	Solid/Hex	
006339	1779804 5L	9L-19L	3/8"	Hex	
006345	1779805 6L	20L-96L	3/8"	Hex	

Pilot Drill Bit

Part #	Mfg #	Fits Arbor #	Chuck Size	Pack	Price
058242	30297-123CT	1L,2L,4L,7L	1/4"	1	
006335	1779771	1L, 2L, 4L	1/4"	1	
006343	1779810	3L,5L,6L,7L	1/4"	25	

T-2 Technology Snap-Back™ Arbor

- *Hex shank*
- *Faster and easier to engage/disengage hole saw*
- *Drives off pins, not threads*
- *No tools needed - prevents hole saw from locking on arbor*
- *Arbor threads directly into all hole saws*



Part #	Mfg #	Fits Hole Saws	Thread Size	Price
125100	1779772	20L-96L	5/8"-18	
125101	1779669	9L-19L	1/2"-20	
125102	1779670	20L-96L	5/8"-18	

One Tooth™ Wood Hole Cutter

- *3 Times faster than regular hole saws*
- *Safer/less torque than self feed bits*
- *Easy plug ejection*
- *Cuts wet, frozen, pressure treated and hard wood without binding*
- *Can be resharpened*



Part #	Mfg #	Cutter Size	Price
061649	25434-34HC	2-1/8" for 1-1/2" Pipe, Lock Installation	
058041	25436-36HC	2-1/4" for 1-1/2" Pipe & 45°/90° Bend Couplings	
061648	25441-41HC	2-9/16" for 2" Pipe	
058043	25444-44HC	2-3/4" for 2" Pipe & 45°/90° Bend Couplings	
058044	25456-56HC	3-5/8" for 3" Pipe	
058045	25464-64HC	4" for 3" Pipe & Coupling, Dryer Vent	
058046	25474-74HC	4-5/8" for 4" Pipe	
058047	25480-80HC	5" for 4" Pipe & Coupling	
060636	25310-SB38	3/8" Stubby Spade Bit	
060634	25312-DIAF1	Diamond Sharpener File	

Bi-Metal Hole Saw Kit

- *Designed for professional trades*

Plumbers Large Kit

- *Includes:*
  - *(1) ea 3/4", 7/8", 1-1/8", 1-1/2", 1-3/4" and 2-1/4" Hole saws*
  - *(2) Arbors 2L and 5L*
  - *(1) 4321 Pilot drill*
  - *(1) Arbor adaptor*
  - *Plastic case*



Part #	Mfg #	Description	Price
006347	30808-600P	10-Piece Large Hole Saw Kit	

Plumbers Medium 10-Piece Kit

- *Includes:*
  - *(1) ea 3/4", 7/8", 1-1/8", 1-3/8", 2" and 2-1/2" Hole saws*
  - *(2) Arbors 2L and 5L*
  - *(1) 4321 Pilot drill*
  - *(1) Arbor adaptor*
  - *Plastic case*



Part #	Mfg #	Description	Price
114142	30860-600CGP	10-Piece Plumbers Hole Saw Kit	

Hole Saws

Electricians 10-Piece Hole Saw Kit

- *Includes:*
  - *(1) ea 7/8", 1-1/8", 1-3/8", 1-3/4", 2" and 2-1/2" Hole saws*
  - *(2) Arbors: 2L and 5L*
  - *(1) 4321 Pilot drill*
  - *(1) Arbor adaptor*
  - *Plastic case*



Part #	Mfg #	Description	Price
020550	30800-600L	Hole Saw Kit	

General Purpose - 26-Piece Kit

- *Includes:*
  - *(1) ea 1-1/2", 1-3/4", 2", 2-1/8", 2-1/4", 2-1/2", 2-11/16", 3", 3-1/4", 3-3/8", 3-5/8", 3-3/4", 4-1/8", 4-1/2" and 4-3/4" Hole saws*
  - *(3) Arbors: 1L, 2L, 5L*
  - *(2) 4321 and (1) 56PD Pilot drills*
  - *Plastic case*



Part #	Mfg #	Description	Price
059480	30804-2000G	Big Daddy™ Hole Saw Kit	

Carbide Tipped Hole Saw Kits

- *Designed for professional trades*

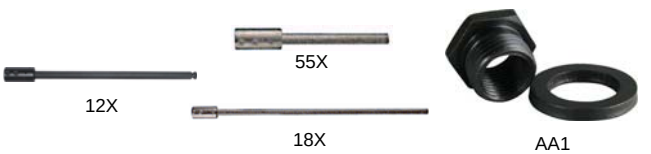
17-Piece Plumbers

- *Includes:*
  - *(1) ea 3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4", 2-9/16", 3", 3-1/2", 4", 4-1/4" and 4-1/2" Hole saws*
  - *(2) Arbors: 2L and 5L,*
  - *(2) 4321 and (1) 56 PD Pilot drill*
  - *Plastic case*



Part #	Mfg #	Description	Price
062471	30801-1200P	Bi-Metal Hole Saw Kit	

Hole Saw Accessories



Part #	Mfg #	Description	Price
006312	30846-55X	5-1/2" Extension	
036486	30843-10X	10" Extension Fits 3/8" & Larger Drill Chucks For 5L or 6L Arbors	
006313	30847-12X	12" Extension	
006314	30848-18X	18" Extension	
006315	30857-AA1	Arbor Adaptor	

Milwaukee

Hole Cutter Kits

7-Piece Big Hawg® Hole Cutter Kit

- *Designed for drilling large holes in rough wood*
- *Cuts up to 600 holes in wood without needing to be re-sharpened*
- *(3) Hardened steel teeth*
- *Deep gullet*
- *Includes:*
  - *(3) Hole cutters: 2-1/8", 2-9/16", 3-5/8"*
  - *Arbor with pilot bit*
  - *(2) Pilot bits*
  - *(1) Diamond file*
  - *(1) Hex wrench*
- *Impact-resistant case with additional storage space*



Part #	Mfg #	Description	Price
137896	49-56-9075	7-Pc Big Hawg® Kit	

8-Piece Big Hawg® Hole Cutter Kit

- *Includes:*
  - *(4) Hole saws - 2-1/8", 2-9/16", 3-5/8", 4-5/8"*
  - *Arbor with Big Hawg® pilot bit (49-56-9105)*
  - *(2) Big Hawg® Pilot bits (48-27-1401)*
  - *Diamond file*
  - *Hex wrench*



Part #	Mfg #	Description	Price
138844	49-56-9080	8-Pc Big Hawg® Hole Cutter Kit	

Hole Saws

Hole Saw Kits

8-Piece Ice Hardened™ Hole Saw Kit



- *Ice Hardened™ for up to 50% longer life*
- *Includes:*
  - *(5) Hole saws: 3/4", 7/8", 1", 1-1/8", 1-1/2"*
  - *Twist-Release™ arbor with pilot bit: 49-56-7210*
  - *Additional pilot bit: 49-56-8010*
  - *1/8" Hex Key*
  - *Adapter: 49-56-6560*

Part #	Mfg #	Description	Price
150075	49-22-4005	8-Pc General Purpose Hole Saw Kit	

10-Piece Plumber's Ice Hardened™ Hole Saw Kit



- *Includes:*
  - *(6) Hole saws: 3/4", 7/8" 1-1/8", 1-1/2", 1-3/4", 2-1/4"*
  - *(2) Arbors with pilot bits (49-56-7010 and 49-56-9100)*
  - *(2) Additional pilot bits (49-56-8010)*
  - *(1) Adapter (49-56-6560)*
  - *(1) Spacer (49-67-0120)*

Part #	Mfg #	Description	Price
139022	49-22-4145	10-Pc Plumbers Ice Hardened™ Kit	

18-Piece Master Plumbers Ice Hardened™ Hole Saw Kit



- *Cryogenically treated*
- *Optimized tooth form for up to 2 times faster cutting*
- *Wide, angled and offset slots*
- *Includes:*
  - *(13) Hole saws - 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2-1/4", 2-5/8", 3", 3-1/2", 4", 4-1/4", and 4-1/2"*
  - *(2) Arbors with pilot bits (49-56-7010 and 49-56-9100)*
  - *(3) Additional pilot bits (49-56-6560)*
  - *(1) Spacer (49-67-0120)*

Part #	Mfg #	Description	Price
139021	49-22-4155	18-Pc Master Plumber's Ice Hardened™ Hole Saw Kit	

Hole Cutters

Big Hawg® Hole Cutter



- *Designed for drilling large holes in rough wood*
- *Arbors and pilot bit sold separately*
- *Cuts up to 600 holes in wood without needing to be re-sharpened*

Part #	Mfg #	Diameter	Price
137886	49-56-9000	2-1/8"	
137887	49-56-9005	2-1/4"	
137888	49-56-9010	2-9/16"	
137889	49-56-9020	3"	
137890	49-56-9030	3-5/8"	
137891	49-56-9045	4-1/4"	
137893	49-56-9050	4-5/8"	
137894	49-56-9065	6-1/4"	

Hole Saws

Carbide Tipped Hole Saw



49-56-0623

- *Provides longer life and faster cutting*
- *Designed for cutting ceramic tile, flakeboard, fiberboard, fiberglass and wood*
- *Not recommended for metal*

Part #	Mfg #	Hole Dia	Price
165182	49-56-0623	5/8"	
165183	49-56-0753	3/4"	
165184	49-56-0873	7/8"	
165185	49-56-1003	1"	
165186	49-56-1123	1-1/8"	
165188	49-56-1253	1-1/4"	
165187	49-56-1373	1-3/8"	
165189	49-56-1503	1-1/2"	
165190	49-56-1623	1-5/8"	
165191	49-56-1753	1-3/4"	
165192	49-56-2003	2"	
165193	49-56-2123	2-1/8"	
165195	49-56-2253	2-1/4"	
165196	49-56-2503	2-1/2"	
165202	49-56-2623	2-5/8"	
165203	49-56-2753	2-3/4"	
165204	49-56-2873	2-7/8"	
165205	49-56-3003	3"	
165206	49-56-3253	3-1/4"	
165207	49-56-3503	3-1/2"	
144973	49-56-3623	3-5/8"	

Hole Saws

Hole Saws (Continued)

Carbide Tipped Hole Saw

Part #	Mfg #	Hole Dia	Price
165208	49-56-3753	3-3/4"	
144972	49-56-4253	4-1/4"	
165209	49-56-4503	4-1/2"	
165210	49-56-5003	5"	
165211	49-56-6003	6"	

Hole Dozer™ Hole Saw

- *Rip Guard™, the strongest tooth form in the industry*
- *Plug Jack™, an all access slot design for fast plug removal*
- *Bi-metal construction for increased wear resistance*



Part #	Mfg #	Description	Price
165164	49-56-0012	5/8"	
152110	49-56-0023	3/4"	
152111	49-56-0032	7/8"	
165165	49-56-0017	11/16"	
152112	49-56-0043	1"	
165166	49-56-0047	1-1/16"	
152113	49-56-0052	1-1/8"	
152114	49-56-0062	1-1/4"	
152115	49-56-0072	1-3/8"	
152116	49-56-0082	1-1/2"	
165167	49-56-0092	1-5/8"	
165178	49-56-0112	1-7/8"	
152117	49-56-0127	2-1/8"	
151231	49-56-9630	2-3/8"	
165168	49-56-0153	2-9/16"	
165170	49-56-0167	2-7/8"	
165171	49-56-0177	3-18"	
165172	49-56-0183	3-1/4"	
165173	49-56-0203	3-3/4"	
165174	49-56-0217	4-1/8"	
165175	49-56-0223	4-1/4"	
165176	49-56-0237	4-3/4"	
165177	49-56-0253	6"	

Ice Hardened™ Hole Saw

- *Ice Hardened™ for up to 50% longer life*



Part #	Mfg #	Size	Price
143992	49-56-0102	1-3/4"	
144015	49-56-0117	2"	
144016	49-56-0147	2-1/2"	
150074	49-56-0158	2-5/8"	
144017	49-56-0173	3"	
148183	49-56-0193	3-1/2"	
144018	49-56-0197	3-5/8"	
144019	49-56-0233	4-1/2"	
142700	49-56-0243	5"	

Thin Wall Hole Saw

- *1/4" Quick change hex shank for use with impact drivers*
- *Thin wall 8 TPI design for 40% faster cuts than standard bi-metal hole saws*
- *Stop shoulder design prevents over drilling and damaging components*
- *Ejection spring automatically removes slugs*



Part #	Mfg #	Description	Price
169268	49-56-9805	3/4" Thin Wall Hole Saw	
169269	49-56-9810	7/8" Thin Wall Hole Saw	
169270	49-56-9815	1" Thin Wall Hole Saw	
169271	49-56-9820	1-1/8" Thin Wall Hole Saw	
169272	49-56-9825	1-1/4" Thin Wall Hole Saw	
169273	49-56-9830	1-3/8" Thin Wall Hole Saw	
169274	49-56-9835	1-1/2" Thin Wall Hole Saw	

Arbors

3/8" Small Arbor

- *Durable hardened steel construction*
- *Fits all hole saws up to 1-3/16"*
- *Fits all drill chucks 3/8" and larger*



Part #	Mfg #	Size Range	Shank Size	Price
144976	49-56-7010	Up to 1-3/16"	3/8"	

Hole Saws

Big Hawg® Arbor



- *Standard 5/8"-18 thread fits all hole saws or hole cutters 1-1/4" through 6-1/4"*
- *Includes:*
  - *(1) Flat boring pilot bit*
  - *(1) Big Hawg® Arbor*
  - *(1) 7/16" Quick change shank*

Part #	Mfg #	Description	Price
137895	49-56-9105	Big Hawg® Arbor	

Large Quick Change Arbor



- *Tool-free operation*
- *Universal, quick change with all brands of hole saws*
- *No adapters required*
- *Hardened steel construction*
- *Fits all hole saws 1-1/4" and larger*
- *Fits all drill chucks 3/8" and larger*

Part #	Mfg #	Size Range	Shank Size	Price
144975	49-56-7250	1-1/4"+	3/8"	
149219	49-56-9100	1-1/4"+	7/16" No Wobble	

Pilot Drill Bits

Big Hawg® Hole Cutter Pilot Bit



- *Machined cutting edge for increased cutting speed*
- *Exclusive bit geometry aids plug removal*

Part #	Mfg #	Description	Price
137898	48-27-1401	Big Hawg® Center Spade Bit	

Hole Saw Accessories

Universal Quik-Lok™ Extension



- *Accepts all 7/16" shanks*
- *No tools required for bit change*
- *Impact rated*

Part #	Mfg #	Size	Price
144978	48-28-1000	3" x 1/4"	

Hex Extension

Part#	Mfg #	Description	Price
138372	48-28-1010	6" Hex Extension	
138373	48-28-1020	12" Hex Extension	

Right Angle Attachment



- *Rated up to 235 in/lbs torque*
- *Accepts standard 1/4" hex shank bits*

Part #	Mfg #	Description	Price
149497	49-22-8510	Right Angle Attachment	

Files

Big Hawg® Diamond File



- *Easy re-sharpening on job site*

Part #	Mfg #	Description	Price
137897	48-95-5055	Big Hawg® Diamond File	

SAWZALL® Blades

SAWZALL® Blades (5 Pk)



- *NAIL GUARD™ Ordinary teeth deliver either speed or durability. NAIL GUARD™ solves this trade-off with an aggressive 5 TPI pattern for faster cuts and a unique design that protects against tooth fracture*
- *FANG TIP™ Ordinary tips bounce or skate on the work piece. FANG TIP™ bites into the wood on first contact.*
- *Matrix II bi-metal teeth for greater durability*

Part #	Mfg #	Description	Price
164267	48-00-5091	6" 8/12 TPI SAWZALL® Blades (5 Pk)	
164207	48-00-5092	6"10 TPI SAWZALL® Blades (5 Pk)	
164210	48-00-5182	6"14 TPI SAWZALL® Blades (5 Pk)	
164211	48-00-5184	6"18 TPI SAWZALL® Blades (5 Pk)	

Hole Saws

SAWZALL® Blades (Continued)

SAWZALL® Blades (5 Pk)

Part #	Mfg #	Description	Price
164212	48-00-5186	6"24 TPI SAWZALL® Blades (5 Pk)	
164202	48-00-5036	9" 5 TPI SAWZALL® Blades (5 Pk)	
164203	48-00-5016	9" 6 TPI SAWZALL® Blades (5 Pk)	
164273	48-00-5187	9" 14 TPI SAWZALL® Blades (5 Pk)	
164274	48-00-5188	9" 18 TPI SAWZALL® Blades (5 Pk)	

The Torch™ SAWZALL® Blades (5 PK)

- *Optimized tooth design providing 2X more life then our previous generation*
- *SAWZALL® blades Tough Neck™ ribs strengthen the blade tang and minimize breakage*
- *Grid Iron™ honeycomb pattern increases blade rigidity to resist blade buckling*



Part #	Mfg #	Description	Price
152136	48-00-5712	6" 10 TPI The Torch™ SAWZALL® Blades (5 Pk)	
152137	48-00-5782	6" 14 TPI The Torch™ SAWZALL® Blades (5 Pk)	
152139	48-00-5784	6" 18 TPI The Torch™ SAWZALL® Blades (5 Pk)	
152129	48-00-5713	9" 10 TPI The Torch™ SAWZALL® Blades (5 Pk)	
152130	48-00-5787	9" 14 TPI The Torch™ SAWZALL® Blades (5 Pk)	
152131	48-00-5788	9" 18 TPI The Torch™ SAWZALL® Blades (5 Pk)	
152132	48-00-5714	12" 10 TPI The Torch™ SAWZALL® Blades (5 Pk)	
152133	48-00-5794	12" 14 TPI The Torch™ SAWZALL® Blades (5 Pk)	
152134	48-00-5789	12" 18 TPI The Torch™ SAWZALL® Blades (5 Pk)	

The Ax™ SAWZALL® Blades (5 Pk)

- *NAIL GUARD™ Ordinary teeth deliver either speed or durability. Nail Guard™ solves this trade-off with an aggressive 5 TPI pattern for faster cuts and a unique design that protects against tooth fracture*
- *FANG TIP™ Ordinary tips bounce or skate on the work piece. FANG TIP™ bites into the wood on first contact*
- *The 1" tall blade body reduces blade twisting for straighter, more accurate cuts*
- *Matrix II bi-metal teeth for greater durability*



Part #	Mfg #	Description	Price
152529	48-00-5021	6" 5 TPI The Ax™ SAWZALL® Blades (5 Pk)	
152530	48-00-5026	9" 5 TPI The Ax™ SAWZALL® Blades (5 Pk)	
152531	48-00-5027	12" 5 TPI The Ax™ SAWZALL® Blades (5 Pk)	

The Wrecker™ SAWZALL® Blades (5 Pk)

- *A precise manufacturing process creates a sharper cutting edge on each tooth for a faster cutting blade*
- *A complete, unset raker tooth on the blade tip allows for easier, faster plunging by minimizing walking and bouncing*
- *A thicker, more rigid blade body resists fracturing and bending for maximum durability*
- *The 1" tall blade body reduces blade twisting for straighter, more accurate cuts*



Part #	Mfg #	Description	Price
152135	48-00-5701	6" 8 TPI The Wrecker™ SAWZALL® Blades (5 Pk)	
152128	48-00-5706	9" 8 TPI The Wrecker™ SAWZALL® Blades (5 Pk)	
152127	48-00-5711	12" 8 TPI The Wrecker™ SAWZALL® Blades (5 Pk)	

Hole Saws

Diamond Grit THE TORCH™ SAWZALL® Blade

- *Diamond Grit delivers up to 30x longer life then standard carbide grit blades*
- *The precisely controlled size and placement of the diamond grit allow these blades to cut up to 2x faster then standard carbide grit blades*



- *The 1" tall blade body reduces blade twisting for straighter, more accurate cuts*

Part #	Mfg #	Description	Price
152141	48-00-1440	6" Diamond Grit THE TORCH™ SAWZALL® Blade	
151654	48-00-1450	9" Diamond Grit The TORCH™ SAWZALL® Blade	

RICHARD SPECIALTY CO., INC.

Machine Screw Tap - Plug Style



Part #	Mfg #	Description	Price
141468	R305100	WC10 1/4-20 N.C.	

PlumBest Jones Stephens Corp.

Pipe Taps

Pipe Tap



Part #	Mfg #	Size	Price
056686	T41-001	1/8"	
056687	T41-002	1/4"	
041961	T41-004	1/2"	
041962	T41-005	3/4"	
050029	T41-006	1"	
056690	T41-008	2"	

Flaring Tools

Flaring Tools

Pro-Set® Flaring Tool

cps

Part #	Mfg #	Description	Price
134798	87-FT800FN	R-410A Imperial Block 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" with Ratchet	

RIDGID

Flaring Tools

Ratchet Flaring Tool

- *Ratcheting feed screw handle*
- *Hardened steel flaring cone, eccentrically mounted in needle bearings*



Part #	Mfg #	Model	Type	Sizes	Price
045766	83037	458R	45° SAE Flares	1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	

Flaring Tool

- *Precision designed tool for producing 45° flares in soft copper, brass, aluminum, and mild steel (JIC and Bundy) tubing*
- *A hardened, smooth cone provides fast, 45° flares either single or double lap*
- *A single clamp screw provides for easy clamping and removal of tubing*



Part #	Mfg #	Model	Type	Sizes	Price
008721	23332	345	45° SAE Flares	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"	

Hammer-Type Flaring Tool

- *Made of high-grade hardened steel*
- *Long nose guide that centers tools for smooth, 45° uniform flares*



Part #	Mfg #	Model	Water Tube Size	Price
067998	41320	E-45	1/2"	
008618	41330	E-47	3/4"	
008625	41335	E-52	1"	
025807	41345	E-63	1-1/2"	
022441	41350	E-64	2"	

Flaring Tools

Flaring Tool



- *Makes smooth flare*
- *For OD sizes 3/16", 1/4", 5/16", 3/8", 1/2" and 5/8"*

Part #	Mfg #	Description	Price
041946	J40-080	Bar Flaring Tool	

Copper Swedge Tools



- *Heat-treated carbon steel*
- *Can be used on copper tube, soft copper, aluminum or any other thin-walled tubing*

Part #	Mfg #	Description	Price
064624	J40-369	5/8" to 1-1/8" Copper Swedge	

Flashlights

M12™ Lithium-Ion Cordless Work Lights

M12™ Work Light



- *REDLITHIUM™ battery technology*
- *Compact design*
- *90° rotating head*
- *Integrated magnet*

Part #	Mfg #	Description	Price
164019	49-24-0145	M12™ Work Light	

M12™ Cordless LED Work Light



- *160 Lumen LED*
- *Faceted reflector*
- *Integrated magnet*
- *Battery and charger sold separately*

Part #	Mfg #	Description	Price
137576	49-24-0146	90º Pivoting Head	

M12™ LED Lantern/Flood Light



- *TRUEVIEW™: High definition lighting technology*
- *180° - 360° Adjustable beam*
- *2.1A USB Charger*
- *Rugged design*
- *Four light settings: High, medium, low, strobe*
- *Two stainless steel hooks*

Part #	Mfg #	Description	Price
171826	2362-20	M12™ LED Lantern/Flood Light	

M18™ Lithium-Ion Cordless Work Lights

M18™ Cordless Work Light



- *Uses 18V compact or XC high capacity Lithium-Ion battery (sold separately)*
- *Xenon incandescent bulb*
- *Fold away utility hook*

Part #	Mfg #	Description	Price
148143	49-24-0171	135° Rotating Head	

M18™ Cordless LED Work Light



- *Sealed, aluminum head*
- *160 Lumen LED*
- *Lasts up to 12 hours on one charge*
- *Integrated hook*

Part #	Mfg #	Description	Price
137577	2735-20	135° Rotating Head	

M12™ LED Stick Light (Bare Tool)



- *TRUEVIEW™ High definition lighting technology*
- *Powerful 3-LED design*
- *Multi-position stainless steel hook*
- *Over 4+ hours of run-time*
- *Bright, smooth, even beam pattern*
- *Impact resistant/replaceable lens*

Part #	Mfg #	Description	Price
158985	2351-20	M12™ LED Stick Light (Bare Tool)	
158986	49-24-2351	M12™ LED Stick Light Accessory Magnet	

M18™ LED Flood Light



- *Trueview: High definition lighting technology*
- *Up to 30% brighter than corded 250 halogen lights*
- *Up to 8 hours of run-time*
- *Limited lifetime LED warranty*
- *Innovative roll cage design*
- *Multiple hanging features: emt hanger, key hole hanger, cross bar hanger, handle hanger*

Part #	Mfg #	Description	Price
161982	2361-20	M18™ LED Flood Light	

Flashlights

M18™ LED Stick Light

- *TRUEVIEW: High definition lighting technology*
- *Forward and backward pivoting head*
- *Rugged design: replaceable lens plate and chemical resistant body*
- *Two adjustable metal hooks*
- *Compact design*



Part #	Mfg #	Description	Price
172034	2352-20	M18™ LED Stick Light	

M18™ LED Lantern/Flood Light

- *TRUEVIEW: High definition lighting technology*
- *180° - 360° Adjustable beam*
- *2.1A USB Charger*
- *Rugged design*
- *Four light settings: High, medium, low, strobe*
- *Two stainless steel hooks*



Part #	Mfg #	Description	Price
171827	2363-20	M18™ LED Lantern/Flood Light	

Replacement Bulbs



49-81-0030

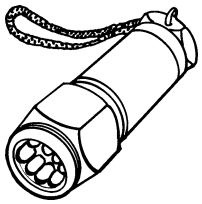


49-81-0090

Part #	Mfg #	Description	Price
141993	49-81-0030	Bulbs for 18V Work Light, 2/Pk	
138845	49-81-0090	LED Upgrade for M12™, M18™, V28® Work Lights	

RICHARD SPECIALTY CO., INC.

LED Flashlights



Part #	Mfg #	Description	Price
136007	R319350	Pocket LED Lightstick	

Rayovac Industrial Flashlights

- *Yellow flashlight with ring hangers*



Part #	Mfg #	Description	Price
052370	F20-001	(2) D Cell	

Batteries

Rayovac Heavy-Duty Alkaline Batteries



F20008



F20010



F20009



F20011



F20012

Part #	Mfg #	Description	Price
045080	F20-008	(8) AA Alkaline	
052368	F20-009	(6) 9 Volt Alkaline	
052369	F20-010	(6) C Alkaline	
045082	F20-011	(6) D Alkaline	

Batteries (Continued)

Rayovac Heavy-Duty Alkaline Batteries

Part #	Mfg #	Description	Price
045081	F20-012	(8) AAA Alkaline	

KLEIN TOOLS

Flashlights

LED Mini Pocket Flashlight



- *5mm Nichia white LED light*
- *50,000 Hours of lamp life*
- *9-Lumen tested light-output generates a strong concentrated beam*
- *Battery life: 130 hours*
- *Pushbutton on/off switch provides constant or momentary modes*
- *Polycarbonate body with o-ring sealed Xenoy® shroud*
- *Includes a breakaway lanyard and pocket clip*
- *Interchangeable clear, red and green colored discs*

Part #	Mfg #	Description	Price
120393	X5	(4) LR44 Batteries	

Sensible Products

Flashlights

Extendable Magnetic Flashlight

- *Magnet on grip and at light*
- *Telescopes from 6.5" to 21"*
- *Flexible shaft*
- *(3) Super-bright LEDS with on/off button*



EMF-1

Part #	Mfg #	Description	Price
134816	EMF-1	LED Telescopic Flashlight	
134817	FB-1	(4) Batteries for EMF-1	

Magnetic Stick Light



- *Pocket-sized floodlight*
- *Magnet in handle*
- *Molded clip keeps in pocket*
- *Rugged, water resistant*
- *(6) Super-bright LEDS*
- *36 Lumen output*
- *Runs more than 10 hours*

Part #	Mfg #	Description	Price
145098	MSL-1	Magnetic Stick Light	

Pocket Area LED Light

- *Ratcheting hinge angles light as needed*
- *Hanging hook swivels 360°*
- *Powerful magnet attaches securely to a horizontal or vertical surface*
- *(18) Super-bright LEDS*
- *Runs more than 6 hours*
- *Easy on/off - open/close*

Part #	Mfg #	Description	Price
145267	PAL-1	Pocket Area Light	

Hammers

Hammers

Sheet Metal Hammer - Riveting

- *Polished finish*



Part #	Mfg #	Size	Handle	Head Weight	Price
006477	RH4	4-7/8"	Leather	12 oz	

Sheet Metal Hammer - Setting

- *Polished finish*



Part #	Mfg #	Size	Handle	Head Weight	Price
006482	SH3	5-1/2"	Leather	18 oz	

RIDGID

Hammers

Hammer



Ball Pein



Ripping Claw



Part #	Mfg #	Model	Description	Head Weight	Overall Length	Price
008654	52455	016	Ball Pein	16 oz	14"	
008705	52485	216	Ripping Claw	16 oz	13-1/4"	

Pipe Cutters - Copper

Tubing Cutters

Close Quarters Tubing Cutter

- *Use in restricted spaces on small diameter, hard and soft copper, aluminum, brass and plastic tubing*
- *Large knurled feed screw knob*



Part #	Mfg #	Model	Capacity	Description	Std Wheel	Price
008659	32975	103	1/8" - 5/8"	Cutter	E-3469	
008660	32985	104	3/16" - 15/16"	Cutter	E-3469	
067702	97787	117	3/16" - 15/16"	Quick-Feed Cutter	E-3469	
051432	86127	118	1/4" - 1-1/8"	Quick-Feed Cutter	E-3469	

Constant Swing Cutter with X-CEL

- *Features an enclosed feed screw to eliminate clogging and jamming, grooved rolls for close-to-flare cuts, and a fold-away reamer*
- *Made from high-strength aluminum alloy*





Part #	Mfg #	Model	Capacity	Description	Std Wheel	Price
008687	31622	150	1/8" - 1-1/8"	Feed Cutter	E-3469	
008688	31627	150	1/8" - 1-1/8"	Feed Cutter with HD Wheel(s)	E-4546	

Tubing and Conduit Cutter with X-CEL

- *Clean, square cuts on copper, brass, aluminum, and thin-wall conduit*





Part #	Mfg #	Model	Capacity	Description	Std Wheel	Price
008655	32910	10	1/8" - 1"	Screw Feed Cutter	F-158	
008648	32920	15	3/16" - 1-1/8"	Screw Feed Cutter, Fold-Away Reamer	F-158	
008703	32930	20	5/8" - 2-1/8"	Screw Feed Cutter, Fold-Away Reamer	F-158	
008713	32940	30	1" - 3-1/8"	Screw Feed Cutter f/Lg Dia Steel & SS Tube	F-158	

Quick-Acting Tubing Cutter with X-CEL

- *I-Beam construction, hardened wear surfaces and bearing side assemblies for smooth operation*
- *Plastic cutters include spare cutting wheel for cutting copper*





Part #	Mfg #	Model	Capacity	Description	Std Wheel	Price
008689	31632	151	1/4" - 1-5/8"	Quick-Acting, Fold-Away Reamer	E-3469	
008690	31642	152	1/4" - 2-5/8"	Quick-Acting, Fold-Away Reamer	E-3469	
008691	31652	154	1-7/8" - 4-1/2"	Quick-Acting Tubing Cutter	E-2558	

Pipe Cutters - Copper

Internal Tubing Cutter

- *For trimming tubing below floor level for shower and floor drain installations, or above the ceiling for sprinkler head installations*



Part #	Mfg #	Model	Capacity Nom / Depth	Description	Std Wheel	Price
018338	33005	106	2" - 3" / 1/4" - 2-5/8"	Internal, Steel & Aluminum Body	E-2558	

Tubing Cutter Wheel



Part #	Mfg #	Model	Blade Exp	Application	For Model	Price
008575	33165	E-1240	.162	Steel - SS	10, 15, 15-SI	
008596	33175	E-2191	.292	HD Steel Tubing	30, 40, 122, 122XL, 133, 154, 156	
008599	33170	E-2558	.220	Aluminum & Copper	30, 40, 108, 109P, 133, 154, 156	
023461	34695	E-3495	.290	Aluminum	151, 152, 153, 205	
008617	33190	E-4546	.162	Steel - SS	151, 152, 153, 205	
008606	33185	E-3469	.149	Copper, Aluminum, Brass & Plastic	101,103,104,117,118,150,151,152,153,205	
008636	33160	F-158	.149	Aluminum & Copper	10,15, 20	

Tubing Cutter Parts

Part #	Mfg #	Description	For Model	Price
129719	34620	Roll Housing Screw	20	
024438	42327	Retaining Ring	101, 103, 104, 117 & 118	

Pipe Cutters - Copper

Tubing Cutters

Tubing Cutters Ergonomically Designed for Professional Performance

- *Professional deburring*
- *Will not damage cutting wheel*
- *Easy to use - change out wheels with only a screwdriver*



TC1-1/8 TC1-3/8

Part #	Mfg #	Tube Diameter Range	Price
077287	21010-TC11/8	1/8" - 1-1/8"	
077288	21011-TC13/8	1/8" - 1-3/8"	
077289	21012-TC13/4	1/8" - 1-3/4"	
077290	21013-TC25/8	1/4" - 2-5/8"	

TSK Tight Space Tubing Cutter Kit

- *Shock-resistant steel*
- *Non-slip grooved cast body*
- *1/2" Clearance to cut*
- *Stainless steel rollers*



Part #	Mfg #	Description	Price
140248	14833-TSK	3 Piece Tight Space Tube Cutter Kit	

Cutter Wheel



Part #	Mfg #	Description	Price
147940	14829-TSB	Copper Wheel for TS Cutter, 2-Pk	
077291	21015-TCW158 SS	Stainless Steel Cutting Wheel, 6-Pk	
089118	21017-TCW158 C	Copper Cutting Wheel, 6-Pk	
087125	21192-TCW158 C2	Copper Cutting Wheel, 2-Pk	

Milwaukee

M12™ Lithium-Ion Cordless Pipe Cutters

M12™ Cordless Copper Tubing Cutter

- *Close quarter rotating cutting head cuts pipe in confined spaces*
- *Automatic adjustment from 3/8" to 1" tubing*
- *Auto locking mechanism delivers up to 200 cuts per charge*
- *Water resistant sealed metal cutter head*
- *Battery fuel gauge displays remaining run time*
- *Built-in LED light illuminates line of cut*
- *14" Long, 3.2 lbs tool weight*
- *No load speed: 500 rpm*
- *Capacity: 1/2" to 1-1/8" OD*
- *Kit includes:*
  - *Tubing cutter (2471-20)*
  - *(2) 12V Lithium-Ion battery (2471-21 is single battery kit)*
  - *30-Minute charger*
  - *Carrying case*
- *5-Year warranty*



Part #	Mfg #	Description	Price
148546	2471-20	Tubing Cutter Only	
137554	2471-21	Tubing Cutter Kit	

Copper Cutter Wheels

- *Hardened steel with black oxide*
- *Convex blade design*
- *For use with Milwaukee® 12V copper tubing cutter model 2471*



Part #	Mfg #	Description	Price
138792	48-38-0010	Copper Cutter Replacement Blades 2/Pk	

Autocut™ Copper Tubing Cutters



ATC



RH

Part #	Mfg #	Description	Price
031428	ATC12	For 1/2" Tubing	
031429	ATC34	For 3/4" Tubing	
073599	ATC100	For 1" Tubing	
031674	RH12	Ratchet Handle for ATC12	
031675	RH34	Ratchet Handle for ATC34	
031430	ATCW	Replacement Cutter Wheels	

Pipe Cutters - Plastic

Plastic Tubing Cutters

Quick-Acting CSST Cutter

- *I-Beam frame*
- *Cuts corrugated gas tubing 3/8" - 1"*
- *Two sets of split-floating guide wheels*
- *Ergonomic knob*
- *Full lifetime warranty*



Part #	Mfg #	Model	Capacity	Description	Std Wheel	Price
122158	32078	151 CSST	3/8" - 1"	Quick-Acting CSST Cutter	33190	

Plastic Pipe Tubing Cutter

- *Designed for quick, clean cuts through plastic pipe and tube*



PC-1375



RC-1625

Part #	Mfg #	Model	Capacity	Description	Std Wheel	Price
104549	23493	PC-1375	1/8" - 1"	Single Stroke Plastic Pipe & Tubing Cutter	X-CEL™ PCB-1375	
108391	23498	RC-1625	1/2" - 1-5/8"	Ratchet Action Plastic Pipe & Tubing Cutter, Erg Grip	27858	
119754	30088	RC-2375	1/2" - 2-3/8"	Ratchet Action Plastic Pipe & Tubing Cutter, Erg Grip	30093	

P-TEC 2550 Tailpiece Extension Cutter

- *For thin-wall plastic tube*
- *Undercounter specialty tool for polyethylene, polypropylene and thin-walled PVC disposer kits, tailpieces and wall tube*
- *Clean automatic deburring*
- *Automatic beveling*



Part #	Mfg #	Model	Description	Price
132413	34943	P-TEC 2550	Tailpiece Extension Cutter	

Cutter Replacement Blade

Part #	Mfg #	Model	Description	Price
008706	22086	1493	Replacement Blade with Clip	
104550	25588	PCB-1375	X-CEL™ Replacement Blade	
132081	27858	RCB-1625	Replacement Blade for RC-1625	
123436	30093	RCB-2375	Replacement Blade for RC-2375	
008565	92170	138	Replacement Blade for 91125	

Plastic Tubing Cutter Wheel



Part #	Mfg #	Model	Blade Exp	Application	For Model	Price
008626	33195	E-5272	.290	PVC, ABS, Standard Wall	151-P, 152-P	
008627	33180	E-5299	.412	PVC, ABS, Standard Wall	30P - 133P, 106, 108, 109P, 154-P, 156-P	

Pipe Cutters - Plastic

Plastic Tubing Cutters

S1 Plastic Tubing Cutter

- *Serrated stainless steel blade requires less force to make a cut*
- *Rubberized handles*
- *Easy open and close*
- *Conveniently positioned locking latch allows for one-handed operation of spring-loaded cutter*



Part #	Mfg #	Description	Price
121471	12121S1	1" Nom - 1-5/16" Max OD	
121472	12125S1B	S1 Replacement Blade	

Plastic Tubing Cutter Wheel



Part #	Mfg #	Description	Price
081771	21016-TCW158P	Plastic Cutting Wheel, 6-Pk	

BRAMEC®

Big Nipper™

- *Cuts hose and tubing up to 2-1/2" ID, polyethylene up to 1-1/2" ID, and PVC up to 1-1/2" ID*
- *Excellent for cutting tubing insulation*
- *Replaceable stainless steel blade*
- *Clean cut - no burrs or sawdust replaceable blades*



Part #	Mfg #	Description	Price
112016	16368	Big Nipper Cutter	

Li'l Nipper™

- *Cuts up to 1-1/4" polyethylene, PVC, ABS, and rubber hose*
- *Cutters are light and can be handily carried in back pocket or tool pouch*
- *Strong nylon handle with replaceable blades*
- *Cutters do not distort pipe*



Part #	Mfg #	Description	Price
002266	0125	L'il Nipper™ Cutter	
026128	0127	2 Replacement Blades	

KLEIN TOOLS

PVC Cutters

PVC Cutter

- *Makes clean burr-free cuts*
- *Reversible blade*
- *Handle latch keeps tool closed*



Part #	Mfg #	PVC Capacity	Flex Pipe Capacity	Price
125142	50506	3/4" Sch 40	1-3/8"	

PVC Cutter Replacement Blade



Part #	Mfg #	Description	Price
141615	50549	Blade for 50506	

Pipe/Tubing Cutters

Professional PVC Pipe Cutter

- *Rustproof*
- *Non-electro nickel-plated blade*
- *Locking hook can be used to debur pipe*
- *Carded*



Part #	Mfg #	Description	Price
054586	P70-018	1-1/4" PVC Pipe Cutter	

Pipe Cutters - Plastic

PVC Pipe Cutter

- *High carbon steel blades*
- *Aluminum alloy handles*
- *Ratchet action*


P70-001


P70-002

Part #	Mfg #	Description	Price
040773	P70-001	1" Pipe Cutter	
071043	P70-002	2" Pipe Cutter, Heavy-Duty	

PlumBest E-Z Shear Inside Pipe Cutter

- *Cuts PVC and ABS pipe*
- *High speed steel blade with zinc-plated shaft*



Part #	Mfg #	Description	Price
026324	J40-830	E-Z Shear Pipe Cutter	
026325	J40-831	(2) Replacement Blades	

Socket Saver

- *Removes Sch 40 plastic pipe from plastic fittings*
- *Cuts ABS or PVC DWV pipe below slab*
- *Fits 1/2" variable speed power drill*



Part #	Mfg #	Description	Price
082721	J44-075	3/4" Ram Bit Cutter	
054591	J44-150	1-1/2" Socket Saver	
054592	J44-200	2" Socket Saver	
054593	J44-300	3" Socket Saver	
054594	J44-400	4" Socket Saver	

Tube and Pipe Cutters

Inside Pipe Cutter


390-50163

Part #	Mfg #	Description	Price
035402	390-50163	with 1-1/4" Steel Blade	
035403	390-50164	1-1/4" Hardened Steel Blade	

Pipe Cutters - Soil Pipe

Soil Pipe Cutters

- *Provides 1-stroke cutting of 1-1/2" to 6" service weight, No-Hub® soil pipe, clay, asbestos and cement pipe*



Part #	Mfg #	Model	Pipe Capacity	Description	Price
008709	32900	246	1-1/2" - 6"	Cuts Clay, Cast Iron, Cement Pipe, 4" Class 22 Water Main	

Pipe Cutters

Heavy-Duty Pipe Cutter

- *Fast, clean pipe cutting by hand or power*
- *Extra-long shank protects adjustment threads, while an extra-large handle is provided for quick, easy adjustment*
- *Can be converted to 3-wheel cutter by replacing rollers with cutter wheel*



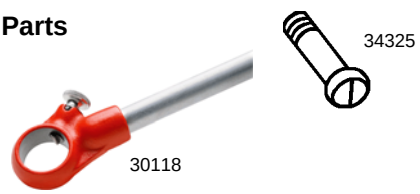
Part #	Mfg #	Model	Pipe Capacity	Description	Price
008701	32820	2-A	1/8" - 2"	Heavy-Duty Pipe Cutter	

Pipe Cutter Replacement Wheel



Part #	Mfg #	Model	Blade Exp	Application	For Model	Price
008732	44185	E-1032	.450	Steel & Ductile Iron	202, 360, 732, 820/364	
008641	33105	F-3	.312	Steel & Ductile Iron	1A, 2A, 42A, 202, 360, 732, 820/364	
008637	33125	F-229	.411	Steel & Ductile Iron	3S, 4S, 44S,466C/S/HWS, 468C/S/HWS, 472C/S/HWS, 764	
008643	33100	F-514	.312	Steel & Ductile Iron	1A, 2A, 42A, 202, 360, 732, 820/364	

Pipe Cutter Parts

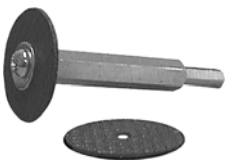


Part #	Mfg #	Model	Description	For Model	Price
008664	30118	E-3055X	Ratchet with Handle	12-R	
008720	32142		Wheel Pins with Clip, 5/Pk	151-P, 152, 152-P, 152-PVC, 153, 153-P	
008574	33970	E-1189X	Rings with Pin, 5/Pk	101, 103, 104	
008590	34325	E-1948	Screws, 10/Pk	10, 15, 15-SI	
008638	34805	F-255	Roller, 5/Pk	15	
129720	34825	F-266	Roller, 5/Pk	20	

Pipe Cutters - Steel

Pipe Cutters

Inside Pipe Cutter



- *Cuts 2" and larger plastic pipe*
- *Fits electric drill*

Part #	Mfg #	Description	Price
053717	P70-029	(3) Replacement Blades	

RIDGID

Pipe Tools

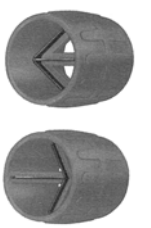
Pipe Reamer



- *All reamers include handles*

Part #	Mfg #	Model	Capacity	Description	Price
008702	34955	2-S	1/4" - 2"	Spiral Ratchet	

Inner-Outer Reamer



- *Plastic construction with long-wearing alloy steel blades*

Part #	Mfg #	Model	Description	Construction	Price
017583	34965	127	1/4" - 1-1/2" Nominal Water Tube	Plastic	

Hardened Steel Inner-Outer Reamer



- *Hardened steel construction*
- *46 Cutting edges on interior cone*
- *For fast, clean, inner reaming and outer deburring/beveling of 1/2"-2" copper and stainless steel tubing*

Part #	Mfg #	Model	Description	Construction	Price
111700	29993	227S	1/2" - 2" Copper & SS Tubing	Hardened Steel	

Deburring Tool



- *For plastic pipe and tubing*
- *Made of high-grade steel with long-lasting cutting edges*
- *Ideal for removing outside ridges and inside burrs on plastic pipe and tubing*

Part #	Mfg #	Model	Capacity	Plastic Cap ID	Price
033796	64967	74	4"	--	

Pipe Threaders

Individual Pipe Extractor

- *Easily removes broken threaded ends of pipe, pipe plugs and fittings*
- *Each is plainly marked showing drill size used when solid ends of plugs and fittings must be drilled to receive extractor*



Part #	Mfg #	Model	Pipe Size	Length Overall	Use Drill	Price
120553	35610	83	1/2"	3"	5/8"	

Manual Threaders

Manual Threader Die Head

- *North American standards*



Part #	Mfg #	Model	Description	Nominal Pipe Capacity	Price
008661	37040	11-R	Alloy RH	1/2"	
008672	37390	12-R	Alloy RH	1/2"	
008679	37395	12-R	Alloy RH	3/4"	
008666	37400	12-R	Alloy RH	1"	
008670	37405	12-R	Alloy RH	1-1/4"	
008668	37410	12-R	Alloy RH	1-1/2"	
008677	37415	12-R	Alloy RH	2"	

Pipe Die - National Pipe Taper NPT



Part #	Mfg #	Model	Description	Nominal Pipe Capacity	Price
008671	37825	12-R	Alloy RH	1/2" - 14	
008678	37830	12-R	Alloy RH	3/4" - 14	
008665	37835	12-R	Alloy RH	1" - 11-1/2	
008669	37840	12-R	Alloy RH	1-1/4" - 11-1/2	
008667	37845	12-R	Alloy RH	1-1/2" - 11-1/2	
008676	37850	12-R	Alloy RH	2" - 11-1/2	
008724	37920	12-R	High Speed SS RH	3/4" - 14	
008725	37925	12-R	High Speed SS RH	1" - 11-1/2	

Power Threading Equipment

Oil-Less Threading Machine Parts and Accessories

Part #	Mfg #	Model	Description	Price
032337	67822	120	Folding Stand	

Pipe Threaders

Pipe Die for Machine Die Heads



Pipe Die for 504A, 711, 731, 811A, 815A and 842

Part #	Mfg #	Die Material or Type	(NPT) Nominal Pipe Size Threads Per Inch	Price
008747	47745	Alloy RH NPT	1/2"-3/4" - 14	
008748	47750	Alloy RH NPT	1"-2" - 11-1/2	

RECTORSEAL

Golden Tool™ Pipe Threaders

Golden Pipe Shredder™ Kit



- *4 Shredder tools: 1-1/2", 2", 3", 4"*
- *1/2" Arbor size*

Part #	Mfg #	Size	Qty	Price
143396	98040	1-1/2"	4	
143394	98041	2"	4	

Milwaukee

Tubing Cutters

ProPEX®/Tubing Cutter



- *Replaceable blades*
- *Double ground steel V-shaped blade*
- *Metal core - indestructible frame*
- *Rework groove*
- *One-handed locking mechanism*
- *Rust protection*

Part #	Mfg #	Description	Price
143343	48-22-4200	Cuts up to 1" Tubing	

Pliers & Wire Strippers

Pliers

6-in-1 Long Nose Pliers

- *Integrated reaming head to smooth-out rough edges of metal pipe*
- *High-leverage design*
- *(6) Applications:*
  - *Reaming*
  - *Wire stripping*
  - *Nail/wire cutting*
  - *Nail pulling*
  - *Pliers*
  - *Loop maker*



Part #	Mfg #	Description	Price
150218	48-22-3068	Long Nose Pliers	

6-in-1 Combination Pliers

- *Integrated reaming head to smooth-out rough edges of metal pipe*
- *High-leverage design*
- *(6) Applications:*
  - *Reaming*
  - *Wire stripping*
  - *Bolt cutter*
  - *Wire cutting*
  - *Pliers*
  - *Loop maker*



Part #	Mfg #	Description	Price
149136	48-22-3069	Combination Pliers	

Tongue & Groove Pliers

- *Reaming head design to smooth out rough edges of up to 2" pipe*
- *Forged alloy steel for maximum tool strength*
- *Induction hardened jaws*
- *Smooth transition grips minimize wear tear and improve punchability*
- *Rust protection increases tool life by reducing corrosion*



Part #	Mfg #	Size	Price
143342	48-22-3210	10"	
150217	48-22-3212	12"	

TORQUE LOCK™ Curved Jaw Locking Pliers with Durable Grip

- *TORQUE LOCK™ Faster setup and easy release*
- *Curved Jaw: Maximizes pressure points for any bolt, nut or locking tool application*



- *Hardened Jaws: Better grip force on jobsite material*
- *Rust Protection: Increases tool life by reducing corrosion*
- *Overmold Grips: Durable and comfortable*

Part #	Mfg #	Description	Price
168835	48-22-3405	5" TORQUE LOCK™ Curved jaw locking pliers	
168834	48-22-3407	7" TORQUE LOCK™ Curved jaw locking pliers	
168827	48-22-3410	10" TORQUE LOCK™ Curved jaw locking pliers	

TORQUE LOCK™ Long Nose Locking Pliers With Durable Grip

- *TORQUE LOCK™ Faster setup and easy release*
- *Curved Jaw: Maximizes pressure points for any bolt, nut or locking tool application*



- *Hardened Jaws: Better grip force on jobsite material*
- *Rust Protection: Increases tool life by reducing corrosion*
- *Overmold Grips: Durable and comfortable*

Part #	Mfg #	Description	Price
168837	48-22-3409	9" TORQUE LOCK™ Long Nose Locking Pliers with Durable Grip	
168838	48-22-3406	6" TORQUE LOCK™ Long Nose Locking Pliers with Durable Grip	

Pliers & Wire Strippers

TORQUE LOCK™ Straight Jaw Locking Pliers



- *TORQUE LOCK™: Faster setup and easy release*
- *Straight Jaw: Maximizes contact points on jobsite work surfaces*
- *Hardened Jaws: Better grip force on jobsite material*
- *Forged Alloy Steel: For maximum tool strength and durability*
- *Rust Protection: Increases tool life by reducing corrosion*

Part #	Mfg #	Description	Price
168826	48-22-3507	7" TORQUE LOCK™ Straight Jaw Locking Pliers	
168825	48-22-3510	10" TORQUE LOCK™ Straight Jaw Locking Pliers	

TORQUE LOCK™ Curved Jaw Locking Pliers



- *TORQUE LOCK™: Faster setup and easy release*
- *Curved Jaw: Maximizes pressure points for any bolt, nut or locking tool application*
- *Hardened Jaws: Better grip force on jobsite material*
- *Forged Alloy Steel: For maximum tool strength and durability*
- *Rust Protection: Increases tool life by reducing corrosion*

Part #	Mfg #	Description	Price
168824	48-22-3420	10" TORQUE LOCK™ Curved Jaw Locking Pliers	

6-in-1 Lineman's Pliers



- *Integrated reaming head to smooth-out rough edges of metal pipe*
- *High-leverage design*
- *(6) Applications:*
  - *Reaming*
  - *Bolt cutter*
  - *Wire cutter*
  - *Nail pulling*
  - *Pliers*
  - *Fish tape puller*

Part #	Mfg #	Description	Price
149137	48-22-3309	9" Lineman's Pliers	

7" 6 IN 1 Diagonal Pliers



- *Reaming head design- smooth edges of metal pipe from 1/2" to 1" (Patent Pending)*
- *Bolt cutter - thread and cut #6 and #8 bolts to prefered length (Patent Pending)*
- *High leverage design*
- *Laser hardened cutting edges*
- *Offset head design - 15 degree offset head for easier and quicker prying and pulling (Patent Pending)*
- *Rust protection*

Part #	Mfg #	Description	Price
169217	48-22-4107	7" 6 IN 1 Diagonal Pliers	

RIDGID

Pliers

Water Pump Pliers



- *Hardened and tempered for durability*

Part #	Mfg #	Model	Description	Length	Price
008764	80475	734	2" Capacity	10"	

Sioux Chief

Slip-Joint Pliers with Grip Clip

- *2-1/8" Maximum jaw opening*



306-10

Part #	Mfg #	Description	Price
113964	306-10	10" Angle Nose Pliers	

Pliers & Wire Strippers

Pliers

CHANNELLOCK

- *Undercut tongue and groove design won't slip*
- *Patented reinforcing edge minimizes stress breakage*
- *CHANNELLOCK BLUE® grips for comfort*

Smooth Jaw Tongue & Groove Pliers

- *Smooth jaws for non-marring surfaces (PVC pipe, chromes, etc)*
- *Smooth jaw for use on plated fixtures*
- *PermaLock® fastener eliminates nut and bolt failure*



Part #	Mfg #	Length	Capacity	Price
026715	R116800	10"	2"	

Straight Jaw Tongue & Groove Pliers

- *High-carbon C1080 steel for superior performance on the job and electronic coating for ultimate rust prevention*
- *Right-angle, laser-heat treated teeth grip better and last longer*
- *PermaLock® fastener eliminates nut and bolt failure*



R117200



R117400



R117600



R117800



R117900

Part #	Mfg #	Length	Capacity	Price
076358	R117200	6-1/2"	7/8"	
008905	R117400	9-1/2"	1-1/2"	
008907	R117600	10"	2"	
008908	R117800	12"	2-1/4"	
109928	R117900	16-1/2"	4-1/4"	

V-Jaw Tongue & Groove Pliers

- *High-carbon C1080 steel for superior performance on the job and electronic coating for ultimate rust prevention*
- *Right-angle, laser heat-treated teeth grip better and last longer*
- *V-Jaws give you more points of contact on round stock and tubing*
- *PermaLock® fastener eliminates nut and bolt failure*



R118300



R118400

Part #	Mfg #	Length	Capacity	Price
008906	R118300	9-1/2"	1-1/2"	
139950	R118400	10"	2"	

KLEIN TOOLS

Standard Side-Cutting Pliers

NE-Type Side-Cutting Pliers

- *Plastic dipped handles*
- *Sure-gripping, cross-hatched knurled jaws*



Part #	Mfg #	Overall Length	Jaw Length	Jaw Width	Price
106804	D201-7NE	7-7/16"	1-9/32"	1-1/16"	

High Leverage Side-Cutting Pliers

NE-Type Side-Cutting Pliers - Streamlined Design

- *Plastic dipped handles*
- *Streamlined design with sure-gripping, cross-hatched knurled jaws*
- *High leverage*



Part #	Mfg #	Overall Length	Jaw Length	Jaw Width	Price
106803	D213-9NE	9-1/4"	1-19/32"	1-1/4"	

Pliers & Wire Strippers

High Leverage Diagonal-Cutting Pliers

Diagonal Cutter Pliers

- *Plastic dipped handles*
- *High leverage*



Part #	Mfg #	Overall Length	Jaw Length	Jaw Width	Price
106806	D228-7	7-1/8"	13/16"	1-3/16"	

Diagonal Angled Head Cutter Pliers

- *Plastic dipped handles*
- *High leverage*



Part #	Mfg #	Overall Length	Jaw Length	Jaw Width	Price
106805	D248-8 *	8-1/16"	13/16"	1-3/16"	

*** Semi-flush cuts Cherry Barrel rivets - for use on non-ferrous wire only**

Journeyman™ Diagonal Angled Head Cutter Pliers

- *Dual material handles*
- *High leverage*



Part #	Mfg #	Overall Length	Jaw Length	Jaw Width	Price
112637	J248-8	8-1/8"	13/16"	1-3/16"	

Needle-Nose Pliers

Standard Long-Nose Side-Cutting Pliers

- *Plastic dipped handles*
- *Induction hardened, long-lasting cutting knives*
- *Knurled jaws for sure wrapping and looping*



Part #	Mfg #	Overall Length	Jaw Length	Jaw Width	Price
106807	D203-6	6-5/8"	1-7/8"	11/16"	

Heavy-Duty Side-Cutting Long-Nose Pliers - Wire Stripping & Crimping

- *Plastic dipped extended handles*
- *Cleanly strips 12 AWG wire*
- *Crimps connectors, lugs, and terminals*
- *Induction hardened cutting knives*



Part #	Mfg #	Overall Length	Jaw Length	Jaw Width	Price
106808	D203-8NCR	8-5/8"	2-5/16"	1"	

Slip-Joint Pliers

Slip-Joint Pliers - Plastic Dipped Handles

- *(2) Versatile jaw positions*
- *Serrated jaws*
- *Nickel-chrome plated*



Part #	Mfg #	Overall Length	Jaw Length	Jaw Width	Price
112647	D511-6	6-1/2"	1-3/16"	1-3/16"	

Pump Pliers

Pump Pliers - Plastic Dipped Handles

- *Secure tongue and groove design for non-slip grip*
- *Wide range of versatile jaw positions*



Part #	Mfg #	Length	Max	Price
111629	D502-6	6-1/2"	7/8"	
106809	D502-10	10"	1-3/4"	
106810	D502-12	12-1/4"	2-3/8"	

Crimping and Cutting Tools

Crimping/Cutting Tool - Non-Insulated/Insulated Terminal

- *Designed to crimp insulated and non-insulated 10 to 22 AWG solderless terminals and connectors*
- *Tapered nose design*
- *Specially hardened cutter*
- *Hot-riveted joint*



Part #	Mfg #	Handle Color	Length	Price
106812	1005	Red	9-3/4"	

Wire Stripping & Cutting Tools

TripSaver® Combination Multi-Tool

- *High-carbon, rust-resistant stainless steel*
- *Lightweight, compact, sturdy*
- *Locking "L" handle snaps into "L" channel*
- *Includes:*
  - *Needle-nose pliers*
  - *Beveled wire cutter*
  - *Toothed pipe grippers*
  - *Files (coarse and fine)*
  - *5-Slot wire stripper (10-18 AWG)*
  - *Wire-looping hole*
  - *Scraper*
  - *Awl/reamer*
  - *Serrated sheepsfoot knife*
  - *Clip-point knife*
  - *Standard/metric ruler*
  - *Drywall saw*
  - *Locking "L" handle*
  - *#1 and #2 Phillips hex bits*
  - *(1) Small- and (2) large-slotted hex bits*
  - *1/4" Socket adapter*
  - *Lanyard hole and nylon pouch*



Part #	Mfg #	Description	Price
111226	1016	5-3/4" Long, TripSaver Multi-Tool	

Long-Nose Multi-Purpose Tool

- *Crimps insulated and non-insulated terminals and 7 to 8mm ignition terminals*
- *Long, curved cutting blade*
- *Cleanly shears bolts*
- *Plastic covered cushioned handles*



Part #	Mfg #	Strips & Cuts	Price
107642	1010	10 - 22 AWG	

Klein-Kurve™ Wire Stripper/Cutter

- *Precision shear-type blades*
- *Clean cuts on solid and stranded copper wire*
- *Markings on both sides*
- *Curved handles*
- *Wire looping and bending holes*
- *Coil spring provides fast self-opening action*
- *Precision-ground stripping holes*
- *Strong-gripping serrated nose*
- *Screw-shearing holes*
- *Handy closure lock for convenient storage*
- *Double dipped comfort grips*



Part #	Mfg #	Strips & Cuts	Price
106811	11055	10-18 Solid, 12-20 Stranded	

Pliers

Tongue and Groove Pliers

- *Right angle teeth*
- *Comfort grips*
- *Undercut tongue and groove - won't slip*



Part #	Mfg #	Description	Price
041942	J40-403	10" Long, 2" Capacity	
041943	J40-404	12" Long, 2-1/4" Capacity	

Levels

Torpedo Level

- *Ideal for general use and work in tight places*
- *Three vials for plumb, level and 45° miter*
- *Full length strong magnetic edge*
- *V-Grooved edge for pipe and conduit work*
- *Large top read level vial*



Part #	Mfg #	Model	Description	Price
051918	20233	395	9" Nightshade Level	

(Levels)

Torpedo Level

- *Aluminum construction*
- *Professional quality*



Part #	Mfg #	Description	Price
110080	J40-100	7-1/2" Length, Magnetic Sides	

Levels

Pocket Level



- *Strong molded plastic frame with pocket clip*
- *Multi view vial reads top, bottom or side*
- *Ideal for leveling thermostats*

Part #	Mfg #	Length	# of Vials	Price
006443	L5	5"	1	

RICHARD SPECIALTY CO., INC.

(Levels)



Part #	Mfg #	Description	Price
008910	R148700	ML-24	

KLEIN TOOLS

Torpedo Levels

Aluminum Level

- *Lightweight, precision made*
- *Acrylic plastic yellow vials*



Part #	Mfg #	Description	Price
110504	930-9	9" Level, Plumb & 45°	

Heavy-Duty Level with Magnet

- *Allows hands-free measurements on iron or steel surfaces*



- *Features Rare Earth magnets and vial frames with E-Z-See™ glow-in-the-dark-material*

Part #	Mfg #	Description	Price
111224	931-9RE	9" Level, Plumb & 45°	

Torpedo Level

- *Large, high visibility vials are easy-to-read*



- *Rare Earth magnet*
- *Vials set for measurements at 0°, 30°, 45° and 90°*
- *Machined billet aluminum design*
- *High contrast laser etched markings*

Part #	Mfg #	Description	Price
125146	932-9RE	9" Level, Plumb, 30°, & 45°	

LENOX

Utility Knives

Lenox® Gold™ Quick Change Knife



20353



GOLD5C, GOLD50D



20354

Part #	Mfg #	Description	Price
084422	20353-SSRK1	Retractable Blade Knife with (3) Blades	
084423	20350-GOLD5C	Replacement Blades, 5/Pk	
089119	20351-GOLD50D	Replacement Blades, 50/Pk	

Lenox® Gold™ Locking Tradesman Utility Knife

- *Easy open and close secure locking mechanism*
- *Ergonomic, rubberized comfort grip*
- *Multi-use tool; bottle opener, screwdriver and pipe reamer*
- *Built-in wire stripper*



Part #	Mfg #	Description	Price
105776	10771	Locking Tradesman Utility Knife	

Malco

Utility Knives and Knife Blades

Quick Open Utility Knife

- *Retractable blade*
- *Integrated hinge*



Part #	Mfg #	Description	Price
048168	9PK	3-Position	

Top Button Action Utility Knife

- *Safe, easy to operate thumb action mechanism on top*



Part #	Mfg #	Description	Price
006528	4PK	3-Position	

Knives & Replacement Blades

Mini-Knife®



- *Precision cuts clean and sharp*
- *Includes retractable blade*

Part #	Mfg #	Description	Price
006525	3PKM	Mini-Knife®	

Milwaukee

Utility Knives

Sliding Utility Knife



- *Side slide activated blade*
- *Rubber over mold hand grip*
- *On board blade storage*
- *Tool-free blade change*
- *Integrated gut hook and wire stripper*

Part #	Mfg #	Description	Price
137585	48-22-1910	Sliding Utility Knife	

18mm Snap Off Knife



- *Durable lock- up to 2x longer life*
- *Speed thread- 2x faster blade adjustment*
- *Microcarbide blade- up to 2x longer blade life*
- *Acetone resistant*
- *8 Point blade*

Part #	Mfg #	Description	Price
163299	48-22-1964	18mm Snap Off Knife	

Fastback™ Utility Knife



- *One-handed blade opening*
- *Tool-free blade change*
- *Wire stripper*
- *Integrated gut hook*
- *Thin body design*

Part #	Mfg #	Description	Price
137584	48-22-1901	FASTBACK™ Flip Utility Knife	

FASTBACK™ Smooth Folding Pocket Knife



- *Press and flip operation: Permits one-handed opening*
- *Stainless steel drop-point blade: resharpenable edge for long lasting use*
- *Liner lock*
- *Slim, compact body: stores easily yet withstands jobsite abuse*
- *Piercing tip: allows controlled piercing and smooth cutting*
- *Lanyard hole*
- *Reversible wire-form belt clip*

Part #	Mfg #	Description	Price
163301	48-22-1990	FASTBACK™ Smooth Folding Pocket Knife	

FASTBACK™ Spring Assisted Serrated Knife



- *Spring-assisted opening: Permits one-handed operation*
- *Black oxide-coated stainless steel serrated blade: Maintains long-lasting sharp edge*
- *Liner lock*
- *Serrated blade: Ideal for tearing through material, Tanto tip: Ideal for piercing material*
- *Slim, compact body: Stores easily yet withstands jobsite abuse*
- *Reversible wire-form belt clip*

Part #	Mfg #	Description	Price
162813	48-22-1995	FASTBACK™ Spring Assisted Serrated Knife	

FASTBACK™ Hawk Bill Folding Knife



- *Press-and-flip operation: permits one handed opening*
- *Stainless steel curved blade*
- *Liner lock*
- *Slim, compact body*
- *Piercing tip: allows controlled piercing and smooth cutting*
- *Lanyard hole*
- *Reversible wire-form belt clip*

Part #	Mfg #	Description	Price
170008	48-22-1985	FASTBACK™ Hawk Bill Folding Knife	

Knives & Replacement Blades

Putty Knives



Part #	Mfg #	Size	Price
096245	K50-015	1-1/4"	

Knives

Lightweight Lockback Knife - Drop-Point Blade with Pocket/Belt Clip



- *Blade is AUS8 stainless hardened to 58-59 Rc*
- *Anodized aluminum finish on handle is sliver with stainless steel blade or black with black-chrome blade*
- *Reversible thumb stud*

Part #	Mfg #	Blade Length	Color	Price
117588	44001-BLK	2-1/2"	Black	

Utility Knives

Utility Blades



- *Heavy-duty razor edged reversible*

Part #	Mfg #	Description	Price
125646	44101	(5) Blades	

Double-Locking Folding Utility Knife



- *Blade locks in both open and closed position*
- *Pocket/belt clip*

Part #	Mfg #	Closed Length	Overall Length	Price
125645	44108	3"	6-1/8"	

Pocket Knives

2-Blade Lockback Pocket Knife - Drop Point & Screwdriver Tip Blades

- *Anodized aluminum handle*
- *Thumb stud*
- *Includes removable pocket/belt clip*

Part #	Mfg #	Description	Price
117581	44008	Stainless Steel	

Utility Knives and Blades

#82 Safety Nose Retractable Blade Knife

Part #	Mfg #	Description	Price
036760	38205	Heavy-Duty Red	

Power Return Tapes

- *Ultraviolet curing extends blade life*
- *Impact-resistant cases*

Magnetic Tip Tape Measure

- *Reinforced end hook*
- *Nylon coated blade*
- *Yellow blade*



Part #	Mfg #	Size	Price
080609	T425M	1" x 25'	

Tape Measures

Part #	Description	Price
035970	1" x 25' Plumb Tape Measure	

Rulers & Tape Measures

Steel Tapes

Power Return Tape - Double-Sided



- *Baked-on epoxy coating to resist scratches, rust, and abrasions*
- *Thick rubber grip; blue case*
- *Oversized bold black number on first 11" 16" & 19" Red stud marks*

Part #	Mfg #	Length	Width	Price
135034	908-25	25'	1"	

Magnetic Double End-Hook Tape



- *Nylon-coated hardened steel blade*
- *Built-in shock absorber to protect blade tip*
- *True zero feature for accurate inside and outside measuring*
- *Durable steel belt clip for convenience*
- *Multi-riveted end hook with bottom blade protector reinforces the blade tip and provides maximum pull-out strength*
- *Rare earth magnetic double end hook*
- *First 11" (279mm) has oversized, bold numbers*
- *Easy-read fractional scale*
- *Double-sided rule for measurement while using against wall, ceiling or conduit*
- *Horizontal and vertical standout for easy one person measurements*
- *Shock and impact resistant case*

Part #	Mfg #	Description	Price
145377	93225	25' With Magnetic Tip	

Folding Wood Rules

Standard Rule



- *6' Long hardwood rules with clear abrasion resistant coating*
- *Black markings on yellow, with red stud center markings every 16 inches*
- *Measurements are marked on both sides and both edges, graduated to 1/16th inch*
- *Engraved graduations on both sides*

Part #	Mfg #	Reading	Length	Price
112668	900-6	Inside	6'	

RIDGID

Rulers

Fiberglass Folding Ruler



- *Precision made of flexible heavy-duty fiberglass*
- *With embedded easy-to-read boldface figures and graduations with red 16" stud marks and positive locking joints*
- *6" Inside flat reading*

Part #	Mfg #	Model	Width	Length	Price
008692	73370	1619F	5/8"	6'	

Saws & Blades

Hand Hacksaw Frames

HT50 High Tension Frame



- *Unique I-beam construction*
- *Rubberized handle*
- *50,000 psi*
- *Handle stores up to (5) extra blades*
- *Frame includes (1) 12" 24 TPI blade*

Part #	Mfg #	Description	Price
129562	12132-HT50	High Tension Metal Cutting	

Hand Saws

Compact Hacksaw



- *Heavy-duty aluminum handle*
- *Allows for flush cutting applications*

Part #	Mfg #	Description	Price
006368	20975-975	Multi-Purpose	

Close Quarter® Saw



- *Reaches into tight spaces where standard won't fit*

Part #	Mfg #	Description	Price
006366	20908-908	Close Quarter Saw	
022382	20906-906	6"L x 1/4"W, 32 TPI Blade	

Tri-Fold® Saw



- *Complete with reciprocating blade*
- *Locks into three different positions for cutting anything from wood to drywall, to stainless steel at any angle*
- *Uses any reciprocating blade with 1/2" tang*

Part #	Mfg #	Description	Price
113553	20997-TFHS618 636	(2) Blade, Plaster, Wood, & Metal Cutting (635R/636RP)	

PVC/ABS Plastic Pipe Hand Saw



Blade & Handle



Blade

- *Wide rigid carbon steel blade with hardened teeth*
- *Cut any size diameter plastic pipe, wood and nail-embedded wood*
- *Heavy-duty lightweight aluminum handle*

Part #	Mfg #	Description	Price
006260	20985-HSF12	12" Blade & Rubberized Handle	
006261	20980-HSF18	18" Blade & Rubberized Handle	
006258	20982-HSB12	12" Replacement Blade	
006259	20981-HSB18	18" Replacement Blade	

Saws & Blades

Bi-Metal Hacksaw Blades

- *Bi-metal construction allows blades to bend and flex without breaking*
- *TUFF TOOTH™ design eliminates tooth strippage*

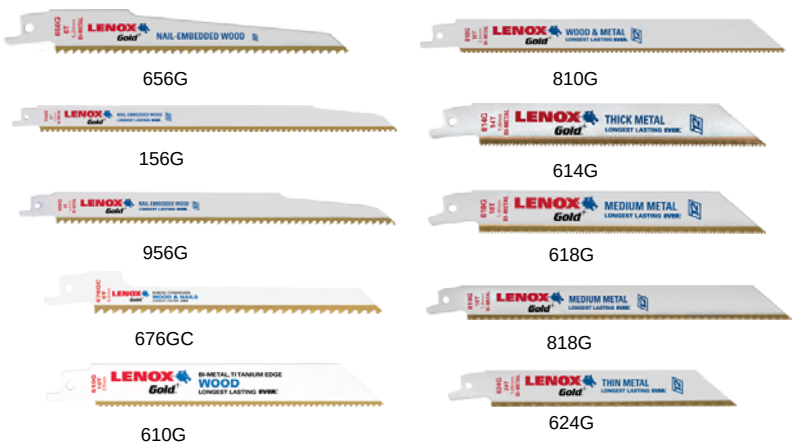


Part #	Mfg #	TPI	Length x Width	Pkg Qty	Applications	Price
006302	20116-218HE	18	12" x 1/2"	100	Heavy Metal	
096100	20141-V024HE	24	10" x 1/2"	10	Medium Metal	
006282	20111-024HE	24	10" x 1/2"	100	Medium Metal	
006305	20117-224HE	24	12" x 1/2"	100	Medium Metal	
006283	20112-032HE	32	10" x 1/2"	100	Non-ferrous Metals	
006306	20118-232HE	32	12" x 1/2"	100	Non-ferrous Metals	

Reciprocating Saw Blades

Lenox® Gold™ Reciprocating Blade

- *Longest lasting blade ever™*
- *Reinforced tooth design and precision applied titanium coating dissipate heat*
- *Titanium coating makes teeth more wear resistant so they stay sharp for quicker cuts*
- *Bi-metal design stands up to the most demanding applications*



Part #	Mfg #	TPI	L x W x Thick	Pkg Qty	Applications	Price
089084	21060-656G	6	6" x 3/4" x .050"	5	Wood, Drywall & Plaster	
089095	21061-156G	6	12" x 3/4" x .050"	5	Wood, Drywall & Plaster	
089094	21062-956G	6	9" x 3/4" x .050"	5	Wood, Drywall & Plaster	
089085	21063-676GC	6	6" x 7/16" x .050"	5	Scroll Cutting, Wood	
089086	21064-610G	10	6" x 3/4" x .035"	5	Wood & Thick Metal (1/8" - 1/2")	
089090	21065-810G	10	8" x 3/4" x .050"	5	Wood & Thick Metal (1/8" - 1/2")	
089087	21067-614G	14	6" x 3/4" x .035"	5	Thick to Medium Metal (3/32" - 1/2")	
089088	21069-618G	18	6" x 3/4" x .035"	5	Medium Metal (3/32" - 5/16")	
089091	21070-818G	18	8" x 3/4" x .035"	5	Medium Metal (3/32" - 5/16")	
089089	21072-624G	24	6" x 3/4" x .035"	5	Thin Metal (1/8" & Less)	

Saws & Blades

Demolition Blade

- *Engineered to rip through a wide array of materials with ease including structural steel, lumber, pipe and nail embedded wood*
- *Wider and thicker to stand up to the brutal conditions in demolition applications*
- *Shatter-resistant, bi-metal design provides the flexibility and durability single-metal blades can't*


966R


960R

106R

Part #	Mfg #	TPI	L x W x Thick	Pkg Qty	Applications	Price
020402	20598-966R	6	9" x 7/8" x .062"	2	Demolition, Drywall & Plaster	
089079	20500-106R	6	12" x 7/8" x .062"	2	Demolition, Drywall & Plaster	
020401	20597-960R	10	9" x 7/8" x .062"	2	Demolition	

Lazer™ Reciprocating Saw Blade

- *Best for extreme metal cutting*
- *Reinforced tooth design ensures higher performance in the most demanding jobs*
- *A wider, thicker body than conventional blades delivers whip-free cuts that stay straight and smooth*
- *Lasts up to 45% longer than competitors blades*
- *Shatter-resistant, bi-metal design provides the flexibility and durability single-metal blades can't*


9110R


6118R


9114R


9118R

Part #	Mfg #	TPI	L x W x Thick	Pkg Qty	Applications	Price
102718	20176-9110R	10	9" x 1" x .042"	5	Structural Steels & All Metals	
089080	20178-9114R	14	9" x 1" x .042"	5	Structural Steels & All Metals	
077700	20174-6118R	18	6" x 1" x .042"	5	Structural Steels & All Metals	
110795	20180-9118R	18	9" x 1" x .042"	5	Structural Steels & All Metals	

Lenox Lazer Gold™Reciprocating Saw Blade

- *Titanium edge*
- *Bi-metal technology*
- *Designed for heavy metal cutting*
- *Shatter-resistant*

Part #	Mfg #	TPI	L x W x Thick	Pkg Qty	Applications	Price
089101	21090-966GR	6	9" x 7/8" x .062"	5	Demolition & Wood	
089106	91091-106GR	6	12" x 7/8" x .062"	5	Demolition, Cast Iron, Wood	
089102	21089-960GR	10	9" x 7/8" x .062"	5	Demolition, Cast Iron, Wood	
089103	21097-9110GR	10	9" x 1" x .042"	5	Heavy Metals	
089107	21100-12110GR	10	12" x 1" x .042"	5	Heavy Metals	
089099	21094-6114G	14	6" x 1" x .042"	5	Medium Metals & Heavy Metals	
089104	21098-9114G	14	9" x 1" x .042"	5	Medium Metals & Heavy Metals	
089100	21095-6118GR	18	6" x 1" x .042"	5	Medium Metals	
089105	21099-9118GR	18	9" x 1" x .042"	5	Medium Metals	

Saws & Blades

Diamond™ Reciprocating Saw Blade



- *Lasts three times longer than convention carbide grit*
- *Narrow kerf design enables thinner, faster cuts*

Part #	Mfg #	Grit	L x W x Thick	Pkg Qty	Applications	Price
102459	10833-800RDG	Diamond	8" x 3/4" x .040	1	Cast Iron, Tile, Brick & Stone	

Master-Grit® Reciprocating Saw Blade



800RG

- *Cuts through materials that resist chip-forming*
- *Uniformly applied, durable carbide grit particles on a flexible blade provide fast cuts without snagging or binding*

Part #	Mfg #	Grit	L x W x Thick	Pkg Qty	Applications	Price
006363	20576-800RG	Medium	8" x 3/4" x .040"	2	Fiberglass, Ceramic Tile, Clays, Brick	

Bi-Metal™ Reciprocating Saw Blade

- *Patented TUFF TOOTH™ design provides long blade life*
- *Optimized for specific applications*
- *Shatter-resistant, bi-metal design provides the flexibility and durability single-metal blades can't*



650R



618R



110R



634R



810R



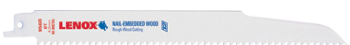
314RC



818R



456R



956R



118R



636RP



156R



414R



424R



656R



610R



318RC



676RC



614R



418R



624R

Part #	Mfg #	TPI	L x W x Thick	Pkg Qty	Applications	Price
006353	20575-634R	4	6" x 3/4" x .050"	5	Wood	
089082	20449-456RP	6	4" x 3/4" x .050"	5	Drywall & Plaster	
044001	20497-B636RP	6	6" x 3/4" x .050"	25	Drywall & Plaster	
006356	20572-656R	6	6" x 3/4" x .050"	5	Wood & Nail-Embedded Wood	
025881	20530-B656R	6	6" x 3/4" x .050"	25	Wood & Nail-Embedded Wood	
006358	20556-676RC	6	6" x 7/16" x .050"	25	Wood, Metal, Plastics & Composites	
006364	20580-810R	10	8" x 3/4" x .050"	5	Wood, Metal, Plastics & Composites	
057892	20590-B810R	10	8" x 3/4" x .050"	25	Wood, Thick Metal, Plastics & Composites	
006367	20582-956R	6	9" x 3/4" x .050"	5	Wood & Nail-Embedded Wood	
006295	20585-156R	6	12" x 3/4" x .050"	5	Wood & Nail-Embedded Wood	
025882	20493-B610R	10	6" x 3/4" x .035"	25	Wood, Metal, Plastics & Composites	
006349	20562-610R	10	6" x 3/4" x .035"	5	Wood, Metal, Plastics & Composites	
006350	20564-614R	14	6"x3/4 x.035"	5	Non-ferrous & Medium Metal	
024968	20592-650R	10/14	6" x 3/4" x .050"	1	Demolition	
006286	20583-110R	10/14	12" x 3/4" x .050"	5	Wood & Medium Metal (3/32" - 5/16")	

Reciprocating Saw Blades (Continued)

Bi-Metal™ Reciprocating Saw Blade

Part #	Mfg #	TPI	L x W x Thick	Pkg Qty	Applications	Price
006316	20520-314RC	14	3-5/8" x 5/16" x .035"	5	Wood & Medium Metal	
006331	20550-414R	14	4"x3/4"x.035"	5	Non-ferrous & Medium Metal (3/32"-5/16")	
006317	20521-318RC	18	3"x1/4"x.032"	5	Pressure-Treated Wood & Medium Metal	
006332	20552-418R	18	4" x 3/4" x .035"	5	Non-ferrous & Thin Metal (1/8" & Less)	
006351	20566-618R	18	6" x 3/4" x .035"	5	Non-ferrous & Thin Metal (1/8" & Less)	
033466	20529-B618R	18	6" x 3/4" x .035"	25	Non-ferrous & Thin Metal (1/8" & Less)	
028034	20578-818R	18	8" x 3/4" x .035"	5	Non-ferrous & Thin Metal (1/8" & Less)	
089077	21510-118R	18	12" x 3/4" x .035"	5	Non-ferrous & Thin Metal (1/8" & Less)	
006334	20554-424R	24	4" x 3/4" x .035"	5	Thin Metal (1/8" & Less)	
006352	20568-624R	24	6" x 3/4" x .035"	5	Thin Metal (1/8" & Less)	

Band Saw Blades

Wolf-Band® Portable Band Saw Blade



- *Long lasting high speed steel teeth*
- *Shatter-resistant*

Part #	Mfg #	TPI	Pk Qty	Price
094920	38428	10/14	1	

RIDGID

Abrasive Saw

- *Heavy-duty cast iron base with non-slip rubber feet*
- *D-Handle grip ergonomic handle*
- *Die cast aluminum motor housing with externally accessible brushes*
- *Tool-less fence adjustment*
- *Arbor lock and arbor wrench included*
- *Miter cut to 45°*

Replacement Saw Blade

Part #	Mfg #	Description	Price
067703	46956	14" Abrasive Disks for Steel, 10/Pk	

Pipe Saws

PVC/ABS Pipe Saw



Part #	Mfg #	Model	Description	Price
108804	50532	1205-2	18" Replacement Blade	

Hand Saws

Compact Hack Saw

- *Tool-free blade change*
- *Adjustable blade length*
- *Rubber over mold grip*



Part #	Mfg #	Description	Price
137579	48-22-0012	Includes (1) 10" Blade	

Rasping Jab Saw

- *Rasping holes along the side of the blade to rapidly expand holes or smooth rough edges of sheetrock*
- *Rubber over mold grip*
- *6" Plaster/drywall blade*



Part #	Mfg #	Description	Price
137581	48-22-0304	6" Rasping Jab Saw	

Folding Jab Saw

- *Folds for easy storage*
- *Uses standard Sawzall® blades*
- *Includes:*
  - *(1) Folding jab saw*
  - *(3) Reciprocating blades (metal, wood, multi-purpose)*



Part #	Mfg #	Description	Price
137583	48-22-0305	6" Folding Jab Saw	

Hand Saw

- *Tool free blade change*
- *Metal core body*
- *Clamshell design*
- *Rubber over mold grip*



Part #	Mfg #	Description	Price
137580	48-22-0223	PVC/ABS Hand Saw 18" Blade	

Sawzall® Blades

- *Matrix II high speed steel teeth with 8% cobalt, tough bi-metal design; 1/2" universal tang*

Pruning Sawzall® Blade

Part #	Mfg #	TPI	Blade Size	Pkg Qty	Price
142581	48-00-1303	5	12" x 3/4"	5/Pk	

Wood Cutting Sawzall® Blade

- *For cutting stock 3/8" and above*
- *Recommended for very fast cutting, nail-embedded wood, general roughing-in*



Part #	Mfg #	TPI	Blade Size	Pkg Qty	Price
141058	48-00-8036	6	9" x 3/4"	25/Pk	

Sawzall® Flush Cut Blade

- *Floor guard shields teeth from floor contact during bottom plate cut-outs*



- *Double truss design guides blade for straight window cut-outs*
- *Nail Guard™ unique design protects against tooth fracture when cutting nails between studs and joists*
- *Fang Tip™ delivers fast plunge cutting for window cut-outs*

Part #	Mfg #	TPI	Blade Size	Pkg Qty	Price
140976	48-00-1600	5	12" x 2-1/8"	1Pk	

Sawzall® Rough-In Blade

- *Low blade profile cuts 2-1/8" diameter holes for 1-1/2" PVC pipe*
- *Can cut holes through double top plates*
- *NAIL GUARD™ Unique design protects against tooth fracture when cutting through holes in nail embedded wood*
- *FANG TIP™ fast plunge cutting through bottom plates and subfloors*



Part #	Mfg #	TPI	Blade Size	Pkg Qty	Price
140978	48-00-1610	5	7-3/8" x 1/2"	5/Pk	

Saws & Blades

Sawzall® Blade Sets

12-Piece Assortment General Purpose Sawzall® Blade Kit

- *Includes:*
  - *(4) 6" 18 TPI The Torch blades*
  - *(2) 6" 8 TPI The Wrecker blades*
  - *(2) 6" 5 TPI The Ax blades*
  - *(2) 9" 5 TPI The Ax blades*
  - *(2) 9" 14 TPI The Torch blades*
  - *(1) Storage container*

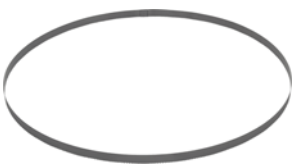


Part #	Mfg #	Description	Price
143952	49-22-1129	12-Pc General Purpose Blade Kit	

Band Saw Blades

Bi-Metal Band Saw Blade

- *44-7/8" x 1/2" x 0.020"*
- *Matrix II high speed steel teeth with 8% cobalt*
- *For the fastest cutting, longest life blade life available*



Part #	Mfg #	TPI	Dia or Wall Thickness	Pkg Qty	Price
138593	48-39-0511	14	3/16" - 5/16"	3/Pk	

Compact Portable Band Saw Blade

- *Matrix II high speed steel teeth*
- *Alloy backing steel*
- *Precision formed teeth*
- *For cutting common materials 3/16" - 5/16" thick and very hard materials 5/16" to 1/2" thick*



Part #	Mfg #	TPI	Blade Dimensions	Pkg Qty	Price
149985	48-39-0519	14	35-3/8" x 1/2"	3	

Hackzall™ Blades

M12 Hackzall™ Blade



49-00-5310



49-00-5461



49-00-5324

Part #	Mfg #	TPI	Length	For	Pkg Qty	Price
144141	49-00-5310	10	3-1/2"	Wood	5/Pk	
144142	49-00-5324	24	3-1/2"	Metal	5/Pk	
144143	49-00-5461	6	4"	Plaster	5/Pk	

M12 Hackzall™ Blade 10-Pc Set

- *Includes:*
  - *(2) Wood blades*
  - *(3) EMT Blades*
  - *(2) Duct Blades*
  - *(3) PVC Blades*
  - *Storage pouch*



Part #	Mfg #	Description	Price
143951	49-22-0220	M12™ Hackzall™ 10-Pc Set	

Sawzall® & Hackzall® Accessories

Scraper Blade

- *Fits all Sawzall® and Hackzall® reciprocating saws*
- *Induction hardened blade edge*
- *Corrosion resistant coating*
- *Chamfered corners prevent digging into work material*
- *Resharpenable blade*



49-00-5463



49-00-5456

Part #	Mfg #	Description	Price
148390	49-00-5463	1-1/2" Scraper Blade	
148391	49-00-5456	3" Scraper Blade	

Shear & Nibbler Accessories

PVC Shear Blade



- *Compatible only with the M12™ PVC Shear Tool*
- *Reinforced cutting edge*
- *Pierce point design*
- *Designed to cut PVC, CPVC, PEX, non-metallic conduit and rubber hose*
- *Blade dimensions: 4" x 2.5" x 0.149"*
- *High strength stainless steel*
- *Bowtie connection*

Part #	Mfg #	Description	Price
140717	48-44-0400	(1) Shear Replacement Blade	

Hand Saws

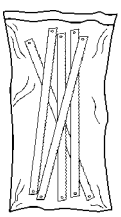
Mini Hacksaw



- *High quality, hardened steel blade*
- *Includes plastic teeth protector*

Part #	Mfg #	Description	Price
031884	301-062	6" - Deluxe Pistol Grip	

Replacement Blade



Part #	Mfg #	Description	Price
031885	301-061	6" for #301-062/301-065	

Saws

PlumBest Plastic Pipe Saw



- *Die cast aluminum handle*
- *Large comfortable grip*
- *Flame hardened blade*
- *Quickly cuts PVC, ABS, wood, sheetrock, etc.*
- *18" Blade has 10 TPI*

Part #	Mfg #	Description	Price
054589	S49-001	18" Blade & Handle	

E-Z Stroke Pipe Saw



S49-005



S49-006

- *Tri-edge teeth are borazon wheel ground*
- *For smooth, fast, accurate cutting*
- *Pull-stroke cutting action*
- *Cuts plastic pipe and wood*
- *Replaceable blade*

Part #	Mfg #	Description	Price
044951	S49-005	E-Z Stroke Pipe Saw	
045193	S49-006	Replacement Blade	
044963	S49-008	12" E-Z Stroke Pipe Saw	
045192	S49-007	12" Replacement Blade	

Drywall Saw



- *High quality carbon steel blade*
- *Great for sheetrock, wallboard, gypsum, plywood, wood and plastic pipe*
- *6" to 8 TPI Aggressive tooth design ensures super sharp, fast and easy cut*
- *Comfortable grip with thumb stop for greater leverage*
- *Handy wrist strap*

Part #	Mfg #	Description	Price
055539	S49-012	Drywall Saw	

Saws & Blades

Close Quarters Hacksaw

- *Nickel-plated steel frame*
- *Cuts wood, plastic, brass, aluminum and steel*



S50-060



S50-062

Part #	Mfg #	Description	Price
005881	S50-060	6" Hacksaw	
111480	S50-062	6" Adjustable Hacksaw	
005882	S50-061	Blades 32 Per Inch	
111479	S50-063	Mini Hacksaw Blades (Wholes for S50-062)	

Jab Saw

- *Cuts drywall, wallboard, plywood, and plastic*
- *Triple ground teeth for a fast cut*
- *Blade cuts in both directions (push and pull)*
- *Hardened, carbon steel blade for durability*
- *Hardened, beveled blade point for scoring and plunge cuts*
- *Comfort cushion grip with thumb groove*
- *Handle structure designed for strength and durability*
- *Flat end grip for palming or punching through drywall*



Part #	Mfg #	Blade Length	Overall Length	Price
106821	725	6"	12"	

Hole Saws

Replacement Blade

Part #	Mfg #	Diameter	Price
072037	RBW68	4-1/4"	

Saws

PVC Cable Saw

- *Cuts plumbing or electrical PVC faster than hacksaw*
- *Ideal for tight spots and in-ground repairs*



Part #	Mfg #	Description	Price
002737	70390	26" Cable Saw - Std	

Hand Sewer Machines

Petersen Drain Flushers

Petersen

- *Multi-flex™ multiple ply construction, high flow rate flushing*
- *Flexible for insertion around bends, internal stiffener for easy insertion*
- *3/4" Water hose coupling*



R193400



R193600



R193700

Part #	Mfg #	Description	Price
008378	R193400	102-001 1-1/2" Drain Jet	
008380	R193600	102-003 3" Drain Jet	
008904	R193700	102-004 4" Drain Jet	

Suction Guns

Part #	Mfg #	Description	Price
080436	R441825	Last Drop Suction Gun	

CHERNE®

Clog Buster™ Drain Flushers



Part #	Mfg #	Size	Price
002966	303135	1-1/2" - 3"	

General Pipe Cleaners

Flexicore® Closet Augers

Regular Head Closet Auger

- *With Flexicore double layer wire rope center*

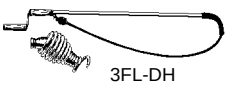

3FL


T6FL

Part #	Mfg #	Description	Price
093674	3FL	3' Flexicore (6/Ctn)	
005064	T6FL	6' Teletube Flexicore	

Down Head Closet Auger

- *Flexicore double layer wire rope center*


3FL-DH


T6FL-DH

Part #	Mfg #	Description	Price
005068	3FL-DH	3' Flexicore	
005063	T6FL-DH	6' Teletube Flexicore	

Urinal Augers



Part #	Mfg #	Description	Price
038683	TU4	Telescoping Teletube® - 48" Spring (6/Ctn)	

HARVEY SINCE 1944

Drain Cleaning & Tools

Mighty Mini Sink Plunger

- *4" Black rubber cup*
- *8" Plastic handle*
- *Barcode label*



Part #	Mfg #	Description	Price
053480	090288	Mighty Mini Sink Plunger	

Hand Sewer Machines

All Angle Power Plunger



- *Flexible black rubber cup with 21" yellow handle*
- *Fully assembled with header card*

Part #	Mfg #	Description	Price
041779	090300	Power Plunger	

Plungers



Part #	Mfg #	Description	Price
008174	93-8	Korky® Plunger	

Snake-Oil™



- *Highly recommended for use with all types of cables*

Part #	Mfg #	Description	Price
010265	SOQ-12	1 qt, 12/Pk	

Ken-Way Junior Drain Cleaner



- *Cleans 1" to 4" drain and process lines*
- *All steel construction*
- *Can handle cable sizes 1/4" to 1/2"*
- *Three drum size options*
- *Chuckless design speeds cable feeding*
- *Air powered foot switch*
- *Heavy-duty 1/4 hp motor*
- *Dimensions: 14"H x 17-1/2"W x 11"D*
- *Weight without cable: 24 lbs*

Part #	Mfg #	Description	Price
110571	J045	Ken-Way Jr. Drain Cleaner w/Regular Drum & 3/8" x 50' Blade End Cable & Blades	

Super-Vee™ Drain Cleaners

Super-Vee™ Drain Cleaner Kit

- *Includes:*
  - *Basic unit (side action chuck, variable speed motor with reversing switch*
  - *Case*
  - *HECS Cutter set*
  - *(1) Additional cartridge*

Part #	Mfg #	Description	Price
019540	SV-C-WC	1/4" x 50' (50HE1) & 3/8" x 35' (35HE2) Cables	

Power Sewer Machines

Mini-Rooter™ Drain Cleaners

Mini-Rooter™ Drain Cleaner Kit

- *Includes:*
  - *Basic unit (MR-200 drum, 1/3 hp motor with reverse switch, 10' power cord, ground fault interrupter, waterproof air foot switch, leather gloves and cable*
  - *MRCS Cutter set (AH arrow head, BG boring gimlet, 1-1/2" U & 1-1/2" U-cutter, 2" SCB side cutter blade)*

Part #	Mfg #	Description	Price
005054	MR-B	75' x 3/8" (75EM2) Cable & MRCS Cutter Set	

Mini-Rooter™ Drainer Cleaner Accessories



Part #	Mfg #	Description	Price
028942	MR-W	Mini-Rooter™ Dolly	

Flexicore Cables

- *With male and female connectors* 

Part #	Mfg #	Size	Price
005072	50EM2	3/8" x 50'	
027735	100EM5	3/4" x 100'	

Replacement Cables



Basin Plug Head

Part #	Mfg #	Description	Price
020328	25HE1	1/4" x 25' w/El Basin Plug Head	
005073	50HE1	1/4" x 50' w/El Basin Plug Head	

Cutters

Cutters for 3/8" Cable



AH



FAH



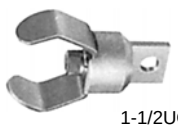
BG



DHBG



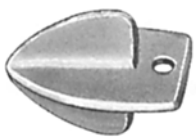
DHF



1-1/2UC

Part #	Mfg #	Description	Price
005048	AH	Arrow Head	
018911	FAH	Flex Arrow Head	
005049	BG	Boring Gimlet	
005051	DHBG	Down Head Boring Gimlet	
005052	DHF	Down Head Fitting	
005065	1-1/2UC	1-1/2" U-Cutter	

Cutters for 5/8" & 3/4" Cable



SHD



SCB



HDSC



RTR-2

Part #	Mfg #	Description	Price
019877	SHD	Spear Head Starting Drill	
005069	3SCB	3" Side Cutter Blade - 2-Pc	
005071	4SCB	4" Side Cutter Blade - 2-Pc	
017789	3HDSC	3" Heavy-Duty Side Cutter	
019876	RTR-2	Corkscrew Retrieving Tool	

Connectors

Basic Connector



FC



MC

Part #	Mfg #	Description	Price
019868	5/8FC	5/8" Female, Butt Weld	
019870	3/4FC	3/4" Female, Butt Weld	
005070	3/8E-FC	3/8" Female, For 3/8" EM Cable	

Connectors (Continued)

Basic Connector

Part #	Mfg #	Description	Price
019865	3/8MC	3/8" Male	
019867	1/2MC	1/2" Male	
019869	5/8MC	5/8" Male, Butt Weld	
019975	3/4MC	3/4" Male, Butt Weld	

Quick Fix Connector



Part #	Mfg #	Description	Price
019860	1/2QF	1/2" Quick Fix	
019862	5/8QF	5/8" Quick Fix	
017788	3/4QF	3/4" Quick Fix	

Connector Screw

Part #	Mfg #	Description	Price
019864	5/8CS	5/8", 5-Pack, For Butt Weld	
005050	3/4CS	3/4", 5-Pack, For Butt Weld	

D-25 Handy™ Drain Cleaner Heads

D-25 Handy™ Drain Cleaner Head - Down Head (DH)

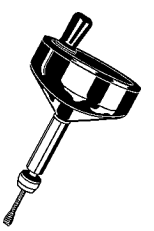
- *Flexicore™ cable units*
- *Can be attached to a drill*



Part #	Mfg #	Description	Price
095198	D-25-2	1/4" x 25'	

No. 25 Handy Drain Cleaner Heads

Down Head (DH) Handy



Part #	Mfg #	Description	Price
092130	25-8	5/16" x 25'	

Flexicore® Wire Rope Center Drain Augers

Regular Head less Handle

- *Includes rotary handle*
- *Hand wire only*



Part #	Mfg #	Description	Price
043667	L-25FL1	1/4" x 25'	

Down Head less Handle

- *Includes rotary handle*
- *Hand wire only*



Part #	Mfg #	Description	Price
097172	L-25FL1-DH	1/4" x 25'	

Flat Sewer Rods

- *Oil tempered - rust ban coated*
- *Quick-Grip handle*
- *Roller head*



Flat Sewer Rod for 4" - 6" Pipe

Part #	Mfg #	Size	Lgth	Price
032705	100D	3/4" x 1/8"	100'	

Shovels

Shovels

Round Point Shovel with Long Handle

- *14 Gauge steel head and ferrule*
- *Shovel blades and shanks are 1-piece rustproof, taper-formed, then heat treated*
- *Handle length: 47"*



Part #	Mfg #	Model	Blade Size	Price
008693	52300	170	8-5/8" x 11-1/2"	

BULLY TOOLS

Heavy-Duty Commercial Shovels

Round Point Shovel with Long Fiberglass Handle

- *12 Gauge steel head and ferrule*
- *Closed back*
- *Wood reinforced fiberglass handle*
- *Handle length: 48-1/2"*
- *Overall length: 59-1/4"*
- *100% American made*



Part #	Mfg #	Description	Price
136120	92515	12ga Round Point Shovel	

Floral & Speciality Shovels

Mud Shovel with Long Fiberglass Handle

- *14 Gauge steel head and ferrule*
- *Closed back*
- *Wood reinforced fiberglass handle*
- *Handle length: 48-1/2"*
- *Overall length: 59"*
- *100% American made*



Part #	Mfg #	Description	Price
136122	92705	14ga Mud Shovel, Closed	

Trunk Shovel with D-Grip Steel Handle

- *14 Gauge steel head and ferrule*
- *Closed back*
- *Steel handle*
- *Handle length: 24-1/2"*
- *Overall length: 32-3/4"*
- *100% American made*



Part #	Mfg #	Description	Price
147666	92712	14ga Trunk Shovel, Steel	

Spades

Drain Spade D-Grip with Fiberglass Handle

- *12 Gauge steel head and ferrule*
- *Closed back*
- *Wood reinforced fiberglass handle*
- *Handle length: 32"*
- *Overall length: 40"*
- *100% American made*



Part #	Mfg #	Description	Price
136121	92535	12ga Drain Spade, Closed	

Snips for Metal and Vinyl

Max2000™ Aviation Snips

- *An adjustable crossover disk assures an optimal length of cut that remains smooth and accurate*
- *Machined serrations on outside face of cutting edge*
- *Thicker, stronger steel handle resists abuse and will not collapse under normal use*
- *Length: 10-3/4"*


M2001


M2002


M2003

Part #	Mfg #	Description	Price
032962	M2001	Cuts Left, Red Ergonomic Grip	
032963	M2002	Cuts Right, Green Ergonomic Grip	
032964	M2003	Combination, Yellow Ergonomic Grip	

Max2000™ Bulldog Aviation Snips

- *Designed for notching and trimming*
- *Ideal for cutting multiple layers or "S" cleats*



Part #	Mfg #	Description	Price
032965	M2005	Red Ergonomic Grip	

Max2000™ Offset Aviation Snips

- *Cuts straight line and 5" diameter circles*


M2006


M2007

Part #	Mfg #	Description	Price
036461	M2006	Cuts Offset Left, Red Ergonomic Grip	
036462	M2007	Cuts Offset Right, Green Ergonomic Grip	

Andy™ Classic Snips

- *Suitable for mild curve cuts, straight shearing, or cutting multiple layers of sheet metal*
- *Lightweight aluminum handle*
- *3" Cutting length*



Part #	Mfg #	Description	Price
006451	M12A	12" Length	

Andy™ Pattern Snips

- *Ground blade edge*
- *Suitable for mild curve cuts, straight shearing, or cutting multiple layers of sheet metal*
- *Lightweight aluminum handle*
- *Larger handle loops*
- *Extended blade tips*
- *3-1/4" Cutting length*

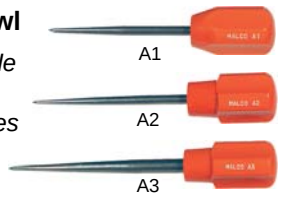


Part #	Mfg #	Description	Price
057978	M14N	14" Length	

Sheet Metal Tools

Awls

Scratch Awl



- *High carbon alloy tool steel blade polished to resist rust*
- *May be re sharpened many times*
- *Easy-to-spot orange handles are shock and shatter resistant*

Part #	Mfg #	Blade Dia	Nom Length	Price
006370	A1	7/32"	5-3/4"	
006371	A2	1/4"	6-1/4"	
006373	A3	3/8"	7-1/2"	

Scribers

Pocket Size Sheet Metal Scriber



- *Five teeth produce 10 scribing depths*
- *Compact scribe stores in pocket, pouch or tool box*
- *Use hang hole or magnet to keep handy on the job*

Part #	Mfg #	Min/Max Adjustments	Price
038068	A40	1/8" - 1" Depths	

Adjustable Sheet Metal Scriber



- *Measure, mark and scribe in one easy operation*
- *Depth up to 12-1/2"*
- *Compact design*
- *Durable construction*
- *Constructed of rust resistant nickel plated steel*
- *Knob assembly with hardened steel bolt insert will not strip out*
- *Uses Zip-In® sheet metal screw making point replacement easy*

Part #	Mfg #	Min/Max Adjustments	Price
006376	A60	1/4" - 12-1/2" Depths	

Dividers



- *Length: 11"*
- *Scratch awl points are easily re sharpened or replaced*
- *Nickel-plated steel body*

Part #	Mfg #	Description	Price
006515	#18	32" Max Circle Diameter	
006522	#24	42" Max Circle Diameter	
021655	RP2	Divider Points for #18 and #27	

Folding Tools



- *Folding seams are formed from two steel halves, permanently joined together*

Part #	Mfg #	Width	Folding Depths	Price
006512	12F	12"	3/8" and 1"	
006516	18F	18"	3/8" and 1"	

Duct Tools and Accessories

Duct Stretcher



- *Wheels can be changed to other side of tool for applications where side of duct is close to wall or obstruction*

Part #	Mfg #	Description	Price
006386	DS1	16"	
006388	DS2	16" Offset Handle	
025654	DS3	12" Locking	

Sheet Metal Tools

TurboShear™ Drills

TurboShear™



- *Attaches to the chuck of a 1200 rpm, 12V cordless or an A/C electric drill*
- *Makes fast cuts in sheet metal*
- *Capable of making precise 6" x 6" square hole cuts*
- *20 Gauge capacity in spiral duct*
- *18 Gauge capacity in galvanized steel*
- *Material must be pre-set or held by an assistant*
- *Shear cuts to the left*
- *Use TSDC drill clamp for 1-hand operation*

Part #	Mfg #	Description	Price
067222	TS1	TurboShear™ Sheet Metal Cutter	

Hole Cutters

"Gold Standard" Hole Cutter



- *Cuts holes up to 12" diameter in 20 gauge sheet metal*
- *Use with any standard 1/4" electric drill*
- *Cast aluminum body*
- *All wearing parts made of special heat-treated steel*

Part #	Mfg #	Hole Diameter	Price
006408	HC1	2" - 12"	

REDLINE™ Hand Tools

5-Blade Pipe Crimper



- *One-hand operation latch*
- *Soft-touch, non-slip handle insert*
- *Ergonomically contoured handles*

Part #	Mfg #	Throat Depth	Price
131064	C5R	1-5/8"	

Hand Notcher



- *One-hand operation latch*
- *Soft-touch, non-slip handle insert*
- *Ergonomically contoured handles*
- *Opening maximizes handle leverage*

Part #	Mfg #	Throat Depth	Price
132797	N1R	13/16"	
132798	N2R	1"	

Hand Seamer with Forged Steel Jaw

- *One-hand operation latch*
- *Soft-touch, non-slip handle insert*
- *Ergonomically contoured handles*
- *Opening maximizes handle leverage*

S2R



S6R



Part #	Mfg #	Jaw Depth	Jaw Width	Price
132799	S2R	1-1/4"	3-1/4"	
132801	S6R	1-1/4"	6"	

Offset Hand Seamer with Forged Steel Jaw



- *One-hand operation latch*
- *Soft-touch, non-slip handle insert*
- *Ergonomically contoured handles*
- *Opening maximizes handle leverage*

Part #	Mfg #	Jaw Depth	Jaw Width	Price
132800	S3R	1-1/4"	3-1/4"	

Snap Lock Punch for Siding



- *One-hand operation*
- *Ergonomic handles*
- *Opening maximizes handle leverage*

Part #	Mfg #	Length	Throat Depth	Price
006483	SL1R	8"	3/8"	

Sheet Metal Tools

Crimpers

Single Crimper with Red Grip

- *Fast, easy to use and lightweight*
- *Handy lock makes tool pocket sized*
- *Length: 8"*



Part #	Mfg #	Throat Depth	Price
020268	SC1	1-1/4"	

Fiberglass Flex Duct Tools

Tensioning Tool

- *Hardened steel stampings with weather resistant nickel chrome finish*
- *Vinyl grips with hand stops*
- *Tensioning adjustment knob and auto cut-off mechanism*



Part #	Mfg #	Description	Price
006499	TY6	High Leverage Tie Tool, Auto Cut-Off	

Tie Tool

- *Action tie tools feature long wearing, serviceable parts*
- *Comfortable handles reduce the pinch point area*
- *Works on all ties including thin designs*



Part #	Mfg #	Description	Price
006498	TY4	Manual Cut-Off	

Flex Duct Cutter and Shear

- *Double edged knife blade*
- *Thumb operated latch*
- *Easily resharpenable*
- *Handles feature non-slip vinyl grips*



Part #	Mfg #	Description	Price
006389	FDC1	Flex Duct Cutter	

Riveting Tools

2-in-1 Hand Riveter

- *Adjustment features a single long stroke and a short ratchet action*



Part #	Mfg #	Capacity	Price
006518	2-IN-1	1/8"-3/16" Rivet w/Steel Mandrel, 3/32- 5/32" Rivet w/SS Mandrel 8"Long	

Snips

Aviation Snips

- *One handed locking*
- *Flush bolt design*
- *Forged alloy steel blades*
- *Hard chrome-plated blades reduces corrosion and protects against rust*
- *Serrated jaws*
- *Ergonomic handles*



48-22-4010



48-22-4020



48-22-4030

Part #	Mfg #	Description	Price
150222	48-22-4010	Left Cutting	
150224	48-22-4020	Right Cutting	
150220	48-22-4030	Straight Cutting	

Offset Snips



- *45 Degree offset*
- *One handed locking - Ease of use/quick open & close*
- *Flush bolt design*
- *Forged alloy steel blades*
- *Rust protection - hard chrome plated blades increases tool life by reducing corrosion*
- *Serrated jaws - cuts: up to 18ga CRS (Cold rolled steel); 22ga SS (Stainless steel)*
- *Ergonomic handles*

Part #	Mfg #	Description	Price
163181	48-22-4012	Left Cutting Offset Snips	
163182	48-22-4022	Right Cutting Offset Snips	

Sheet Metal Tools

Snips (Continued)

Offset Snips

Part #	Mfg #	Description	Price
163183	48-22-4032	Straight Cutting Offset Snips	

Bulldog Snips



- *One handed locking - ease of use quick open & close*
- *Flush bolt design*
- *Forged alloy steel blades*
- *Rust protection*
- *Serrated jaws - cuts up to 16ga CRS (Cold rolled steel); 18ga SS (Stainless steel)*
- *Ergonomic handles*

Part #	Mfg #	Description	Price
163647	48-22-4000	Bulldog Snips	

Right Angle Snips



- *One handed locking - ease of use/quick open & close*
- *Flush bolt design*
- *Forged alloy steel blades*
- *Rust protection - hard chrome plated blades increases tool life by reducing corrosion*
- *Serrated jaws - Cuts up to 24ga cold rolled steel; 28ga stainless steel*
- *Ergonomic handles*

Part #	Mfg #	Description	Price
163488	48-22-4011	Left Cutting Right Angle Snips	
162739	48-22-4021	Right Cutting Right Angle Snips	

3-Piece Aviation Snips Set



- *One-handed locking*
- *Flush bolt design*
- *Forged alloy steel blades*
- *Rust protection*
- *Serrated jaws cuts up to 18 gauge cold rolled steel and 22 gauge stainless steel*
- *Ergonomic handles*
- *Includes:*
  - *Straight cutting snips (48-22-4030)*
  - *Right cutting snips (48-22-4020)*
  - *Left cutting snips (48-22-4010)*

Part #	Mfg #	Description	Price
147911	48-22-4033	3-Pc Aviation Snips Set	

Jobsite Straight Scissors



- *Iron carbide edge blades*
- *Smooth blades for burr-free cuts*
- *All metal core*
- *Bolt lock technology*
- *Rust protection*
- *Large handle loops*
- *Ruler markings on blade*
- *Index finger groove*

Part #	Mfg #	Description	Price
168966	48-22-4041	Jobsite Straight Scissors	

Jobsite Offset Scissors



- *Iron carbide edge blades*
- *Micro-Serrated blades for grip while cutting*
- *All metal core*
- *Bolt lock technology*
- *Rust protection*
- *Large handle loops*
- *Ruler markings on blade*
- *Index finger groove*

Part #	Mfg #	Description	Price
168964	48-22-4040	Jobsite Offset Scissors	

KLEIN TOOLS

Sheet Metal Tools

5-Blade Crimper



- *All steel construction and nickel-plating*
- *Produces indentations in stove pipe and round duct*
- *Crimps 24 gauge CRSM and 24 gauge SSSM*

Part #	Mfg #	Handle Color	Length	Price
106830	86550	Blue	9"	

Sheet Metal Tools

Hand Notcher

- *Creates 30° "V"-shaped cuts in sheet metal*
- *Forged, high impact steel jaw with 13/16" maximum throat depth*
- *All steel construction with nickel-plated and black-oxide finish*



Part #	Mfg #	Handle Color	Length	Price
106831	86551	Blue	8-1/2"	

Straight Hand Seamer - 3-1/4" Jaw

- *For bending and flattening sheet and non-ferrous metals*
- *3-1/4" Wide forged, high impact steel jaws are marked in 1/4" increments*
- *All steel construction and nickel-plated*



Part #	Mfg #	Handle Color	Length	Price
106828	86553	Blue	8-3/8"	

Offset Hand Seamer

- *Compound-leverage mechanism easily bends, seams and flattens sheet metal*
- *For use in overhead and confined areas*
- *Broader jaw model for forming wider folds*
- *Folds 22 gauge CRSM and 24 gauge SSSM*
- *Jaw marked in 1/4" (6 mm) increments for precise bending measurements*
- *Heavy-duty jaw/handle linkage for durability and easy operation*
- *All steel construction and nickel-chrome plated hardware*
- *Vinyl grips with handle stops*



Part #	Mfg #	Handle Color	Length	Price
106829	86552	Blue	8"	

Offset Seamer Tong

- *Hot drop-forged*
- *Bending depth indicators marked in 1/4" increments*
- *Bends 22 gauge CRSM*
- *Cushioned handles*



Part #	Mfg #	Handle Color	Length	Price
108257	86554	Red	9-3/4"	

Folding Tool

- *(2) Folding depths:*
  - *3/8" (10mm)*
  - *1" (925mm)*
- *Handy sight gauges*
- *Made of heavy-duty 16 gauge steel*



Part #	Mfg #	Description	Price
108249	88980	12" Long	
108250	88981	18" Long	
108252	88982	24" Long	

Duct Slitting Tool

- *Blade used to scribe a line or pierce and enlarge holes in sheet metal*
- *Cushion grip handle*
- *Patented Tip-Ident® identifies type of tool and orientation*



Part #	Mfg #	Size	Price
108253	DS7	12-5/8" OAL	

Duct Stretcher

- *Aligns and pulls ductwork together, easing installation of drive cleats*
- *Offset handle protects hand*



Part #	Mfg #	OAL	Price
108255	89565	16"	

Cutting and Notching Tools

Tinner Snips

- *6" Angled, hollow-ground cutting edge for cutting full 3-1/2" (89 mm) straight cuts and wide curves*
- *Easily replaceable cutting blades made of high-carbon steel*
- *Cutting capacity:*
  - *22 Gauge cold-rolled sheet metal*
  - *26 Gauge stainless steel sheet metal*
- *Not for use on hardened wire, nails, or any other rounded surface*
- *Lightweight magnesium handles*



Part #	Mfg #	Handle Color	Length	Price
108246	3100	Gray	13"	

Sheet Metal Tools

Snap Lock Punch



- *Compound-leverage mechanism for greater control and easy operation*
- *Drop-forged steel jaw easily punches 3/8" (9.5mm) wide impressions on metal edges to easily join pieces of sheet metal, duct, or pipe*
- *All-steel construction and nickel-chrome plated hardware provide long life and durability*
- *Vinyl grips with handle stops for added comfort and easy operation*

Part #	Mfg #	Handle Color	Length	Price
108254	86560	Blue	8"	

Cutting and Notching Snips

Journeyman Offset Snips

- *Soft touch grips*
- *Klein Kurve® handles*

JOURNEYMAN™



J2100L



J2102S



J2101R



J2106S

Part #	Mfg #	Overall Length	Cutting Pattern	Color Code	Price
130818	J2100L	9-1/2"	Left/Str	Red/Blk	
130819	J2101R	9-1/2"	Right/Str	Grn/Blk	
130820	J2102S	9-1/2"	Straight	Yel/Blk	
130821	J2106S	10-1/2"	Straight Long Blade	Yel/Blk	

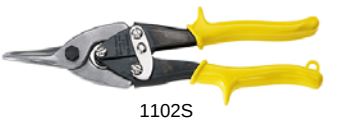
Aviation Snips



1100L



1101R



1102S



2100L



2101R



2102S



2103

Part #	Mfg #	Overall Length	Cutting Pattern	Color Code	Price
106833	1100L	9-3/4"	Left	Red	
106832	1101R	9-3/4"	Right	Green	
108247	1102S	10-1/8"	Straight	Yellow	
106835	2100L	9-1/2"	Offset Left	Red	
106836	2101R	9-1/2"	Offset Right	Green	
108248	2102S	9-1/2"	Offset Str	Yellow	
106834	2103	9-1/4"	Notch	Yellow	

LENOX

Snips

Aviation Snips

- *Long blade life*
- *Ultimate spring durability*
- *Quick identification*



22101



22102



22103

Part #	Mfg #	Description	Price
102088	22101	Cuts Left	
104542	22102	Cuts Right	
103683	22103	Straight	

Offset Snips

- *Long blade life*
- *Ultimate spring durability*
- *Quick identification*


22206

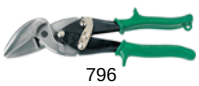

22207

Part #	Mfg #	Description	Price
103680	22206	Cuts Left	
103681	22207	Cust Right	

General Purpose Tools

Offset Snips

- *1-1/2" Cut length*


796


797

Part #	Mfg #	Model	Description	Length	Price
017927	16202	796	Cuts Right	10-1/2"	
017926	16207	797	Cuts Left	10-1/2"	

Wrenches

Heavy-Duty Straight Pipe Wrench



- *Sturdy, cast iron housing and I-beam hand with full floating forged hook jaw, nonstick adjustment nut and replaceable hook and heel jaws*

Part #	Mfg #	Model	Nom Size	Pipe Capacity	Price
008714	31010	10	10"	1-1/2"	
008686	31020	14	14"	2"	
008695	31025	18	18"	2-1/2"	
029928	31030	24	24"	3"	

Aluminum Handle Straight Pipe Wrench



- *Nearly 40% lighter than comparable cast iron models of the same size*
- *Jaws and all other parts identical to RIDGID heavy-duty wrenches*

Part #	Mfg #	Model	Nom Size	Pipe Capacity	Price
008768	31090	810	10"	1-1/2"	
054899	47057	812	12"	2"	
008770	31095	814	14"	2"	
008772	31100	818	18"	2-1/2"	
008774	31105	824	24"	3"	
026610	31115	848	48"	6"	

Aluminum Handle Offset Pipe Wrench



- *Nearly 50% lighter than comparable cast iron models of the same size*
- *Features a jaw opening parallel to the handle and narrower hook jaw head which provides easy entry into tight spots*

Part #	Mfg #	Model	Nom Size	Pipe Capacity	Price
022973	31125	18	18"	2-1/2"	

Strap Wrench



- *Best for any polished pipe*
- *Strong, woven nylon strap gives tight grip*
- *Polyurethane-coated strap prevents scratching*
- *Replacement straps available*

Part #	Mfg #	Model	Handle Length	Strap Length	Strap Width	Pipe Capacity	OD Tube Capacity	Price
008700	31340	2	11-3/4"	17"	1-1/8"	2"	3-1/2"	

Hex Wrench



- *Gives multi-sided, secure grip on all hex nuts, square nuts, unions, and valve packing nuts*

Part #	Mfg #	Model	Description	Nom Size	Pipe Capacity	Price
008571	31305	E110	Offset Hex	9-1/2"	1-1/8" - 2-5/8"	

Wrenches

Spud Wrench



- *Narrow jaws to fit into tight places*
- *Smooth, toothless jaws ideal for square or rectangular stock*

Part #	Mfg #	Size	Pipe Capacity	Price
008717	31400	12"	3/8" - 2-5/8"	

Adjustable Wrench



- *High strength forged, precision broached superior strength*
- *Wider and deeper jaws increased bite and grip surface*
- *Nickel plated superior corrosion resistance*
- *Acid etched scales English and metric readings*

Part #	Mfg #	Model	Nom Size	Pipe Capacity	Price
050314	86902	756	6"	3/4"	
050315	86907	758	8"	7/8"	
050323	86912	760	10"	1-1/8"	
050320	86917	762	12"	1-5/16"	

Basin Wrench



- *Spring-loaded jaws of forged alloy steel*
- *Tension plug holds head in any position up to 90° angle*

Part #	Mfg #	Model	Description	Nom Size	Pipe Capacity	Price
008658	31175	1017	Telescoping Basin	10" - 17"	3/8" - 1-1/4"	
022327	31180	1019	Telescoping Basin	10" - 17"	1-1/4" - 2-1/2"	

Faucet and Sink Installer (Plastic Nut Basin Wrench)



- *Designed to reach and turn plastic mounting nuts on faucets, sprayers and ballcocks*
- *Used to fasten and remove plastic basin nuts, supply line nuts, and 7/8" and 1" hex nuts*
- *Notched ends are designed to self-center on 2, 3, 4 and 6 tab nuts and to fit on metal hex nuts*
- *Strainer basket attachment holds drain unit in place while tightening strainer nut*
- *High strength plastic with aluminum inserts*

Part #	Mfg #	Model	Length	Price
034146	66807	2006	10-1/4"	

OneStop™ Wrench



- *(2) Tools in one*
- *Provides exact size surface wrenches needed for angle stop and compression coupling installation*

Part #	Mfg #	Model	Description	Price
065524	27023	2002	OneStop™ Wrench	

Wrenches

Wrench Parts



Part #	Mfg #	Description	For Model	Price
008614	31675	Heel Jaw & Pin Assembly	18, 818, E-18, S4A	

Wrenches

Wrenches

Aluminum Pipe Wrench



Part #	Mfg #	Size	Price
089135	23820-10ALPW	10"	
089136	23821-12ALPW	12"	
089137	23822-14ALPW	14"	
089138	23823-18ALPW	18"	
089139	23824-24ALPW	24"	

Heavy-Duty Cast Iron Pipe Wrench



Part #	Mfg #	Size	Price
096094	23813-10HDPW	10"	
096096	23814-12HDPW	12"	
096917	23815-14HDPW	14"	

RICHARD SPECIALTY CO., INC.

Wrenches

Chrome Adjustable Wrench

- *Longer jaws grip better, avoiding slippage or nut round off*
- *Measurement scales are handy for sizing nuts, pipe and tube diameters*



- *Greater jaw capacity supports larger nuts and bolts*
- *Thinner jaws for greater access in tight spaces*
- *Precise jaw design grips tight the first time*
- *Four thread knurl and non-protruding jaws provide greater capacity*
- *Minimal head width improves performance in confined spaces*
- *Chrome vanadium steel construction*

Part #	Mfg #	Length	Capacity	Price
058194	R114800	4-1/2"	1/2"	
058195	R114900	6-1/4"	15/16"	
058196	R115000	8"	1-3/16"	
058197	R115100	10"	1-3/8"	
058198	R115200	12"	1-1/2"	

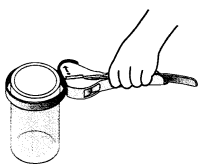
Code Blue® Adjustable Wrench

- *Longer jaws grip better, avoiding slippage or nut round off*
- *Measurement scales are handy for sizing nuts, pipe and tube diameters*
- *Greater jaw capacity supports larger nuts and bolts*
- *Thinner jaws for greater access in tight spaces*
- *Precise jaw design grips tight the first time*
- *Four thread knurl and non-protruding jaws provide greater capacity*
- *Minimal head width improves performance in confined spaces*
- *Code Blue® grips are designed for durability and comfort*



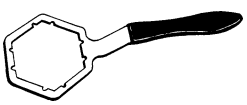
Part #	Mfg #	Length	Capacity	Price
117996	R115560	8"	1-1/2"	

Radiator Nipple Wrench



Part #	Mfg #	Description	Price
029136	R126145	Rubber Strap Wrench, 3/8" to 5-1/2"	

Drain Wrench



Part #	Mfg #	Description	Price
032867	R124710	Drain Wrench	

Wrenches

Adjustable Wrenches

Standard-Jaw Design Adjustable Wrench - Plastic Dipped Handles



- *Plastic dipped handles*
- *Forged heat treated alloy steel for maximum strength and lightweight*
- *High polish chrome finish*

Part #	Mfg #	Length	Capacity	Price
111292	D506-4	4-1/2"	1/2"	

Adjustable Wrench - Extra Capacity Plastic Handle



- *Excellent in confined spaces*
- *High polish chrome finish*

Part #	Mfg #	Length	Capacity	Price
112170	D507-6	6-3/8"	15/16"	
107650	D507-8	8-3/8"	1-1/8"	
106824	D507-10	10-3/8"	1-5/16"	
123781	D507-12	12-3/8"	1-1/2"	

Ratcheting Box Wrenches

Fully Reversible Ratcheting Refrigeration Wrench



- *Fully reversible ratchet wrenches designed for refrigeration packing gland nuts and valve stem sockets*
- *Also designed for beam clamp installation*
- *Wrenches are compact in size, with clearly marked sockets for four nut sizes*
- *Chrome finish*

Part #	Mfg #	Socket Sizes	Price
113965	68310	3/16" & 5/16" Square x 1/4" & 3/8" Square	

Ratcheting Box Wrench Sets

3-Piece Fully Reversible Ratcheting Offset Box Wrench Set

- *Includes:*
  - *68234 1/4" x 5/16"*
  - *68236 3/8" x 7/16"*
  - *68238 1/2" x 9/16"*



Part #	Mfg #	Socket Sizes	Price
106827	68244	3-Piece Set	

L-Style Hex Keys Sets

- *Long side for accessing hard-to-reach places*
- *Short side for higher torque situations and low clearances*

12-Piece L-Style Hex Ball-End Caddy Set - Inch

- *Includes:*
  - *BL2 .050"*
  - *BL4 1/16"*
  - *BL5 5/64"*
  - *BL6 3/32"*
  - *BL7 7/64"*
  - *BL8 1/8"*
  - *BL9 9/64"*
  - *BL10 5/23"*
  - *BL12 3/16"*
  - *BL14 7/32"*
  - *BL16 1/4"*
  - *BL20 5/16"*



Part #	Mfg #	Description	Price
112667	BLK12	12-Piece Set - Inch	

Folding Hex Key Sets

9-Key Hex Set

- *Sizes:*
  - *5/64"*
  - *3/32"*
  - *7/64"*
  - *1/8"*
  - *9/64"*
  - *5/32"*
  - *3/16"*
  - *7/32"*
  - *1/4"*



Part #	Mfg #	Description	Price
106826	70591	4-1/4" Length	

Ratchet Wrenches

Ratchet Wrench



- *For installing or servicing heating, air conditioning or refrigeration units*

Part #	Mfg #	Square	Hex	Price
006478	RRW3	3/16", 1/4", 5/16", 3/8"	-	

Wrenches

Hex Key Wrench Insert



Part #	Mfg #	Square	Hex	Price
006479	RRW3/16	1/4"	3/16"	

Hex Keys

Folding Hex Key Set

- *Professional quality*
- *Produced from tough alloy steel*



Part #	Mfg #	Description	Price
006503	W29	(9) Keys, Deluxe Pocket	

MILL-ROSE

Razorback™ Wrench

- *Remove shower and sink drains from top or bottom with just one hand*
- *T-Handle rotates 180°*



Part #	Mfg #	Description	Price
093510	73055	Razorback™ Wrench	

MOEN

Faucet Wrenches

Cartridge Tool



Part #	Mfg #	Description	Price
046820	104421	Cartridge Puller, Comp 1200/1225/1222	

PASCO

Tools

Smart Dumbell®

- *Installs or removes drains without cross-bars (Kohler, American Standard)*
- *Heavy duty die-cast aluminum*
- *Prevents scratching of decorative finishes*
- *Use crescent wrench or large Phillips screwdriver to turn the tool*



Part #	Mfg #	Length	Price
008104	4554	6"	

Basin Wrenches

Eureka Cleanout Plug Wrench

- *Fits slotted or square countersunk cleanout plugs*
- *Strong, malleable iron*



Part #	Mfg #	Description	Price
083108	4567	Cleanout Plug Wrench	

RECTORSEAL

Golden Tool™ Tools

Golden Grip® Internal Pipe Wrench

- *Installs or extracts pipe nipples from the inside*



Part #	Mfg #	Description	Price
080112	97250	Single 1/2"	

Wrenches

Golden Extractor™ Tub Drain Tool

- *Standard 3/8" drive ratchet to extract or install tub drains*



Part #	Mfg #	Description	Price
083657	97258	Universal Size	

SEEKONK Precision Tools

Faucet Nut Splitter

- *Splits old or new zinc or brass nuts in seconds*
- *Fits over all 1/2" faucet shanks*
- *Aluminum with a chisel tip of hardened tool steel*



Part #	Mfg #	Description	Price
120323	NS-1	Faucet Nut Splitter	

Plumber's T-Handle Torque Tools

- *Unique locking collar*
- *Slips internally when proper torque achieved*



Part #	Mfg #	Socket	Type	in-lbs	Price
022114	2-SH	5/16"	Std No-Hub	60	

PlumBest Jones Stephens Corp.

Plumbing Specialty Tools

4-Way Key

- *For valves, faucets and sillcocks*
- *Plated steel*



Part #	Mfg #	Sizes	Price
041932	J40-005	1/4", 9/32", 5/16" & 11/32"	

Extract-A-Drain Tub Drain Removal Tool

- *Removes old or rusty drains*
- *Prevents damage to your tub's finish*



Part #	Mfg #	Description	Price
057806	J40-018	Fits Both 1-1/4" & 1-1/2" Tub Drains	

Compression Sleeve Puller

- *Removes leaking compression sleeves without damaging walls*
- *For 5/8" compression units*



Part #	Mfg #	Description	Price
054587	J40-021	Comp Sleeve Puller, Carded	

Faucet Handle Puller

- *Removes faucet and valve handles*
- *Plated steel*



Part #	Mfg #	Description	Price
054584	J40-010	Standard Unit	

Wrenches

Element Wrench

- *For removing heater elements*
- *Zinc-plated steel*
- *Individually bagged*



Part #	Mfg #	Description	Price
041934	J36-101	Heavy-Duty	

No-Hub Torque Wrench

- *Automatically releases at 60 in/lb*
- *Ratchets one way*
- *Built-in reversing lever*
- *Chrome vanadium socket*



Part #	Mfg #	Description	Price
041933	T60-060	Domestic	

Basin Wrench

- *1-1/4" Jaw capacity*



Part #	Mfg #	Description	Price
041935	B11-010	10" - 17" Telescoping	

Wrenches

Radiator Spud Wrench



- *For use as spud key and wrench*

Part #	Mfg #	Description	Price
041936	J40-030	Plated Malleable Iron Wrench	

4-Way Plug Wrench



Part #	Mfg #	Description	Price
021060	J40-040	Countersunk Plug Wrench	

4-Way P.O. Plug Wrench

- *For installing or removing basket strainers, tub drains and P.O. plugs*



Part #	Mfg #	Description	Price
041937	J40-026	Wrench	

Moen® Stem & Cartridge Wrench

- *Removes Moen® stems and cartridges*
- *Works on plastic/brass faucet/shower valves*



Part #	Mfg #	Description	Price
054583	J45-015	Stem & Cartridge Wrench (Carded)	

Spanner/Strainer Wrench

- *Used for basket strainer jam nuts*



Part #	Mfg #	Description	Price
041941	J40-024	Plated Malleable Iron Wrench	

Do All Plumber's Wrench

- *Longer, more comfortable handle*
- *Fits most standard size basket strainers including Opella, Duo, Twist Lock and PB Duo and any strainer which uses a standard 3-3/8" locknut*
- *Fits most shower stall drains*

Part #	Mfg #	Description	Price
054595	J40-019	Do All Plumber's Wrench (Carded)	

Universal Drain Wrench

- *Die cast aluminum*
- *Installs and removes tub drains and closet spuds*
- *Use crescent wrench or screwdriver to turn tool*



Part #	Mfg #	Description	Price
050424	J45010	6" Long	

Sensible Products

Fan Blade &p Blower Wheel Pullers

- *Removes fan blades/blower wheels that are frozen to a motor shaft*
- *Can be used to apply pushing or pulling force*
- *Includes (4) pulling hooks and (3) set screws*
- *Accommodates 5/8" belt drive and 1/2" or less direct drive motor shafts*



Part #	Mfg #	Description	Price
136604	UP-1	"The Ultimate Puller"	

Trouble Lights/Extension Cords

Light Bulbs

Rough Service Light Bulb



- *Multi-support filament*
- *Lasts twice as long as a standard bulb*
- *Frosted to reduce glare*

Part #	Mfg #	Description	Price
002314	8502	100 Watt Frosted	

RUUD

Work Lights

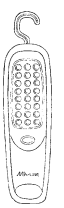
Fluorescent Trouble/Work Light

Part #	Mfg #	Description	Price
140727	D12812025	6' Orange Trouble Light with Grounded Outlet	

Monti & Associates

Worklights

Magnetic Worklight



- *With hook and magnets*

Part #	Mfg #	Description	Price
120538	MA-FL24LEDA	24 LEDs	

HVAC Testing Tools

Motor Testers

TECMate Pro ECM Motor Tester

- *Analyze ECM motors independent of the HVAC system*
- *Operates in the basic HVAC settings of fan-only, heating, cooling and de-humidification*
- *Designed to detect and isolate motor failures from other HVAC system failures*



Part #	Mfg #	Description	Price
153548	PD510009	TECMate Pro Motor Tester	

Test Connector

Part #	Mfg #	Description	Price
031520	45-24318-01	Test Connector	

Circuit Protection Products

ZBreaker Circuit Breaker Set

Zebra Instruments



Part #	Mfg #	Description	Price
141508	ZK005	5 Amp	

Short-Pro Tool™

- *Finds 24 volt system shorts*
- *Automatically resets the breaker*
- *(2) 18" Leads*

Zebra Instruments



Part #	Mfg #	Description	Price
140758	ZSPRT	Short-Finder	

Safety Power Adapters

Zebra'Dapter Fused Power Tap Cord

- *Lighted to show voltage level of plug*
- *Safe way to obtain 120V power to vacuum pumps, charging scales, drop lights, etc.*

Zebra Instruments



Part #	Mfg #	Description	Price
140729	ZD002	2' Lighted Female Cordset Blue	
140728	ZD001	2' Lighted Male Cordset Yellow	

HVAC Testing Tools

Smoke Detector & Accessories

SL-2000 Duct Smoke Detector

- *Low-flow technology: both ionization and photoelectric models listed for velocities between 100- 4,000ft/min*
- *Operating voltages: 230VAC, 115VAC, 24VAC, 24VDC*
- *Interconnect up to 30 units for common functions*
- *Patent pending "test port valve" allows for aerosol smoke testing without cover removal*
- *Instantaneous cover removal trouble indication*
- *Staggered terminal blocks for easier wiring*
- *True front loading sampling tubes*
- *Flashing LED on detector head indicates normal operation*
- *Magnet test capability (magnet included)*
- *More wiring space than competitive models*
- *Footprint allows retro-fit in many applications without additional drilling*
- *Over 15 remote accessories available*
- *Compatible with the WP-2000 weatherproof enclosure*
- *Donut gaskets on back of enclosure are pre-installed*
- *Reset switch is also an alarm test switch - competitive models require a magnet or cover removal*



AIR PRODUCTS AND CONTROLS — You in Control

c UL us

MEA approved

Part #	Mfg #	Description	Price
118470	SL-2000-N	4-Wire Ionization	

Sampling Tube for SL-2000 & RT-3000 Series



AIR PRODUCTS AND CONTROLS — You in Control

Part #	Mfg #	Description	Price
118471	STN-2.5	12" to 3.0'	

Meters

Thermo-Psychrometer

- *Large storage area for probes*
- *TM350 Includes:*
  - *(1) TMX2A 15' Air probe*
  - *(1) TMX2G 15' General purpose*
  - *(1) TMX2S 15' Surface probe*

cps



Part #	Mfg #	Description	Price
143080	87-TM350	Four Remote Stations	

HVAC Testing Tools

Probe for TM350 Thermo-Psychrometer

cps



TMX2S

Part #	Mfg #	Description	Price
143081	87-TMX2C	Clamp-On	
143082	87-TMX2P	Puncture	
143083	87-TMX2S	Surface	

Hardware

Alligator Clip

Part #	Mfg #	Description	Price
140494	455055	1" Black, 6/Pk	
140495	455056	1" Red, 6/Pk	
140496	455057	Alligator Clips with 18 AWG - 36" Test Leads	

Test Lead

Part #	Mfg #	Description	Price
140609	455150	10 AWG, 36" with 10A Clip	

Safety Glasses

Dakura Safety Glasses



Part #	Mfg #	Description	Price
160443	TSM21-G15-7	Safety Glasses Polarized Silver	
160444	TSM216	Safety Glasses Black Smoke Polarized	

Kazbek Safety Glasses



Part #	Mfg #	Description	Price
160442	TSKXL-111	Safety Glasses Black Clear	
160441	TSKAP218	Safety Glasses Polarized Blue	

HVAC Testing Tools

Zorge Saftey Glasses



Part #	Mfg #	Description	Price
160436	DZ111	Saftey Glasses Clear	
160437	DZ111-2.0	Saftey Glasses Magnifer Clear	
160438	DZ112	Saftey Glasses Yellow	
160439	DZ116	Saftey Glasses Smoke	

HVAC Testing Tools

Voltage Detectors

Voltage Detector with LED

- *Can detect between 50 and 1,000VAC*
- *Safety rating: CAT IV 1,000V*
- *Green power on indicator light*
- *Pocket clip*
- *Requires (2) AA batteries (included)*



Part #	Mfg #	Description	Price
137565	2202-20	Voltage Detector w/LED	

Dual Range Voltage Detector

- *Different colors identify voltage range*
- *Built-in LED work light*
- *Auto-off*
- *Pocket clip*
- *Blade-tip for checking outlets*
- *Constant power ON LED indicator*



Part #	Mfg #	Description	Price
168492	2203-20	Dual Range Voltage Detector	

Test & Measurement Tools

Fork Meter for HVAC/R

- *Heavy-duty True-RMS electrical tester for professional residential, commercial and industrial applications*
- *High contrast white-on-black display*
- *Five tools in one:*
  - *Current measurement*
  - *Temperature measurement*
  - *Voltage measurement*
  - *Voltage detection*
  - *Task lighting - LED worklight*
- *Includes:*
  - *Fork clamp*
  - *Test leads*
  - *Dual banana thermocouple*
  - *(2) AA Batteries*
  - *Manual*
- *5-Year warranty*



Part #	Mfg #	Description	Price
137566	2206-20	Fork Meter Kit for HVAC/R	

Digital Multimeter

- *Wide voltage range to 600VAC/DC*
- *Auto range to millivolts*
- *True-RMS for accurate measurement in all applications*
- *Lo-Z measurement to eliminate ghost voltage*
- *Frequency measurements from 10Hz to 50kHz*
- *Contact temperature measurement: -40° to 752°F*
- *Current measurement to 10AAC/DC*
- *High contrast white on black display with backlight*
- *Rugged over-molding increases durability and user grip*
- *5-Year warranty*
- *Includes:*
  - *Multimeter*
  - *Test leads*
  - *Dual banana thermocouple*
  - *(2) AA Batteries*
  - *Manual*



Part #	Mfg #	Description	Price
136067	2217-20	Digital Multimeter Kit	

Clamp Meter for HVAC/R

- *Electrical current tester for professional residential, commercial and industrial applications*
- *1.3" Jaw opening to easily handle large conductors*
- *White-on-black display*
- *LED Work light*
- *Includes:*
  - *Clamp*
  - *Test leads*
  - *Dual banana thermocouple*
  - *(2) AA Batteries*
  - *Manual*
- *5-Year warranty*



Part #	Mfg #	Description	Price
137567	2236-20	Clamp Meter for HVAC/R	

HVAC Testing Tools

Meters & Testers

Vane Anemometer

- *Air humidity meter with temperature measurement*
- *Integrated measurement with 1.5 in. vane*
- *Timed mean value calculation*
- *Hold function and max./min. values*
- *Windchill calculation for outside areas (perceived temperature)*
- *Back lit display*
- *Air humidity measurement with long-term stable Testo humidity sensor*
- *Incl. dewpoint calculation and wet bulb*
- *Includes:*
  - *Integrated humidity measurement and NTC air thermometer*
  - *Protective cap for safe storage*
  - *Wrist strap and belt clip*
  - *(2) Type AAA batteries, 60 hour life*
  - *Calibration certificate*



Part #	Mfg #	Description	Price
143078	875043	Vane Anemometer with Integrated Humidity & NTC Air Thermometer	

Carbon Monoxide Stick Meter

- *Detects presence of carbon monoxide in ambient air from gas furnaces, water heaters, and other appliances or equipment*
- *Visual and audio warnings, adjustable alarm threshold*
- *No zero phase, instrument can be used immediately*
- *CO Zeroing on-site*
- *Self test function*



Part #	Mfg #	Description	Price
143084	875036	Includes Leather Holster w/Belt Strap, Earphone, Wrist Strap	

Humidity and Temperature Meter

- *Long-term, stable Testo humidity sensor*
- *+/-2.5 %RH Accuracy*
- *Hold function and max/min values*
- *Includes:*
  - *Protective cap for safe storage*
  - *Batteries*
  - *Calibration certificate*



Part #	Mfg #	Description	Price
143079	875042	Dewpoint & Wet Bulb Meter	

Electrical

Part #	Mfg #	Description	Price
141560	86-22510	Test Leads	

Digital Multimeters

DM384 Multimeter

- *750 Volts AC & 1000 volts DC*
- *10 Amps AC & DC*
- *Resistance to 40 Megohms*
- *Diode check function*
- *Continuity*
- *Frequency to 40 Megahertz*
- *Capacitance to 40,000 microfarad*
- *Resistance to 40 Megohms*
- *Autoranging*
- *Analog bar graph*
- *CE Listed CAT III*
- *Includes:*
  - *Test leads*
  - *Rubber boot*
  - *9V Battery*
  - *Fuses*
- *5-Year limited warranty*



Part #	Mfg #	Description	Price
052020	DM384	Full-Sized Multimeter	

HVAC Testing Tools

Clamp-On Digital Multimeters

DL389 G2 Phoenix Pro+ Clamp-On Multimeter



- *Dual display and low battery display lock*
- *Test lead storage and holder on clamp head*
- *Auto off*
- *Input jack lock*
- *Detachable clamp head*
- *Worklight*
- *Magnetic mount*
- *User temperature calibration*
- *EasyView high contrast backlight display*
- *Compatible with common industry accessories heads*
- *Safety compliance CAT III 600V, CAT II 1000V*
- *Includes:*
  - *Test leads*
  - *K-Type probe (no adapter required)*
  - *Zippered case*
  - *(2) AAA Batteries*
- *3-Year limited warranty*

Part #	Mfg #	Description	Price
128764	DL389	12 Functions Including TRUE-RMS (AC Volts & Amps)	

Thermometers

550B Digital Pocket Thermometer



- *Water resistant*
- *Records minimum & maximum temperatures*
- *Protective boot*
- *Magnetic mount*
- *HOLD freezes the current temp reading*
- *Auto power off*
- *Ergonomic designed head*
- *3-Year limited warranty*

Part #	Mfg #	Description	Price
069651	550B	-58° to 572°F Range	

PDT550 Digital Pen Type Thermometer



- *Waterproof*
- *Built-in magnetic mount*
- *Records minimum & maximum temperatures*
- *Data hold*
- *Auto power off*
- *Easy access battery compartment*
- *Enhanced accuracy of digital circuitry*
- *Includes battery & multipurpose probe*
- *3-Year limited warranty*

Part #	Mfg #	Description	Price
082376	PDT550	-58° to 572°F Range	

CO Detectors

CO71 "The CO Detective" Carbon Monoxide Monitor



- *Tri-color LED indicates concentrations at 3 levels complying with residential and work place standards*
- *Audible alert triggers at 35 ppm indicating the threshold of dangerous concentration*
- *Backlight display*
- *Operating temperature: 32° to 104°F*
- *MAX Continually updates to provide recall of highest CO reading*
- *Auto zero activates upon turn on*
- *9V Battery operated*
- *3-Year limited warranty*

Part #	Mfg #	Description	Price
051760	CO71	Displays 0 to 999 ppm CO Level in Ambient Air	

HVAC Testing Tools

Leak Detectors

CD100A Combustible Gas Leak Detector

- *Long 18" gooseneck for hard to reach areas*
- *Tip light in sensor cap illuminates search area*
- *Probe cage protects sensor*
- *Audio and visual tic rate fully adjustable*
- *Headphone jack*
- *Includes:*
  - *Sensor and cap*
  - *9V Battery*
- *1-Year limited warranty*



Part #	Mfg #	Description	Price
038331	CD100A	50 ppm Minimum Detection	

Manometers

EM151 Digital Electronic Manometer

- *Single input measurement to ±20" wg*
- *Integral protective boot w/magnet*
- *Simple two-button operation*
- *Measures in inches water gauge and Mbar*
- *Automatic after 5 minutes of inactivity and manual power-off*
- *Includes:*
  - *(1) Pressure tubes with brass fitting connector*
  - *(1) Std 9V battery*
  - *Manual*
- *1-Year limited warranty*



Part #	Mfg #	Description	Price
126553	EM151	Single Input Electronic Manometer	

SSM1 Super Heat/Sub Cool Meter

- *Measures:*
  - *Pressure from 0 - 500 psia*
  - *Temperature from -40° to 400°F*
- *Calculates:*
  - *Superheat for low side*
  - *Subcool for high side (TXV systems)*
- *Refrigerants included for calculations: R-22, R-134a, R-404A, and R-410A*
- *1-Year limited warranty*



Part #	Mfg #	Description	Price
133479	SSM1	Super Heat/Sub Cool Meter	

Electrical Testers

PET1 Pocket Electrical Tester

The PET1 features:

- *Worklight*
- *Non-contact AC voltage test from 12-600VAC (with adjustable sensitivity)*
- *Detects high and low AC voltage*
- *Continuity check: 0-80 megohms*
- *Audible/visual indicators*
- *3-Year limited warranty*



Part #	Mfg #	Description	Price
083035	PET1	Volt Tester w/Light	

Meters

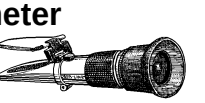
Economy Auto-Ranging Clamp-On Meter

- *Reads volts, amps and ohms*
- *Data hold and continuity buzzer*
- *CAT II*
- *Includes carrying case*



Part #	Mfg #	Description	Price
111388	MA-600CF	Temp Range: -38° to 1,750°F	

Oil & Glycol Refractometer



Part #	Mfg #	Description	Price
111392	MA-REF401F	Glycol Fahrenheit Refractor	

HVAC Testing Tools

Electrical Testers

Non-Contact Voltage Tester

- *High intensity, bright green LED indicator when on*
- *High intensity, bright red LED indicator when voltage is detected*
- *Package contains insert card with integrated owner's manual and (2) AAA 1.5V batteries*



Part #	Mfg #	Description	Price
125141	NCVT-1	50 - 1000VAC	

Dual Range Non-Contact Voltage Tester

- *Automatically detects and indicates:*
  - *Low voltage (12-48VAC)*
  - *Standard voltage (48-1000VAC)*
- *High intensity, bright green LED indicates the tester is operational and aids in illuminating the workspace*
- *Digitally controlled ON/OFF power button*
- *Auto power-off feature conserves and extends battery life*
- *Microprocessor controlled low-battery indicator*
- *CAT IV 1000V Rating*
- *Lightweight, durable polycarbonate plastic resin construction; convenient pocket clip*



Part #	Mfg #	Description	Price
137459	NCVT-2	50 - 500Hz	

Clamp Meters

CL200 Professional Series Clamp Meter

- *Worklights illuminate dark work spaces*
- *Backlit display*
- *Data hold captures measurements in any situation*
- *Diode and continuity tests*
- *Includes test leads, batteries, case and thermocouple*
- *Measures temperature, frequency and capacitance*
- *8.2"H x 3"W x 1.4"D*



Part #	Mfg #	Description	Price
140679	CL200	1" Jaw, 600A AC w/Thermocouple	

Meters

TurboMeter™

Part #	Mfg #	Description	Price
106684	439103	Air Velocity Meter	

Differential Pressure Meter

- *Includes protective cap, batteries and calibration certificate*
- *Display in Pascal optional over entire measurement range*
- *Temperature compensation*
- *Magnetic back permits free-hand work*
- *Accuracy: ±0.01 "H20 (0 to 0.12 "H20) / ±0.02 "H20 (0.13 to 0.4 "H20)*
- *Flow velocity measurement with Pilot tube (Pilot tube not included in delivery)*
- *Air density compensation*
- *Includes:*
  - *Protective cap for safe storage*
  - *(2) Type AAA Batteries, 50 hour life*
  - *Including wrist strap and belt clip*



Part #	Mfg #	Description	Price
142784	875044	Digital Differential Pressure Meter	

Refrigeration Tools

Refrigerant Piping and Components

Rotary Vane Deep Vacuum Pump



- *Internal check valve stops oil blowout in case of accidental power loss*
- *Gas ballast valve helps prevent oil contamination caused by high moisture*
- *Manifold valve isolates pump from system when testing for leaks*
- *Center oil fill port is accessible from front & sides*
- *Durable light weight die cast aluminum housing*
- *Delrin vanes for quieter, longer-lasting performance*
- *2-Stage for lower pumping pressure*
- *Oil drain valve at bottom of oil reservoir*
- *25 Microns ultimate vacuum*
- *Electrical Specs: 110V/60Hz*

Mastercool® "World Class Quality"

Part #	Mfg #	Free Air Displace	Motor	Nom Pump Speed	Price
150637	90066	5 CFM	1/3 hp	1,750 rpm	

ACCU-Charge II Electronic Refrigerant Scale



- *Functions:*
  - *Charge programming*
  - *Pause/charge*
  - *Tank capacity programming (empty/full)*
  - *Repeat*
- *Capacity: 240 lbs*
- *Auto off: 3 hours*
- *Operating temperature: 32° to 120°F*
- *Battery life approximately 40 hours*

Mastercool® "World Class Quality"

Part #	Mfg #	Description	Price
140934	98210-A	9" x 9" Platform	

Pro-Set® Cyclone Refrigerant Recovery Machine



- *Fastest overall ARI certified recovery rates in its class in all temperature environments*
- *Automatic low pressure shut-off feature turns unit off when recovery is completed*
- *Rugged high density double walled plastic housing with easy view top mounted controls*
- *R-410A Ready with 550 psi high pressure shut-off switch*
- *Ergonomic well balanced design for easy transport including shoulder strap, weighs 36 lbs*
- *Built-in suction filter located under suction port*

Part #	Mfg #	Description	Price
112428	87-CR700	1 hp Oil-Less Cyclone	

Refrigeration Tools

Electronic Digital Vacuum Gauge



- *Large 5 digit LCD display*
- *Measurement units are selectable for microns, in/hg, mBar, Torr. Advanced field*
- *Cleanable sensor can withstand 400 psi positive pressure*
- *Operates 30 hours on standard 9V alkaline battery*

Part #	Mfg #	Description	Price
113610	87-VG200	Digital Gauge, Carry Hook & Case	

Brass Access Tee - Sweat

- *One valve core included for each tee*
- *All male flare fittings are internally threaded to accept installation of valve core*
- *Includes brass cap for use with core wrench*

Part #	Mfg #	Fitting 1	Fitting 2	Branch Fitting	Body	Price
092124	83-CC8414-2Pk	1/4" Sweat ODF	1/4" Sweat ODF	1/4" SAE Flare	Copper	
080959	83-CC8438-2Pk	3/8" Sweat ODF	3/8" Sweat ODF	1/4" SAE Flare	Copper	
080956	83-CC8412-2Pk	1/2" Sweat ODF	1/2" Sweat ODF	1/4" SAE Flare	Copper	

Brass Access Tee - Threaded

- *One valve core included for each tee*
- *All male flare fittings are internally threaded to accept installation of valve core*

Part #	Mfg #	Fitting 1	Fitting 2	Branch Fitting	Body	Price
103852	83-CD9601-2PK	1/4" SAE Flare (F)	1/4" SAE Flare (M)	1/4" SAE Flare (M)	Copper	

Valves

Pro-Set® Ball Valve

- *Add existing hose to eliminate refrigerant loss to comply with EPA regulations*
- *1/4-Turn operation, color-coded handles*

Part #	Mfg #	Description	Price
119736	87-BV3-3PK	1/4" Female, 1/4" Male, SAE, 3/Pk	

Microseal™ Anti-Blowback Valve



- *Automated sealing eliminates refrigerant loss and blowback*
- *Non-restrictive porting for maximum refrigerant flow*

Part #	Mfg #	Description	Price
098447	87-AB3-3PK	1/4" Female, 1/4" Male, SAE, 3/Pk	

Valve Core

Part #	Mfg #	Description	Price
104513	83-CD4450-6PK	Valve Core, 6/Pk	
140745	83-CD4460-6PK	Valve Core, 6/Pk	

Refrigeration Tools

Refrigerant Wrenches

6-in-1 Metric Torque Wrench

- *Ideal for installing mini-split systems*
- *Includes (6) interchangeable heads: 12, 22, 24, 26, 27 & 29mm jaw sizes*



Part #	Mfg #	Description	Price
150265	TLTWSM	Metric 6-in-1 Metric Torque Wrench	

Chemicals

Acid Test Kit

- *Use to determine the acid level in mineral and alkybenzene lubricants typically used with HCFC refrigerants such as R-22 and R-401A (not for use with POE oil)*
- *One test per kit*
- *Easy to use, no complicated charts, results in seconds*
- *Simply add oil, shake, and observe color change (turns yellow if acidic)*

Part #	Mfg #	Description	Price
031600	85-25140-01	Ref Oil Acid Test Kit	

Refrigeration Oil Test Kits

Phase III® Refrigeration Oil Test Kit

- *For use on POE's, minerals oils, and alkylbenzene*
- *Tests acid level in refrigeration oil*



Part #	Mfg #	Description	Price
140753	4320-W8	Phase III Oil Test Kit	

ROBINAIR

Charging Hoses

- *Strong 6-sided crimp*
- *Coupler nuts are deeply knurled*
- *Fittings are 1/4" FFL x 1/4" FFL*

1/4" Enviro-Guard™ Hose with Ball Valve

- *In-line ball valves control refrigerant flow, open and close in 1/4-turn*



Part #	Mfg #	Description	Price
028021	65060	(3) 60" Envir-Guard Hose Set	

Flexible Adapter

- *Brass fittings*
- *Durable 6" long neoprene coated hose*



Part #	Mfg #	Description	Price
064120	40083	1/4" Hose Gaskets	

RUUD

Refrigerant Parts

Gasket

Part #	Mfg #	Description	Price
144859	87-HXG	Hose Gasket, 10/Pack, Fits 1/4"SAE, 1/2" Acme or 1/2" 20 UNF	

Hose - Refrigerant

Part #	Mfg #	Description	Price
140755	40360	5' Blue, Red, Yellow Refrigerant Hose Set	
140756	41601	5' Blue Refrigerant Hose	
140757	41602	5' Yellow Refrigerant Hose	
126840	41603	5' Red Refrigerant Hose	
096037	45360	5' Blue, Red, & Yellow Refrigerant Hose Set with Anti-Blowback Fittings	
148224	87-HP5BA	5' Blue Refrigerant Hose with Anti-Blowback Fittings	
148223	87-HP5RA	5' Red Refrigerant Hose with Anti-Blowback Fittings	
148222	87-HP5YA	5' Yellow Refrigerant Hose with Anti-Blowback Fittings	
148221	87-HS3A	3' Refrigerant Hose Set with Anti-Blowback Fittings	

Manifold

Part #	Mfg #	Description	Price
132142	57161	Aluminum 2-Way Manifold Gauge Set with 5' Hoses	
105054	87-MBHP5	Manifold with Hose(R-410A-R22)	

Vacuum Pump Oil

Part #	Mfg #	Description	Price
148101	85-2600	1 qt	
092114	85-2601	1 gal	

Tools, Gauges & Solder

Injector

Part #	Mfg #	Description	Price
097336	87-INJ001	System Injector	

Valve Core Tool

Part #	Mfg #	Description	Price
104588	91490	Protech Universal Valve Core Tool	
140984	91496	Valve Core Remover	
140743	83-CD3813-1PK	Valve Core Container/Wrench	
104515	83-CD3800-1PK	Valve Core Wrench	

Miscellaneous Tools

Tubing Tools

456 Tri-Bender

- *Ideal for plumbing and HVAC applications*
- *90° Start angle minimizes effort required to form a bend*
- *Handy reference marks indicate the angle for quick bends through 90°*



Part #	Mfg #	Model	Capacity	Price
008738	44852	456	1/4", 5/16", 3/8"	

Spring-Type Tube Bender

- *Fast, free-form bending of soft copper and aluminum tube*



Part #	Mfg #	Model	Length	Tube OD	Price
008563	35255	D-1377	10"	3/8"	

Pipe Vises and Supports

Portable Tristand® Vise

- *Foldable integral legs and tray*



Part #	Mfg #	Model	Description	Pipe Capacity	Price
036517	72037	460 *	Portable Tristand Chain Vise	1/8" - 6"	

*** Jaw for plastic pipe, catalog #41280 available; order separately**

Threader Oil

Oiler Parts

Part #	Mfg #	Description	For Model	Price
124389	73072	Hose with Fittings	418	

Miscellaneous Tools

Maxstraps

The Original 1" Polypropylene Cam Tiedown

- *Ideal for lumber, pipe, ladders, and outdoor gear*
- *Weather and sunlight resistant*
- *750 lb Test*
- *Rustproof cam buckle*
- *Easy thumb release*



Part #	Mfg #	Description	Price
053091	00216	2' Black	
053093	00411	4' Red	
053094	00612	6' Yellow	
053095	00813	8' Green	
053096	01014	10' Blue	

DIVERSITECH

Utility Strap

Rubber Tie Down Strap

- *Stretches to double it length*
- *Extra heavy steel S-hooks on each end*



Part #	Mfg #	Description	Price
002270	RS-31	31" Rubber Strap	

Fin Tools

Fin Whisk

- *Plastic handled whisk for for cleaning condenser and evaporator fins*



Part #	Mfg #	Description	Price
141528	B-26	Fin Whisk Brush	

PROTECH

Refrigerant Tools

Fin Tool Kit



Part #	Mfg #	Description	Price
130934	875001	Fin Tool Kit - 8, 9, 10, 11, 12, 14 Fin Heads	

DIVERSITECH

Telescoping Tools

Reach-It

- *Retracts to 5" long, extends to 26-3/4"*
- *Chrome-plated brass*



Part #	Mfg #	Description	Price
002268	R-1	Reach-it Tool	

Telescopic Inspection Mirror

- *American made*
- *Double ball joint links swivel mirrors for viewing to 360°*



Part #	Mfg #	Description	Price
002322	M-5	1" x 2" Oval Extends 8-1/2"	

Miscellaneous Tools

Tools

Pro-Set® Inspection Mirror

cps

Part #	Mfg #	Description	Price
098914	87-TLMIR3	3.5" x 2.12" Rectangular Telescoping Mirror	

HARVEY SINCE 1944

Caulking Guns

Deluxe Caulking Gun

- *Zinc-plated with tip-cutter and seal punch*



Part #	Mfg #	Description	Price
028237	040025	Deluxe	

MILL-ROSE

Flue and Boiler Tube Brushes

Fine-Wire Single Spiral Brush

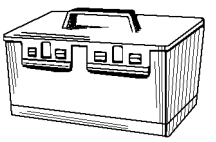
- *For small boilers, burners, nozzles and fans*
- *3" Brush lengths*

Part #	Mfg #	Description	Price
007444	01216	3/4" Dia, 24" OAL 4" Loop, Carbon Steel	

Tool Cases

Stackable Utility Case

- *Tough, durable, double-lock catch, 12" x 6" x 6"*
- *Lifetime guarantee*



Part #	Mfg #	Description	Price
007462	75600	Tote Box - Carton	

Lock 'N Load Heavy-Duty Drybox

- *Locks out moisture as well as dirt and grime*
- *(3) Compartments store and organize tools and accessories*
- *Easy access top compartment is ideal for small tools and parts*
- *Dimensions: 15" x 8" x 10"*

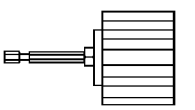


Part #	Mfg #	Description	Price
061933	75605	Lock 'N Load Drybox, Carton	

Tube Cleaning Brushes

#6200 Series Power Tube Cleaning Brush

- *Use for solder or brazed fittings*
- *Carded 1/4" hex-shank tube cleaning brushes*
- *Point-of-purchase display*



Part #	Mfg #	Description	Price
007454	62350	1/2" Bagged	
007455	62370	3/4" Bagged	

LA-CO Markal

Markers

Valve Action® Paint Marker

- *Low chloride/low halogens paint formula*



- *All surface marking with durable, fade resistant, high visibility marks*

Part #	Mfg #	Color	Price
057823	96801	Yellow Carded	
057825	96802	Red	
074113	96903	Black	

Miscellaneous Tools

Hand Cleaners

Hercules for Hands™ Anti-Bacterial Hand Cleaning Towel



- *Ready-to-use, pre-saturated towels remove plastic pipe cement, grease and grime, tar and ink from users' hands*
- *Contains aloe, lanolin, and vitamin E*
- *Towels will not shred and leaves no residue*

Part #	Mfg #	Description	Price
063184	45333	Dispenser Tub of (70) Towels	

PTFE Tape

Megatape Professional PTFE Tape



- *High density - 3.5 mils thick*
- *Extra large 1000" spool*

Part #	Mfg #	Size	Price
155540	15100	1/2" X 1000"	
155541	15110	3/4" X 1000"	
155542	15120	1" X 1000"	

RUUD

Chemicals

Insecticide

Part #	Mfg #	Description	Price
140752	85-200	Bee/Wasp Spray	

PASCO

Cases & Carriers

Nipple Box

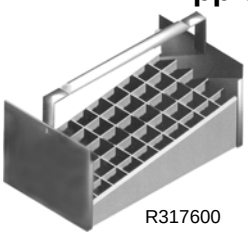


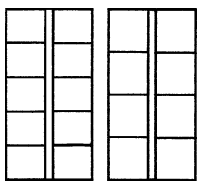
- *Holds 1/2" CL through 6" nipples*
- *Fold away handle*
- *Epoxy coated steel*

Part #	Mfg #	Size	Holds	Price
013210	3080	1/2"	77	

RICHARD SPECIALTY CO., INC.

Nipple Boxes


R317600


R318410

Part #	Mfg #	Description	Price
014776	R317600	E-51-R 3/4"	
094631	R318380	Ladder Mate	
080438	R318410	Galvanized Fitting Tray	

PlumBest Jones Stephens Corp.

Nipple Caddies

Steel Nipple Caddy Tray



- *Steel construction*
- *Push away handles*
- *Baked epoxy finish*
- *Nipple storage range (close - 6")*

Part #	Mfg #	Description	Capacity	Price
109306	N70-050	1/2" Nipple	77-Pc	
109307	N70-075	3/4" Nipple	66-Pc	
109308	N70-016	1" Nipple	50-Pc	

Internal Pipe Nipple Extractors

- *Heat treated and cad plated*



Part #	Mfg #	Size	Price
056472	J40-050	3/8"	
041956	J40-051	1/2"	
041957	J40-052	3/4"	

PlumBest Handi-Plug

- *Combination test plug and stub-out for drop eared elbow*
- *No thread seal required*
- *Re-usable - long lasting*
- *Time and labor savings*
- *Smooth at thread end for easy plastering*



Part #	Mfg #	Description	Price
073271	H54-050	1/2" MIP Handi-Plug	

Packing

Graphite Packing

- *Non-asbestos material in resealable spools*



Part #	Mfg #	Description	Price
045477	T60-005	1/8" Diameter x 12' Spool	

Utility Pry Bar

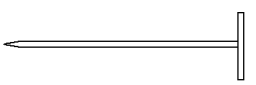


Part #	Mfg #	Description	Price
041929	S49-489	13" Utility Pry Bar	

Probing Rod

Steel Probing Rod

- *Welded steel construction*
- *Stainless steel replaceable tip*



Part #	Mfg #	Description	Price
043178	P27-004	4' Steel Probing Rod	

Caulk Guns

Drop-In Half-Barrel Type Caulk Gun

- *Drop-in half barrel type*
- *Painted steel*



Part #	Mfg #	Description	Price
021059	C35-090	9" Barrel Caulk Gun	

Caulking Tools

Inside Caulking Tool

- *For finishing lead joint*



Part #	Mfg #	Size	Price
053532	J41-009	5/8"W x 7"L	

Outside Caulking Tool

- *For finishing lead joint*



Part #	Mfg #	Size	Price
053533	J41-010	5/8"W x 7"L	

Caution Tape

- *Black print on safety yellow*
- *3 mil Thickness*



Part #	Mfg #	Size	Price
041971	J43-300	3" x 300'	

Shop Towels

Cotton Plumbers Handy Towel

- *Heavy-duty shop towels*
- *Washable, reusable and non-abrasive*



Part #	Mfg #	Description	Price
069432	B05-004	(12) Towels per Bag	

Miscellaneous Tools

Wypall® Teri® Towel

- *Strong and durable, wet or dry*
- *Reusable*
- *Equivalent to 18 lbs of rags*
- *Reinforced HYDROKNIT® provides extra scrubbing power*

Part #	Mfg #	Description	Price
107287	B05-003	(125) Sheets per Box	

Box of Rags



- *Colored cotton sweatshirt material*
- *100% Recycled*
- *Pull-out dispensing*

Part #	Mfg #	Description	Price
041975	B05-001	5 lb Box of Rags	

Marking Paints

RUST-OLEUM

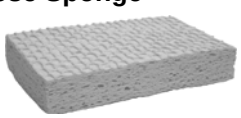


- *Inverted tip*
- *Water base formula*
- *Fast-drying and non-clogging*
- *Color-coded paint:*
  - *White for general purposes*
  - *Red for electric and fire protection systems*
  - *Blue for water and irrigation*
  - *Orange for telephone, telegraph and cable TV systems*

Part #	Mfg #	Color	Price
043622	J40-380	White	
041973	J40-381	Yellow	
041974	J40-382	Red	
043621	J40-383	Blue	
095800	J40-385	Orange	

Sponges

Commercial Grade Cellulose Sponge



- *Deeply textures*
- *Made in USA*

Part #	Mfg #	Description	Price
093645	S50-002	Large, 8" x 4-1/2" x 3/4"	

Bucket Caddies



T60-102

Part #	Mfg #	Description	Price
084476	T60-102	5 Gallon Bucket, (1) Large & (4) Small Trays	
126414	T60-105	Lid for 5 Gal Bucket	
129190	T60-106	5 Gallon Bucket	

KLEIN TOOLS

Tool Holders

Tape Measure Holder - Powerline™ Series

PowerLine™ Series



- *Holds most tape measures with belt clips*
- *Rust-resistant metal clip riveted for strength*
- *Tunnel belt connection up to 2-1/4" belt width*
- *1000 Denier DuPont Cordura® nylon*
- *Washable*

Part #	Mfg #	Overall Size	Price
110786	5707	4-1/8" x 3-3/4"	

Zipper Canvas Bag

- *Constructed of No. 8 canvas*



Part #	Mfg #	Description	Price
107648	5140	Set of 4, 7" x 12-1/2", Olive, Orange, Royal Blue, and Yellow	

Miscellaneous Tools

Tool Bags

Tool Organizer



- *Constructed of double-layered 600 x 300 denier polyester*
- *Water-resistant*
- *Interior pockets include:*
  - *(3) Tool sleeves*
  - *(1) Power tool/cord sleeve*
  - *(6) Universal pockets*
- *Exterior pockets include:*
  - *(9) Screwdriver/nut driver pockets*
  - *(11) Plier pockets*
  - *(11) Utility pockets*
  - *(2) Wire stripper pockets*
  - *(2) Velcro® closable pockets*
- *Heavy-duty webbing keeps pockets open for easy access to supplies and tools*
- *Tools are sold separately*

Part #	Mfg #	Description	Price
106843	5777	Tool Organizer 45 Pockets	

Milwaukee

Heated Gear

M12™ Cordless Red Heated Jacket Kit



- *(1) M12™ Cordless red heated jacket only (2390)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*

Part #	Mfg #	Description	Price
169063	2391-S	2391-S Red Heated Jacket Kit	
169064	2391-M	2391-M Red Heated Jacket Kit	
169065	2391-L	2391-L Red Heated Jacket Kit	
169066	2391-XL	2391-XL Red Heated Jacket Kit	
169067	2391-2X	2391-2X Red Heated Jacket Kit	
169068	2391-3X	2391-3X Red Heated Jacket Kit	

M12™ Cordless Black Heated Jacket Kit



- *(1) M12™ Cordless black heated jacket only (2394)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*

Part #	Mfg #	Description	Price
169075	2395-S	2395-S Black Heated Jacket Kit	
169076	2395-M	2395-M Black Heated Jacket Kit	
169077	2395-L	2395-L Black Heated Jacket Kit	
169078	2395-XL	2395-XL Black Heated Jacket Kit	
169081	2395-3X	2395-3X Black Heated Jacket Kit	

M12™ Cordless Realtree Xtra® Camo Heated Jacket Kit



- *(1) M12™ Cordless Realtree Xtra® Camo heated jacket Only (2392)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*

Part #	Mfg #	Description	Price
169088	2393-S	2393-S Camo Heated Jacket Kit	
169089	2393-M	2393-M Camo Heated Jacket Kit	
169090	2393-L	2393-L Camo Heated Jacket Kit	
169091	2393-XL	2393-XL Camo Heated Jacket Kit	
169092	2393-2X	2393-2X Camo Heated Jacket Kit	
169093	2393-3X	2393-3X Camo Heated Jacket Kit	

M12™ Cordless Realtree Xtra® Camo 3-in-1 Heated Jacket Kit



- *(1) M12™ Cordless Realtree Xtra® Camo 3-in-1 heated Jacket Only (2386)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*

Part #	Mfg #	Description	Price
169100	2387-S	2387-S Camo 3-IN-1 Jacket Kit	
169101	2387-M	2387-M Camo 3-IN-1 Jacket Kit	
169102	2387-L	2387-L Camo 3-IN-1 Jacket Kit	
169103	2387-XL	2387-XL Camo 3-IN-1 Jacket Kit	
169104	2387-2X	2387-2X Camo 3-IN-1 Jacket Kit	
169105	2387-3X	2387-3X Camo 3-IN-1 Jacket Kit	

M12™ Cordless High Visibility Heated Jacket Kit



- *(1) M12™ Cordless high visibility heated jacket only (2346)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*

Part #	Mfg #	Description	Price
151819	2347-M	2347-M Hi-Vis Heated Jacket Kit	
151820	2347-L	2347-L Hi-Vis Heated Jacket Kit	
151821	2347-XL	2347-XL Hi-Vis Heated Jacket Kit	
151822	2347-2X	2347-2X Hi-Vis Heated Jacket Kit	
151823	2347-3X	2347-3X Hi-Vis Heated Jacket Kit	
151824	2347-4X	2347-4X Hi-Vis Heated Jacket Kit	

M12™ Cordless Red Heated Jacket Only



- *(1) M12™ Cordless red heated jacket only (2390)*

Part #	Mfg #	Description	Price
169057	2390-S	2390-S Red Heated Jacket Only	
169058	2390-M	2390-M Red Heated Jacket Only	
169059	2390-L	2390-L Red Heated Jacket Only	
169060	2390-XL	2390-XL Red Heated Jacket Only	
169061	2390-2X	2390-2X Red Heated Jacket Only	
169062	2390-3X	2390-3X Red Heated Jacket Only	

M12™ Cordless Black Heated Jacket Only



- *(1) M12™ Cordless black heated jacket only (2394)*

Part #	Mfg #	Description	Price
169069	2394-S	2394-S Black Heated Jacket Only	
169070	2394-M	2394-M Black Heated Jacket Only	
169071	2394-L	2394-L Black Heated Jacket Only	
169072	2394-XL	2394-XL Black Heated Jacket Only	
169073	2394-2X	2394-2X Black Heated Jacket Only	
169074	2394-3X	2394-3X Black Heated Jacket Only	

Gear

M12™ Cordless Realtree Xtra® Camo Heated Jacket Only

- *(1) M12™ Cordless Realtree Xtra® Camo heated jacket only (2392)*



Part #	Mfg #	Description	Price
169082	2392-S	2392-S Camo Heated Jacket Only	
169083	2392-M	2392-M Camo Heated Jacket Only	
169084	2392-L	2392-L Camo Heated Jacket Only	
169085	2392-XL	2392-XL Camo Heated Jacket Only	
169086	2392-2X	2392-2X Camo Heated Jacket Only	
169087	2392-3X	2392-3X Camo Heated Jacket Only	

M12™ Cordless Realtree Xtra® Camo 3-in-1 Heated Jacket Only

- *(1) M12™ Cordless Realtree Xtra® Camo 3-in-1 heated jacket only (2386)*



Part #	Mfg #	Description	Price
169094	2386-S	2386-S Camo 3-in-1 Jacket Only	
169095	2386-M	2386-M Camo 3-in-1 Jacket Only	
169096	2386-L	2386-L Camo 3-in-1 Jacket Only	
169097	2386-XL	2386-XL Camo 3-in-1 Jacket Only	
169098	2386-2X	2386-2X Camo 3-in-1 Jacket Only	
169099	2386-3X	2386-3X Camo 3-in-1 Jacket Only	

M12™ Cordless High Visibility Heated Jacket Only

- *(1) M12™ Cordless high visibility heated jacket only (2346)*



Part #	Mfg #	Description	Price
151825	2346-M	2346-M Hi-Vis Heated Jacket Only	
151826	2346-L	2346-LHi-Vis Heated Jacket Only	
151827	2346-XL	2346-XL Hi-Vis Heated Jacket Only	
151828	2346-2X	2346-2X Hi-Vis Heated Jacket Only	
151829	2346-3X	2346-3X Hi-Vis Heated Jacket Only	
151830	2346-4X	2346-4X Hi-Vis Heated Jacket Only	

M12™ Cordless Black Heated Hoodie Kit

- *(1) M12™ Cordless black heated hoodie only (2380)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*



Part #	Mfg #	Description	Price
169014	2381-S	2381-S Black Heated Hoodie Kit	
169015	2381-M	2381-M Black Heated Hoodie Kit	
169016	2381-L	2381-L Black Heated Hoodie Kit	
169017	2381-XL	2381-XL Black Heated Hoodie Kit	
169018	2381-2X	2381-2X Black Heated Hoodie Kit	
169019	2381-3X	2381-3X Black Heated Hoodie Kit	

M12™ Cordless Realtree Xtra® Camo Heated Hoodie Kit



- *(1) M12™ Cordless Realtree Xtra® Camo Heated Hoodie Only (2382)*
- *(1) M12™ REDLITHIUM™ Battery (48-11-2401)*
- *(1) M12™ Lithium-ion Battery Charger (48-59-2401)*
- *(1) M12™ Battery Holder*

Part #	Mfg #	Description	Price
169027	2383-S	2383-S Camo Heated Hoodie Kit	
169029	2383-M	2383-M Camo Heated Hoodie Kit	
169030	2383-L	2383-L Camo Heated Hoodie Kit	
169032	2383-XL	2383-XL Camo Heated Hoodie Kit	
169033	2383-2X	2383-2X Camo Heated Hoodie Kit	
169034	2383-3X	2383-3X Camo Heated Hoodie Kit	

M12™ Heated Hoodie Kit- Realtree Max-1®



- *(1) M12™ Heated hoodie-Realtree Max-1® (2384)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*

Part #	Mfg #	Description	Price
169042	2385-S	2385-S Max-1® Heated Hoodie Kit	
169043	2385-M	2385-M Max-1® Heated Hoodie Kit	
169053	2385-L	2385-L Max-1® Heated Hoodie Kit	
169054	2385-XL	2385-XL Max-1® Heated Hoodie Kit	
169055	2385-2X	2385-2X Max-1® Heated Hoodie Kit	
169056	2385-3X	2385-3X Max-1® Heated Hoodie Kit	

M12™ Red Heated Hoodie Only



- *(1) M12™ Red heated hoodie only (2370)*
- *(1) M12™ Battery holder*

Part #	Mfg #	Description	Price
160148	2370-S	2370-S Red Heated Hoodie Only	
160149	2370-M	2370-M Red Heated Hoodie Only	
160150	2370-L	2370-L Red Heated Hoodie Only	
160151	2370-XL	2370-XL Red Heated Hoodie Only	
160152	2370-2X	2370-2X Red Heated Hoodie Only	
160153	2370-3X	2370-3X Red Heated Hoodie Only	

M12™ Black Heated Hoodie Only



- *(1) M12™ Heated hoodie- black (2380)*
- *(1) M12™ Battery holder*

Part #	Mfg #	Description	Price
169007	2380-S	2380-S Black Heated Hoodie Only	
169009	2380-M	2380-M Black Heated Hoodie Only	
169010	2380-L	2380-L Black Heated Hoodie Only	
169011	2380-XL	2380-XL Black Heated Hoodie Only	
169012	2380-2X	2380-2X Black Heated Hoodie Only	
169013	2380-3X	2380-3X Black Heated Hoodie Only	

Gear

M12™ Realtree Xtra® Heated Hoodie Only

- *(1) M12™ Heated Hoodie Realtree Xtra® (2382)*
- *(1) M12™ Battery Holder*



Part #	Mfg #	Description	Price
169021	2382-S	2382-S Camo Heated Hoodie Only	
169022	2382-M	2382-M Camo Heated Hoodie Only	
169023	2382-L	2382-L Camo Heated Hoodie Only	
169024	2382-XL	2382-XL Camo Heated Hoodie Only	
169026	2382-3X	2382-3X Camo Heated Hoodie Only	

M12™ Realtree Max-1® Heated Hoodie Only

- *(1) M12™ Heated hoodie- Realtree Max-1® (2384)*



Part #	Mfg #	Description	Price
169036	2384-S	2384-S Realtree Max-1® Heated Hoodie Only	
169037	2384-M	2384-M Realtree Max-1® Heated Hoodie Only	
169038	2384-L	2384-L Realtree Max-1® Heated Hoodie Only	
169039	2384-XL	2384-XL Realtree Max-1® Heated Hoodie Only	
169040	2384-2X	2384-2X Realtree Max-1® Heated Hoodie Only	
169041	2384-3X	2384-3X Realtree Max-1® Heated Hoodie Only	

M12™ High Visibility Heated Hoodie Only

- *(1) M12™ High visibilty heated hoodie only (2376)*



Part #	Mfg #	Description	Price
160185	2376-S	2376-S Hi-Vis Heated Hoodie Only	
160186	2376-M	2376-M Hi-Vis Heated Hoodie Only	
160187	2376-L	2376-L Hi-Vis Heated Hoodie Only	
160188	2376-XL	2376-XL Hi-Vis Heated Hoodie Only	
160189	2376-2X	2376-2X Hi-Vis Heated Hoodie Only	
160190	2376-3X	2376-3X Hi-Vis Heated Hoodie Only	

M12™ Cordless Black Heated Hand Warmer Kit

- *(1) M12™ Cordless black heated hand warmer only (2322-20)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*



Part #	Mfg #	Description	Price
160200	2322-21	2322-21 Black Hand Warmer Kit	
160199	2322-20	2322-20 Black Hand Warmer Only	

M12™ Cordless Realtree Xtra® Camo Heated Hand Warmer Kit

- *(1) M12™ Cordless Realtree Xtra® Camo heated hand warmer kit (2321-21)*
- *(1) M12™ REDLITHIUM battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*



Part #	Mfg #	Description	Price
160198	2321-21	2321-21 Camo Hand Warmer Kit	
160197	2321-20	2321-20 Camo Hand Warmer Only	

Miscellaneous Tools

Carrying Cases and Bags

Organizer Bag



Part #	Mfg #	Use with:	Price
145691	49-17-0110	Contractor Parts Organizer	

M12™ Tool Holster

- *Heavy duty nylon material*
- *Easy snap-on*
- *On board bit storage*
- *Compatible with most M12™ drilling and fastening tools*



Part #	Mfg #	Description	Price
151175	2335-20	2335-20 M12 Tool Holster	

STUFF SORTER™

Bucket Organizers

- *High-impact plastic pail*
- *Storage trays fit snuggly inside*
- *Easy on/off lid*



Part #	Mfg #	Bucket	Trays:	Price
008175	502	5 gal	2 Large & 2 Small	

Bucket Organizer Pail Lid

- *Fits both 3.5 and 5 gallon pails*

Part #	Mfg #	Description	Price
059482	001	Lid Only	

American Standard Repair Parts

Faucet Repair/Replacement Parts

Diaphragm Kit

Part #	Mfg #	Description	Price
001906	72940-0700	Aquaseal Diaphragm f/Heritage (Pr)	

Toilet Repair/Replacement Parts

Flapper

Part #	Mfg #	Description	Price
026083	47146-0070A	Am Std, Rubber Flapper	

Flush Valve

Part #	Mfg #	Description	Price
001827	66287-0070A	Am Std, Cadet Flush Valve Rebuild Kit	

Tank-to-Bowl Kit

Part #	Mfg #	Description	Price
001760	47060-07	Am Std, Tank-to-Bowl Kit	

Toilet Flush Actuator

Part #	Mfg #	Description	Price
001662	33642-0700	Am Std, Toilet Actuating Valve for #5 w/Disc, Chain, Clip & Grommet	

Toilet Installation

Part #	Mfg #	Description	Price
001663	33643-0700	Am Std, Snap-on Seat Disc for 2031.016 Heritage Toilet	

Trip Lever

Part #	Mfg #	Description	Price
001778	47242-0020A	Am Std, Chrome f/Cadet II	
001779	47242-0200A	Am Std, White f/Cadet II	

Tub & Shower Accessories

Self-Adhesive Tape

Part #	Mfg #	Description	Price
048292	SC4248	Self Adhesive Tape	

Vinyl

Part #	Mfg #	Description	Price
048294	SCV284	Tapered Drip Vinyl, 37"	

Check-Trol™ Isolation Flow Control Flange Sets

- *Packaged with an isolation flange of the same size as a pair*
- *For circulator installations, gives you features of flow control valve, isolation valve and companion flange*
- *Cap screws and nuts included*
- *Maximum working pressure: 150 psi*
- *Maximum operating temperature: 200°F*



Flange for NRF/NBF/SSF Wet Rotors (Except NRF-45 & NBF-45), Series PL-30, PL-36, PL-55, Series 100, PR & LR

Part #	Mfg #	Model	Size	Price
079000	101232	CTF-1	1" NPT x Flange	

Pump Motors and Accessories

Power Pack Motor



111034



111031

Part #	Mfg #	Phase	Voltage	HP	Price
002433	111034	Single	115V	1/12	
002432	111031	Single	115V	1/6	

Motor Coupler



Part #	Mfg #	Description	Price
002446	118473	For PD-35, PD-37, 60 "AA", 1522 (1/2" Shaft Frame)	
002452	118705	Pump Coupler for Series 100, HV, 2", PR	

Seal Kit

Part #	Mfg #	Description	Price
002457	186862	Seal Kit #1 1-1/4" ID Bronze Fit	

Bearing Assembly



118844



186863

Part #	Mfg #	Description	Price
002455	118844	For 100 Series NFI & BI	
048806	185332	For PD-35, PD-37, 60 "AA"; IB, BF or AB	
002462	189105	For Series PR, 2-1/2", LD-3, HD-3	

Pump Motors and Accessories (Continued)

Bearing Assembly

Part #	Mfg #	Description	Price
002465	189134	Series 100	
044637	189163	Obsolete 1-1/2", Obsolete 2", Obsolete HV	
044778	189165	For HV, 2", 1-1/2" Obsolete IB or BI	

Flange Gasket Set



118368

Part #	Mfg #	Description	Price
002442	118373	For 1-1/2", HV and All 1-1/2AA or 1-1/2A Models	
002441	118368	For LR, PL-30, PL-36, Series 100, PR, 60 1AA, 60 11/4AA, PL-55 and All 1AA or 1-1/4AA Models	

Parts & Accessories



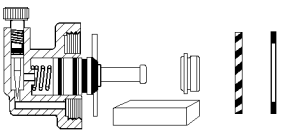
Part #	Mfg #	Description	Price
002407	L23401	1.5 oz Oil Tube	

Bradley Washfountain Repair Parts

Classic Washfountain Parts

Foot Valve Repair Kit

- *Includes:*
  - *S21-027 Needle assembly*
  - *S64-006 Valve plunger assembly*
  - *125-001BW Gasket*
  - *117-016 Valve seat*
  - *125-001Y Diaphragm*
  - *124-001V Fibre washer*
  - *110-095 Body-needle valve*
  - *135-001P Spring*
  - *130-033 Key-valve seat*



Part #	Mfg #	Description	Price
002730	S65-001A	Foot Valve Repair Kit	

Chicago Faucet Repair Parts

Handles & Handle Parts



Part #	Mfg #	Description	Finish	Price
002876	369-PRJKCP	(2) 2-3/8" ADA Levers with Hot/Cold Index Buttons	CP	

Faucet Stem & Cartridge



1-099XTJKNF/1-100XTJKNF



377-XTRHJKNF/377-XTLHJK

Part #	Mfg #	Description	Finish	Price
016112	1-099XTJKNF	New Style RH Quaturn™ Short Stem Unit for Exposed Valve (12/Box Only)	NF	
056563	1-099XKJKNF	RH Ceramic Short Stem Unit for Exposed Valve (12/Box Only)	NF	
016111	1-100XTJKNF	New Style LH Quaturn™ Short Stem Unit for Exposed Valve (12/Box Only)	NF	
056562	1-100XKJKNF	LH Ceramic 1/4-Turn Short Stem Unit for Exposed Valve	NF	
099706	377-XKLHJKNF	LH Ceramic 1/4-Turn Long Stem Unit for Concealed Valve (Sold by box 12/Lot)	NF	
099700	377-XKRHJKNF	RH Ceramic 1/4-Turn Long Stem Unit for Concealed Valve (Sold by box 12/Lot)	NF	
002877	377-XTLHJKNF	LH Quaturn™ Long Stem Cartridge for Concealed Valve (Sold by box 12/Lot)	NF	
002878	377-XTRHJKNF	RH Quaturn™ Long Stem Cartridge for Concealed Valve	NF	
020910	386-XSLOJKNF	Urinal Push-Button Cartridge	NF	

Pre-Rinse Faucet Components

Stainless Steel Hose/Handle Assembly



- *Insulated handle*
- *3/4"-14 UNS Female outlet, 3/8" MNPT inlet*
- *T&S & Fisher adapters supplied*

Part #	Mfg #	Description	Finish	Price
068698	83-44NF	44" Stainless Steel Hose/Handle Assembly	NF	

Single Water Inlet Fittings

Deck-Mount Fitting



- *Solid brass body construction*
- *5-1/4" Rigid/swing gooseneck spout*
- *1/2" NPSM Coupling nut for 3/8" or 1/2" flexible riser*
- *Mounting hardware included*

Part #	Mfg #	Description	Finish	Price
002897	626-E3CP	1-Hole, E3 Softflo Pressure Compensating Aerator	CP	

Chicago Faucet Repair Parts

Spouts

- *Fits 1-1/16"-18 UNEF male body outlet*


DJ13JKCP


L8JKCP

Part #	Mfg #	Description	Finish	Price
002797	DJ13JKCP	Double Jointed Swing Spout, 3-7/8"H, 13" Reach, E3 Softflo® Aerator	CP	
002798	DJ18JKCP	Double Jointed Swing Spout, 3-7/8"H, 17-3/4" Reach, E3 Softflo® Aerator	CP	
002811	L8JKCP	L-Type Swing Spout, 4-3/8"H, 8" Reach, E3 Softflo® Aerator	CP	
020853	L9JKCP	L-Type Swing Spout, 6-1/2"H, 9-1/2" Reach, E3 Softflo® Aerator	CP	
002810	L12JKCP	L-Type Swing Spout, 4-5/8"H, 12" Reach, E3 Softflo® Aerator	CP	
002812	S6JKCP	Swing Spout, 1-3/4"H, 6" Reach, E3 Softflo® Aerator	CP	

Gooseneck Spouts

- *Available in numerous standard dimensions*
- *Heavy 11/16" OD chrome-plated brass tubing*
- *Inlet union nut for quick changeout*
- *Allows for field conversion of gooseneck spouts from rigid to swing AND vice-versa*

Type A Gooseneck Spout



- *Designed to accept Group A spout ends*
- *Fits 1-1/16"-18 UNEF male body outlet*

Part #	Mfg #	Description	Finish	Price
002804	GN1AE3JK	Rigid/Swing GN Spout w/13/16"-24 Male Outlet 8-3/8"H, 3-1/2" Reach	CP	
002805	GN2AE3JKCP	Rigid/Swing GN Spout, 9-3/4"H, 5-1/4" Reach, E3 Softflo® Aerator	CP	
002806	GN8AE3JKCP	Rigid/Swing Spout w/E3 Pressure Compensating Softflo® Aerator 2.2 gpm, 11-1/4"H, 8" Reach	CP	

Outlets & Adapters

- *All flow rates up to 80 psi*

E3 Pressure Compensating Softflo® Aerator



- *Maximum flow rate: 2.2 gpm @ 60 psi*
- *13/16"-24 Female inlet*

Part #	Mfg #	Description	Finish	Price
002802	E3JKCP	Fits Spouts w/Group A Outlets	CP	

E12 Pressure Compensating Softflo® Aerator

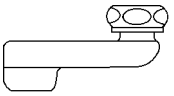


- *Maximum flow rate: 2.2 gpm @ 60 psi*
- *13/16"-27 Male inlet*

Part #	Mfg #	Description	Finish	Price
002799	E12JKCP	For Widespread & Centerset Lavatory Faucet	CP	

Chicago Faucet Repair Parts

Supply & Shank Connections/Inlets Shanks



Part #	Mfg #	Description	Finish	Price
020958	HJKCP	2-1/2" Offset Inlet Supply Arm	CP	

Renewing Kits

Quaturn™ & Slow Compression Unit Kit - New Style



Part #	Mfg #	Description	Price
002833	1277D	Jiffy Kit - Box of 12	

Replacement Parts



671-XJKNF

Part #	Mfg #	Description	Finish	Price
002818	1-006JKNF	Packing (50/Box Only)	NF	
002819	1-011JKNF	Rubber Washer (50/Box Only)		
002822	1-021JKNF	Rubber Seat Washer for X or XT	NF	
002823	1-022JKNF	Retainer for X or XT (100/Box Only)		
002825	1-027JKNF	Seat for X Style (100/Box Only)		
002826	1-031JKNF	Stem Washer for X Style (100/Box Only)		
002827	1-043JKNF	Cap Gasket for X Style (100/Box Only)		
134195	1-104JKNF	Spout Gland		
100595	1104-007JKNF	O-Ring		
144383	122-NF	Thermostatic Mixing Valve	NF	
139530	131-NF	Thermostatic Mixing Valve	NF	
026523	217-XTLHJKNF	LH Slo-Comp (12/Box)	NF	
002847	217-XTRHJK	RH Slo-Comp (12/Box)		
002848	244-006JKNF	Rubber Seat Washer for NAIAD Cartridges	NF	
133595	305-SVBJKCP	Rigid Atmospheric Vacuum Breaker Spout w/3/4" Hose Thread	CP	
028864	333-XSLOPSHJKNF	Pushbutton Unit with Slow-Closing Push Button Cartridge, Push Index & Adj Cycle Time Closure		
138699	420-XJKNF	Ceramic Volume & Temperature Control Cartridge	NF	
033135	671-XJKNF	Metering Valve Unit		
135738	734-CP	Vacuum Breaker Kit		
029908	734-005JKNF	Body Gasket		

Chicago Faucet Repair Parts

Replacement Parts (Continued)

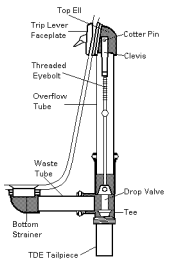
Part #	Mfg #	Description	Finish	Price
134779	892-254KJKCP	Vacuum Breaker Cover & Screw Kit	CP	

Dearborn Brass Repair Parts

Waste Repair Parts

Repair Part for Bath Waste

- *-1 Polished chrome*



Part #	Mfg #	Description	Price
003327	4503-1	Faceplate, Trip Lever	

Cast Brass Fittings

90° Slip Joint Elbow

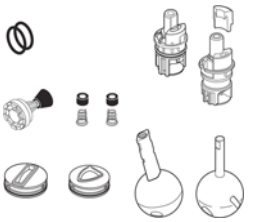
- *Cast Brass*



Part #	Mfg #	Size	Gauge	Price
175072	1675-2	1-1/2"		

Delta Faucet Repair Parts

Single-Handle Repair Parts Kit



Part #	Mfg #	Description	Price
131775	RP63138	Single-Handle Repair Parts Kit	
152794	RP52833	Single Metal Lever Handle Kit	
153001	RP60965	Single Lever Handle Kit w/ Button and Set Screw	

Installation Aids

Quick-Connect Vegetable Spray Nipple Cap

- *Converts "with spray" to "less spray"*

Part #	Mfg #	Description	Price
074978	RP40301	Quick Connect Coupling, Vegetable Spray Cap	

Quick-Connect Hose

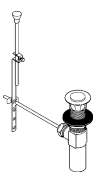
- *For installing handle and spout farther apart*

Part #	Mfg #	Description	Price
144185	RP50390	Hose Assembly & Clip	

Lavatory Drains

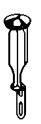
Metal Lavatory Drain Assembly

- *Metal pop-up drain*
- *Metal lift-rod*



Part #	Mfg #	Description	Price
003641	RP5651	Chrome	
003643	RP5651PB	Pol Brass*	
093335	RP5651RB	Venetian Bronze®	

Lavatory Drain Stopper

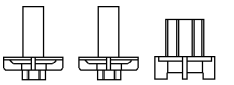


Part #	Mfg #	Description	Price
003637	RP5648	Chrome	

Bath Installation Aids

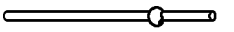
Thick Deck Mounting Kits

- *Adds 1" to shanks*



Part #	Mfg #	Description	Price
051857	RP10612	For 3530/3540/3543/3544/ 3555/3665/3567/3569/ 3577/3578/3583	

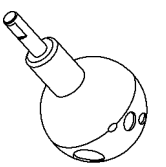
Delta® Horizontal Rod



Part #	Mfg #	Description	Price
003436	RP12517	6-1/8"L-Standard	

Conversion Ball

- *Converts knob to lever handle*
- *Makes faucet ADA compliant*



Part #	Mfg #	Description	Price
003587	RP20111	For Single Knob Lavatory Faucets	

Euro-Motion™ Valve Assembly



Part #	Mfg #	Description	Price
153040	RP60114	Valve Assembly, Euro-Motion™	

Pressure Balance Cartridge Assembly

- *Single-function pressure balance temperature control only*
- *For use with MultiChoice® Universal valve body and 13 Series or 14 Series trim*

RP47201





RP46074

Part #	Mfg #	Description	Price
095758	RP46074	For MultiChoice®, 13 & 14	

*** Brilliance® Anti-Tarnish Lifetime Finishes**

Delta Faucet Repair Parts

Pressure Balance Cartridge Adapter

- *Dual-function volume and pressure balance temperature control*
- *For use with MultiChoice® Universal valve body and 17 Series or 18 Series trim*



Part #	Mfg #	Description	Price
102530	RP46463	MultiChoice®, 17 & 18	

Thin Wall Installation Aid

- *For MultiChoice® Universal thin mount installation aid*



Part #	Mfg #	Description	Price
094435	RP47202	Thin Mount Aid	

Shower Renovation Cover Plate

- *Covers up 8" center holes*



Part #	Mfg #	Finish	Price
040814	RP29827	Chrome	
134118	RP29827SS	Stainless*	

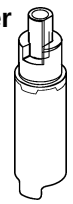
600 Series Tub and Shower Renovation Kit

- *Includes:*
  - *RP17443RB - Lever handle*
  - *RP5883RB - Escutcheon*
  - *RP1050RB - Cap*
  - *RP5893RB - Sleeve*
  - *RP196RB - Escutcheon screws*
  - *RP20111 - Conversion ball*
  - *RP4993 - Seats and springs*
  - *RP188 = Cam and packing*



Part #	Mfg #	Finish	Price
132394	RP54870	Chrome	
132395	RP54870RB	Venetian Bronze®	
129199	RP54870SS	Stainless*	

Jetted Shower XO® Stem Extender



Part #	Mfg #	Description	Price
135242	RP37902	Stem Extender	
100606	RP37903	Stem Extender	

Kitchen Spray Assemblies

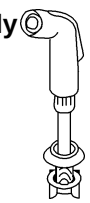
White Spray & Hose Assembly



Part #	Mfg #	Description	Price
074675	RP39360	For Classic Kitchen Models	

Finished Spray & Hose Assembly

- *For Signature® and Waterfall® kitchen models*



Part #	Mfg #	Finish	Price
098546	RP39345	Chrome	
091323	RP39345SS	Stainless*	

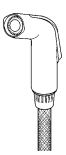
Finished Spray & Hose

- *Assembly with spray support*



Part #	Mfg #	Finish	Price
044116	RP31612	Chrome	

Spray & Hose Assembly



Part #	Mfg #	Finish	Price
058833	RP28900	Chrome	
059165	RP28900SS	Stainless*	

*** Brilliance® Anti-Tarnish Lifetime Finishes**

Delta Faucet Repair Parts

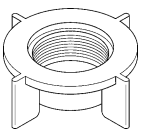
Spray, Hose and Diverter Assembly



Part #	Mfg #	Finish	Price
134487	RP60097	Chrome	

Soap/Lotion Dispenser Accessories

Soap/Lotion Dispenser Nut



Part #	Mfg #	Description	Price
037864	RP21945	Dispenser Nut	

Kitchen Accessories

Kitchen Diverter Assembly

- *Diverter assembly kit 1-handle Delta® replacement*



RP63135



RP63136

Part #	Mfg #	Description	Price
133121	RP63135	Kitchen Faucet Diverter Assembly	
136138	RP63135MBS	Diverter Assembly	
132777	RP63136	1-Handle Diverter Assembly	
133157	RP63136MBS	Kitchen Diverter Assembly	

Handshower Diverter Tub Spout

- *Pull-up to divert*
- *Thread onto 1/2" or 3/4" IPS*



U1072-PK



U1010PK

Part #	Mfg #	Description	Price
001158	U1072-PK	5-1/4", 1/2" CWT Slip Fit, Chrome	

Kitchen Accessories (Continued)

Handshower Diverter Tub Spout

Part #	Mfg #	Description	Price
001154	U1010-PK	6-1/2", Threads onto 1/2" or 3/4" IPS, Chrome	

Pull-Out Wand Assembly



RP53102

Part #	Mfg #	Description	Price
133693	RP38643SS	Stainless*, Saxony Collection	
147391	RP53102SS	Stainless*, Allora Collection	
152052	RP51480-SS	Stainless*, Leland	

Wall-Mount Bracket

Part #	Mfg #	Finish	Price
145343	RP48771-NN	Pearl Nickel*	

Shower Mount Bracket

Part #	Mfg #	Finish	Price
138423	RP48772PT	Aged Pewter	
130561	RP48772SS	Stainless*	

Shower Parts

Hose Assembly



Part #	Mfg #	Description	Price
159926	RP64021	Chrome	
163999	RP64021RB	Venetian Bronze®	
153057	RP64021SS	Stainless*	

*** Brilliance® Anti-Tarnish Lifetime Finishes**

Delta Faucet Repair Parts

Single Lever Handle Kit - 17T Series



Part #	Mfg #	Description	Price
153179	RP51309-SS	17T Handle Assembly, Stainless	

Volume Control



- *Trickle feature*
- *Brass construction*

Part #	Mfg #	Finish	Price
001211	U4760-PK	Chrome	

Quick-Connect Hose Clip



Part #	Mfg #	Description	Price
144186	RP60911	Hose Clip	

Trim Sleeve - 17 and 18 Series



Part #	Mfg #	Description	Price
151398	RP50880-RB	Venetian Bronze®	
151435	RP50880-SS	Stainless*	

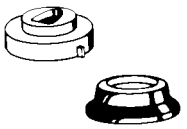
Valve Sleeve Assembly



Part #	Mfg #	Description	Price
172344	RP51481-RB	Venetian Bronze®	

Bath Waste Parts

Cam & Packing



Part #	Mfg #	Description	Price
003688	RP61	For Single Lever Handle	
003552	RP188	For Single Knob Handle	

Bonnet Cap

- *With adjusting ring*



RP50

Part #	Mfg #	Finish	Price
003631	RP50	Chrome	

Escutcheon

Part #	Mfg #	Description	Price
032826	RP19809	Diagonal Escape Screw Holes, CP	

Mini-Bulk Parts

Aerator

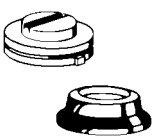
- *15/16" - 27 Male thread*
- *For most kitchen and lavatory faucets*
- *2.2 gpm @ 60 psi*



Part #	Mfg #	Description	Price
022154	RP330MBS	60 Each, Chrome	

Cam & Packing - Knob

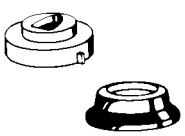
- *For single knob handle faucets*



Part #	Mfg #	Description	Price
017861	RP188MBS	60 Each	

Cam & Packing - Lever

- *For single lever handle faucets*



Part #	Mfg #	Description	Price
017522	RP61MBS	60 Each	

Repair Parts

*** Brilliance® Anti-Tarnish Lifetime Finishes**

Delta Faucet Repair Parts

O-Ring



- *For 100/200/300/400 single-handle kitchen deck faucets manufactured since 1969 models*

Part #	Mfg #	Description	Price
022150	RP25MBS	120 Each	

Seat



- *For all 1-handle and 2-handle faucets*

Part #	Mfg #	Description	Price
022156	RP1806MBS	240 Each	

Spring



- *For all 1-handle and 2-handle faucets*

Part #	Mfg #	Description	Price
022158	RP3427MBS	240 Each	

Stainless Steel Ball - Knob



- *For single knob handle faucets except 1300, 1400 & 1600 tub/shower series and pull-out spray models*

Part #	Mfg #	Description	Price
022152	RP212MBS	60 Each	

Stainless Steel Ball - Lever



- *For single lever handle faucets except 1300, 1400, 1500, 1600, 1700 & 1800 T/S series and pull-out spray models*

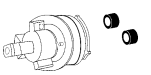
Part #	Mfg #	Description	Price
022151	RP70MBS	60 Each	

Stem Set

- *Complete with renewable seat*

Part #	Mfg #	Description	Price
033024	060034A	Cambridge 28T9 Stem Set	

Stem Unit & Seat



- *For 1600 tub/shower series*

Part #	Mfg #	Description	Price
003582	RP1991	Stem Unit & Seat	
022157	RP1991MBS	Stem Unit & Seat, 12 Each	

Stem Unit with Stainless Steel Plate



- *For 2-handle and basin faucets*

Part #	Mfg #	Description	Price
003515	RP1740	Stem Unit Assy	
022155	RP1740MBS	Stem Unit Assy, 60 Each	

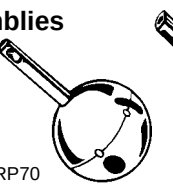
Delta® Plumber's Box of Parts



Part #	Mfg #	Description	Price
134141	RP63139	Plumber's Box of Parts	

Delta® Repair Kits/Parts

Ball Assemblies

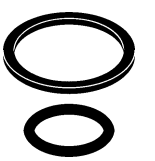

RP70


RP212

Part #	Mfg #	Description	Price
003724	RP70	For 1-H Lever	
003592	RP212	For 1-H Knob	

O-Rings


RP25


RP11729

Part #	Mfg #	Description	Price
003605	RP25	1-Hdl Kit Spout	
003589	RP2055	For 2-H Kitchen Spout	
114466	RP13938	O-Ring	
019817	RP21535	For 462/466	
040285	RP22934	For 2-H Waterfall® Kitchen Deck	
061918	RP32520	Spout O-Rings for 470 & 472	

*** Brilliance® Anti-Tarnish Lifetime Finishes**

Delta Faucet Repair Parts

Screws


RP196


RP152

Part #	Mfg #	Description	Price
003496	RP152	For Single Lever Handle	
003564	RP196	Chrome	
033496	RP25620	Set Screws for Small Handle Bases	
032801	RP26865	Set Screws for Large Handle Bases	

Seats & Springs Boxed Assortment Kit

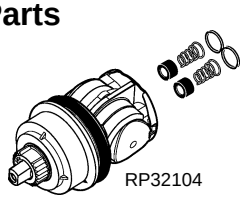


Part #	Mfg #	Description	Price
003740	RP4039	Seats & Springs 24-RP4993	

Delta® Repair Parts


RP-4993


RP-5649


RP32104

Part #	Mfg #	Description	Price
003608	RP250	Adjusting Ring	
003649	RP574	Balance Spool Assembly	
003597	RP2389	Clear 1-Handle Lavatory w/Button & Screw	
003601	RP2393	1 Kitchen Lever Handle w/Set Screw	
003603	RP2411	Button, Clear	
003623	RP3614	Internal Parts Kit	
003630	RP4993	Deluxe Seats & Springs (2)	
138702	RP51034	Shower Flange	
135236	RP51919	Diverter Cartridge - Six Setting	
003639	RP5649	Diverter Assembly, Chrome	
103471	RP5651SS	Lav Drain Assembly, SS	
003657	RP5861	Coupling Nuts	
003662	RP6011	Hose & Spray, Black/CP	
003678	RP6060	Nut	
040904	RP6081	Sleeve, Chrome	
037831	RP6079	Bonnet, Chrome	

Delta® Repair Parts (Continued)

Part #	Mfg #	Description	Price
003687	RP6092	Nuts & Washers	
003695	RP6130	Pivot Seat & Gasket	
153121	RP61820	Stem Assembly	
003705	RP6183	Locknuts	
003734	RP8230	Ceramic Stem, Seat, O-Ring, Spring	
003434	RP12491	(2) HDF Wrist Blade Handles w/Set Screw	
003531	RP17786	Spray & Hose, White	
022311	RP19807	Limit Stop	
003520	RP17449	Clear Handle w/Button & Screw, for Single Handle Faucet	
023197	RP17451	Clear Handle w/Button & Screw, for Tub & Shower	
024762	RP18627	Extender less Screws	
003568	RP19659	Button	
003572	RP19804	Cartridge Assembly	
049620	RP22734	Unplated Bonnet	
030260	RP23498	Clear Knob Handle w/Screws	
024314	RP24096	Brass Stem Assy	
050183	RP25513	Stem Unit w/Brass Stem	
045840	RP32104	1700 Cartridge	
048950	RP32522	Quick-Connect Clip	
144594	RP46079	Pressure Test Hot/Cold Plug	
131262	RP54269	Spray Cap w/O-Ring	
137154	RP60923	Kitchen Repair Part	
137175	RP2865	Plug Push Button Diverter	
135054	RP43233	D-Spacer 14 Series	
122117	RP50587	Single Handle Valve Cartridge	
107694	RP44647	Pull-Out Hose Assembly	
145283	RP64155RB	Venetian Bronze® Traditional Slide Mechanism	

*** Brilliance® Anti-Tarnish Lifetime Finishes**

Elkay Repair Parts

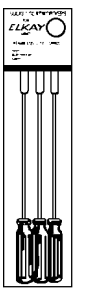
Elkay Sink Parts & Accessories

Mounting Clip



Part #	Mfg #	Description	Price
006122	LK-363	Long Sink Clips	
104709	LK-463	Elkay Sink Clips for 1-5/8", 2", 2-1/2" Thick Tops	

Replacement Part



Part #	Mfg #	Description	Price
006120	LK-350	Socket Screwdriver	

Water Cooler Parts



35981-C



50986-C



55996-C



61313-C



61314-C

Part #	Mfg #	Description	Price
023576	31513-C	Elkay Cold Control	
131137	36247C	Solenoid Valve 115V	
086622	35981-C	Elkay 1/4 Solenoid Valve	
022839	50985-C	Holder Regulator	
060511	50986-C	Holder Regulator	
026211	51531C	Pivot Block	
045589	55996 C	Cooler Y-Strainer	
086335	55999-C	Pushbar Front EZ Gray	
006168	61313 C	Cartridge for Water Cooler	
024551	61314-C	Green Cartridge	

Elkay Repair Parts

EZH2O™ Parts



Part #	Mfg #	Description	Price
132220	51300C	Replacement WaterSentry® Filter for EZH2O™ Bottle Filler Stations	

Replacement Parts

Blower

Part #	Mfg #	Description	Price
127041	FBB-4	Variable-Speed Blower	

Fenner Drives Repair Parts

Belts

PowerTwist Plus® V-Belt

- *No tools required, assembles in minutes*
- *High strength and low elongation under load*
- *High performance polyurethane elastomer reinforced with multiple plies of polyester fabric*



Part #	Mfg #	Type	Length	Pack	Price
143772	0418010SL	3L	5'	Slv	
143792	0418030SL	A/4L	5'	Slv	
143793	0405030	A/4L	25'	Box	
143795	0418050SL	B/5L	6'	Slv	
143796	0405050	B/5L	25'	Box	

Franklin Electric Repair Parts

Capacitor Kits

Part #	Mfg #	HP	Volts	Price
098889	305-207-905	1/2	230V	
098890	305-207-918	3/4	230V	
118594	305-207-913	1	230V	
097608	305-218-976	1/2	230V	
096114	305-218-978	3/4	230V	

Relays

Relay Kit

Part #	Mfg #	Volts	Price
096115	305-102-902	230V	

General Filter Repair Parts

Manual Control Humidistats

- *Senses variation in relative humidity levels*
- *Humidity range: 10% - 85%*
- *Duct cut-out dimensions: 2-1/4" x 1-3/4"*
- *Duct plate dimensions: 4" x 5-1/2"*
- *Mounting screws included*



Wall-Mount Housing

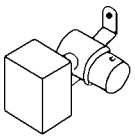
- *Allows for both wall and duct mount*

Part #	Mfg #	Description	Price
146561	WMH3	Wall-Mount Housing for MHX3, MHX3C, or DHX3	

GeneralAire Replacement Parts

1042 Series Humidifier Replacement Parts

990-53



Part #	Mfg #	Description	Price
004874	990-53	Solenoid Valve Assembly - 24V for 1042/1137 (Includes Fittings)	

Replacement Evaporator Pad

- *Aluminum evaporator material enclosed in heavy wire frame and channeling*
- *Pad has super absorbent coating*



990-13

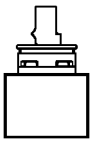


1099-20

Part #	Mfg #	Description	Price
004870	990-13	11-3/4"H x 9-3/4"W Evaporator Pad for Model SL-16, 1042, 1040, 1137	
125681	1099-20	12"H x 14-1/4"W Evaporator Pad for Model 1099, 950	

Gerber Replacement Parts

Cartridge Assembly



92-298

Part #	Mfg #	Description	Price
028493	92-298	Hardwater® Ceramic Cartridge with Limit Stop, Chrome	
088009	95-154	Replacement Cartridge for GS103/GS105	
029460	97-022	Safetemp™ Control Cartridge, Chrome	

Faceplate

Part #	Mfg #	Description	Price
004816	97-130	Faceplate Assembly, Chrome	
026255	97-171-KT	Faceplate Assembly, Chrome	

Handle

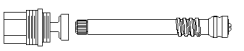
Part #	Mfg #	Description	Price
031332	86-986	Ceramaflow™ Disc Cartridge, Handle, Cold, Chrome	
031331	86-987	Ceramaflow™ Disc Cartridge, Handle, Hot, Chrome	

Shower Arm



Part #	Mfg #	Description	Price
004716	49-205	Lock Shower Arm Ell, Thin Wall Install, Less Spray Plate, Rough Brass	

Stem and Bonnet Assembly



Part #	Mfg #	Description	Price
004827	98-673	Stem & Bonnet Assembly, Hot	

Unit Bag

Part #	Mfg #	Description	Price
004849	99-537	Unit Bag 298-290/590/790/794/795/796, White	
063774	99-538	UltraFlush Unit Bag, White	
105006	99-660	Gerber Unit Bag for Avalanche	

Parts

Part #	Mfg #	Description	Price
004776	90-161	Brass Seat 5/8"-20 NS-2 Thread	
026022	90-390	Fibre Follower	
091418	92-294	Limit Stop for Safetemp	
023522	97-013	Complete Hardwater® Assembly, Less Control Cartridge	
023523	97-014	Complete Safetemp Assembly, Less Control Cartridge	
085928	97-305	Pop-Up Extension Assembly	
004843	99-161	Lav Hanger	

Gerber Toilet Parts

Flush Valve

Part #	Mfg #	Description	Price
037484	99-403	Flush Valve Cartridge	
101980	99-648	Viper Flush Valve	

Washer

Part #	Mfg #	Description	Price
004790	90-940	Washer	
004795	91-150	Beveled Washer for Bathwaste Head	
026026	91-260	Washer	

*Physical Vapor Deposition (PVD) Limited Lifetime Finish

Electrical Components



EPC Control Board

Part #	Mfg #	Part Name	Description	Price
107815	20120100111	EPC Control Board	Control Board for All HE/LV-E Fan Coils with EPC Motors	
127481	20120100001	EPC Circuit Board	Circuit Board for all HE/LV-E Fan Coils with EPC Motors	
127483	20120100030	EPC Transformer	Transformer for all HE/LV-E Fan Coils with EPC Motors	

Heat Pump Repair Parts

Part #	Mfg #	Description	Price
131157	11470002001	ECM Board	
099573	01CB28	Time Delay Board	
131158	11470003001	Combo Board	
146360	47P002-01NN	47p002-01nn Hydron Combo Board	
131156	11470001001	Control Board	
102660	01CB30	Control Board	
104349	32EB20	15/20kW Elec Board	
158573	40M100-01NN	ECM Motor Hydron	
177055	85A006-02VN	ECM Blower Motor	
136798	35P002-04NN	35p002-01nn Low Pres Switch	
136799	35P003-01NN	High Pres Switch	
136926	11350001002	Low Pres Switch Thrd	
136800	50FL001	Drain Pan Switch	
136823	05P001-01NN	Flow Switch	
141084	18R006	Valve	
141085	33P001-01NN	Valve Hydron	
167466	31P004-01CN	Hydron Air Coil	
167465	18V004	Hydron 3-Way Valve	
141083	18R00C	Coil f/Valve	
111761	26C008	3-Pole Contactor	
136803	11430001001	2-Pole Contactor	
131727	11410000001	Wiring Harness ECM	
136801	11450000001	75VA Transformer	
135343	34P060-11B	H062 410A 2-Stage Comp	
176400	50CB10	Compressor Blanket	
176401	50CB40	Compressor Blanket	
172648	51P010-01HN	Blower Wheel	

Capacitor

Part #	Mfg #	Description	Price
136806	26C101	Capacitor H018 Rev A&B	
136807	26C103	Capacitor All 024 Rev A&B	
136808	26C104	Cap H030&36/w036 Rev A	
136809	26C111	Capacitor	
136810	26C112	Capacitor	

Honeywell Repair Parts

Fan Centers

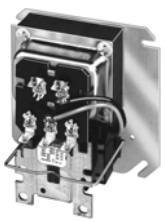
R8239 Control Center



- *Provides low voltage control of line voltage fan motors and auxiliary circuits in heating, cooling or heat-cooling circuits*
- *Includes NEMA D Transformer, relay enclosures*
- *Convenient connections for thermostat and heating-cooling equipment wiring*
- *Mounts on standard 4" x 4" junction box in any indoor location without additional enclosures*
- *Relay is easily replaced without disturbing wiring*

Part #	Mfg #	Description	Price
112616	R8239B1076	120/208/240V, DPDT Switching, 50VA Transformer, Includes R8222D	

R8285 Control Center



- *Transformer powers low voltage control systems and provides overload protection*
- *Low voltage terminal board provides convenient connections for thermostat and heating/cooling equipment wiring*
- *Mounts on standard 4" x 4" junction box*
- *Relay is easily replaced without disturbing wiring*

Part #	Mfg #	Description	Price
006780	R8285A1048	120V, SPDT Switching, 40VA Transformer, 24V Secondary, Includes R8222B Plug-In Relay for 1 or 2 Speed Fans	

Humidifier Parts & Accessories

Humidifier Parts

Part #	Mfg #	Description	Price
037355	32001615-001	Drain Fitting for HE220 and HE260 Humidifiers	
037357	32001639-002	Solenoid Valve Assembly for Honeywell Humidifiers, Includes Water Feed Tube & Nozzle	

Honeywell Accessories

Motor

Part #	Mfg #	Description	Price
006844	802360JA	24V Sealed Replacement Motor for V8043/V8044	

Replacement Heads for V Series Zone Valves

Part #	Mfg #	Description	Price
006841	40003916-026	24VAC, 50/60 Hz Replacement Head with End Switch for V8044E	
031407	40003916-048	24VAC, 50/60 Hz Replacement Head with End Switch for V8043F	

Honeywell Parts

Part #	Mfg #	Description	Price
074665	32001754-001	Current Sensing Relay for Whole-House Humidification Units	
006842	40003918-006	Adapter Kit for V4043, V8043, 2-Way Hydronic Valves	
127196	50027997-001	Solenoid Valve for TrueSTEAM	
143930	50027998-002	True Steam Water Level Sensor	

Nuts and Washers

Basin Nut



Part #	Mfg #	Description	Price
044429	B10-102	1/2"-14 x 1/2" Regular Zamak	

Basket Strainer Locknut



- *Die cast zinc*

Part #	Mfg #	Description	Price
093968	B10-094	Basket Strainer Rubber Washer	

Carrier Nut & Washer Set



- *5/8-11 Threads*

Part #	Mfg #	Description	Price
125755	C56-100	4-Pk Nuts & Washers	

O-Ring Kit



- *Packed in resealable plastic case with fitting chart on lid*

Part #	Mfg #	Description	Price
093646	O25-200	200-Pc O-Ring Plumber's Pack	

Brass Sink Drains

Brass Pop-Up Assembly



- *All metal construction*
- *Tool free locknut and ballrod nut*
- *1-1/4" Tubular*

Part #	Mfg #	Finish	Price
042864	P35-001	CP Brass	

Diverter Tub Spouts

Standard Chrome-Plated Diverter Spout



Part #	Mfg #	Size	Conn	Material	Price
052690	D01-001	1/2" FIP	Nose	Zamak	

Faucet Adapters

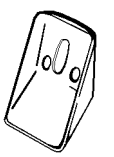
Faucet to Garden Hose Adapter



- *Threads: 15/16"-27 male x 55/64"-27 female x 3/4" MGH*

Part #	Mfg #	Description	Finish	Price
051788	A01-040	Dual Threads	CP Brass	

Lavatory & Sink Hangers



- *Wall-mount*

Part #	Mfg #	Description	Price
092368	L56-022	Steel (for Vitreous China)	

Water Heater Accessories

Water Heater Run-Off Tube



- *Electroplated fittings*
- *Temperature rating: 230°F*
- *UL Listed*

Part #	Mfg #	Size	Description	Price
063537	J34-980	3/4" NPT	Top Mount	

Kohler Repair Parts

Kitchen Side Sprays

Standard Kitchen Side Spray & Hose



Part #	Mfg #	Description	Price
122911	GP1021724-7	Side Spray w/Hose Black	
156774	1021724-VF	Side Spray w/Hose Pol Brass	

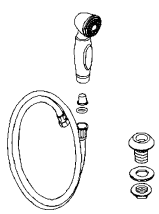
Spray & Hose



1041319

Part #	Mfg #	Description	Price
098050	1041319-CP	Pol Chrome Pull-Out Spray Head	
173755	1041319-G	Br Chrome Pull-Out Spray Head	
153955	1109445-BN	Br Nickel Spray w/ Screen	
171513	1013838-BV	Spray Assembly, Brushed Bronze	
155335	1036940-0	White Spray Head Kit	
134128	1114379-BC	Hose Kit, Bright Chrome	
166252	1155250-CP	Bellera Spray Head, Pol Chrome	
156335	1155250-VS	Bellera Spray Head, *Stainless	
165112	1155355-CP	Cruette Spray Head, Pol Chrome	
155345	1155355-VS	Cruette Spray Head, Stainless	

Side Spray Assembly



Part #	Mfg #	Description	Price
135248	1011130-G	Side Spray Assembly, Brushed Chrome	
152182	1011130-BN	Sidespray Assembly, Brushed Nickel	
153716	1005010-VF	Hose Service Kit	

Kitchen Side Sprays (Continued)

Side Spray Assembly

Part #	Mfg #	Description	Price
155090	1085211-CP	Side Spray Assembly, Pol Chrome	

Shower Installation

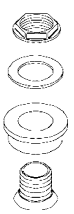
Pressure Balancing Kit

Part #	Mfg #	Description	Price
134263	K-1144925	PBU for K-306-KS & K-2971-KS	

Urinal Installation

Part #	Mfg #	Description	Price
056119	21403	Urinal Cleanout Plug	

Urinal Spud Assembly



Part #	Mfg #	Size	Price
145344	18759	1-1/4"	

Toilet/Urinal Installation & Accessories

Tank Gasket



Part #	Mfg #	Description	Price
123062	GP1018165-F	Drylock Tank Gasket	

Kohler Repair Parts

Ballcock Retro Fit Valve

- *For Rialto/ San Raphael3.5 toilets*



Part #	Mfg #	Description	Price
055292	K-84499	Plastic	

Cap Assembly



Part #	Mfg #	Description	Price
108130	1013092-96	Bolt Cap Accessory Pack, Biscuit	
153559	1013092-G9	Bolt Cap Accessory Pack, Sandbar	
072213	1013092-WH	Bolt Cap Accessory Pack, White	

Flushometer Installation Extension Kit

- *Solid brass construction*
- *Allows for 1/2" to 2-1/2" extension*
- *No need for flushometer disassembly*
- *Fits all standard flushometer inlets*



Part #	Mfg #	Finish	Price
131937	10162-CP	Pol Chrome	

Canister Valve Assembly Kit

- *Canister flapper for toilets*
- *Gaskets included*



Part #	Mfg #	Description	Price
121408	K1069722	Canister Flapper Assembly Kit	

Flapper



1078441



84995

Part #	Mfg #	Description	Price
122919	GP1060740	Flapper for Portrait™ 1-Piece Toilets	
105337	GP1039444	Flapper for Class 5 Cimarron® & Memoirs® 1-Piece Toilets	
120115	GP1078440	Flapper for Class 5 1-Piece Toilets	
119016	GP1078441	Flapper for Class 5 2-Piece Toilets	
055313	GP84995	Flapper (Hinge)	
055291	GP85160	Flapper, Blue with Float	
055289	GP87449	Flapper, Blue less Float	
093108	GP89825	Flapper Assembly	

Trip Lever Service Kit



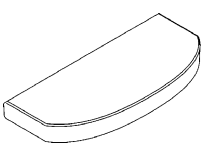
Part #	Mfg #	Description	Price
150879	113133CP	Trip Lever Service Kit-Right	
152893	30324-BRZ	Trip Lever & Nut	
153353	85084-CP	Trip Lever Assembly, Chrome	

Flush Valve Seal



Part #	Mfg #	Description	Price
055361	GP83888	Flush Valve Seal	
116169	GP1059291	Flush Valve Seal Kit	

Tank Cover



1086929

Part #	Mfg #	Description	Price
165555	1015867-7	Black, Cimarron	
167048	1046467-0	White, Kelston	

*** Vibrant Limited Lifetime Warranty**

Kohler Repair Parts

Toilet/Urinal Installation & Accessories (Continued)

Tank Cover

Part #	Mfg #	Description	Price
165618	1052861-96	Biscuit, Memoirs	
166880	1052862-0	White, Memoirs Stately	
167170	1055954-0	White, Tank Lid	
170793	1055954-96	Biscuit, Tank Lid	
156049	1070414-47	Almond	
125084	1086929-96	Close Coupled, Biscuit	
153988	1138565-0	White	
081116	84591-0	White	
153399	84591-47	Almond	

Float Valves

Float Valve



Part #	Mfg #	Description	Price
108373	K-1068030	Fill Valve Assembly	
136555	1043213	Fill Valve Assembly	

Faucet Valves

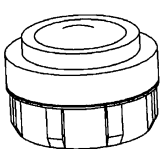
Complete Valve Assembly for Retrofitting Faucet

- *1/2" Valve*

Part #	Mfg #	Description	Price
137033	1131481	Valve Body w/Hot Stem	

Valve Repair

Aerators



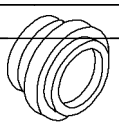
Part #	Mfg #	Description	Price
157663	1013354-CP	Aerator Kit, Chrome	
166360	1018320-VF	Aerator, 2.2 GPM	
152069	1021672	Aerator Kit, Chrome	

Valve Repair (Continued)

Aerators

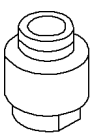
Part #	Mfg #	Description	Price
156775	1031237-VF	Aerator Assy, Pol Brass	
164704	1049937	Aerator Insert, .5 GPM	
154016	1061023	Aerator Kit, High Flow	
157799	1100416	Aerator Kit	
156817	1103116	Aerator Insert	
154664	1103459-BN	Aerator Kit, 1.5 GPM, Medium	
159263	1103464-VU	Aerator Kit, Vibrant Unbuffed	
157034	1103464-SR	Aerator Kit, Vibrant Unbuffed	
168114	1103470-CP	1.5 gpm, Polished Chrome	
152180	1103470-BN	1.5 gpm, *Brushed Nickel	
149773	1104546	Insert,1.5 gpm Medium Laminar	
159677	1105050-VF	Aerator Kit, 1.5 GPM, Polished Brass	
160675	1106716-CP	Aerator Kit, 1.5 GPM, Pol Chrome	
154088	1108235-SR	1.5gpm, Bright Nickel	
153618	1139282	1.6 gpm, Regular aerated	
154974	57376-SR	2.0 gpm, 3/4" - 27 Male Thread	
160583	59728-CP	Aerator, 2.0 gpm 55/64 FMLE, V-R	
153112	86125-BL	Aerator Assembly, Black	

Seat



Part #	Mfg #	Description	Price
055320	20774-RP	Renewable Seat	

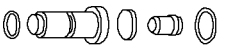
Vacuum Breaker



Part #	Mfg #	Description	Price
055422	GP49114	Vacuum Breaker	

Kohler Repair Parts

Valve Repair Kit



30166



1000187

Part #	Mfg #	Description	Price
056161	1000187	3/4" CCW for Deck Mount	
165027	1021121	Valve, Volume Control	
160355	GP1093674	Valve Kitchen	
055381	GP78579	Valve Repair Kit	
055308	GP30166	Valve Service Kit	

Washers, Nuts & Gaskets



Part #	Mfg #	Description	Price
112456	50752	Washer	
113702	51531	Tank Gasket	
055325	53410	Flush Valve Washer	

Sink Service Parts

Rough-In Kit



GP1030932

Part #	Mfg #	Description	Price
127033	56373-CP	Pol Chrome Rough-In Kit	
098493	GP1007937-CP	Deep Rough-In Kit Pol Chrome	
090369	GP1025388	Deep Rough-In Kit Pol Chrome	
087416	GP1030932	Deep Rough-In Kit Pol Chrome	

Valve



Part #	Mfg #	Description	Price
158795	1007489	Fill Valve Assembly	

Sink Service Parts (Continued)

Valve

Part #	Mfg #	Description	Price
154341	1080961	Canister Valve Assembly Kit	
153142	1145365	Flush Valve Kit 1.6G	
158438	1188998	Flush Valve Kit	
158264	1189001	Flush Valve Kit	
158343	87373	Flush Valve Kit/Unlined Tank	
095560	85406	Flush Valve	

Parts

Part #	Mfg #	Description	Price
154944	1000193-BV	Single Hole Escutcheon, Brushed Bronze	
166994	1000282-CP	Handle Kit, Chrome	
159633	1000401-BC	Tank Cover Locks, Bright Chrome	
153127	1001384-96	Suction Cover, Biscuit	
155078	1001384-89	Suction Cover, Desert Bloom	
177854	1001978-CP	Escutcheon, Pol Chrome	
166039	1001726-G	Handle Service Kit	
153385	1002856	Bracket-Hold Down	
166541	1004101-C-CP	Cold Plug Button	
166540	1004101-H-CP	Hot Plug Button	
151709	1005129	O-Ring	
166832	1006008	Lift Rod Kit, Bath	
167396	1006784-CP	Escutcheon Assembly	
162642	1007718-CP	Handle, Bath Lever	
156197	1007999	Stem Driver	
154945	1009882	Molded Gasket	
154055	1009888-CP	Base Handle, Chrome	
165459	1010161-BN	Trim Ring, Bath Handle	
166788	1010210-VS	Handle Spline Adapter	
165984	1012391-BN	Handle, Drain Overflow	
166803	1012916	Split Coupling	
170229	1012977	Adapter, Heater	
167478	1013452-0	Dial Trim Assembly	
167477	1013453	Detent Spring	
164795	1013489	Stem	
165835	1014065	Tank Plate	
165458	1014087-BN	Bonnet, Mixer Trim Br Nickel	
160891	1014555-CP	Spout & Hardware	
167744	1014917-G	Lift Rod Assy, Br Chrome	

*** Vibrant Limited Lifetime Warranty**

Kohler Repair Parts

Parts (Continued)

Part #	Mfg #	Description	Price
167746	1015084-G	Lav Lever Handle Button	
165460	1015190	Washer	
172143	1015467-2BZ	Handle Assembly, Oil-Rubbed Bronze	
165456	1015782	Screw, 8-32 Flat Head	
153165	1016455-CP	Escutcheon Assy, Chrome	
167479	1023381	Service Tool	
173541	1024303-0	Circle Graphics Button, White	
162318	1024303-2BZ	Circle Graphics Button, Oil-Rubbed Bronze	
162335	1024303-BN	Circle Graphics Button, Brushed Nickel	
170404	1024424-BN	Spout Kit	
154765	1025637-BN	Trim Ring, Drain Br Nickel	
153164	1030689-CP	Escutcheon, Chrome	
171281	1033743-BN	Escutcheon, Brushed Nickel	
166029	1035359-CP	Escutcheon, Chrome	
168072	1035605	Screw Set	
170434	1035796-CP	Handle, MB Chrome	
163159	1036044	Spray Head Clamp	
168488	1036156-SC	Push Button & Rod Assembly Kit, Chrome	
172555	1036453-CP	Handle Assembly, Ceramic Cold	
171280	1036906	Putty Plate, Over Mold	
159708	1036994-VF	Plunger Assy, Brass	
153729	1034578	Retainer, Drain Rod	
154785	1037021-CP	Plunger Assembly - Standard	
153433	1037518-CP	Hose Kit	
172528	1037022-BKB	Plunger Assembly, Brass	
161237	1037023-BN	Pop-Up Drain Assembly w/ Overflow	
166877	1037307	Tank Gasket	
170632	1037431-BV	Spray Holder Assembly	
173129	1038326	Bearing	
153316	1039475	Mounting Kit, Duostrainer	
163161	1039745	Set Screw	
166289	1040484-CP	Bancroft Spout Kit, Chrome	
165318	1041573-G	Spray Face, Brushed Chrome	
160745	1041995-96	Air Switch Kit	
162928	1042212-CP	Trip Lever Kit, Pol Chrome	
163145	1044060	O-Ring	
168711	1044616	Drain Retainer	
163427	1045251	Cable Assembly	

Parts (Continued)

Part #	Mfg #	Description	Price
163158	1045768	Sprayhead Kit, Relaxing	
165316	1045769	Sprayhead Kit, Invigorating	
163160	1051487	54 Nozzle Membrane	
165317	1051682	22 Nozzle Membrane	
153186	105770401-CP	Towel Bar Assembly 24"	
155319	10813650-0	Floor Mounting Kit Assembly	
114111	1083980	Canister Valve Assembly Kit	
156362	1086408-CP	Handle, Top Chrome	
156410	1086409-58	Ring, Grip Thunder Grey	
155113	1086972	Hinge Mount	
154678	1094633	Seat & Sleeve Assembly	
153739	1010210-BN	Handle Spline Adapter	
155669	1011059-58	Ring, Pivot	
165461	1011530-BN	Handle, Lever	
157984	1013457-E-96	Flagship Spa Massage Cover/CB Assembly	
159535	1013970	Screw, 8-32 X 1.375 L	
152457	1013975	Adapter, Mixer Trim	
153883	1014048-CP	Hose Assembly Secondary	
154533	1014049	Steam Adapter	
157985	1015009	P5-w/Neck & Backjets Plug Assembly	
169377	1016310	Plate, Wall Mount	
156133	1016953	Pump Assy, Variable Speed 230V	
167700	1017813-01-MX	Assembly "J" Hook	
156195	1018651-CP	Handle, B&S Assembly, Pol Chrome	
159106	1018651-BN	Handle, B&S Assembly, Brushed Nickel	
157818	1018651-BRZ	Handle, B&S Assembly, Oil-Rubbed Bronze	
165985	1019021-BN	Waste Plug, Brushed Nickel	
151743	1020678-E-96	Cover/CB Assembly, Flagship Spa Massage	
156951	1020679-A	Cover/CB Assembly, Kohler Core	
159540	1024303-47	Circle Graphics Plug Button, Almond	
160135	1024303-96	Circle Graphics Plug Button, Biscuit	
157926	1024303-CP	Circle Graphics Plug Button, Pol Chrome	
111678	1024419	Mixer Trim Housing Hub	
159622	1025210-BN	Escutcheon Assy, Brushed Nickel	
154531	1025639	Body-Overflow, Drain	

Kohler Repair Parts

Parts (Continued)

Part #	Mfg #	Description	Price
159534	1032871-BC	Adapter, Valve Stem-Med	
151597	1033731	Plug Assembly	
151598	1033732	Mixer Valve	
154831	1035023-CP	Handle Assembly, Metal WS	
152485	1035783	Assembly, Seal, Front Plate	
152917	1036160	Push Rod Kit	
152344	1036212	Kit, Blower-International	
172556	1036452-CP	Handle Assembly, Ceramic Hot	
153655	1036994	Plunger Assy, Brass	
152915	1037044-CP	Handle Assembly, Chrome	
158221	1034484	Retaining Clip	
159505	1039095-CP	Assy, Plug Button & O-Ring	
152463	1041320-CP	Hose Kit	
173128	1041321-BN	Handle Kit, Brushed Nickel	
155666	1041321-G	Handle Kit, Brushed Chrome	
153884	1043004	Screw, Set	
152643	1044585	Roller, White Exclusives	
120496	1046987-CP	Handle Kit, Pol Chrome	
164017	1049316-CP	Margaux Showerhead Assy	
152641	1050048-B	Nut 8-32X.312 Blind	
152637	1051142-A	Screw, 8-32 SEMS	
152456	1051609-BN	Lift Rod	
152435	1054623-BN	Assembly, Diverter	
152212	1055637	Diaphragm Assembly	
162256	1055650-CP	Push Button Assembly	
153605	1055715	Pullout - 1.5gpm	
152639	1059792	Bushing .330 ODX.210	
157607	1065219	Electronic Unit Assembly, 1.6	
155414	1068204	Cartridge Assembly	
152838	1072961-CP	Button Assembly, Chrome	
151852	1074398-VS	Spray Kit, Vibrant Stainless	
152644	1077763-A	Bolt, 8-32 X .250 SEX	
159625	1077792-47	Fairfax Widespread Plug Buttons, Almond	
152717	1080774	Union Assembly	
157870	1081349	Adapter Assembly	
152465	1087556-CP	Assembly Flush Valve, Chrome	
155986	1088663	Hose Assembly - Supply 25"	
159120	1097762-BN	Aerator Kit, 1.5 GPM, Brushed Nickel	
152040	1093052-VF	Kit, Spout & Diverter, 9"	

Parts (Continued)

Part #	Mfg #	Description	Price
151595	1098361	Aerator Kit, .5 gpm, VR	
155987	1100590	Hose, Flexible	
157194	1104111-BV	Nozzle Assembly, Brushed Bronze	
164048	1104111-VF	Nozzle Assembly, Pol Brass	
154930	1104617	Assembly, Crank	
172129	1104957	Laminar Insert	
172748	1105050-BN	Aerator Kit, 1.5 GPM	
125323	1105656	1.549" x .103" #129 O-Ring	
155660	1106729-BN	Handle, Brushed Nickel	
155661	1106733	Washer, Friction	
154740	1113583	Locknut & Gasket Kit	
160683	1119112	Slip-Fit Clamp Kit	
170104	1126917-CP	Trip Lever Kit	
158958	1131486	Deep Rough-In Kit	
155662	1138476-BN	Escutcheon Assembly, Brushed Nickel	
158967	1139558	Collet - Push-In	
155640	1140164-BN	Flange, Brushed Nickel	
165853	1142457-CP	Assembly Spout, Chrome	
153674	1142457-2BZ	Assembly, Spout ORB	
153321	1144142	Seals, PBU Kit	
152316	1147742-0	Air Switch Kit, White	
157788	1147742-47	Air Switch Kit, Almond	
147532	1150001	Installation Clips, 10/Pk	
160674	1151429-CP	Retaining Collar, Pol Chrome	
180822	1151441-CP	Shower arm Subassembly	
069038	1179-NA	Tiling-In Bead, 180" Length	
164064	1171998-BV	Aerator Assy, Unrestricted	
056792	1181-NA	Tiling-In Bead, 132" Length	
159726	1186344	Hose Assembly - Supply 22"	
158906	1190050-K-CP	Assembly, VAB Interface w/ Chroma	
165035	1209172-VS	Sensate Escutcheon, Stainless	
176606	1218922-CP	Button Flush Actuator	
158897	13602-NA	6' Cable Assembly	
155785	14511-CP	Kit Fct Escutcheon,10-1/2"	
156847	20345-CP	Flange and Set Screw Assy	
165097	20345-VF	Flange and Set Screw Assy	
158316	21166-BKB	Strainer Body, Brushed Black	
158315	21318-BKB	Stopper Assy, Brushed Black	
172647	22125	Cold Plunger	

*** Vibrant Limited Lifetime Warranty**

Kohler Repair Parts

Parts (Continued)

Part #	Mfg #	Description	Price
172649	22126	Plumber, Hot	
172650	22211	Cold Disc Holder	
172651	22212	Hot Disc Holder	
162949	22910-CP	Sleeve for Dial Plate	
153611	23023BC	Valve Stem, CW Close Bright Chrome	
153119	23058-BC	Valve Stem, CCW Close	
168591	23063-AU	Lever Handle	
153386	23094	Nut, .25-20UNC-2B	
151344	30253	Check Valve Rebuilding SP	
154165	30297	Flow Rebuilding Kit	
166211	30299	Rebuilding Kit	
167057	30393-RP	Valve, CW Close	
167058	30394-RP	Valve, CCW Close	
157639	31689-CG-CP	Handle, Push, Cold	
153818	32005	Packing- 7/16" I.D. X 3/4" O.D.	
153819	32008	Nut, .625-16UNS-2B	
153817	34190	Valve Spacer	
154166	34230	Spring	
154416	34274	Washer, 29/32 x 1 5/16	
160251	34777	Pressure Regulator Assy	
159530	35311-CP	Lever Handle Assy, Pol Chrome	
136388	40236	Ball-Rod Assembly	
153582	43070BV	Strainer Plate	
168997	500306-G-B11	Doe Touch -Up Paint Kit	
154845	50355-VF	Bonnet	
154844	52478	O-Ring	
159108	534-NA	U/M Install Kit, 1848/1849	
173257	550-NA	U/M Install Kit, 1821/1822	
159433	55164	Nut, .687-20UNS-2A	
161416	577-NA	U/M Install Kit, 1164/1165	
168631	58180-CP	Escutcheon	
162749	591-NA	U/M Install Kit, 1136/1173	
156756	592-NA	U/M Install Kit, 1137/1174	
161743	593-NA	U/M Install Kit, 1834/1835	
156915	71015	O-Ring, 1.174 x 1.03	
181966	7117-NA	Slotted Overflow Pressure Test Seal Kit	
153331	73094	Adapter	
158723	73175	Flexible Shaft	
158724	73177	Drain Rod	
158720	73179	Sleeve	
164075	73203-G	Bezel IR Sensor, Br Chrome	

Parts (Continued)

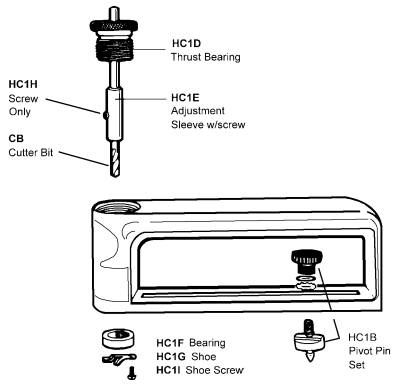
Part #	Mfg #	Description	Price
158722	73404-CP	Tube Assy, Pol Chrome	
158718	73439-CP	Lift Rod, Polished Chrome	
158314	74675-2BZ	Overflow Hood Assy, Oil-Rubbed Bronze	
153434	75610	Bonnet, Bath	
158239	75771-CP	Transfer Valve Cap, Pol Chrome	
151556	76029-BL	Shower, Head Assy	
073775	76704-CP	Bonnet Cap, Pol Chrome	
152934	76713	Screw, 1/4-28 X .25	
157465	77887-VF	Lever Handle Assembly, Polished Brass	
159624	77971-47	Graphic Cover, Almond	
160137	77971-96	Graphic Cover, Biscuit	
159432	78139-2BZ	Handle Assembly Lav/Kit Oil-Rubbed Bronze	
156226	78205-96	Faucet Button, Biscuit	
156120	78205-2bz	Faucet Button, Oil Rubbed Bronze	
158237	78562-58	Grip Ring, Thunder Grey	
151599	78868	Wrench, Aerator	
153015	78925	Hose Guide Assembly	
152208	78969-58	Adapter	
157839	83143	Seal Diaphragm	
152205	84100	O-Ring	
158886	91915	Hardware Kit	
176680	99272-CP	Artifacts Escutcheon, Chrome	
087887	GP1003736-0	Hand-Held Spray with Screen White	
105414	GP1016515	1-Hdl Valve Kit for Evoke, Vinnata, Clairette and Forte	
120573	GP1035350-CP	Premier Drain w/Overflow Pol Chrome	
086238	GP1036940-CP	Spray Head Kit Pol Chrome	
122914	GP1037021-CP	Standard Plunger Assembly	
122915	GP1037022-CP	Plunger Brass Assembly	
151936	GP1043211-VS	Simplice Sprayhead	
122905	GP1077791-0	Fairfax Centerset Plug Buttons White	
122906	GP1077792-0	Fairfax Widespread Plug Buttons White	
121407	GP1083167	Adjustable Fill Valve Kit	
157802	GP1092201	Hose Kit, Ultraglide 2-Hdl Lav Fcts	
152038	GP1092203	Cold Valve Cartridge Assembly	
152039	GP1092204	Hot Valve Cartridge Assembly	

Parts (Continued)

Part #	Mfg #	Description	Price
055368	GP30000	Plug Button Kit	
005943	GP30002	Valve with Plastic Plunger, Closes Clockwise	
005944	GP30004	Valvet with Plastic Plunger, Closes Counterclockwise	
055128	GP30090	Niedecken Repair Kit	
055316	GP30100	Plunger Service Kit	
056078	GP30320	Pressure Balance Adapter Kit - Plastic	
055311	GP30413	Valve Lavatory & Shower	
055353	GP30416	Knob Handle Kit	
072769	GP30420	O-Ring Seal Kit	
101598	GP41398-CP	Pol Chrome Strainer Cup Assembly	
055340	GP43146	Acrylic Handle	
055302	GP500520	Pressure Balancing Unit, Shower	
055305	GP51487	Tank Gasket w/Bolts	
055338	GP71969	Valve Mixer Kit	
056122	GP75878	Diverter Assembly	
055332	GP76671	Coralais Valve, CCW Close	
055339	GP76672	Coralais Valve, CW Close	
055319	GP76851	Mixer Pressure Balance Kit (KGP500520 & KGP77759)	
055293	GP77005RP	1/2" Ceramic Valve, Closes Clockwise (Hot)	
055294	GP77006RP	1/2" Ceramic Valve, Closes Counterclockwise (Cold)	
055301	GP77548	1-Hdl Ceramic Valve for Kitchen/Bathroom Sink Faucets and Wall-Mount Bathroom Sink Faucets	
121052	GP77759	Mixer Cap Kit (Shower)	
055351	GP77886	Mixer Cap Sp Kit	
056127	GP78205-0	Plug Button Fairfax Single Control Faucet, White	
070270	GP78500	Plunger Kit	
055348	GP78825-CP	Hose Kit Pol Chrome	
055367	GP85061	Beehive Strainer	
055303	GP88921	Flush Ball Kit	

Hole Cutter Parts

Hole Cutter Replacement Part



Part #	Mfg #	Description	Price
006379	CB	Malco Bit for HC1 and HC2	
006409	HC1B	Pivot Pinset for HC1	
034909	HC1D	Thrust Bearing w/Adapter	
006410	HC1E	Adjustable Sleeve for HC1	
006411	HC1F	Ball Bearing for HC1	
006412	HC1G	Guide for HC1	
054345	HC1I	Shoe Screw	

McDonnell & Miller Repair Parts

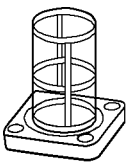
Replacement Parts

Gasket



Part #	Mfg #	Model #	Used With:	Price
007100	302600	CO-12	42,61,63,64, 65,42S	

Strainer Basket Assembly



Part #	Mfg #	Model #	Used With:	Price
007104	347100	SA101-38	47, 51, 101	

Moen Repair Parts

Handle Adapters



100429

Part #	Mfg #	Description	Price
058893	100429	Handle Adapter Kit	

Faucet Cartridges

1-Hdl Faucet Cartridge

- *Brass*
- *Hot/cold operation*
- *Includes:*
  - *Cartridge*
  - *Retainer Clips*
  - *Installation tool*
  - *Installation instructions*



1200 1225

Part #	Mfg #	Description	Price
007169	1200B	For 1200 Faucet, Bulk (12/Pk)	
007173	1225B	For All Moen 1-Hdl Faucets Bulk (12/Pk)	

2-Hdl Faucet Cartridge

- *Brass*
- *Hot/cold operation*



Part #	Mfg #	Description	Price
007172	1224B	For 2-Hdl Moen® Faucets, Bulk (12/Pk)	

Posi-Temp 1-Hdl Faucet Cartridge

- *Brass*
- *Hot/cold operation*



Part #	Mfg #	Description	Price
007171	1222B	For 1-Hdl Posi-Temp Faucets, Bulk (12/Pk)	

Retainer Clip

- *For 1200 & 1225 1-H*



Part #	Mfg #	Description	Price
020119	96365	Carded	

Spout O-Ring Kit



Part #	Mfg #	Description	Price
007167	117	Bulk	

Service Parts

Part #	Mfg #	Description	Price
023939	1862W	Side Spray, Male, Glacier	
036804	93980	Handle Mechanism Kit f/7400/7600 Kitchen Faucet	

Shower Stall Parts



80.400

Part #	Mfg #	Description	Price
007562	80.438	Handle Screw	
007563	80.440	Stem & Bonnet Assembly	
007564	80.441	Renu Seat - Brass	
034313	80.449	Crystal Handle	
034311	80.450	Hot Index Plug	
034312	80.451	Cold Index Plug	
034544	80.454	Stem for 80-400 Shower Valve	
034545	80.455	Renu Seat - Brass	
007569	82.400	1-1/2" PVC Shower Drain	

Navien Repair Parts

Parts & Accessories


O-Ring


Packing O-Ring


Pressure Flow Sensor

Part #	Mfg #	Description	Price
149791	2505401A	CPVC Vent Collar	
127478	30000663A	Air Pressure Sensor, NASS9EX00009	
135435	30000669A	Air Pressure Sensor, NASS9EXOS001	
126626	30004802C	Water Flow Sensor, AASS9EXFS003C	
136813	BH0914002B	Motorized 2-Way Valve	
126593	BH2507399A	3-Way Valve, A-Type Copper	
136814	BH1201041D	Ignition Transformer with Wire	
126589	BH1205008A	Transformer	
126623	BH1303013A	Inlet Filter	
126630	BH1403081A	Thermostat (Black Wire)	
134822	BH2101273B	Remote Wire	
126587	BH2124012A	Fuse, 125V, 5A	
126586	BH2203001A	Black Tube	
126628	BH2406032A	Packing O-Ring, 20"Dia x 2.5"T	
126599	BH2421008A	O-Ring, Gas Black, 19.8"Dia x 2.4"T	
126653	BH2421997A	Black O-Ring	
126602	BH2423052A	O-Ring, White or Blue, 15.8"Dia x 2.4"T	
126600	BH2423053A	O-Ring, Red, 17.8"Dia x 2.4"T	
126654	BH2423055A	O-Ring, Black, 17.5"Dia x 2.7"T	
126603	BH2423064A	O-Ring, Red Water, 15.8"Dia x 2.7"T	
126597	PH1062017A	Back-Up O-Ring	
126588	BH2501679A	NG Flame Rod	
136815	BH2507507A	Water Pipe Adapter, Black	
127841	BCRA1129	Ready-Link Connection Cable	
136820	NAPU9GLPCT01	NP Series Circulation Pump	
136821	NARC1GSNR007	Remote Control	
126591	NASS9EXGPS01	Gas Pressure Flow Sensor	
126625	NCVM9EX00005	Flow Adjustment Valve	
126595	PAPCT1W0725	058 Pump	
126632	PH1799013A	Pipe Adapter	

Reznor Repair Parts

Limit Controls

Part #	Mfg #	Description	Price
008477	45602	(180°F) White Auto Limit Control	
008480	50417	(125°F) White Auto Limit Control	
008481	50418	(145°F) Blue Auto Limit Control	
008497	82091	(160°F) Red Auto Limit Control	
008498	82414	(306°F) ECO Energy Cut-Out Limit Control	
008500	85449	(200°F) Yellow Auto Limit Control	
008524	96512	(220°F) High Temperature Limit Control	
008458	123974	(135°F) Fan Control	
008459	123976	(135°F) Fan Control	
027171	131449	(228°F) ECO Energy Cut-Out Limit Control	
030936	147676	(150°F) Fan Control w/Bracket for XL/CXL/EEXL/CEEXL 30 - 400	
066266	196950	Flame Rollout Manual Reset Limit Switch	
083879	209184	Fan Control Replacement Kit	

Gas Conversion Kits



Part #	Mfg #	Description	Price
008536	99244	LP Conversion Kit for F/FE-50	
063203	201727	LP Conversion Kit for Model UDAP/UDAS Size 30, 45	
063202	201728	LP Conversion Kit for Model UDAP/UDAS Size 60, 75	
066002	201730	LP Conversion Kit for Model UDAP/UDAS Size 150, 175	
066003	201731	LP Conversion Kit for Model UDAP/UDAS Size 200, 250	
066004	201732	LP Conversion Kit for Model UDAP/UDAS Size 300, 400	
073497	205515	LP Conversion Kit	
073498	205516	LP Conversion Kit	
127038	257472	Ignition Conversion Kit (Replaces 97782)	
127637	257473	LP Conversion Kit, Old #G77	

Gas Valves

Part #	Mfg #	Description	Price
008518	96300	1/2" Natural Gas Valve (W/R #36C03-211) Replacement	
008519	96307	1/2" Natural Gas Valve Replacement	
022074	121599	1/2" Single Stage Valve (VR8304M2816)	
027313	147830	1/2" Single Stage Natural Gas Valve (VR8205M1130)	
082010	204301	1/2" Single Stage Natural Gas Valve (VR8205M2955)	
091161	208920	1/2" Single Stage Natural Gas Valve w/Standing Pilot (VR8200M7005)	

Reznor Repair Parts

Motors

Part #	Mfg #	Description	Price
008476	45331	1/40 hp Motor	
021137	45888	1/8 hp Motor	
008485	61069	1/20 hp Motor	
008508	95547	1/20 hp Motor for Model F 130 & 200	
008509	95548	1/30 hp Motor	
008502	88781	1/6 hp Motor	
066238	196241	Fan Motor for UDAP 45 - 60	
066252	196242	Fan Motor for UDAP 75	
066267	196243	Fan Motor for UDAP 100	
066314	196247	115V Fan Motor for UDAP and UDAS 300 - 400	
008507	95546	Fan Motor	
008515	96287	Fan Motor	
008516	96288	1/15 hp Fan Motor	
102121	147571	Fan Motor	
008514	96018	Venter Motor Assembly	
027692	97727	Venter Motor and Wheel Assembly	
037534	97730	115V Venter Motor and Wheel Assembly	
100298	131410	115V Venter Motor with Capacitor	
032944	148053	115V Venter Motor less Capacitor	
033127	148055	115V Venter Blower Motor	
066281	196036	115V Venter Motor for UDAP and UDAS 150 - 175	
130576	196037	115V Venter Motor for UDAP and UDAS 200 - 250	
109924	214066	115V Venter Motor for VR 175/200 with Capacitor	
144784	217032	120V, 60Hz Venter Motor for UDAP (Replaces 175273)	
139008	260422	115V Venter Motor	

Pilots & Components

Part #	Mfg #	Description	Price
008486	61145	Natural Gas Pilot Assy w/ Orifice, High Tension Lead & Flame Probe; less Pilot Tubing & Flame Sensor	
008523	96360	Natural Gas Pilot Assembly with Orifice, Pilot Tubing, & Thermocouple; (for All F Models)	
020439	110853	Natural Gas Spark Pilot Assembly	
066224	175272	DSI Electrode Assembly	

Pressure Switches

Part #	Mfg #	Description	Price
066242	196388	High Altitude Pressure Switch for UDAP-CV, UDAS 100	
062419	196653	Pressure Switch	
091540	205442	0.20"wc Low Speed White Label Pressure Switch	
091216	205443	Low Speed Yellow Label Pressure Switch	
066288	201158	1.10"wc Pressure Switch	

Reznor Repair Parts

Transformers

Part #	Mfg #	Description	Price
008461	131988	120/24V Transformer	
008462	132204	120/24V, 20VA Transformer	
091211	175265	115V, 30VA Control Transformer	
066225	194808	Transformer, 40VA	

Vent Caps



Part #	Mfg #	Description	Price
067827	111849	5" Vent Cap for UDAP 150 - 250	

Parts

Part #	Mfg #	Description	Price
022890	43425	Inducer Blower Wheel (AD326-215-101-2)	
008527	97534	Natural Gas Pilot Assembly	
020436	97535	LP Pilot Assembly with Flame Sensor	
020437	97572	Compression Nut	
020449	97724	Venter Wheel FE130-400	
021456	97725	Venter Wheel FE25-100	
008532	98118	RBM Relay All FE Models	
008534	98697	Flame Rod	
021502	116019	37-1/8" Tubular Section for TR & TR-H Models	
060039	116045	Burner On Light	
091538	120545	Venter Wheel	
020765	121275	Block Vent Switch	
026634	132007	Venter Wheel	
061819	135979	Venter Wheel	
027310	147165	Flame Sensor	
027317	148085	18" Ignition Cable	
066231	195036	Venter Wheel Assembly	
066222	195265	Control Board	
066223	195292	Flame Sensor	
066237	196949	Flame Rollout	
084139	197205	High Altitude Conversion Kit	
067749	201685	3 amp Fuse	
086607	204611	DSI Electrode Assembly for Model VR	
073531	204955	DSI Ignition Control	
123105	257531	UDAP Circuit Board	
133894	259521	Time Delay Relay Kit	
139262	262971	Time Delay Relay Kit	
036781	CC2	Vertical Vent Terminal/Combustion Air Inlet Assembly through Roof for UEAS Model	

Rinnai Repair Parts

Tankless Water Heater Parts & Accessories

PC Board

Part #	Mfg #	Description	Price
074884	U245-500	PC Board for 2532FFU	
141779	U245-500F	PC Board for REU-2532-FFU	

Water Filter Assembly

- *O-Ring, plug & filter*

Part #	Mfg #	For Use with	Price
098970	H98-510-S	Continuum 2424	

Parts

Replacement Part



Pipe Clamp



80400013, 80400014

Part #	Mfg #	Description	Price
114108	104000021	Gas Valve Kit for R75LS & R94LS	
136286	806000019	Gas Valve	
136284	808000020	Draft Inducer	
142945	104000181	Heat Exchanger	
135781	804000013	3-Way Diverter Valve for Q85S & Q130S	
135777	804000014	3-Way Diverter Valve for Q175S & Q205S	
113465	104000011	Electrode Rod Kit	
114110	104000023	Electrode Kit for R75LS & R94LS	
104584	EI-189	Igniter/Sparker	
108019	REU-EZC-1US	EZ Connect Cable (for the R94LS, R75LS, R50LSi, and R98/3237FFU/W Units Only)	
139993	REU-MSB-M	Multi Unit Tankless Water Heater Manifold Electronic Control Kit	
139994	REU-MSB-C1	Cable Connect Ultra/Condensing and Luxury Series	
139995	REU-MSB-C2	Cable for Connecting MSB-M Control Units	
135488	105000068	Igniter/Sparker	
136287	805000026	5 Amp Fuse, 3-Pk	
114112	104000022	Flame Rod Kit for R75LS & R94LS	
136285	805000036	Ignition Electrode and Gasket	
108197	AH66-398-2	Electrode Gasket	
145426	805000033	High Limit Switch	
120655	104000017	Water Flow Servo and Sensor	
145430	805000032	Return & DHW Sensor	
145429	805000034	Water Pressure Sensor	
145428	805000035	Supply Sensor	
145423	805000040	Flue Gas Sensor with Cable	
145427	805000047	Outdoor Reset Sensor	
115221	104000018	Water Flow Control Assembly Kit for V2532	
114107	104000028	Water Flow Control Assembly Kit for R94LSi & R94LSe	

Parts (Continued)

Replacement Part

Part #	Mfg #	Description	Price
114116	104000029	Water Flow Control Assembly Kit for R75LSi & R75LSe	
150390	104000163	Water Servo Valve	
115250	104000019	Fan Assembly Kit for V2532FFU, V2520	
142946	104000198	Bypass-Servo Assembly	
065656	169044	Pipe Clamp 2402	
136282	805000024	MCBA Control Unit	
143828	805000028	MCBA Display	
145424	807000040	120V Pump For Q85 & Q130	
145425	807000041	120V Pump For Q175 & Q205	
114472	AU183-562	Fan Connecting Packing	

Ruud Water Heater Repair Parts

Water Heater Parts



RTG-20040

Part #	Mfg #	Description	Price
109636	RTG-20040	Ez-Link Cable Connects (2) Tankless Gas Water Heaters to Operate As One Unit	
074314	AP12938	42" Aluminum Anode Rod	
063009	SP11309C	44" Resistor Magnesium Anode Rod	
091619	SP8371B	52" Anode Rod w/Resistor Flex	
063007	SP11248R	Dip Tube	
113598	SP6830	Adapt-O-Flange	

Blower Assembly

Part #	Mfg #	Description	Price
100247	AP13416	Blower Assembly for 40/50 gal PowerVent Units	
133976	SP13605	Blower Assembly for 40/50 gal PowerVent Units	

Control

Part #	Mfg #	Description	Price
073493	AP12419	199,000 BTUH Main Control PC Board	
137362	AP14672	LP Electronic Gas Control	
113853	SP20161A	Natural Gas Wiper Control & Gas Valve Assembly for PowerVent 2	
113854	SP20162A	LP Gas Wiper Control & Gas Valve Assembly for PowerVent 2	
120504	SP20170A	Natural Gas FV Wiper Control & Gas Valve Assembly	
120505	SP20170B	Natural Gas FV Wiper Control & Gas Valve Assembly	
101157	SP20123B	FV Wiper Electronics	

Restored Copper Heating Element

Part #	Mfg #	Description	Price
126122	SP10552JH	240V/3000W, 10-5/8" High Watt Density	
063001	SP10552KL	240V/3500W, 13-3/8" Low Watt Density	

Water Heater Parts (Continued)

Restored Copper Heating Element

Part #	Mfg #	Description	Price
078390	SP10552ML	240V/4500W, 13-3/4" Low Watt Density	
063002	SP10552MH	240V/4500W, 13-5/8" High Watt Density	
063000	SP10552PH	240V/5500W, 13-1/2" High Watt Density	
076289	SP10552QH	240V/6000W, 11-3/4" High Watt Density	
062998	SP10874FH	120V/1500W, 7-11/16" High Watt Density	
062997	SP10874GH	120V/2000W, 7-11/16" High Watt Density	
062996	SP10874HH	120V/2500W, 9-7/16" High Watt Density	

Restored Stainless Steel Heating Element

Part #	Mfg #	Description	Price
063486	SP10869ML	240V/4500W, 15-1/2" Low Watt Density	
073434	SP10869MM	240V/4500W, 13-1/2" Medium Watt Density	
063488	SP10869QL	240V/6000W, 19-1/8" Low Watt Density	

Heating Element

Part #	Mfg #	Description	Price
132919	SP213670	Titanium 4500W Lower Heating Element for Marathon Water Heaters	

Heating Element Wrench

Part #	Mfg #	Description	Price
063006	SP35871AB	Element Socket Wrench	

Igniter

Part #	Mfg #	Description	Price
063860	SP10972	Hot Surface Igniter	
108321	SP12143	Igniter for Advantage Plus Comm Water Heaters	
064395	SP12560B	Spark Igniter & Pilot Assembly (LP) for PowerVent 2	
064396	SP12560C	Spark Igniter & Pilot Assembly (LP) for PowerVent 2	
064393	SP12562	High Performance Blower Assembly for PowerVent 2	

Ruud Water Heater Repair Parts

Water Heater Parts (Continued)

Igniter

Part #	Mfg #	Description	Price
100162	SP13447B	Flammable Vapor Sensor/FV Wiper Replacement Kit	
129324	SP14218A	Igniter for PowerVent Units	
109619	SP14218B	Igniter for PowerVent Units	

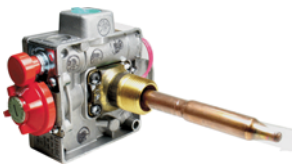
Pilot Assembly

Part #	Mfg #	Description	Price
104045	SP13418	Pilot Assembly - Natural Gas	
117788	SP13422	Pilot Assembly - Natural Gas	

Switch

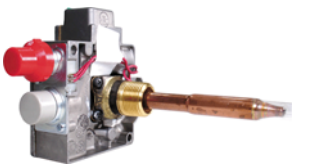
Part #	Mfg #	Description	Price
128923	AP12767	On/Off Switch	
063577	SP11875	Vacuum Switch	
065175	SP12766	Pressure Switch for PowerVent 2	
101155	SP20116	Vacuum Switch for PowerVent	
140234	SP20312	Pressure Switch for PowerVent	

Thermostat



Part #	Mfg #	Description	Price
063004	SP11700	120V Upper Thermostat HWH w/Reset	
063012	SP11695	Lower Thermostat	
063013	SP11698	Upper Thermostat	
063011	SP11699	240V Single Element Thermostat	
063014	SP12258P	Thermostat for 40 & 50 gal VR Models - LP Gas	
063576	SP12390	PowerVent Therm-O-Disc Thermostat	
131662	SP20164	Gas Control Thermostat, Natural Gas for Use with 2LAC9	
135205	SP210245	Standard Upper Thermostat for Marathon Water Heaters	
111142	SP310020	Lower Temperature Control Thermostat - All 240V Marathon Water Heaters	

Robertshaw Thermostat



Part #	Mfg #	Description	Price
063016	SP12258B	LP Gas, 57° - 160° Control Valve with LHMain Burner	

Thermostat Shank

Part #	Mfg #	Description	Price
147598	AP14696A	Thermostat Shank - 1.926	

Thermocouple



Part #	Mfg #	Description	Price
063005	SP6379R	24" Thermocouple	

Valve

Part #	Mfg #	Description	Price
076815	AP12575B-1	3/4" T&P Valve for FVIR Long Shaft	
063423	SP11652B	Natural Gas Valve	
109615	SP13845A	Natural Gas Intelli-Vent Valve for PowerVent Units	
109616	SP13845B	Natural Gas Intelli-Vent Valve for PowerVent Units	
109617	SP13846A	LP Gas Intelli-Vent Valve for PowerVent Units	
109618	SP13846B	LP Gas Intelli-Vent Valve for PowerVent Units	
127436	SP20167C	LP Gas Valve and Thermostat	
129691	SP623336	Vacuum Relief Valve Assembly for Marathon Water Heaters	

Vent Damper

Part #	Mfg #	Description	Price
108929	AP13142	Vent Hood Damper Assembly	
065184	AP13143-1	Vent Hood Damper Assembly	

Ruud Water Heater Repair Parts

Warranty Upgrade

Part #	Mfg #	Description	Price
078740	SP20079	Protection Plus 4-Year Kit	

Flammable Vapor Ignition Resistant (FVIR) Parts

Robertshaw Part



SP20064

Part #	Mfg #	Description	Price
073471	SP20064	Thermocouple Kit	
073470	SP20065	Pilot Assembly - Natural Gas	
082616	SP20075	Pilot Assembly - Natural Gas	
097155	SP20055	Piezo & Pilot Assembly Kit	

White-Rodgers Part

Part #	Mfg #	Description	Price
109602	SP14270G	Gas Valve - Natural Gas	
109603	SP14270H	Gas Valve - Natural Gas	
109607	SP14269A	Gas Valve - LP Gas	
109609	SP14269E	Gas Valve - LP Gas	
109611	SP20127	Pilot Assembly Kit - Natural Gas	
109612	SP20128	Pilot Assembly Kit - LP Gas	

Common Service Part

Part #	Mfg #	Description	Price
082082	SP12112G	Electric Drain Valve	
073962	SP12112S	Brass Drain Valve	
082825	SP8346	Watts 100XL, 3/4", 150 psi, 100,000 BTU Temperature & Pressure Relief Valve	
073469	SP20063	Gasket Kit	

Commercial Water Heater Parts

Part #	Mfg #	Description	Price
069329	AP12231B-1	3/4" NPT Brass Drain Valve	

Commercial Water Heater Parts (Continued)

Part #	Mfg #	Description	Price
144116	AP9013D	130 to 199K Temperature and Pressure Relief Valve	
144117	AP9012B	250 to 400K Temperature and Pressure Relief Valve	
065179	SP10963D	Natural Gas Valve	
073487	SP12145	Gas Valve	
144111	AP14074-3	Temperature Sensor	
144119	AP14092-2	GHE Main Control Harness	
144120	AP14157-3	GHE Blower Control Harness	
144121	AP14158-6	GHE Main Power Harness	
145841	AP14159-5	GHE Gas Valve Harness	
144112	AP14280-1	Exhaust Temperature Flue Sensor	
144115	AP14685-2	Condensate Trap	
144118	AP14758	Display Jumper Harness	
144128	AP14859	Diffuser Nipple	
144124	AP15261	Ground Wire Harness	
144123	AP15294-4	GHE Igniter Cable Harness	
143193	RTG20224A	Commercial Upgrade Chip for RTGH-95DVN Natural Gas	
131528	RTG20216A	Commercial Conversion Kit for RTG-84DVN	
075285	SP12142	ECO/Temperature Probe	
073486	SP12144	Flame Rectification Probe	
073495	SP12189	Combustion Blower	
148468	SP15138	Burner Mounting Flange Gasket	
144109	SP20259	Flame Sensor Rod Kit	
063119	SP5886	Hand Hole Gasket	
073485	SP12140	Pressure Switch	
065181	SP10764B	Pilot Assembly for Natural Gas Units	
073488	SP12136	130,000 BTUH Main Control PC Board	
073489	SP12137	160,000 BTUH Main Control PC Board	
073490	SP12186	199,000 BTUH Main Control PC Board	
073418	AP12015-1	Thermostat & High Limit (Manual Reset)	
065180	SP11798B	High Limit Thermostat	
065178	SP12234B	Commercial Light Duty Gas Thermostat	
084096	SP8293	Therm-O-Disc Upper Thermostat	
073160	SP8295	Therm-O-Disc Lower Thermostat	

Commercial Water Heater Parts (Continued)

Part #	Mfg #	Description	Price
065182	SP10763B(C)	Ignition Control	
073156	SP12143K	110V Ignition Kit for AdvantagePlus Comm Water Heaters	
093329	SP8828D	Ignition Cable	
131606	RTG20210	Horizontal Vent Termination Kit	

Schwank Repair Parts

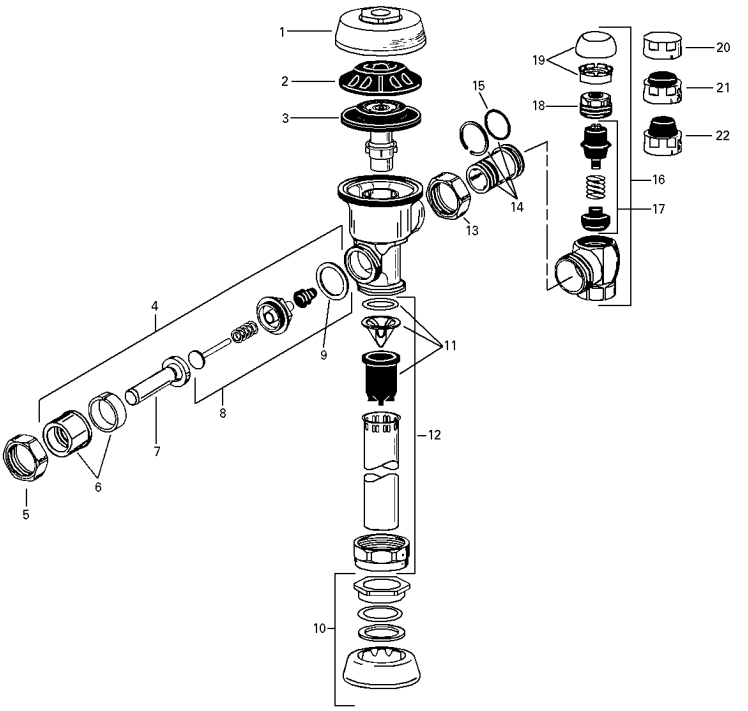
Tube Heater Parts

Part #	Mfg #	Description	Price
129015	JA-0528-XX	4" Horizontal Flue Vent Terminal	
130962	JA-0568-XX	24VAC DSI Control	
134135	JA-0571-KT	DSI Tube Heater Igniter & Gasket	
129442	JA-0775-XX	120/24V, 20VA Transformer	
129441	JL-0703-AA	LP Gas Valve	
147558	JL-0771-XX	1/2" x 24" SS Flexible Gas Connector	
147560	JL-0771-YY	3/4" x 36" SS Flexible Gas Connector	
129016	JL-0772-XX	Dual Scale Line Voltage Thermostat	
129010	JL-0798-SH	1-7/8" 'S' Hook - 25/Pk	
136512	JL-0800-SH	2" Safety Snap Hook - 24/Pk	
129009	JL-0798-JC	50' Box of #8 Jack Chain	
136510	JL-0800-XX	200' Roll of #2 Lion Chain	
130761	JM-0303-KT	24V Transformer/Relay Kit	
129018	JS-0508-SM	90° Aluminum Steel Elbow Kit	
129962	JS-0532-SE	4" Fresh Air Intake Adapter	
129012	JS-0532-VC	4" Outside Air Intake Wall Vent Hood with Birdscreen	
129452	JS-0568-KT	24V Thermostat Control Relay Kit	
129447	JS-0576-AA	Air Proving Switch - .85" WC	
129444	JS-0576-XX	Air Proving Switch - .48" WC	
129445	JS-0576-YY	Air Proving Switch - .30" WC	
129450	JS-0577-SS	Blocked Flue Switch - .58" WC	
129448	JS-0577-ZZ	Blocked Flue Switch - 1.41" WC	
129449	JS-0577-YY	Blocked Flue Switch - .90" WC	
134136	JS-0518-XX	24" High Voltage Ignition Cable	

Sloan Repair Parts

Manual Flushometer Parts

Royal Flushometer Parts



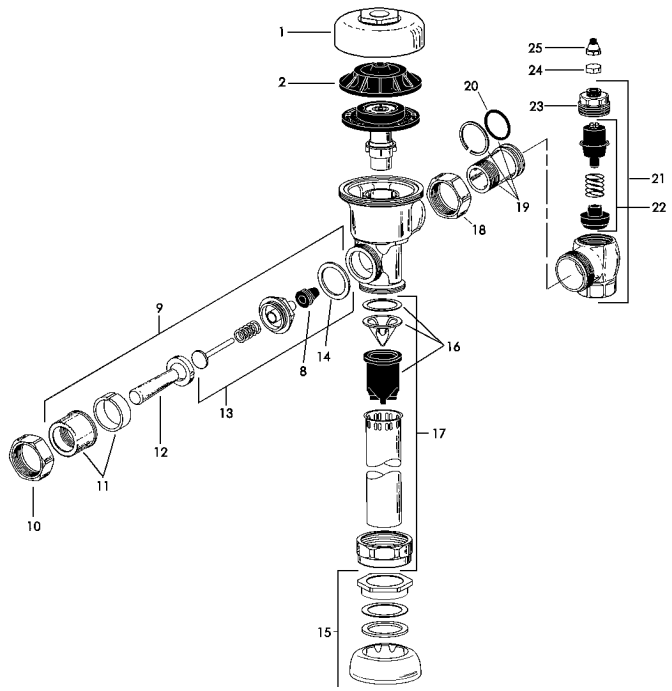
Part #	Mfg #	Model	Ref	Description	Price
083761	3301503	A-1042-A		Repair Kit Royal 1.0 gpf Dual Filter Diaphragm Kit	
010089	0301075	A-11	2	Inside Cover	
036284	3301070	A-1101-A	3-5	Rebuild Kit 1.6 gpf - Closet Exposed	
036283	3301071	A-1102-A	3-6	Rebuild Kit 3.5 gpf - Closet Exposed	
036282	3301074	A-1107-A	3-9	Rebuild Kit 1.0 gpf - Urinal Exposed	
036291	3301075	A-1108-A	3-10	Rebuild Kit 1.5 gpf - Urinal Exposed	
010092	5301188	A-156-A	5	Diaphragm	
010097	5301139	A-31	9	Handle Gasket	
021329	0301082	A-6	5	Handle Coupling, CP	
010107	0301168	A-71	2	Inside Cover	
010108	0301172	A-72	1	Outside Cover, CP	
010112	5302279	B-32-A	4-2	Handle Assembly	
036285	3302306	B-51-A	8	Handle Repair Kit	
010119	0302390	B-73-A	4-1	Handle Assembly	
010137	0306146	F-5-AT	10-3	1-1/2" Spud Coupling, CP	
010138	0306140	F-5-AU	10-2	1-1/4" Spud Coupling, CP	
010136	0306125	F-5-AW	10-1	3/4" Spud Coupling, CP	
020801	3308790	H-1009-A	19-2	3/4" Vandal Resistant Stop Cap For H-700-A	
010148	3308853	H-541-ASD	17-1	1" Screwdriver Stop Repair Kit	
010149	3308856	H-543-ASD	17-2	3/4" Screwdriver Stop Repair Kit	
010150	0308801	H-551-A	14	2-1/16" Tail Assembly, CP	
010152	5308696	H-553	15	O-Ring	
010154	0308848	H-582	20-2	3/4" Cap, CP	

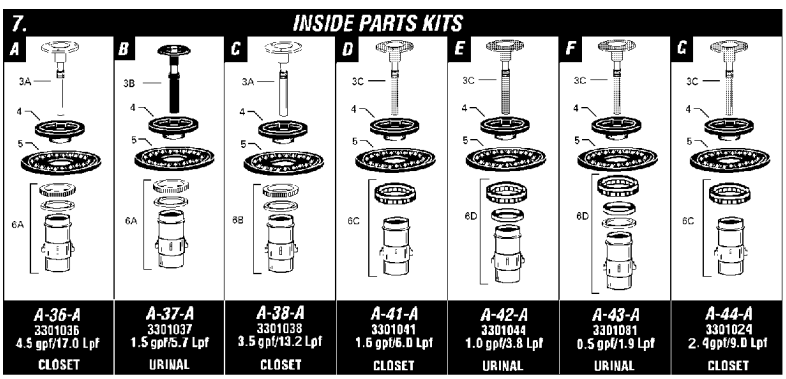
Manual Flushometer Parts (Continued)

Royal Flushometer Parts

Part #	Mfg #	Model	Ref	Description	Price
028922	3308386	H-700-A	16-2	1" Adjustable Screwdriver Stop w/Vandal Resistant Cap #19-2	
036290	3393004	V-600-AA	12-1	3/4" x 9" Vacuum Breaker, CP	
036288	3393006	V-600-AA	12-1	1-1/4" x 9" Vacuum Breaker, CP	
036287	3393007	V-600-AA	12-3	1-1/2" x 9" Vacuum Breaker, CP	
036286	3323182	V-651-A	11	Vacuum Breaker Repair Kit	

Regal Flushometer Parts





Part #	Mfg #	Model	Ref	Description	Price
010091	5301111	A-15-A	4	Molded Disc	
010093	5301189	A-156-AA	4,5,8,14	Diaphragm Repair	
010094	5301236	A-163-A	6A	Guide Assembly for 4.5 gpf Closet & 1.5 gpf Urinal	

Manual Flushometer Parts (Continued)

Regal Flushometer Parts

Part #	Mfg #	Model	Ref	Description	Price
010095	5301058	A-19-AC	3A	Relief Valve Closet	
010096	5301059	A-19-AU	3B	Relief Valve Urinal	
010098	3301036	A-36-A	7A	4.5 gpf Closet Repair Kit	
010099	3301037	A-37-A	7B	1.5 gpf Urinal Repair Kit	
010100	3301038	A-38-A	7C	3.5 gpf Water Saver Repair Kit	
010101	3301041	A-41-A	7D	1.6 gpf Closet Repair Kit LC	
010102	3301044	A-42-A	7E	1.0 gpf Urinal Kit LC	
010113	5302297	B-39	8	Seal	
010115	5302305	B-50-A	13	Handle Repair Kit	
010141	5308156	H-37	24	Cap CP	
010176	5323005	V-500-AA	17-1	3/4" x 9" Vacuum Breaker CP	
010182	5323006	V-500-AA	17-2	1-1/4" x 9" Vacuum Breaker CP	
010178	5323007	V-500-AA	17-3	1-1/2" x 9" Vacuum Breaker CP	

Piston Operated Flushometers

GEM 2® Piston Operated Flushometers



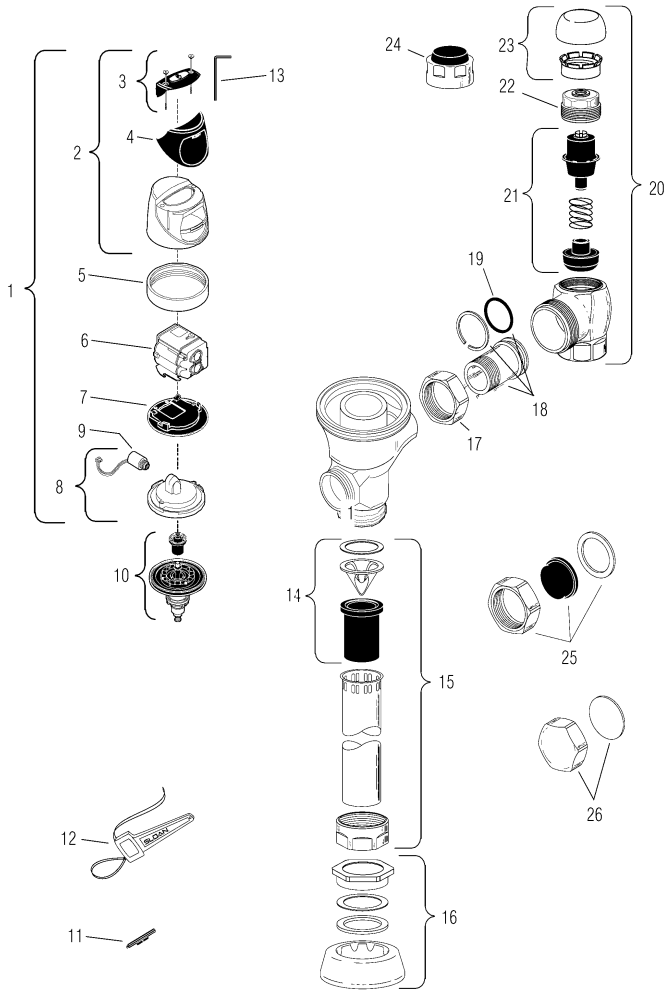
- *Fixed volume piston with filtered O-ring by-pass*
- *ADA Compliant metal oscillating handle*
- *Vandal-resistant stop cap*
- *Adjustable tailpiece*
- *Vacuum breaker flush connection*
- *High copper, low zinc brass castings for dezincification resistance*
- *Non-hold-open handle and no external volume adjustment to ensure water conservation*
- *Handle packing, stop seat and vacuum breaker molded from PERMEX™ rubber compound for chloramine resistance*

GEM 2 Repair Kit

Part #	Mfg #	Model	Description	Price
112656	5307074	G-50-A	Handle Repair Kit, 6/Pk	

Sensor Operated Flushometer Parts

OptimaPlus® Flushometer Parts



Part #	Mfg #	Model	Ref	Description	Price
057970	3301500	EAF-12		Diaphragm Only Kit	
043726	3325815	EBV-1018-A	26	Handle Cap - Decorative	
066898	3325001	EBV-1020-A	10	1.6 Flex Tube Diaphragm Inside Part Kit	
066899	3325000	EBV-1022-A	10	OptimaPlus Repair Kit, 1.0, 1.5 Urinal	
093722	3325450	EBV-129-A-C	6	G2 Electronic Module - Water Closet	
084024	3325451	EBV-129-A-U	6	G2 Electronic Module - Urinal	
100551	0325172	EBV-130-A	3	G2 Override Button Assembly	
080085	3325453	EBV-136-A	9	Isolated Solenoid	
130178	0325160	EBV-138-A	1	G2 Cover/Ring/Sensor Assembly - Water Closet	
085884	3325462	EBV-144-A	9	Isolated Solenoid Operator	
071385	0325176	EBV-146-A-C		G2 Electronic Module Optima 1.6 - Closet	
071242	0325177	EBV-146-A-U		G2 Sensor Module Urinal	
028637	5325813	EBV-18		Quad Ring	

Sensor Operated Flushometer Parts (Continued)

OptimaPlus® Flushometer Parts

Part #	Mfg #	Model	Ref	Description	Price
022200	3325013	EBV-60-A		Metal Cover Assembly with Override Button - Water Closet	
057264	0305118	EL-165-2		Solenoid Coil, 24VAC	
049083	0305165	EL-163-A		Sloan Solenoid Assembly	
010216	3308855	H-541-AA	21	1" Screwdriver Angle Stop Repair Kit	

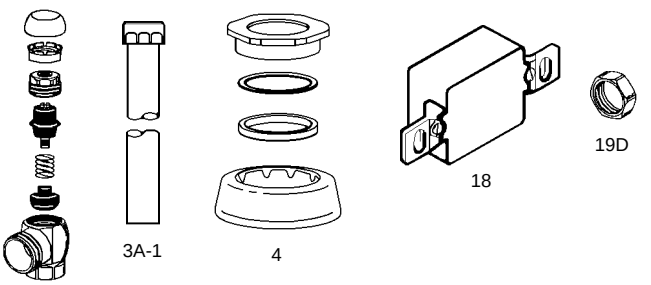
Flush Valve Transformer



Part #	Mfg #	Model	Description	Price
010126	0345154	EL-154	120VAC/24VAC, 50/60Hz (50VA), Box-Mount	

Optima® Flushometer Parts

110/111/115/116/140/152/153 ES-S



Part #	Mfg #	Model	Ref	Description	Price
010125	3305621	EL-1500-L	18	Sensor Repair Kit - Closet	

Optima® Systems Solenoid/Sensor Parts and Assemblies List

Part #	Mfg #	Model	Description	Price
010123	0337086	DO-22	O-Ring	

Showerheads

Act-O-Matic

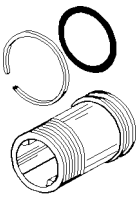


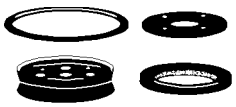
Part #	Mfg #	Model	Description	Price
010088	4020100	AC-11	2.5 gpm Std Self-Cleaning Showerhead, CP	

Sloan Repair Parts

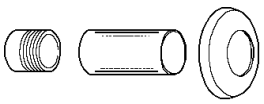
Replacement Parts and Accessories

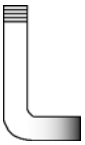

F-5


H551A


S-14-AA


A56AA


H-633-AA, H-634-AA, & H-636-AA


F-109

Part #	Mfg #	Model	Description	Price
023238	3301077	A-1008-A	3/4" Spud Coupling Kit	
029505	3301079	A-1010-A	1-1/2" Spud Coupling Kit	
057971	3301501	A-1038-A	Closet Repair Kit	
032380	0301104	A-175-A	Low Pressure Guide Repair Kit (P-600-EGL)	
045723	0301178	A-19-ALCM	Closet Relief Valve, Brass LC	
010103	0301255	A-50	Super Wrench	
010104	5301170	A-56-A	Segment Diaphragm w/A-29 Copper Gasket	
010105	5301176	A-56-AA	Diaphragm Repair	
010122	3303398	C-70-A	Push Button For Concealed Royal & Crown - Contains #7-11	
032633	3305043	EL-128-A	Actuator Cartridge	
019381	3305620	EL-1500	Urinal Sensor Repair Kit	
028928	0396322	F-109	1-1/2" x 21" x 5" Tubular Bend, CP	
010134	5306055	F-3	3/4" Red Friction Ring	
010133	5306058	F-3	1-1/2" Red Friction Ring	
010135	5306113	F-5	3/4" Slip Joint Gasket	
020802	3308772	H-1010-A	1" Vandal Resistant Stop Cap	
010143	3308277	H-47-AA	Stop Repair Kit	
010146	3308780	H-533-AS	Sweat Solder Kit For 1" Supply Closet & Urinal	
010147	3308786	H-536-A	3/4" Sweat Adapter Kit	
010151	0308803	H-551-A	3-1/16" Long Adjustable Tailpiece, CP	
034119	0308805	H-551-A	4-1/16" Long Adjustable Tailpiece, CP	
016687	5308850	H-584	Screwdriver Control Stop Seat Only For 1" H-540, H-600 & H-700 Series Stop	
043117	3308782	H-633-AA	Sweat Solder Kit 1" w/Cast Set Screw Flange (YBYC)	
111258	3308785	H-634-AA	Sweat Solder Kit 1", CP	
084384	3308788	H-636-AA	Sweat Solder Kit 3/4" w/Cast Set Screw Flange (YBYC)	
010159	0310083	J-212-A	1-1/2" Solid Ring Pipe Support - 5 C/E Complete, CP	
010166	5319046	S-14-A	Molded Cup	
010170	5319086	S-30	1-1/2" Gasket	
010175	3322079	V-101-A	Vacuum Breaker Repair Kit	
010174	5322001	VBF-5	1-1/2" Gasket	

Sloan Repair Parts

Vacuum Breaker



Part #	Mfg #	Model	Description	Price
010185	5323010	V-500-A	1-1/2" x 11-1/2", RB (140 ES-S & 152 ES-S)	
010179	0323014	V-500-AA	1-1/2" x 13-1/2", CP	
010180	0323015	V-500-AA	1-1/2" x 21-1/2", CP	
010181	0323016	V-500-AA	1-1/2" x 24-1/2"	
010183	0323020	V-500-AA	1-1/4" x 21-1/2"	
021735	0323057	V-500-AA	1-1/2" x 32-1/2"	
010184	0323210	V-500-AA	3/4" x 15", CP	

FLUSHMATE® Replacement Parts



BU100505-K



C-100500-K

Part #	Mfg #	Description	Price
080376	B-108288	Duckbill Valve (Air Inducer) Allows Air Into Tank but Not Out	
046465	BL100504-3-K	Lower Supply Kit for 503 & 504 Series	
046464	BU100505-K	Upper Supply Kit for Flushmate Pressurized Tank	
010120	C-100500-K	Flush Cartridge for All Flushmate Series	
046467	RK100100	Replacement Supply System for All Series Except 503 & 504	

Speakman Repair Parts

Speakman® Parts

Part #	Mfg #	Description	Price
068748	RPG05-0520	Vacuum Breaker Hub Repair Kit	

T & S Brass Repair Parts

Handles



- *Chrome-plated zinc handle*
- *B-WH models come with screw, all others, screw is sold separately*

Part #	Mfg #	Description	Price
010415	001636-45	Lever Handle Cold Index	
010416	001637-45	Lever Handle Hot Index	

Swing Nozzles



Part #	Mfg #	Description	Price
044168	062X	12" Swing Nozzle	

Repair Kits



B-9K



B-10K

Part #	Mfg #	Description	Price
061402	B-9K	Lever Handle Kit	
010405	B-10K	Repair Kit for B-0107	
046499	B-21K	Eterna Cartridge Replacement	
107843	B-39K	Brass Rotary Waste Valve Parts Kit	

T&S Brass Parts

Bonnet Assembly



Part #	Mfg #	Description	Price
030182	002856-40	B502 Bonnet Assembly	

Spindle



002711-40



002712-40

Part #	Mfg #	Description	Price
010419	002711-40	Cold Spindle 174A	
010420	002712-40	Hot Spindle 175A	
028123	002713-40	Eterna LH Spindle Assembly	
028124	002714-40	Eterna RH Spindle Assembly	
085560	005960-40	Eterna Spindle Assembly, Hot	
110659	005959-40	Eterna Spindle Assembly, Cold	

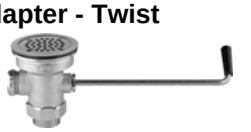
Supply Nipple

- *Brass*



Part #	Mfg #	Description	Price
110214	B-0230-K	Angle Supply Nipple	

Waste Valve with Drain Adapter - Twist



Part #	Mfg #	Description	Price
107844	B-3940	3.0" Sink Opening, 1.5" or 2.0" Drain Outlet	

Washer



Part #	Mfg #	Description	Price
010411	001041-45	Spreader Washer	

Parts & Accessories

Part #	Mfg #	Description	Price
010417	018L	Stem	
010427	067L	Stem	
010426	066L	Removable Insert	
010425	064L	Removable Insert	

Pro-Fit™ Replacement Parts

- *For Bell & Gossett and Armstrong pumps*

Coupler



- *Rugged, cast zinc w/steel reinforced eyelets*
- *Heavy-duty spring*
- *Fits all 1/2" motor shafts*
- *Std Woods 3-J for all 5/8" motor shafts (opt 1/2" inserts included)*

Part #	Mfg #	B&G Part #	Armstrong Part #	Price
079914	COU-ABC-100	118705,189110,118712,118723	806026-001	
079915	COU-D100	118473,118709	810120-003/006,806137-000,807436-000	

Thermolec Repair Parts

Parts & Accessories

Part #	Mfg #	Description	Price
130137	10-02-005	Magnetic B/U, 50A Spade Style Contactor	
130139	10-02-006	CCT-140 SPDT Diverting Valve Pump Relay	
128230	17-02-102	CBLR055 Incoloy Element 5kW, 240V	
121185	17-02-103	CBLR060 Incoloy Element 5.75kW 240V	
130133	17-02-107	CBLR130 Electronic Temperature. Sensor - Supply Water	
110489	17-02-110	CBLR025 Mono Energy Control Board TH-600-M	
130131	17-02-115	CSR113 Solid State Relay SSR-20-DC	
130130	17-02-116	CTR040 Control Transformer 30VA 240/24V	

Triangle Tube Repair Parts

Prestige Parts

Part #	Mfg #	Description	For:	Price
115737	PSSENS01	Outdoor Sensor Kit		
093308	PSSTND01	Floor Stand	PS110, PS175, PS250	
107252	PSSTND02	Wall Kit, Recommended f/Hanging on Anything Other Than a Masonry Wall		
107253	PSSTND03	Floor Stand Kit Use w/PSSTND02 Wall Kit	PE110 & PS399	

Electronic Components

Part #	Mfg #	Description	For:	Price
091015	PSRKIT04	NTC Sensor	PS110, PS175 & PS250	
091016	PSRKIT13	Blower Kit w/Gasket	PS110 & PS175	
091019	PSRKIT19	Transformer with Surge Protection	SOLO 110	
114363	PSRKIT20	Control Module Display	SOLO 110	
118949	PSRKIT50	Control Module	SOLO 110	
120439	PSRKIT55	Blower Kit w/Gasket	PS110	
117640	PSRKIT58	MCBA Control Module Replacement Kit	PE110	
138226	PSRKIT63	NTC3 Domestic Hot Water Sensor	PE110	

Burner Components

Part #	Mfg #	Description	For:	Price
091021	PGRKIT01	Gas Valve Kit	PS110	
091017	PSRKIT15	Igniter w/Gasket	SOLO 110	
120440	PSRKIT41	Gas Valve	SOLO 399	

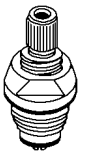
Internal Components

Part #	Mfg #	Description	For:	Price
091020	PGRKIT20	Lwco Pressure Device	SOLO 110	
118581	PSRKIT40	399 Blower with Gasket	SOLO 399	

Union Brass Repair Parts

Parts

Valve Assemblies



80038



80080

Part #	Mfg #	Description	Price
010503	80038	1837AC Cold Valve Assembly	
051376	80080	1839A-C Cold Valve Assembly	

Water Right Repair Parts

Installation Fittings

Part #	Mfg #	Description	Price
126558	CV-3007	1" PVC Male NPT 90° Assembly	
066030	CV-3007-02	1" Brass Sweat Assembly	
066031	CV-3007-03	3/4" Brass Sweat Assembly	
134871	CV-3007-12	3/4" Shark Bite Assembly	
129386	CV-3150	Split Ring	

Replacement Parts

Part #	Mfg #	Description	Price
075129	CH1072-01	18" dia Salt Grid with 4" Hole	
073577	FP-60049	Plastic Bypass Assembly	
074255	CS-1448-RS	35 gal Replacement Membrane for WRO035	

Accessories

Part #	Mfg #	Description	Price
084361	HT-2	Water-Right Service Man Test	
101608	HT-5B	Water-Right Hardness Kit	
113671	FP60066	Brine Valve Water-Right	
148693	CU7002	Water Sample Bottle	
150670	RO12N	1.5# Softener Rust Out	
099934	VA-2	Better Air Gap	

Ruud Heating & AC Repair Parts

Indoor Air Quality

RXGF Exact Fit Media Air Cleaner for Furnaces

- *Exact fit for Rheem, Ruud, and WeatherKing residential furnaces*
- *Available in MERV 10 and MERV 13 options*
- *Includes MERV 10 filter*
- *5-Year limited warranty*



Part #	Mfg #	Nominal Size	CFM	MERV Rating	Cabinet OD H x W x D	Price
124276	RXGF-E17AM10	17"	1,800	MERV 10	17-15/32" x 28-1/2" x 6-3/4"	
124277	RXGF-E21AM10	21"	2,000	MERV 10	21" x 28-1/2" x 6-3/4"	

Electrical

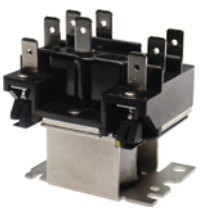
Control Relay

Sealed Case (SPDT) Control Relay



Part #	Mfg #	Contact Bias	Coil Volts	FLA @120V	FLA @230V	LRA @120V	LRA @230V	Price
009290	42-25104-06	NO/NC	24V	14	8	84	48	

Open Coil (DPDT) Control Relay



Part #	Mfg #	Contact Bias	Coil Volts	FLA @120V	FLA @230V	LRA @120V	LRA @230V	Price
027431	42-25106-01	NO/NC (2)	24V	13.8	6.9	82.8	41.4	

Start Relays - Potential Type



Part #	Mfg #	Hot Pickup (V)	Cold Pickup (V)	Dropout (V)	Max Cont Coil Volt (V)	Start Kit Relay Code	Price
041054	42-25105-01	170-180V	162-175V	40-90V	336V	A	

Ruud Heating & AC Repair Parts

Time Delay Relay



Part #	Mfg #	Description	Price
042350	42-ICM102	Time Delay Relay, 18-230VAC Variable .03-10 Minute, Stripped Wire Leads	

Time Delay Relay - On Delay On Break (Anti-Short Cycle)



42-22655-02

Part #	Mfg #	Description	Price
044912	42-22655-02	Fixed 300 Sec Break Time 1/4" Quick Connect	
047231	42-22655-03	Fixed 30 Sec Break Time 1/4" Quick Connect	
042351	42-ICM203	Variable 1.5-600 Sec Break Time 1/4" Quick Connect	

Sequencer

24V Angle Bracket with (2) Mounting Holes Sequencer



Part #	Mfg #	Poles	Sequencing Off	Sequencing On	Switching	Price
050196	42-23116-08	2	10 - 30	30 - 60	DPST NO	
034057	42-23116-06	2	10 - 40/30 - 160	90 - 160/30 - 60	DPST-NO	
052164	42-23116-09	3	10 - 30	90 - 150/30 - 60	TPST NO	

Compressors

R-410 Scroll Compressor

Copeland R-410A Air Conditioning Scroll Compressor - 208/230-1-60

- *Crankcase heater not included*



Part #	Mfg #	Vendor #	Capacity MBTUH	Run Capacitor	Start Capacitor	Start Kit	Kick Start	Crankcase Heater	Price
113737	55-102045-14S	ZP16K5E-PFV	15.5	30/370	88-106/330	SK-A1	42-TO5	44-17402-44	

Compressors (Continued)

R-410 Scroll Compressor

Copeland R-410A Air Conditioning Scroll Compressor - 208/230-1-60

Part #	Mfg #	Vendor #	Capacity MBTUH	Run Capacitor	Start Capacitor	Start Kit	Kick Start	Crankcase Heater	Price
113736	55-102045-01S	ZP21K5E-PFV	21.3	40/370	88-106/330	SK-A1	42-TO5	44-17402-44	
113735	55-102045-02S	ZP21K5E-PFV	21.3	40/370	88-106/330	SK-A1	42-TO5	44-17402-44	
113903	55-102045-31S	ZP24K5E-PFV	24.0	40/370	88-106/330	SK-A1	42-TO5	44-17402-44	
113901	55-102045-03S	ZP31K5E-PFV	31.0	45/370	88-106/330	SK-A1	42-TO5	44-17402-44	
131585	55-102045-17S	ZP38K5E-PFV	37.5	45/370	175-216/330	SK-A3	42-KS1	44-17402-45	
113730	55-102045-09S	ZP42K5E-PFV	42.0	70/370	88-106/330	SK-A1	42-KS1	44-17402-45	
113900	55-102045-26S	ZP51K5E-PFV	51.0	70/370	175-216/330	SK-A3	42-KS1	44-17402-45	
113729	55-102045-13S	ZP54K5E-PFV	54.0	80/370	175-216/330	SK-A3	42-KS1	44-17402-45	

Copeland R-410A 2-Stage Air Conditioning Scroll Compressor - 208/230-1-60

- *Crankcase heater not included*



Part #	Mfg #	Vendor #	Capacity MBTUH	Run Capacitor	Start Capacitor	Start Kit	Kick Start	Crankcase Heater	Price
113927	55-23156-08S	ZPS20K4E-PFV	20.0	35/370	88-108/330	SK-F1	42-T05	44-17402-44	
113926	55-23156-09S	ZPS30K4E-PFV	30.0	40/370	88-108/330	SK-F1	42-T05	44-17402-47	

R-22 Scroll Compressor

Copeland R-22 Air Conditioning Scroll Compressor - 208/230-1

Copeland® brand products



Part #	Mfg #	MBTUH*	Electrical	RLA	Max Dimensions H x W x L	Stub Tube Conn(ID") Dischg, Suc	Mnt Dim W x L	Price
133280	ZR16K5-PFV-800	20.3	208/230-1-60	9.3	15.86" x 9.50" x 9.50"	1/2", 3/4"	7.5" x 7.5"	
061843	55-23155-02S	18.0	208/230-1-60	10.7	14.87" x 9.30" x 9.30"	1/2", 3/4"	7.5" x 7.5"	
133065	ZR21K5-PFV-800	27.5	208/230-1-60	32.9	18.75" x 11.23" x 10.38"	22/25", 1-1/8"	7.5" x 7.5"	
133217	ZR25K5-PFV-800	32.8	208/230-1-60	15	15.86" x 9.50" x 9.50"	1/2", 3/4"	7.5" x 7.5"	
133806	ZR28K5-PFV-800	36.9	208/230-1-60	15.7	15.86" x 9.50" x 9.50"	1/2", 3/4"	7.5" x 7.5"	
134121	ZR32K5-PFV-800	42.6	208/230-1-60	17.1	15.86" x 9.50" x 9.50"	1/2", 3/4"	7.5" x 7.5"	
133281	ZR38K5-PFV-800	48.9	208/230-1-60	21.4	16.94" x 9.59" x 9.56"	1/2", 7/8"	7.5" x 7.5"	
134372	ZR42K5-PFV-800	54.8	208/230-1-60	22.1	16.94" x 9.56" x 9.59"	1/2", 7/8"	7.5" x 7.5"	

Compressors (Continued)

R-22 Scroll Compressor

Copeland R-22 Air Conditioning Scroll Compressor - 208/230-1

Part #	Mfg #	MBTUH*	Electrical	RLA	Max Dimensions H x W x L	Stub Tube Conn(ID") Dischg, Suc	Mnt Dim W x L	Price
141164	ZR54K5-PFV-800	69.7	208/230-1-60	28.2	16.94" x 9.56" x 9.59"	1/2", 7/8"	7.5" x 7.5"	

Copeland R-22 Single Phase Scroll Compressor - 208/230-1-60

- *Crankcase heater not included*



Part #	Mfg #	Vendor #	Capacity MBTUH	Run Capacitor	Start Capacitor	Start Kit	Kick Start	Crankcase Heater	Price
114103	55-100835-15S	ZR36K3-PFV	36.9	50/370	88-108/330	SK-A1	42-KS1	44-17402-45	

Copeland R-22 Scroll Compressor - 3-Phase

- *Includes crankcase heater*

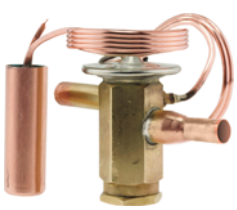
Copeland® brand products



Part #	Mfg #	Vendor #	Capacity MBTUH	Electrical	Crankcase Heater	Price
071724	55-23159-02S	ZR48K3-TF5	49.9	208/230-3-60	44-17402-45	

Refrigerant Valves

Thermal Expansion Valve



Part #	Mfg #	Description	Price
140730	611006	2 Ton R-22 Expansion Valve	
140731	611007	3 Ton R-22 Expansion Valve	
140732	611008	4 Ton R-22 Expansion Valve	
140733	611009	5 Ton R-22 Expansion Valve	
140734	611011	2 Ton R-410A Expansion Valve	
140735	611012	3 Ton R-410A Expansion Valve	
140736	611013	4 Ton R-410A Expansion Valve	

Refrigerant Valves (Continued)

Thermal Expansion Valve

Part #	Mfg #	Description	Price
134296	611064	Thermal Expansion Valve, 3T R-410A To R-22 Conversion	
141976	61-103652-05	TX Expansion Valve R-410A 2 Ton	
131854	61-21922-46	1.5 Ton R-22 TXV Expansion Valve	
105705	61-21922-47	2 Ton R-22 TXV Expansion Valve	
106949	61-21922-48	2.5 Ton R-22 TXV Expansion Valve	
131857	61-21922-50	4 Ton R-22 TXV Expansion Valve	
116721	61-21922-51	5 Ton R-22 TXV Expansion Valve	
105707	61-21922-82	Expansion Valve	
105708	61-21922-83	Expansion Valve	
105709	61-21922-84	Thermal Expansion Valve	
105710	61-21922-85	Thermal Expansion Valve	

Service Valve

- *Front seating valves, isolate sections of a system for servicing and provide a means for refrigerant charging*
- *All brass corrosion resistant body and solid copper fittings*
- *Includes 1/4 Flare SAE charge port; communicates with lower fitting when in closed position*
- *Suitable for R-22 and R-410A, 600 psig maximum working pressure*



Part #	Mfg #	Connect	OPP Connect	OAL	Charge Port Location	Price
085196	61-21368-13	3/8" Sweat ODF	3/8" Sweat ODF	4-5/8"	Side	
101321	61-21368-07	3/4" Sweat ODF	3/4" Sweat ODF	5"	Bottom	
096123	61-21368-15	7/8" Sweat ODF	7/8" Sweat ODF	5"	Side	
083261	61-21368-16	7/8" Sweat ODF	3/4" Sweat ODF	5-1/8"	Side	

Controls

Therm-O-Disc Temperature Limit Control Switch

36T Small Flanged Airstream - Manual Reset

- *120/230V maximum rating, 15/10A maximum current rating*
- *Enclosed disc face*
- *SPST Switching*
- *Normally closed*



Part #	Mfg #	Temp Open	Tolerance Open	Color Code	Mounting Tube	Price
009391	47-22861-02	300°F	+/-14°F	Blue	5/32"	

Ruud Heating & AC Repair Parts

36T Special Small Flanged Airstream - Manual Reset

- *120/230V Max rating, 15/10A Max current rating*
- *Enclosed disc face*
- *SPST Switching*
- *Normally closed*



Part #	Mfg #	Temp Open	Tolerance Open	Color Code	Mounting Tube	Price
103688	47-22861-03	250°F	+/-12°F	--	3/16"	

74T Large Flanged Airstream - Auto Reset

- *230V Max rating, 25A Max current rating*
- *Enclosed disc face*
- *SPST Switching*
- *3/8" Maximum mounting insertion depth*



Part #	Mfg #	Description	Price
141499	47-25115-02	Open Temp: 135°F - 175°F; Close Temp: Open Temp Minus 40°F, 40° Nom Temp Difference	
141500	47-25115-03	Open Temp: 175°F - 215°F; Close Temp: Open Temp Minus 40°F, 40° Nom Temp Difference	

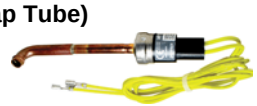
Pressure Control

Low Pressure Control - Auto Reset (Sweat w/o Cap Tube)



Part #	Mfg #	Description	Price
150872	47-101529-09	50 psig Open Pressure 5/16" Sweat Connection, 90° Elbow End	

High Pressure Control - Auto Reset (Sweat w/o Cap Tube)



Part #	Mfg #	Description	Price
113929	47-26184-01	610 psig Open Pressure 420 psig Close, 1/4" Swt Connection, Straight Fitting	

Pressure Control Switch



Part #	Mfg #	Description	Price
081213	42-101225-01	Pressure Control, 035	
091197	42-101233-81	Pressure Control	
091198	42-101443-89	Pressure Control, 0.45" WC	
091199	42-101443-90	Pressure Control, 0.30" WC	
091200	42-101443-91	Pressure Control, 0.60" WC	
091311	42-101444-83	Pressure Control, 1.00" WC	
091438	42-101445-83	Pressure Control, 0.40" WC	
083509	42-101447-07	Pressure Control	
098938	42-101447-86	Pressure Control, 1.80" WC	

Controls (Continued)

Pressure Control

Pressure Control Switch

Part #	Mfg #	Description	Price
107479	42-101447-89	Pressure Control, 1.95" WC	
091542	42-101511-84	Pressure Control	
128891	42-101955-02	Pressure Switch for RGRC034T 074T 105T	
137097	42-101955-08	Pressure Switch for RGRC Drain	
109677	42-101956-09	Pressure Switch for RGRC RGTC Vent	
109679	42-101956-10	Pressure Control, 1.20" WC	
128890	42-101956-12	Pressure Switch for RGRC Vent	
107812	42-102056-01	Dual Pressure Control, -0.80" & -1.30" WC	
112161	42-102056-02	Dual Pressure Control, -0.60" & -1.08" WC	
107814	42-102056-03	Dual Pressure Control, -0.86" & -1.20" WC	
125747	42-102056-05	Dual Pressure Control, -0.40" & -0.60" WC	
107813	42-102056-06	Dual Pressure Control, -0.66" & -1.30" WC	
123676	42-102056-13	Dual Pressure Control, -0.30" & -0.50" WC	
136527	42-102056-22	Dual Pressure Control, -0.40" & -0.30" WC	
145463	42-102056-25	Dual Pressure Control	
145462	42-102056-26	Dual Pressure Control	
145461	42-102056-27	Dual Pressure Control	
145460	42-102056-28	Dual Pressure Control	
127334	42-103193-01	Dual Pressure Control	
089690	42-24194-01	Pressure Switch	
091194	42-24194-82	Pressure Control	
080580	42-24195-03	Pressure Control, for UGRA UGFD 90RS 90RT	
135420	42-24195-81	Pressure Control, 0.50" WC	
080915	42-24196-81	Pressure Control, For UGRA UGFD 90RS	
083251	42-24196-82	Pressure Control	
083259	42-24196-83	Pressure Control	
081061	42-24196-84	Pressure Control	
082670	42-24197-01	Dual Pressure Control, -0.80" & -1.30" WC	
082672	42-24197-03	Dual Pressure Control, -0.86" & -1.20" WC	
082675	42-24197-06	Dual Pressure Control, -0.99" & -1.30" WC	
136978	42-24335-95	Pressure Control	
141506	47-102492-01	Low Pressure Control	
031417	47-21604-03	Pressure Switch	
137364	SP20291	Pressure Switch	
138441	SP20313	Pressure Switch	

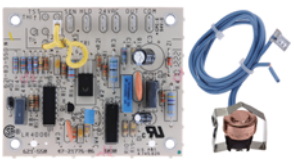
Ruud Heating & AC Repair Parts

Low Ambient Control



Part #	Mfg #	Description	Price
125434	47-102709-02	Ambient Sensor	

Defrost Control



Part #	Mfg #	Description	Price
032874	47-21776-86	24V Defrost Control Time/Temp	

Motors

ECM Motor



Part #	Mfg #	Description	Price
142897	51-102728-05	ECM Outdoor CA330R Motor	
057916	51-24376-01	Variable-Speed 1 hp Direct Drive ECM 48 Frame	
125745	51-24376-24	1 hp ECM Motor	
125750	51-24376-25	1 hp ECM Motor	
137902	51-42534-24	1/3 hp Fan Motor	

OEM Condenser Motor (208/230V)

- *These motors are OEM replacements for Rheem, Ruud, and WeatherKing models; additionally they may be suitable for after market retrofit in many other applications*
- *Single speed, single phase*



Part #	Mfg #	Description	Price
086497	51-100999-02	1/10 hp 825 rpm 208/230V Condenser Motor	
085274	51-100999-03	1/6 hp 1075 rpm 208/230V Condenser Motor	
086548	51-100999-04	1/5 hp 1075 rpm 208/230V Condenser Motor	
086549	51-100998-05	1/3 hp Condenser Motor	
113859	51-100998-13	1/3 hp 1075 rpm 208/230V Condenser Motor	
123683	51-102500-02	Sgl Speed, 1/6 hp 1075 rpm 208/230V CCW 3/370 Capacitor	
105405	51-102500-03	1/6 hp 825 rpm 208/230V Condenser Motor	

Motors (Continued)

OEM Condenser Motor (208/230V)

Part #	Mfg #	Description	Price
105406	51-102500-04	1/5 hp 825 rpm 208/230V Condenser Motor	
113905	51-102500-05	1/10 hp 825 rpm 208/230V Condenser Motor	
099184	51-42179-01	Sgl Speed, 1/3 hp 1075 rpm 208/230-1-60 CCW 10/370 Run Capacitor	
052997	51-42534-01	Sgl Speed, 1/3 hp 1075 rpm 208/220/230-1-50/60 CCW 10/370 Run Capacitor	

Ruud Wholesale Condenser Motor (208/230V)



Part #	Mfg #	Description	Price
009426	51-23055-12	1/5 hp Direct Drive 230V 825 rpm	
009425	51-23055-11	1/5 hp Direct Drive 230V 1075 rpm	

Ruud Wholesale Condenser Motor (460V)



Part #	Mfg #	Description	Price
086789	51-23063-11	Sgl Speed, 1/3 hp 1075 rpm 460-1-60 Reversible 7.5/370 Capacitor	

Condenser Motor



Part #	Mfg #	Description	Price
132537	51-100998-08	1/8 hp Condenser Motor	
125111	51-102728-11	ECM Condenser	
125103	51-102728-12	ECM Condenser Fan Motor	
125112	51-102728-13	ECM Condenser	
125432	51-102870-01	Condenser Fan Motor	
125110	51-102870-03	Condenser Fan Motor	
140687	5464	1/6 - 1/3 hp 825 rpm 208/230V Emerson RESCUE Condenser Motor	

Ruud Heating & AC Repair Parts

TripSaver Condenser Motor



Part #	Mfg #	Description	Price
009424	51-23053-21	1/3 / 1/5 hp Direct Drive 230V 1,075 rpm	

Direct Drive Condenser Motor



Part #	Mfg #	Description	Price
142085	51-101774-04	1/10 hp, 208/230-1-50/60 Condenser Motor	

OEM Indoor Blower Motor



Part #	Mfg #	Capacitor	HP	Volts	Amps	RPM/Speed	Rotation	Price
128889	51-103243-01	15mfd/370V	1/2 hp	120-1-60	8.00A	1,075/4	CCW	
042374	51-23679-01	10mfd/370V	1/2 hp	208/230	2.70A	1,075/3	CW	

Trip Saver Indoor Blower Motor



Part #	Mfg #	Description	Price
009422	51-23022-41	4-Speed 1/6-1/2 hp 1,075 rpm 208/230-1-60 REV 5/370, 7.5/370 or 10.370 Capacitor	

Ruud Heating & AC Repair Parts

Blower Motor



Part #	Mfg #	Description	Price
096152	51-101774-02	1/6 hp Direct Drive Motor	
100478	51-101879-01	1/3 hp 240V X-13 Blower Motor	
094848	51-101880-01	1/2 hp 208/230V 1-Phase X-13 Blower Motor	
113814	51-102497-01	3/4 hp 230V Variable Speed X-13 Blower Motor with Resilient Rotor	
113813	51-102497-02	3/4 hp 230V Variable Speed X-13 Blower Motor	
009418	51-23012-41	1/6 - 1/2 hp 1,075 rpm 120V 4-Speed Reversible Rotation Tripsaver™ Blower Motor	
028318	51-23017-42	1/4 - 3/4 hp 1,075 rpm 120V Indoor Blower Motor	
016108	51-24070-02	1/2 hp Indoor Blower Motor 120V 1,075 rpm	

Motor Mount



Part #	Mfg #	Description	Price
022307	562300109	Blower Motor Mount Kit For 48 Frame	
093274	AE-58384-81	Screw Mounting Kit, 5-5/8" 48 Frame Motors, 16" Nom Blower Mounting Bolt Circle Dia, (4) Arms	
041165	AE-61698-82	Screw Mntg Kit, 5-5/8" 48 Frame Motors, 14-13/16" Nom Blower Mntg Bolt Circle Dia, (4) Arms	
008936	AS-55306-02	Condenser Motor Plate Mount Kit	

Air Movement

Blower Wheel

- *CW Rotating*



Part #	Mfg #	Rotation	Nom Size	Overall Dia x Overall W	Hub	Disc Shape (Hub Side)	# of Blades	Price
009619	70-18631-01	CW	9" x 7"	9-1/2" x 7-1/8"	1/2"	Convex	43	
024572	70-20218-02	CW	10" x 7"	10-5/8" x 7-3/16"	1/2"	Convex	48	
016858	70-18629-01	CW	10" x 10"	10-5/8" x 10-5/8"	1/2"	Concave	48	
051174	70-23110-30	CCW	10" x 10"	10-5/8" x 10-3/4"	1/2"	Concave	48	
030369	70-23111-05	CW	11" x 7"	11-15/16" x 7-1/8"	1/2"	Concave	54	
074404	70-23111-43	CW	11" x 7"	11-15/16" x 7-1/8"	1/2"	Concave	54	
049454	70-24254-02	CW	11" x 7"	11-15/16" x 7-1/8"	1/2"	Convex	54	
009622	70-20602-01	CW	11" x 10"	11-7/8" x 10-11/16"	1/2"	Concave	54	
125744	70-103207-01	CW	12" x 7"	12-7/8" x 7"	1/2"	Convex	43	
050595	70-24119-01	CW	12" x 7"	12-3/4" x 7"	1/2"	Concave	43	

Ruud Heating & AC Repair Parts

Air Movement (Continued)

Blower Wheel

Part #	Mfg #	Rotation	Nom Size	Overall Dia x Overall W	Hub	Disc Shape (Hub Side)	# of Blades	Price
086470	70-24179-01	CW	12" x 11"	12-25/32" x 11-1/8"	1/2"	Convex	43	
019546	70-24041-01	CW	12" x 11"	12-3/4" x 11-1/8"	1/2"	Concave	43	
051179	70-42540-02	Reversible	15" x 15"	15" x 15"	1"	Double Convex	51	

Fan Blade with Integral Hub



2 Blade



3 Blade

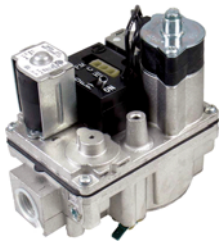
Part #	Mfg #	Diameter	Pitch	Rotation	# of Blades	Price
079832	70-21859-05	18"	28°	CCW	2	
123681	70-102033-05	18"	30°	CCW	3	
071438	70-20607-04	20"	27°	CCW	2	
107473	70-102011-06	20"	29°	CCW	3	
084834	70-21858-06	22"	21°	CCW	2	
009623	70-20608-01	22"	27°	CCW	2	
105796	70-102011-07	22"	35°	CCW	2	
107476	70-102011-09	24"	22°	CCW	2	
024245	70-19897-01	24"	22°	CCW	3	
103769	70-100580-03	24"	22°	CCW	3	
123680	70-102011-03	24"	24°	CCW	2	
084787	70-26166-01	24"	24°	CCW	2	
096139	70-100580-04	24"	28°	CCW	3	
086771	70-23137-01	24"	19°	CCW	2	

Fan Center

Part #	Mfg #	Description	Price
009344	47-19807-04	Fan Centers	

Gas & Oil Heating

Gas Valve



Part #	Mfg #	Description	Price
132343	SP20166A	Gas Valve - Natural Gas	
129359	SP20166B	Gas Valve - Natural Gas	
128611	SP20166C	Gas Valve - Natural Gas	

Ruud Heating & AC Repair Parts

White-Rodgers 36G Gas Valve

- *140,000 BTUH Capacity @ 1"wc pressure drop*
- *Slow opening*

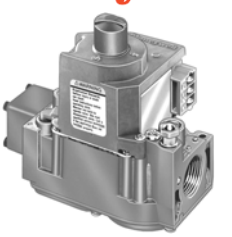


Part #	Mfg #	Description	Price
125567	60-24180-81	36G23-202E91 1/2" NG Hot Surface/Direct Spark 1-Stg 140,000	
143224	60-101921-81	36G55-521 1/2" NG Hot Surface/Direct Spark 2-Stg 140,000 BTUH Capacity	

Honeywell VR8304 Intermittent Pilot Dual Automatic Valve Combo Gas Control

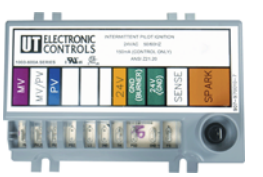
- *For use in 24VAC gas-fired, intermittent pilot with capacities from 30-415 cfh*
- *Includes all standard features plus:*
  - *Controls include 100% safety shut-off, manual valve, two automatic operators, pressure regulator & pilot adjustment*
  - *Standard & slow opening natural gas models include natural to LP gas conversion kits; LP to natural gas conversion kits are also available*
  - *All adjustments, wiring connections & pilot outlets are accessible from the top of control*
  - *Adjustable servo regulator*
  - *Compatible with ECO connector*
  - *On-Off lighting sequence*
  - *Use with S86F,H; S860D; S8600F,H; S8610 & S90A,B Control Modules*
  - *Single stage unless otherwise noted*
  - *Capacities based on 1" p.d. 30,000 BTUH minimum, 300,000 BTUH maximum*

Honeywell



Part #	Mfg #	Description	Price
009498	60-21621-81	VR8304M3101 3/4" NG Pilot 1-Stg 270,000 BTUH Capacity	

Ignition Module



Part #	Mfg #	Description	Price
127446	620044	5059-134 Ignition Module White-Rodgers 24V Intermittent Pilot Ignition	

Flame Sensor



Part #	Mfg #	Description	Price
009582	62-23543-01	Flame Sensor Rod, 2-1/2"L Mnt Flg to Sensor Tip 1-9/16"L Sensor Offset 90° Angle Sensor Offset	
051177	62-23543-02	Flame Sensor Rod, 2-1/16"L Mnt Flg to Sensor Tip 1-13/16"L Sensor Offset 90° Angle Sensor	
128886	62-23543-06	Flame Sensor	

Ruud Heating & AC Repair Parts

Gas & Oil Heating (Continued)

Flame Sensor

Part #	Mfg #	Description	Price
036437	62-24044-71	Non-Integrated w/ Mnt Brackets for Ribbon & Inshot Style Burners & 62-23543-01 Igniter	
141681	SP15129	Flame Sensor with Gasket and Mounting Screw	
144183	SP20172	Flammable Vapor Sensor Kit with Cap Plug	

Induced Draft Blower with Gasket



Part #	Mfg #	Description	Price
109676	70-102691-01	120V 1-Stg Polymeric Inducer Housing Right Side Discharge	
090631	70-101087-81	120V 1-Stg Sheet Metal Inducer Housing Right Side Discharge	
009627	70-21496-83	120V 1-Stg Polymeric Inducer Housing Left Side Discharge	
009632	70-22436-02	Draft Inducer	
024248	70-23641-81	208-230V 1-Stg Sheet Metal Inducer Housing Right Side Discharge	
072199	70-23641-82	380-415V, 460V, 50-60Hz 1-Stg Induced Draft Blower w/Gasket	
009635	70-24033-01	120V 1-Stg Polymeric Inducer Housing Right Side Discharge	
041979	70-24157-03	120V 1-Stg Cast Metal Inducer Housing Right Side Discharge	
027297	70-24206-01	120V 2-Stg Polymeric Inducer Housing Right Side Discharge	

Vent Motor with Blades

- *208/230V, Nominal 3,000 rpm*
- *Includes centrifugal proving switch*
- *Mounting bolt pattern 4-1/4" x 4-1/4"*
- *Includes (3) fan blades (3", 3-1/2" and 4" diameter)*



Part #	Mfg #	Description	Price
009414	51-21964-11	Vent Motor with Blades, 208/230V Nominal 3000 rpm	

Sensors

Remote Sensor for 90 Series®

- *Digital signal output provides superior temperature control, even over long wire runs*
- *No temperature variance caused by wire resistance*
- *Choice of styling, indoor models are interchangeable*
- *Perfect for securing the thermostat in one area or room while sensing temperature in the conditioned space*



F145-1328



F145-1378

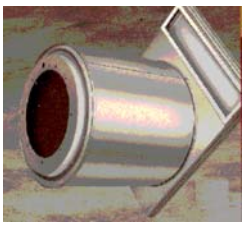
White Rodgers

Part #	Mfg #	Color	Dimensions	Model	Range		Price
102316	F145-1328	Classic White	2-1/8" x 3-1/2" x 3/4"	Indoor	40° to 99°F	All Indoor Remote	
101726	F145-1378	Classic White	2-1/8" x 3-1/2" x 3/4"	Outdoor	-40° to 140°F		

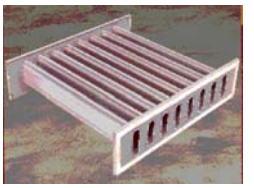
Ruud Heating & AC Repair Parts

Parts & Accessories

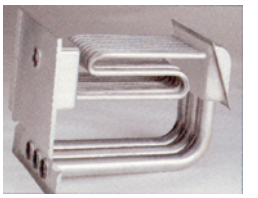
Heat Exchanger



Primary



Secondary



Turbulex

Part #	Mfg #	Description	Price
092267	AS-61805-16	Heat Exchanger Assembly	
083242	AS-61805-17	Heat Exchanger Assembly	
024443	AS-67834-13	Heat Exchanger	
042986	AS-61987-06	Heat Exchanger Assembly	
093422	AS-61849-16	Heat Exchanger	

Vent Termination Kit

- *For gas furnace*



Part #	Mfg #	Description	Price
135776	SP20245	Concentric Vent Termination Kit for 3" PVC	

Condensate Traps, & Accessories

Condensate Trap Assembly

Part #	Mfg #	Description	Price
009615	68-24048-01	Condensate Trap Assembly	
080873	68-100651-01	Trap Assembly for UGRK	

Replacement Parts and Accessories

Part #	Mfg #	Description	Price
008913	AE-58489-81	Air Bypass Kit	
111991	AE-61913-02	Overtemperature Switch Bracket	
116994	SP10698MH	240V/4,500W Heating Element	
145536	SP14410	Piezo Igniter with Bracket	

Gasket Rolls

OEM Neoprene Gasket

- *Suitable for temperature range of -70° to 250°F*
- *Meets UL94HFI and UL94HBF flammability tests*



Part #	Mfg #	Description	Price
059148	68-22079-81	1-1/8"W 25'L 5/16" Thick	

Ruud Heating & AC Repair Parts

Ruud Accessories

RXCT - Expansion Valve Conversion Kit

- *Use to convert RCBA indoor coils to RCGA/RCGJ/RCHA and RCHJ coils*

Part #	Mfg #	Description	Price
132107	RXCT-FBA	R410 Universal TXV Repl Kit	
133834	RXCT-EBA	TXV R22 Universal 2 Ton	
132108	RXCT-FBB	R410 Univ TXV Repl Kit	
132109	RXCT-FBC	Expansion Valve Kit	
132110	RXCT-FBD	TXV Universal Kit	

Controls

Part #	Mfg #	Description	Price
173851	RXAB-A07	High Pressure Control	
173850	RXAC-A07	Low Pressure Control	
130488	RXRZ-C02	Low Ambient Control	

RXGF - Media Air Cleaner

Part #	Mfg #	Outside Dimensions	Price
132422	RXGF-CB	Bottom Mount 24-1/4"W x 28-1/4"L x 3-1/2"H	

RXMG - Label Kit

Part #	Mfg #	Description	Price
105390	RXMG-AU	Ruud Label Kit	
127216	RXMG-AY	WeatherKing Label Kit	

Repair & Replacement Parts

Bearing

Part #	Mfg #	Description	Price
097430	70-41854-02	Ball Bearing With Lock	

1-Stage Draft Inducer Blower

- *115V 1-Speed*
- *For use with Rheem/Ruud gas furnaces models RGRK-07EMAES and UGRK-07EAMES*

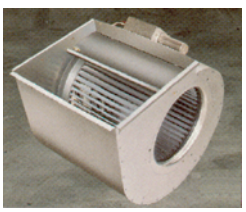
Part #	Mfg #	Description	Price
120707	703020	Draft Inducer Blower	
131722	70-24071-94	Draft Inducer Blower	

2-Stage Draft Inducer Blower

- *115V 2-Speed*
- *For use with Rheem/Ruud gas furnaces models RGRK-07EMAES and UGRK-07EAMES*

Part #	Mfg #	Description	Price
136280	70-100612-03	Draft Inducer Blower	
139895	70-100612-81	Draft Inducer Blower	
139892	70-102691-81	Draft Inducer Blower	
139896	70-102814-81	Draft Inducer Blower	
139894	70-103086-01	Draft Inducer Blower	
145465	70-103597-01	Draft Inducer Blower	

Blower Assembly



Part #	Mfg #	Description	Price
015970	70-22165-81	Blower Assembly	
009631	70-22436-01	Blower Assembly	
137367	AP15109-1	Blower Assembly	
137366	AP15534-1	Blower Assembly	

Blower Parts



Part #	Mfg #	Description	Price
102437	70-42540-04	1" Shaft	

Burner

Part #	Mfg #	Description	Price
052894	512-200-078	Stainless Steel Burner with Pilot Bracket	
035443	75-22840-02	Burner	
061420	AS-60993-03	Burner Halves Assembly	
043357	AS-61984-04	UGRA 1-Pc Burner	
043358	AS-61984-05	UGRA 1-Pc Burner	
043359	AS-61984-06	UGRA 1-Pc Burner	
043360	AS-61984-07	UGRA 1-Pc Burner	
043361	AS-61984-08	UGRA 1-Pc Burner	

Burner Head Kit

Part #	Mfg #	Description	Price
028110	75-24001-01	Burner Head Kit	

Ruud Heating & AC Repair Parts

Burner Support

Part #	Mfg #	Description	Price
111992	AE-61809-15	Burner Support	
111993	AE-61809-16	Burner Support	

Choke

Part #	Mfg #	Description	Price
053006	46-23585-01	Power Factor Choke	
052335	46-24256-02	Power Factor Choke	

Compressor



Part #	Mfg #	Description	Price
131584	55-100835-56S	Compressor	
113734	55-102045-15S	Compressor 14AJL-042 R-410A ZP34K5E-PFV-830 BTU 34,500	
113925	55-23156-10S	40,200 BTUH	

Control Board

Part #	Mfg #	Description	Price
129524	47-100436-02	Control Board for X-13 Motor	
115784	47-102090-02	Control Board for UARL	
131580	47-102090-85	Communicating Control Board	
129219	62-102635-81	Control Board	
110554	62-102636-01	Integrated Furnace Control Board	
133313	62-102860-01	Integrated Control Board	
127527	62-103189-01	Integrated Furnace Control Board	
145473	62-103565-01	Integrated Furnace Control Board	
145475	62-103578-01	Inducer Control Board	
150560	62-23599-05	Integrated Furnace Control Board	
081759	62-24140-04	Integrated Furnace Control Board Direct Spark	
093116	62-24174-02	Modulating Control Board	
082900	62-24268-03	Hot Surface Igniter and Integrated Furnace Control	
115091	62-25338-01	Control Board	

Repair & Replacement Parts (Continued)

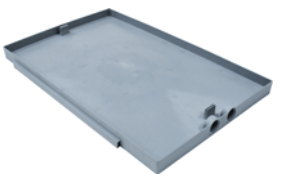
Control Board

Part #	Mfg #	Description	Price
071437	62-42506-02	Integrated Furnace Control Board	

Logic Module

Part #	Mfg #	Description	Price
143968	PD470009	Demand Control Ventilation Economizer Logic Module with Heat Pump Input	

Drain Pan



Part #	Mfg #	Description	Price
141177	68-101805-05	14" 4-Row Drain Pan	
141176	68-101805-06	17" Drain Pan Vertical 6 Row	
125931	AS-58418-02	Drain Pan Assembly	
125027	AS-58418-03	Drain Pan Assembly	
096113	AS-58418-04	Front and Side Drain	

Drain Trap

Part #	Mfg #	Description	Price
125544	791000	Tubing Drain Trap	
125548	791001	Tubing Drain Trap	

Door Switch



42-21268-04

Part #	Mfg #	Description	Price
050499	42-21268-04	Door Switch	
123748	42-22692-06	Push Button Door Switch	
125543	42-22692-09	Door Switch	

Ruud Heating & AC Repair Parts

Fan Control Board



47-22827-83

Part #	Mfg #	Description	Price
009374	47-22445-01	Fan Control Board	
009386	47-22827-83	Fan Control Board	
009378	47-22481-81	Fan Control Board	

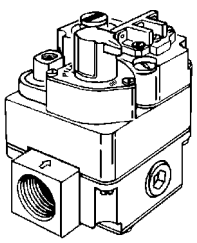
Fan Blade Puller

Part #	Mfg #	Description	Price
149962	UP-1	Fan Blade Blower Wheel Puller	

Filter Core

Part #	Mfg #	Description	Price
149940	83-F48	Filter Core	
149943	83-H48	Filter Core	
149941	83-W48	Filter Core	
149942	83-W100	Filter Core	

Gas Valve



Part #	Mfg #	Description	Price
145471	60-102787-01	Gas Valve	
009499	60-22174-02	Gas Valve	
009501	60-22447-01	Natural Gas Valve	
009506	60-22525-03	Gas Valve	
009507	60-22525-04	Gas Valve	
009508	60-22525-05	Gas Valve	
067321	60-24215-03	Modulating Gas Valve	
127859	60-24394-01	Gas Valve	

Gas Valve Spring Kit

Part #	Mfg #	Description	Price
009490	60-18759-07	Gas Valve Spring Kit	

Heat Cell

Part #	Mfg #	Description	Price
008940	AS-61164-83	Heat Cell - Aluminum	

Ignition Control

Part #	Mfg #	Description	Price
105690	62-100610-02	Ignition Control	
050170	62-21192-84	Ignition Control	
009561	62-22578-01	Ignition Control	
034342	62-24084-82	Ignition Control Board	
086472	62-24181-01	Ignition Control/Direct Spark Ignition	
049521	62-25077-01	Ignition Control	
053123	62-25078-02	Ignition Control	
033177	62-25341-81	Ignition Control	

Igniter

Part #	Mfg #	Description	Price
145476	62-103541-01	Hot Surface Igniter	
009550	62-21747-02	Igniter	
009563	62-22669-92	Igniter	
009574	62-22868-93	Igniter	
051183	62-23556-03	Igniter	
137901	62-23556-08	Direct Spark Igniter	
137712	62-23556-10	Igniter	
119752	62-23556-82	Igniter	
051711	62-24141-04	Direct Spark Ignition (DSI)	
042260	62-24164-01	Direct Spark Ignition (DSI)	
137361	AP14698B	NG Igniter Assembly	
137360	AP14700B	LP Igniter Assembly	
141680	SP15128	NG Igniter with Gasket and Mounting Screws	

Limit Control Switch - Auto Reset - 69T Heat Assisted

- *Normally closed*
- *Exposed disc face*
- *SPST Switch type*



Part #	Mfg #	Description	Price
009388	47-22860-01	95°F Close Temperature Red	
009389	47-22860-02	100°F Close Temperature Blue	

Limit Control Switch - Auto Reset - 36T

- *Enclosed disc face*
- *SPST Switch type*
- *Normally closed*
- *Board mount 90° strap angle*



Part #	Mfg #	Description	Price
009356	47-21711-06	150°F Close Temperature	
009360	47-21711-10	150°F Close Temperature	
034226	47-25349-02	150°F Close Temperature Blue/Blue	
036843	47-25349-03	150°F Close Temperature Yellow/Yellow	
009361	47-21711-11	160°F Close Temperature	
038081	47-25349-01	160°F Close Temperature Red/Red	
038093	47-25349-05	180°F Close Temperature Orange/Orange	
038095	47-25350-07	180°F Close Temperature Green/Green	
034120	47-25350-01	190°F Close Temperature Red/Red	
009354	47-21711-04	200°F Close Temperature	
036657	47-25350-09	200°F Close Temperature Tan/Tan	

Limit Control Switch - Manual Reset - 36T



Part #	Mfg #	Description	Price
009375	47-22453-01	Normally Closed Enclosed Disc Face SPST	
009376	47-22453-02	Normally Closed Enclosed Disc Face SPST	
009390	47-22861-01	Normally Closed Exposed Disc Face SPST	
009393	47-22862-02	Normally Closed Blue Exposed Disc Face SPST	
009395	47-22862-04	Normally Closed Orange Enclosed Disc Face SPST	

Limit Control/Switch

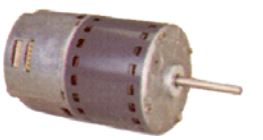
Part #	Mfg #	Description	Price
009351	47-21663-01	Limit Switch	
009367	47-21900-05	Limit Control	
009368	47-21900-06	Limit Control	
009371	47-22383-13	Limit Switch	
026839	47-22383-33	Limit Control	

Repair & Replacement Parts (Continued)

Limit Control/Switch

Part #	Mfg #	Description	Price
009403	47-24006-08	Limit Switch	
059560	47-25350-02	Limit Control	
093621	47-25350-03	Limit Control	
050264	47-25350-04	Limit Control	
085327	47-25350-05	Limit Control	
145464	47-25350-12	Limit Control, 195°F Open	
141504	AS-56192-09	Limit Control, High Pressure	

Motor



Part #	Mfg #	Description	Price
145469	51-102602-01	1/2 hp Communicating Motor	
061734	51-21853-15	Direct Drive	
024237	51-23555-02	Direct Drive Motor	
140684	5460	1/2 - 1/6 hp 1075 rpm 115V Emerson 4-Speed RESCUE Direct Drive Blower Motor	
143484	51-103823-01	1 hp 230V X13 Motor	
124801	51-21898-01	3/4 hp 208-230/1 V 1075 rpm	
038103	51-23102-08	1/2hp Dir Dr 208-230V 825 rpm	
009420	51-23015-91	1/5 hp 120/1/60 1075 rpm 3-Speed	
141494	51-23027-31	Blower Motor 3-Speed 230V 3/4 hp	
145470	51-102605-01	1 hp 120/230V ECM Motor	
125739	51-24374-26	1/2 hp ECM Blower Motor	
127336	21-24374-27	1/2 hp ECM Blower Motor	
125741	51-24374-28	1/2 hp ECM Blower Motor	
052874	51-24376-03	Motor w/ICM Module (Modulating Furnace)	
078007	51-24382-81	1/2 hp ECM Module	
134008	51-102008-08	Condenser Fan Motor	
140686	5462	1/3 - 1/6 hp 1075 rpm 208/230V Emerson 2-Speed RESCUE Condenser Motor	
140689	5470	3/4 - 1/5 hp 1075 rpm 208/230V Emerson 4-Speed RESCUE Condenser Motor	

Ruud Heating & AC Repair Parts

Motor Cable

Part #	Mfg #	Description	Price
009589	63-20879-02	Cable Assembly	

Motor Mounting Kit

Part #	Mfg #	Description	Price
125546	70-24104-82	Motor Mounting Kit	

Orifice

Part #	Mfg #	Description	Price
049438	62-22175-50	Orifice	

Parts

Part #	Mfg #	Description	Price
021617	68-24021-01	Pipe-Outlet Air	
073627	AE-61874-01	AE-61874-01 Solid Bottom	
022627	AE-61874-02	AE-61874-02 Solid Bottom	
022628	AE-61874-03	AE-61874-03 Solid Bottom	
073628	AE-61874-04	AE-61874-04 Solid Bottom	

Pilot

Part #	Mfg #	Description	Price
009572	62-22864-82	Pilot	

Pilot Burner

Part #	Mfg #	Description	Price
038148	62-21609-01	Pilot Burner	

Pilot Orifice

Part #	Mfg #	Description	Price
009543	62-21489-01	Pilot Orifice	
009545	62-21612-02	Pilot Orifice	
009548	62-21743-05	Pilot Orifice	
009552	62-21883-01	Pilot Orifice	

Pilot Safety

Part #	Mfg #	Description	Price
009540	62-21426-02	Pilot Safety	

Pilot Sensor



Part #	Mfg #	Description	Price
009549	62-21744-01	Pilot Sensor	

Relay

Part #	Mfg #	Description	Price
009222	42-18287-12	Ind Draft Relay	

Sensor

Part #	Mfg #	Description	Price
076571	470010	Mixed Air Sensor	
111756	AP13447-3	Vapor Detection Sensor	

Control Relay - Small Sealed Case (SPDT)

Part #	Mfg #	Description	Price
117427	42-23114-06	24V Coil Voltage	

Service Valve



Part #	Mfg #	Description	Price
092122	803003	1/4" OD Service Valve	
092120	803005	3/8" OD Service Valve	
143354	83-CD8403-6PK	3/16" OD Service Valve	

Sheath Heater Kit

Part #	Mfg #	Description	Price
037996	AS-58386-92	Sheath Heater Kit 3.5kW	

Solenoid Assembly

Part #	Mfg #	Description	Price
044160	61-25055-08	24V Solenoid Assembly	

Time Delay Relay

Part #	Mfg #	Description	Price
121707	47-23433-93	Time Delay Relay Kit	

Timer Delay

Part #	Mfg #	Description	Price
092118	42-ICM175	Bypass Timer Delay	

Tubing

Part #	Mfg #	Description	Price
020713	79-21491-83	Silicone Tubing	
034018	79-25353-82	Santoprene Tubing	

Ruud Heating & AC Repair Parts

Vent Damper

Part #	Mfg #	Description	Price
145411	AP15561	Vent Damper	

Vent Transition

Part #	Mfg #	Description	Price
080464	68-24047-10	Vent Transition	

Fittings

Connection/Transition

Part #	Mfg #	Description	Price
025662	68-24047-08	Connection/Transition	
125740	68-103061-01	Connection/Transition Assy	

Trap

Part #	Mfg #	Description	Price
009601	68-22671-01	Trap	
009603	68-22732-01	PVC Trap	
020322	68-24120-01	Horizontal Trap	

Trap Assembly Connector

Part #	Mfg #	Description	Price
022339	68-24047-07	Trap Assembly Connector	
022340	68-24047-09	Trap Assembly Connector	

Ruud Furnaces Accessories

RXGP - Twinning Kit

Part #	Mfg #	Description	Price
138545	RXGP-F03	For Use w/Gas Furnaces for Parallel Operations	

ERV/HRV - Vent Termination Kit

Part #	Mfg #	Description	Price
155994	84-ERVHRV	HEPA Vent Termination	

RXGY - Vent Termination Kit

- *For gas furnace*

Part #	Mfg #	Description	Price
087666	RXGY-G01	Horizontal Vent Termination for 3" PVC	

Ruud Furnaces Accessories (Continued)

RXGY - Vent Termination Kit

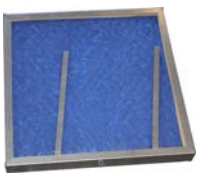
Part #	Mfg #	Description	Price
097398	RXGY-G02	Horizontal Vent Termination for 2" PVC	
158960	RXGY-CK	Downflow/Horizontal Conversion Kit	
155961	RXGY-ZK	Zero Clearance Downflow Conversion Kit	

RXPF - Fossil Fuel Kit



Part #	Mfg #	Description	Price
032692	RXPF-F01	Fossil Fuel Kit - Standard	

RXRY - Filter Kit



Part #	Mfg #	Description	Price
085898	RXRY-B01	For Vertical or Horizontal Discharge in RQKA & RQMA	

Furnace Repair & Replacement Parts

Conversion Kit - NG - LPG

Part #	Mfg #	Description	Price
025489	FP-02	Nat-LP Conversion Kit	
058453	FP-15	Nat-LP Conversion Kit	
100705	FP-21	Nat-LP Conversion Kit	
121685	FP-26	Nat-LP Conversion Kit	
129578	FP-27	Nat-LP Conversion Kit	
074120	60-21193-01	Nat-LP Conversion Kit	
083260	60-22513-03	Nat-LP Conversion Kit	
031641	60-23430-01	Nat-LP Conversion Kit	

Ruud Heating & AC Repair Parts

Motors

Motor Mount - Flex Bracket

- *Torsion flex bracket*



Part #	Mfg #	Description	Price
139342	DMB-3	Fits 5-1/2" Diameter Motors	

Dielectric Union Kits

3000 Series Dielectric Union Gasket Kit

Part #	Mfg #	Model	Size	Price
030973	0881401	GAB KIT	3/4"	
030972	0881402	GAC KIT	1"	
030971	0881403	GAD KIT	1-1/4"	
030970	0881404	GAE KIT	1-1/2"	
030969	0881405	GAF KIT	2"	

Weil McLain Repair Parts

Weil-McLain Boiler Parts & Components

Part #	Mfg.#	Description	For	Price
110792	382-200-449	Conversion Kit, NG, from Cycle Pilot System to Gold control HSI		
011885	382-930-216	10C523 Igniter Kit	VHE, HE II	
076751	383-500-345	Repair Plug Kit		
128037	383-500-603	(5) Ultra U-Control Module Fuses, 3A, Fast-Blow AG	F1	
145731	383-500-604	(5) Ultra U-Control Module Fuses, 12A, Slow-Blow AG	F2	
129778	383-500-622	Heat Exchanger Replacement Kit	230	
129779	383-500-623	Heat Exchanger Replacement Kit	310	
128030	383-600-069	Low Water Cut-Off		
076395	389-900-203	WMCR-3 3 Zone Circulator Control		
045038	389-900-205	6 Zone Circulator Control		
138955	389-900-206	WMZV-4 4 Zone Valve Control		
136985	389-900-220	BCP-3 Hydronic Multi-Stage Boiler Control Panel		
011893	510-218-099	10C034 Tridicator Gauge, 2-1/2" Short Shank	GV, GO, CG Prior to Jan 2000	
101982	510-300-014	210°C Spill Switch with Reset	CG Sect/Base Series 1-12	
127719	510-312-015	High Limit Temperature Control	HE II, HE, VHE	
011899	510-312-166	10C053 Combination 120/24V Transformer-Relay Receptacle	CG, AHE, EGH, HE II, HE, PFG	
116334	510-312-218	Outdoor Temp Sensor		
038133	510-312-250	10C055 Limit Control & 1/2" Well	CG, CGm, EGH, PFG	
021051	510-312-312	10C567 Blower Motor Assembly	HE II, HE	
011904	510-312-317	10C579 Motor Repl Kit	VHE	
011909	510-350-223	10C072 Control Relay, DPST 24V	AHE, CG, EG, EGH, HEII, PFG	
032886	510-811-221	Pilot Assembly NG		
032887	510-811-222	Pilot Assembly Propane		
011913	510-811-362	NG-LP Conversion Kit	CG 25 - 6	
107651	510-811-502	24V Combination Ignition-Sensing Control Module		
022497	510-811-644	Pilot Assembly Kit		
011922	510-811-655	10C528 NG Valve	HE, HEII, VHE	
011923	510-811-656	10C529 Step Open LP Gas Valve	HE, HEII, VHE	
044138	511-044-382	Gas Valve 3/4" x 3/4" NG 10C489		
078890	511-114-479	63m Low Water Cut-off		
078891	511-114-526	w/McLain LWCO 150smd M&M 17180 672619142831		
059929	511-330-081	LP Pilot Burner Assembly		
011934	511-330-095	Ignition Module 10C486	CG, EG, EGH, PFG	
019926	511-330-184	Igniter Only 10C455	HE/VHE	
011943	511-330-186	Pilot Burner Assembly		
011944	511-330-192	Flame Sensor 10C188	HE, VHE	
011945	511-330-197	Pilot Burner	E38-2 24V	
073640	511-330-218	Pin Pilot Burner 10C481	CG	
064739	511-330-221	Pilot Burner Assembly with Ignition Lead and Orifice PSE-NA16		
011947	511-624-510	Switch .95 Pressure Switch 3-5 2, 000'-4, 000' 10C213	HE	
011948	511-624-514	Pressure Switch 51.2 Pressure Switch VHE 2000'-4000' 10C215		
074480	511-724-259	Thermopile for EG-75		
038426	511-724-274	Main Flame Sensor		
011956	512-050-230	Thermal Fuse 10C257	CG, EG, HE, PFG, VHE	
056344	512-200-000	Steel Burner Tube		

Weil McLain Repair Parts

Weil-McLain Boiler Parts & Components (Continued)

Part #	Mfg.#	Description	For	Price
056346	512-200-001	Steel Burner Tube with Bracket		
118676	512-200-035	Burner	HE VHE CGi	
011958	512-200-045	Pilot Burner 10B867		
127431	540-131-052	X100 Sentinel Corrosion Inhibitor Kit		
127432	540-131-053	X100 Sentinel Corrosion Inhibitor Kit		
127433	540-131-054	X100 Sentinel Corrosion Inhibitor Kit		
011968	560-742-860	Pilot Tubing		
020911	590-317-610	Blower Gasket		
015274	590-735-140	1/2" x 100" Glass Rope 10B985		
086820	591-200-000	Cover Plate Gasket/Insulation		
114285	591-706-200	Heat Exchanger Cleaning Tool		
011981	591-706-214	Flue Brush 11B146		
011985	592-800-011	2" Square Cut Seal		
127434	592-900-002	Sentinel X-100 Corrosion Inhibitor Concentrate		
127632	592-900-003	X400 Cleaner		
059875	633-900-102	Thermostat with Cover Plate Kit for Plus Water Heaters		
094665	633-900-130	Gold Plus Thermostat Kit		
011986	635-100-010	Kit Thermostat Plus		

Vent Damper

Part #	Mfg.#	Description	Price
019945	381-800-474	4" Vent Damper	
019946	381-800-475	10C081 5" Vent Damper for EG30/35	
019944	381-800-476	6" Damper Assembly CGM,EG	
019947	381-800-477	7" Damper Assembly CGM,EG,PFG	
030770	381-800-478	10C478 8" Vent Damper for EG65/75	

CGa Series Accessories

Part #	Mfg.#	Description	For	Price
146736	381-357-313	Pilotless Ignition for Natural Gas Boilers	CGa-8	
049683	450-021-245	CGa-7 Draft Hood Vertical		
032392	450-021-246	CGa-8 Draft Hood Vertical		
050610	512-200-077	CGa Main Stainless Steel Burner Tube		
065995	512-200-079	CGa Stainless Steel Burner with Pilot Bracket LP		

CGi Series Accessories

Part #	Mfg.#	Description	For	Price
058742	511-330-090	Control Module with 10 Second Pre-purge		
064887	510-312-167	Transformer		
059928	511-330-080	Pilot Assembly Kit NG		

Weil McLain Repair Parts

CGm Series Accessories

Part #	Mfg.#	Description	For	Price
041152	511-044-256	NG Valve	CGm 7-8	

CGs Series Accessories

Part #	Mfg.#	Description	For	Price
017582	311-103-818	Intermediate Section Assembly		
059940	381-356-499	Inducer Fan Assembly Kit		

CGt Series Accessories

Part #	Mfg.#	Description	For	Price
112055	380-000-000	Combination Pressure-Temperature Gauge Kit, 60° - 360°F	CGt Series	

PFG Series Accessories

Part #	Mfg.#	Description	For	Price
011912	510-512-337	Vent Damper Motor Operator		
024710	511-044-287	NG Control Valve, 1" x 1" NPT	PFG	

Ultra Series Accessories

Part #	Mfg.#	Description	For	Price
109058	383-500-021	Time Delay/Relay Box		
066027	383-500-025	Gas Valve Kit	Ultra 155	
066028	383-500-030	Gas Valve/Venturi Kit	Ultra 230	
066022	383-500-035	Blower Assembly	Ultra 155	
066024	383-500-040	Blower Assembly	Ultra 230	
066039	383-500-045	Ignition Electrode Kit	Ultra 80 & 105	
066042	383-500-055	Flue Temperature Sensor Replacement Kit		
066040	383-500-085	Burner Replacement Kit	Ultra 155	
130501	383-500-095	Watts #330 300 psi Pressure Relief Valve, ASME		
120566	383-500-105	3" Vent Termination Bird Screen	Ultra 80, 105, & 155	
105545	383-500-110	4" Vent Termination Bird Screen	Ultra 230 & 310	
066021	383-500-125	Outdoor Temperature Sensor		
066016	383-500-190	Ultra Control Module	Ultra 80, 105, 155, & 233	
066017	383-500-195	115VAC / 24VAC, 50-60Hz, 50 VA Honeywell Transformer		
066020	383-500-200	Honeywell Display Board & Bracket Assembly		
093857	383-500-210	Pressure/Temperature Gauge Assembly		
143606	383-500-235	5 Amp Fast-Blow Fuses	Circulator Circuit 5/Pk	
143607	383-500-240	4 Amp Slow-Blow Fuses	24-Volt Circuit 5/Pk	
086818	383-500-250	Cover Plate Gasket/Insulation	Ultra 155, 230, & 310	
086819	383-500-255	Cover Plate Gasket	Ultra 155, 230, & 310	
074417	383-500-360	Blower Assembly Kit	Ultra 310	
074418	383-500-390	Gas Valve/Venturi Kit	Ultra 310	
133205	383-500-395	Cover Plate Replacement Kit	Ultra 155 & 230	
116337	383-500-408	Display Board/Bracket Assembly	Ultra 155/230	
121565	383-500-600	Flue Temperature Sensor Replacement Kit		
116333	383-500-601	System Temperature Sensors		

Weil-McLain Boiler Parts & Components (Continued)

Ultra Series Accessories

Part #	Mfg.#	Description	For	Price
116331	383-500-602	Return/Supply Sensor Kit, (1) Sensor		
120435	383-500-605	Maintenance Kit	Ultra 80 and 105	
129775	383-500-614	Heat Exchanger Replacement Kit	Ultra 105	
120436	383-500-620	Maintenance Kit	Ultra 155, 230, 299, & 399	
129776	383-500-621	Heat Exchanger Kit	Ultra 155	
120152	383-500-628	120V/24V Transformer		
133206	383-500-630	Pressure/Temperature Gauge Assembly		
130577	383-500-649	Ultra Easy-Up Manifold Kit, 1-1/4" Piping	UG 80 & 105	
133204	383-500-650	Blower Assembly Kit	Ultra 399	
133203	383-500-652	Gas Valve Kit	Ultra 399	
127630	383-500-658	Control Module		
127885	383-500-659	Display Board Assembly		
130578	383-500-661	Ultra Easy-Up Manifold Kit, 1-1/2" Piping	UG 155-399	
074410	383-501-027	Blower Assembly Kit	Ultra 80 & 105	
074411	383-501-029	Gas Valve/Venturi Kit	Ultra 80	
074413	383-501-030	Gas Valve/Venturi Kit	Ultra 105	
125176	511-100-005	LWCO with Harness & Test Button		
090744	511-405-133	Taco 0014 Boiler Circulator, less Flanges	Ultra 155, 230, & 310	
107709	590-317-310	Gasket Cork		

Ultra Commercial Series Accessories

Part #	Mfg.#	Description	For	Price
127629	383-600-065	Watts 174A 80 psi Relief Valve, 3/4" x 3/4", 1,400 mbh Capacity		
143176	383-600-079	Maintenance Kit		

WM97+ Series Accessories

Part #	Mfg.#	Description	For	Price
146863	383-700-113	Igniter, Gasket and Screw	WM97+ 70 & 110	
146859	383-700-139	Ignition Control	WM97+ 70 & 110	
146870	383-700-157	Piping Assembly Blower & Clip	WM97+ 70 & 110	
146871	383-700-159	Piping Assembly Gas Valve	WM97+ 70	
146872	383-700-160	Piping Assembly Gas Valve	WM97+ 110	
146860	511-724-292	Flue Sensor	WM97+ 70 & 110	
146861	511-724-296	Water Temperature Sensor	WM97+ 70 & 110	
146864	511-802-015	50VA Transformer	WM97+ 70 & 110	

GV Series Accessories

Part #	Mfg.#	Description	For	Price
011874	382-200-325	Burner Replacement Kit	GV4 & GV90+4	
011875	382-200-330	Burner Replacement Kit	GV5 & GV90+5	
011877	382-200-340	Blower Assembly		
011878	382-200-345	Blower Motor Kit 10C380		
011879	382-200-350	Vent 90 10C387		

Weil-McLain Boiler Parts & Components (Continued)

GV Series Accessories

Part #	Mfg.#	Description	For	Price
011881	382-200-375	Switch Kit 10C403	GV90	
011882	382-200-385	Hose Trap Kit		
030451	382-200-410	Boiler Gas Valve 10C399		
065429	382-200-411	Gas Valve Kit GV Series 4		
043582	382-200-448	Ignition Control Module (GV Series 1,2&3) 10C400		
011896	510-312-019	10C411 Limit Control		
050453	510-312-021	Limit Control w/1/2" Well	GV Ser 1, 2, 3 Sect Assy	
011941	511-330-148	Ignition Kit 10C402		
011949	511-624-520	Pressure Switch 10C382	GV	
011955	511-842-370	Transformer 10C401	GV	

EG/EGH Series Accessories

Part #	Mfg.#	Description	For	Price
035079	381-800-677	EG75 SPDN Boiler Water Trim No Tankless Option		
035078	381-800-675	EGH-30 to 65 Water Trim		
011892	510-218-097	10C526 Tridicator, 2-1/2" Long Shank	EG Series 1-4 Section Base Assy	
074482	511-724-255	36" Thermocouple with Spade Terminal Block	EG 75, EGH 85 & 95	
011966	560-528-985	LP Gas Pilot Orifice		
074479	590-850-561	5" Lead Wire	EG 75	

Sentinel Series Accessories

Part #	Mfg #	Description	Price
127435	592-900-005	Sentinel X100 Quik Test Kit	

Ultra Oil Accessories

Part #	Mfg #	Description	Price
066035	383-500-300	Water Temperature Sensor Kit	
066012	389-900-180	Wall Mount Kit	

Westinghouse/Philco Repair Parts

Blower Wheels

Part #	Mfg #	Description	Price
119974	667207	10-3/4" x 10", CW	
119975	667251	10" x 6", CW	
119976	667258R	11" x 8", CCWLE	
119977	667280	11" x 10", CCW	
119979	667374	11" x 8", CW	

Burners

Part #	Mfg #	Description	Price
134174	660921	Burner L1	
134173	661128	Inshot Burner G7T	

Capacitors

Part #	Mfg #	Description	Price
146433	01-0024	10mfd, 370V Round Capacitor	
119928	622135	15mfd, 370V Round Motor Capacitor	
136994	622545	10mfd, 370V Round Capacitor	

Contactors

Part #	Mfg #	Description	Price
139778	621661	25A, 1-Pole	
139779	621662	35A, 1-Pole	

Control Boards

Part #	Mfg #	Description	Price
133371	904531	Board All Units	
129223	920915	Control Board G7	
130336	920916	Control Board G7	
128774	920920	Board Direct Torque	

Control Modules

Part #	Mfg #	Description	Price
139792	624651	Comfort Alert Module New	
120743	903106	Control Module for G4 G5 G6 Models	

Defrost Boards

Part #	Mfg #	Description	Price
147380	920338	Defrost Board Adaptive	

Door Switches

Part #	Mfg #	Description	Price
119950	632125	Door Switch	

Fan Blades

Part #	Mfg #	Description	Price
139796	667261	Fan Blade	
139797	667318	Fan Blade f/S3QC Series 3 Ton Only	
139784	667319	Fan Blade 2 Blade 24 OD 27p CW 1/2 1200	
139783	667351	Fan Blade 2 Blade 24 OD 25p CW 1/2	
139798	667383	24" CW 3W 20° Fan Blade	

Flame Sensors

Part #	Mfg #	Description	Price
120728	903600	Flame Sensor (old #632396)	

Igniters

Part #	Mfg #	Description	Price
120726	903758	Replacement Igniter Kit	
134164	921074	Igniter Replacement Kit G7/GC2	
119987	904839	Igniter Assembly for G7 (New# Is 921074)	

Limit Controls

Part #	Mfg #	Description	Price
120741	626350	Vent Limit 260°F	
120733	626418	Limit 150/20°F	
120735	626419	Limit 195/20°F	
120736	626425	Limit 210/20°F	
120734	626434	3" Limit 180/20°F	
120749	626435	Limit 220/20°F	
120737	626449	3" Limit 250/20°F	
120744	626461	Vent Limit 160°F	

Westinghouse/Philco Repair Parts

Limit Controls (Continued)

Part #	Mfg #	Description	Price
136184	626522	Main Limit Switch	
119934	626541	Switch Blower Limit G7	
119941	626561	Main Air Limit G7	
119945	626563	Main Air Limit G7	
145504	626598	Main Air Limit SD054, 072	
144772	626599	Limit Switch 1/2d,1s, or 16	
145498	626611	Blower Limit KG7SD	

Lineset Fittings

Part #	Mfg #	Description	Price
131551	664378	Liquid Lineset Fitting	

Motors

Part #	Mfg #	Description	Price
139793	621952	A/C Fan Motor	
139795	621917	Fan Motor for FS3BA048	
139794	621919	PSC K 1/10 6p 1-Spd CWLE Fan Motor	
139788	622018	PSC 1/4 hp CWLE Fan Motor for 15 SEER	
139782	622066	PSC K 1/4 hp CWLE 6p 1-Spd Fan Motor	
139781	622080	1/4 hp CWLE Fan Motor	
139780	622171	.05 hp CWLE 2 Ton Motor	
130637	622264	Blower Motor 1/2hp 3-Spd	
143885	904502	Motor 1/3 3-Spd 115V	
120723	903111	Venter Motor 80% With Gasket	
134163	903962	Venter Motor w/Gasket	
134161	904085	Venter Motor GL1RC	
135437	903404	Inducer Motor	
119983	904796	Inducer Motor G7	
119985	904798	Inducer Motor G7	
119991	904857	Blower Motor G7	
119992	904858	Blower Motor G7	
119993	904859	Blower Motor G7	
119994	904860	Blower Motor G7	
141161	921651	3/4 hp High Efficiency Blower	

Orifices

Part #	Mfg #	Description	Price
149071	664067	Orifice #67	

Orifices (Continued)

Part #	Mfg #	Description	Price
149073	664071	Orifice #71	

Pressure Switches

Part #	Mfg #	Description	Price
120746	632302	Pressure Switch Vent for G6D	
139791	632393	Low Pressure Switch 39" (5CO-20CI) 632393	
120780	632444	Pressure Switch NO 1.75 Close 1.55 Open	
139785	632473	High Pressure Switch	
119953	632484	Sensor Flame G7	
119954	632487	Pressure Switch	
119955	632489	Pressure Switch G7	
119956	632491	Pressure Switch Condensate G7	
119958	632493	Pressure Switch Inducer G7	
119960	632499	Pressure Switch G7	
119961	632514	Pressure Switch G7 Variable Speed Downflow	
119962	632515	Pressure Switch G7 Variable Speed Downflow	
119963	632516	Pressure Switch	
119966	632521	Pressure Switch G7	
134165	632546	Pressure Switch Inducer 1.0 for FG7TC	
134168	632547	Pressure Switch G7 Fixed Condensate	
134166	632548	Pressure Switch	
134167	632550	Pressure Switch G7	
134169	632554	Pressure Switch	
130948	632561	Pressure Switch for Fg7	
130950	632563	Pressure Switch for Fg7	
130951	632565	Pressure Switch for Fg7	
130952	632567	Pressure Switch for Fg7	
130953	632594	Pressure Switch 40 Close .20 Open Long Run for iQ Furnace	
122723	632571	Pressure Switch G7	
134010	632585	Pressure Switch	
145499	632622	Pressure Switch for M7	
145500	632624	Pressure Switch for M7	

Relays

Part #	Mfg #	Description	Price
139790	621931	Relay Blower	

Westinghouse/Philco Repair Parts

Restrictors

Part #	Mfg #	Description	Price
149069	664048	1.5T Restrictor .048	
149070	664056	2T Restrictor .056	
149072	664061	2.5T Restrictor .061	
149074	664076	4T Restrictor .076	

Roll-out Switches

Part #	Mfg #	Description	Price
120731	626343	Switch Roll-out 300f	
119938	626558	Roll-out Switch G7	
119939	626559	Roll-out Switch G7	
119940	626560	Roll-out Switch G7	
145497	626609	Roll-out Switch SD038	
145505	626610	Roll-out Switch SD054,072	

Transformers

Part #	Mfg #	Description	Price
134170	622341	Transformer 40VA/120/24	
134175	622396	Transformer 60 VA for 23 SEER Coil	

Tubing

Part #	Mfg #	Description	Price
119925	263967	High Temperature Tubing 3/16 36" Long	

Valves

Gas Valve

Part #	Mfg #	Description	Price
119930	624652	Gas Valve 2-Stage for TC Tl G7	
130954	624703	Gas Valve for iQ Furnace	
143845	624787	Gas Valve 2-Stage for Fg7	
143844	904081	Gas Valve	
144173	921691	Gas Valve Kit with Harness	

Service Valves

Part #	Mfg #	Description	Price
139777	663862	Valve Liquid 3/8"	
139786	663864	Valve Suction 3/4" for FS5BD18-36	

Valves (Continued)

Service Valves

Part #	Mfg #	Description	Price
133428	663963	Valve Ball 7/8" for FS4BD48-60, FT4B42-6	

TXV Valves

Part #	Mfg #	Description	Price
134244	669681	TXV for C6BAX24	
134245	669682	TXV for C6BAX30	
134246	669683	TXV for C6BAX35 And 36	
134247	669684	TXV for C6BAX42	
134250	669686	TXV for C6BAX60	
134249	669852	TXV R-410A 4.0 Ton	

Parts & Repair

Part #	Mfg #	Description	Price
119951	632261	3 Amp Fuse	
119952	632269	5 Amp Fuse	
119981	664435	Drain Assy Upflow/Inline	
145506	664659	PVC Trap KG7SD	
134162	904573	Inducer for 95% With Gasket	
119986	904799	Blower Kit Inducer G7 Var Sp Downflow	
134073	904945	Repair Kit for G7 2-Stage 90%	
143415	904986	Replacement Parts Kit	
130955	904800	Induced Draft Blower FG7MQ	
131416	920994	Blower Control, Cons CFM, Vs Downflow	

Woodford Repair Parts

Yard Hydrant Repair Parts

Part #	Mfg #	Description	Price
011648	10009	Upper Link for Y34/Y1/Y2	
011649	10011	Reducing Coupling for Y1/Y2/Y34/W34	
011658	10100	Packing Nut for Y1/Y2/Y34/W34	
011659	10101	Packing for Y1/Y2/Y34/W34	
011660	10102	Packing Support Washer for Y1/Y2/Y34/W34	
011662	10104	Brass Rod Stem for Y1/Y2/Y34/W34	
011678	15003	3/4 Head Assembly	

Nozzle

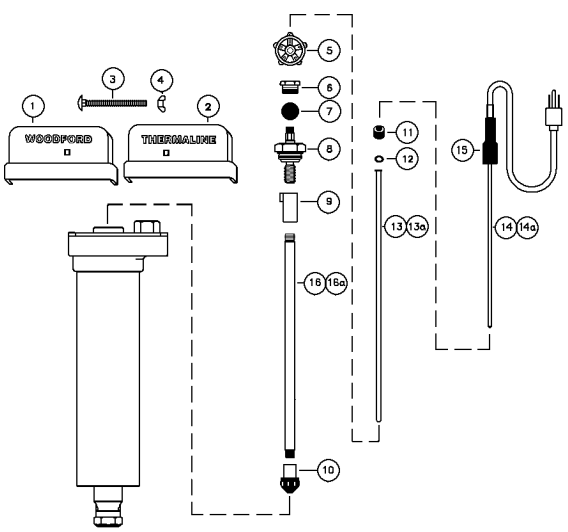
Part #	Mfg #	Description	Price
011646	10004	3/4" Brass Hose Nozzle for Y34/Y1/W34/X34/R34	
098547	55437	Nozzle for 70/71/B71/81	

Plunger

Part #	Mfg #	Description	Price
011663	10105	Plunger for Y30/Y34/Y70/Y95/W34	
011664	10106	Plunger for Y1/Y2	

Thermaline® Repair Parts

Thermaline® Parts



Part #	Mfg #	Description	Price
011747	85015	10 - Combination Valve Ass'y	

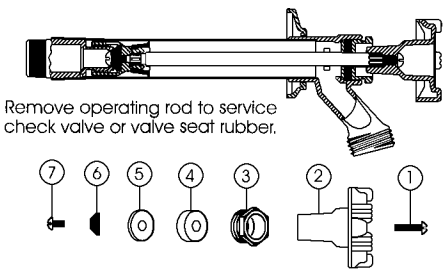
Thermaline® Repair Parts (Continued)

Thermaline® Parts

Part #	Mfg #	Description	Price
011748	85062	14 - 2' Heater Assembly (Includes Item 15)	

Repair Kits

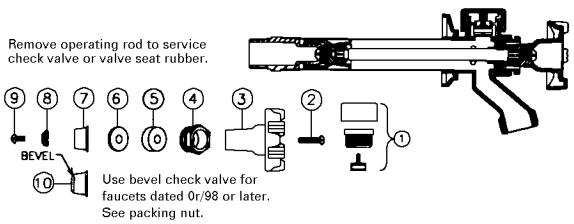
Repair Kit for 14/18 Wall Faucet



Part #	Mfg #	Description	Price
034143	RK14-MH	Repair Kit for 14/18 Includes 1-7, Metal Hdl	

Repair Kit for 17 Wall Faucet

1. 35301 VB Float Kit
2. 30002 Handle Screw
3. 30099 Handle
4. 30059 Packing Nut
5. 30005 Packing
6. 30421 Packing Washer
7. 30418 Check Valve
8. 30008 Valve Seat Rubber
9. 30009 Retainer Screw
10. 30459 Bevel Check Valve

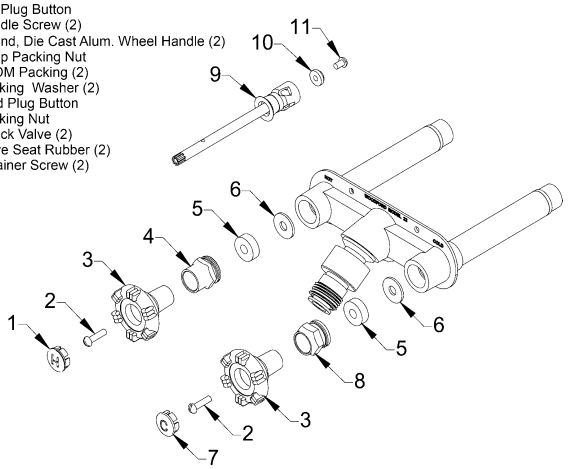


Part #	Mfg #	Description	Price
039455	RK-17MH	Repair Kit for 17 Includes 1-2, 4-10, 30099 Metal Hdl	

Woodford Repair Parts

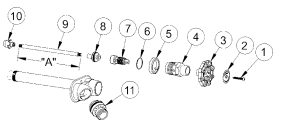
Repair Kit for 22 Wall Faucet

1. 30566 Hot Plug Button
2. 30002 Handle Screw (2)
3. 30096 Round, Die Cast Alum. Wheel Handle (2)
4. 30497 Deep Packing Nut
5. 30560 EPDM Packing (2)
6. 30006 Packing Washer (2)
7. 30565 Cold Plug Button
8. 30059 Packing Nut
9. 30459 Check Valve (2)
10. 30008 Valve Seat Rubber (2)
11. 30009 Retainer Screw (2)



Part #	Mfg #	Description	Price
100876	RK-22MH	Repair Kit for 22 w/Metal Handle	

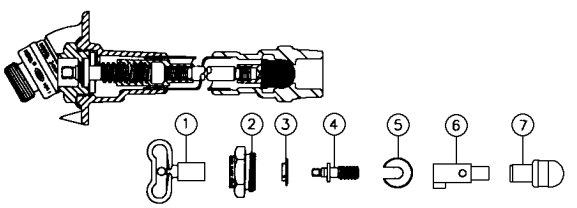
Repair Kit for 25/27H Wall Faucet



Part #	Mfg #	Description	Price
032340	RK-25	Wheel Handle Repair 5/16" Square Shank	

Repair Kit for 65 Wall Hydrant

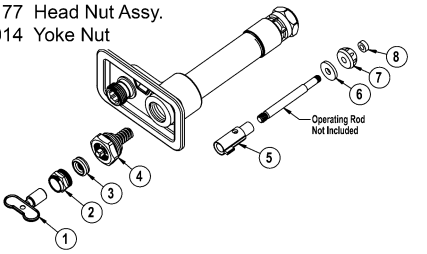
1. 50009 Tee Key
2. 50264 Head Nut
3. 50252 Stem Washer
4. 55062 Stem Screw
5. 50251 "C" Washer
6. 51014 Yoke Nut
7. 50250 Plunger



Part #	Mfg #	Description	Price
043118	RK-65	Chrome Repair Kit for 60/65/67 Includes 1-7	

Repair Kit for 70 Wall Hydrant

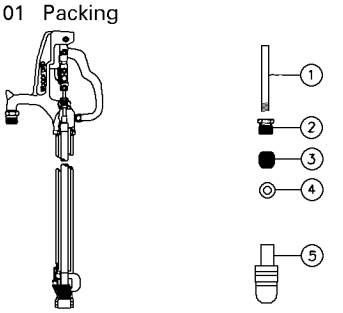
1. 50009 Tee key
2. 30109 Packing Nut
3. 30247 Packing
4. 55177 Head Nut Assy.
5. 51014 Yoke Nut
6. 50027 Support Washer
7. 51013 Ball Valve Rubber
8. 50028 Round Brass Nut



Part #	Mfg #	Description	Price
055079	RK-70	Repair Kit for 70 & Obsolete Models 7/8/80/85/90/95	

Repair Kit for Y34 Yard Hydrant

1. 10104 Rod Stem
2. 10100 Packing Nut
3. 10101 Packing
4. 10102 Support Washer
5. 10105 Plunger



Part #	Mfg #	Description	Price
046472	RK-Y34	Includes 1-5	

Individual Parts



WF-MS

Part #	Mfg #	Description	Price
025786	30109	Chrome Packing Nut	
011710	30230	Plunger Assembly for 25	
011712	30238	Stem Screw Delrin for 25	
011716	35280	Drain Valve Assembly for 20/25/27	
011723	50250	Plunger for All Auto Drain Hydrants	
019019	50251	"C" Washer All Auto Drain Hydrants	
024447	50252	Stem Washer for All Auto Drain Hydrants	
011726	51014	Yoke Nut for All Freezeless Wall Hydrants	

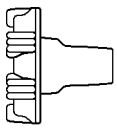
Woodford Repair Parts

Individual Parts (Continued)

Part #	Mfg #	Description	Price
011725	51013	Ball Valve Rubber	
112487	RH-MS	Roof Hydrant Mounting System	
116915	WF-MS	Mounting Sleeve for Models: 14, 16, 17 & 19	

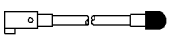
Handle


30096


30099

Part #	Mfg #	Description	Price
054339	30096	14/17 Metal Wheel Handle	
011708	30099	14/17/22 Metal Wheel Handle	
095886	30106	24 Unplated Metal Handle	
011711	30233	24 Brown Lexan Wheel Handle	
022301	30239	25 2" Metal Wheel Handle	

Operating Rod Assembly



Part #	Mfg #	Description	Price
019023	55412	12" Operating Rod Assembly for Auto Drain 14-5/16" OAL)	

Packing



Part #	Mfg #	Description	Price
072390	30512	Packing Nut with Stem Gd for 14/17	
080502	30560	EPDM Packing for 14/17/22	

Rod Assembly

Part #	Mfg #	Description	Price
043133	35722	8" Wall Rod Assembly for 14/ 17/22/V22	
043888	35724	12" Wall Rod Assembly for 14/17/22/V22	

Tee Key


RK-STK

Part #	Mfg #	Description	Price
011719	RK-STK	Tee Key, 1-3/4" Short for 5/16" Square Stem (50009)	
011720	RK-LTK	3-1/4" Long Tee Key for Square Stem (50010)	

Parts & Accessories

Gasket



Part #	Mfg #	Description	Price
052983	267007	Gasket - Case/Cover	

Switch Assembly



004705

Part #	Mfg #	Description	Price
028971	004705	M53/98/72 Switch Assembly "50"	
052675	004892	ASM Rack Pk "50/90"AH	

Fire Safety

AQUASAFE® Looped Fire Safety Systems

Flat Plate Concealed Sprinkler

- *Threads onto stainless steel adapter fitting*
- *Includes protective cap and cup*
- *NSF & UL Approved*



Part #	Mfg #	Description	Price
122574	Q74300BR	RFC43 Bronze 165°F Sprinkler	

Recessed Sprinkler Wrench



Part #	Mfg #	Description	Price
104041	Q7500200	Wrench for Recessed Sprinklers	

ProPEX® LF Brass Fire Sprinkler Adapter

- *Connect residential fire sprinklers to AQUAPEX tubing*
- *NSF & UL Approved for combining plumbing and fire sprinkler systems*



Part #	Mfg #	Description	Price
133923	F7000005	Fire Sprinkler Adapter Push-On Nut, 25-Pack	

Safety Glasses

Nemesis® Safety Glasses

- *Single lens wrap-around*



Part #	Mfg #	Description	Price
146053	G30-011	Clear	
105548	G30-012	Smoke Mirror	
128696	G30-014	Camo/Bronze	

Hellraiser Safety Glasses



Part #	Mfg #	Description	Price
135022	G30-015	Clear	
135023	G30-016	Smoke	

Safety Glasses

Sportster Safety Glasses

- *Curved, wrap-around lenses*
- *Super-light*
- *99% UV-A & UV-B Protection*



Part #	Mfg #	Description	Qty	Price
080260	9200042	Indoor/Outdoor	1 Pair	

Heated Gear

M12™ Cordless Red Heated Jacket Kit

- *(1) M12™ Cordless red heated jacket only (2390)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*



Part #	Mfg #	Description	Price
169063	2391-S	2391-S Red Heated Jacket Kit	
169064	2391-M	2391-M Red Heated Jacket Kit	
169065	2391-L	2391-L Red Heated Jacket Kit	
169066	2391-XL	2391-XL Red Heated Jacket Kit	
169067	2391-2X	2391-2X Red Heated Jacket Kit	
169068	2391-3X	2391-3X Red Heated Jacket Kit	

M12™ Cordless Black Heated Jacket Kit

- *(1) M12™ Cordless black heated jacket only (2394)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*



Part #	Mfg #	Description	Price
169075	2395-S	2395-S Black Heated Jacket Kit	
169076	2395-M	2395-M Black Heated Jacket Kit	
169077	2395-L	2395-L Black Heated Jacket Kit	
169078	2395-XL	2395-XL Black Heated Jacket Kit	
169081	2395-3X	2395-3X Black Heated Jacket Kit	

M12™ Cordless Realtree Xtra® Camo Heated Jacket Kit

- *(1) M12™ Cordless Realtree Xtra® Camo heated jacket Only (2392)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*



Part #	Mfg #	Description	Price
169088	2393-S	2393-S Camo Heated Jacket Kit	
169089	2393-M	2393-M Camo Heated Jacket Kit	
169090	2393-L	2393-L Camo Heated Jacket Kit	
169091	2393-XL	2393-XL Camo Heated Jacket Kit	
169092	2393-2X	2393-2X Camo Heated Jacket Kit	
169093	2393-3X	2393-3X Camo Heated Jacket Kit	

M12™ Cordless Realtree Xtra® Camo 3-in-1 Heated Jacket Kit

- *(1) M12™ Cordless Realtree Xtra® Camo 3-in-1 heated Jacket Only (2386)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*



Part #	Mfg #	Description	Price
169100	2387-S	2387-S Camo 3-IN-1 Jacket Kit	
169101	2387-M	2387-M Camo 3-IN-1 Jacket Kit	
169102	2387-L	2387-L Camo 3-IN-1 Jacket Kit	
169103	2387-XL	2387-XL Camo 3-IN-1 Jacket Kit	
169104	2387-2X	2387-2X Camo 3-IN-1 Jacket Kit	
169105	2387-3X	2387-3X Camo 3-IN-1 Jacket Kit	

Gear

M12™ Cordless High Visibility Heated Jacket Kit

- *(1) M12™ Cordless high visibility heated jacket only (2346)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*



Part #	Mfg #	Description	Price
151819	2347-M	2347-M Hi-Vis Heated Jacket Kit	
151820	2347-L	2347-L Hi-Vis Heated Jacket Kit	
151821	2347-XL	2347-XL Hi-Vis Heated Jacket Kit	
151822	2347-2X	2347-2X Hi-Vis Heated Jacket Kit	
151823	2347-3X	2347-3X Hi-Vis Heated Jacket Kit	
151824	2347-4X	2347-4X Hi-Vis Heated Jacket Kit	

M12™ Cordless Red Heated Jacket Only

- *(1) M12™ Cordless red heated jacket only (2390)*



Part #	Mfg #	Description	Price
169057	2390-S	2390-S Red Heated Jacket Only	
169058	2390-M	2390-M Red Heated Jacket Only	
169059	2390-L	2390-L Red Heated Jacket Only	
169060	2390-XL	2390-XL Red Heated Jacket Only	
169061	2390-2X	2390-2X Red Heated Jacket Only	
169062	2390-3X	2390-3X Red Heated Jacket Only	

M12™ Cordless Black Heated Jacket Only

- *(1) M12™ Cordless black heated jacket only (2394)*



Part #	Mfg #	Description	Price
169069	2394-S	2394-S Black Heated Jacket Only	
169070	2394-M	2394-M Black Heated Jacket Only	
169071	2394-L	2394-L Black Heated Jacket Only	
169072	2394-XL	2394-XL Black Heated Jacket Only	
169073	2394-2X	2394-2X Black Heated Jacket Only	
169074	2394-3X	2394-3X Black Heated Jacket Only	

M12™ Cordless Realtree Xtra® Camo Heated Jacket Only

- *(1) M12™ Cordless Realtree Xtra® Camo heated jacket only (2392)*



Part #	Mfg #	Description	Price
169082	2392-S	2392-S Camo Heated Jacket Only	
169083	2392-M	2392-M Camo Heated Jacket Only	
169084	2392-L	2392-L Camo Heated Jacket Only	
169085	2392-XL	2392-XL Camo Heated Jacket Only	
169086	2392-2X	2392-2X Camo Heated Jacket Only	
169087	2392-3X	2392-3X Camo Heated Jacket Only	

M12™ Cordless Realtree Xtra® Camo 3-in-1 Heated Jacket Only

- *(1) M12™ Cordless Realtree Xtra® Camo 3-in-1 heated jacket only (2386)*



Part #	Mfg #	Description	Price
169094	2386-S	2386-S Camo 3-in-1 Jacket Only	
169095	2386-M	2386-M Camo 3-in-1 Jacket Only	
169096	2386-L	2386-L Camo 3-in-1 Jacket Only	
169097	2386-XL	2386-XL Camo 3-in-1 Jacket Only	
169098	2386-2X	2386-2X Camo 3-in-1 Jacket Only	
169099	2386-3X	2386-3X Camo 3-in-1 Jacket Only	

M12™ Cordless High Visibility Heated Jacket Only

- *(1) M12™ Cordless high visibility heated jacket only (2346)*



Part #	Mfg #	Description	Price
151825	2346-M	2346-M Hi-Vis Heated Jacket Only	
151826	2346-L	2346-LHi-Vis Heated Jacket Only	
151827	2346-XL	2346-XL Hi-Vis Heated Jacket Only	
151828	2346-2X	2346-2X Hi-Vis Heated Jacket Only	
151829	2346-3X	2346-3X Hi-Vis Heated Jacket Only	
151830	2346-4X	2346-4X Hi-Vis Heated Jacket Only	

M12™ Cordless Black Heated Hoodie Kit

- *(1) M12™ Cordless black heated hoodie only (2380)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*



Part #	Mfg #	Description	Price
169014	2381-S	2381-S Black Heated Hoodie Kit	
169015	2381-M	2381-M Black Heated Hoodie Kit	
169016	2381-L	2381-L Black Heated Hoodie Kit	
169017	2381-XL	2381-XL Black Heated Hoodie Kit	
169018	2381-2X	2381-2X Black Heated Hoodie Kit	
169019	2381-3X	2381-3X Black Heated Hoodie Kit	

M12™ Cordless Realtree Xtra® Camo Heated Hoodie Kit

- *(1) M12™ Cordless Realtree Xtra® Camo Heated Hoodie Only (2382)*
- *(1) M12™ REDLITHIUM™ Battery (48-11-2401)*
- *(1) M12™ Lithium-ion Battery Charger (48-59-2401)*
- *(1) M12™ Battery Holder*



Part #	Mfg #	Description	Price
169027	2383-S	2383-S Camo Heated Hoodie Kit	
169029	2383-M	2383-M Camo Heated Hoodie Kit	
169030	2383-L	2383-L Camo Heated Hoodie Kit	
169032	2383-XL	2383-XL Camo Heated Hoodie Kit	
169033	2383-2X	2383-2X Camo Heated Hoodie Kit	
169034	2383-3X	2383-3X Camo Heated Hoodie Kit	

Gear

M12™ Heated Hoodie Kit- Realtree Max-1®

- *(1) M12™ Heated hoodie-Realtree Max-1® (2384)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*



Part #	Mfg #	Description	Price
169042	2385-S	2385-S Max-1® Heated Hoodie Kit	
169043	2385-M	2385-M Max-1® Heated Hoodie Kit	
169053	2385-L	2385-L Max-1® Heated Hoodie Kit	
169054	2385-XL	2385-XL Max-1® Heated Hoodie Kit	
169055	2385-2X	2385-2X Max-1® Heated Hoodie Kit	
169056	2385-3X	2385-3X Max-1® Heated Hoodie Kit	

M12™ Black Heated Hoodie Only

- *(1) M12™ Heated hoodie- black (2380)*
- *(1) M12™ Battery holder*



Part #	Mfg #	Description	Price
169007	2380-S	2380-S Black Heated Hoodie Only	
169009	2380-M	2380-M Black Heated Hoodie Only	
169010	2380-L	2380-L Black Heated Hoodie Only	
169011	2380-XL	2380-XL Black Heated Hoodie Only	
169012	2380-2X	2380-2X Black Heated Hoodie Only	
169013	2380-3X	2380-3X Black Heated Hoodie Only	

M12™ Red Heated Hoodie Only

- *(1) M12™ Red heated hoodie only (2370)*
- *(1) M12™ Battery holder*



Part #	Mfg #	Description	Price
160148	2370-S	2370-S Red Heated Hoodie Only	
160149	2370-M	2370-M Red Heated Hoodie Only	
160150	2370-L	2370-L Red Heated Hoodie Only	
160151	2370-XL	2370-XL Red Heated Hoodie Only	
160152	2370-2X	2370-2X Red Heated Hoodie Only	
160153	2370-3X	2370-3X Red Heated Hoodie Only	

M12™ Realtree Xtra® Heated Hoodie Only

- *(1) M12™ Heated Hoodie Realtree Xtra® (2382)*
- *(1) M12™ Battery Holder*



Part #	Mfg #	Description	Price
169021	2382-S	2382-S Camo Heated Hoodie Only	
169022	2382-M	2382-M Camo Heated Hoodie Only	
169023	2382-L	2382-L Camo Heated Hoodie Only	
169024	2382-XL	2382-XL Camo Heated Hoodie Only	
169026	2382-3X	2382-3X Camo Heated Hoodie Only	

M12™ Realtree Max-1® Heated Hoodie Only

- *(1) M12™ Heated hoodie- Realtree Max-1® (2384)*



Part #	Mfg #	Description	Price
169036	2384-S	2384-S Realtree Max-1® Heated Hoodie Only	
169037	2384-M	2384-M Realtree Max-1® Heated Hoodie Only	
169038	2384-L	2384-L Realtree Max-1® Heated Hoodie Only	
169039	2384-XL	2384-XL Realtree Max-1® Heated Hoodie Only	
169040	2384-2X	2384-2X Realtree Max-1® Heated Hoodie Only	
169041	2384-3X	2384-3X Realtree Max-1® Heated Hoodie Only	

M12™ High Visibility Heated Hoodie Only

- *(1) M12™ High visibilty heated hoodie only (2376)*



Part #	Mfg #	Description	Price
160185	2376-S	2376-S Hi-Vis Heated Hoodie Only	
160186	2376-M	2376-M Hi-Vis Heated Hoodie Only	
160187	2376-L	2376-L Hi-Vis Heated Hoodie Only	
160188	2376-XL	2376-XL Hi-Vis Heated Hoodie Only	
160189	2376-2X	2376-2X Hi-Vis Heated Hoodie Only	
160190	2376-3X	2376-3X Hi-Vis Heated Hoodie Only	

M12™ Cordless Black Heated Hand Warmer Kit

- *(1) M12™ Cordless black heated hand warmer only (2322-20)*
- *(1) M12™ REDLITHIUM™ battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*



Part #	Mfg #	Description	Price
160200	2322-21	2322-21 Black Hand Warmer Kit	
160199	2322-20	2322-20 Black Hand Warmer Only	

M12™ Cordless Realtree Xtra® Camo Heated Hand Warmer Kit

- *(1) M12™ Cordless Realtree Xtra® Camo heated hand warmer kit (2321-21)*
- *(1) M12™ REDLITHIUM battery (48-11-2401)*
- *(1) M12™ Lithium-ion battery charger (48-59-2401)*
- *(1) M12™ Battery holder*



Part #	Mfg #	Description	Price
160198	2321-21	2321-21 Camo Hand Warmer Kit	
160197	2321-20	2321-20 Camo Hand Warmer Only	

Gloves

Journeyman Utility Gloves (K1)

- *Supple, breathable, durable synthetic leather palm*
- *2-Way stretch spandex padded top features form-fitting elasticity*
- *Reinforced thumb, index finger and fingertips add protection*
- *Concealed interior seam stitching prevents snagging*
- *Wide opening elastic cuff*
- *Contact points on index finger and thumb feature smooth surface for improved handling of objects*



Part #	Mfg #	Size	Price
106850	40052	Medium	
106851	40053	Large	
106852	40054	X-Large	

Journeyman™ Heavy-Duty Protection Gloves (K3)

- *Streamlined high-density accordion knuckle panel reduces impact*
- *High profile, impact absorbing molded Thermal Plastic Rubber (TPR) finger protection*
- *Non-slip rubberized Zeus™ Carino® finger and thumb grippers and panel on heel of hand provide grip control and longer wear*
- *Synthetic leather with breathable mesh side insert finger panels*
- *2-Ply synthetic leather palm with anatomically die cut Ethylene Vinyl Acetate (EVA) foam padded impact zones*
- *Thermal Plastic Rubber (TRP) cuff strap with hook and loop closure*
- *Neoprene cuff allows easier access with additional wrist protection and comfort*

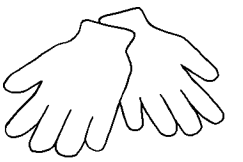


Part #	Mfg #	Size	Price
106857	40063	Large	

Gloves

Disposable Latex Glove

- *Extra large*
- *Reversible*



Part #	Mfg #	Description	Price
060105	390-50177	Heavy-Duty XL-Bulk	

Gloves

Disposable Nitrile Glove

- *Textured fingertips*
- *Powder-free*
- *5 - 6 Mil*
- *100/Box*



Part #	Mfg #	Description	Price
121772	3276L	Large	
133593	3276XL	Extra Large	

X10 Knucklehead Glove

- *Synthetic leather palm*
- *Elastic wrist*
- *High visibility orange*



Part #	Mfg #	Description	Price
148262	21242HOL	Large	
148263	21242HOXL	Extra Large	
148135	21242HOXXL	Extra Extra Large	

Work Wear

Split Cowhide Double Palm Glove

- *Knuckle strap*
- *Wing thumb*
- *Polyethylene safety cuff*



Part #	Mfg #	Description	Price
122046	4503CDPXL	Extra Large	

String Knit Cotton/Polyester Glove

- *Ambidextrous*
- *PVC Dots on both sides*
- *Natural color*



Part #	Mfg #	Description	Price
122623	3825L	Large	

A Grade Gold Deerskin Palm Glove

- *Black stretch back*
- *Velcro closure*
- *Mechanics style*
- *Heatlok lined*



Part #	Mfg #	Description	Price
129331	2150HM	Medium	
129332	2150HXL	Extra Large	
129346	2150HXXL	Extra Extra Large	

High Visibility Terry Lined Yellow Knit No Logo Glove

- *Black rubber palm hides dirt*
- *Precurved design promotes easy flexing*
- *Rubber palm has excellent wear and resistance*
- *Super fit*



Part #	Mfg #	Description	Price
144702	3396HYNL	Large	
144701	3396HYNXL	Extra Large	

High Visibility Yellow Knit Glove

- *Summer version*
- *Black rubber palm hides dirt*
- *Precurved design promotes easy flexing*
- *Rubber palm has excellent wear and resistance*
- *Super fit*



Part #	Mfg #	Description	Price
122621	3397HYL	Large	

High Visibility Yellow Knit No Logo Glove

- *Rubber palm*
- *Excellent wear and resistance*
- *Super fit*



Part #	Mfg #	Description	Price
140861	3397HYNM	Medium	
140863	3397HYNL	Large	
140858	3397HYNXL	Extra Large	

High Visibility Orange Knit Glove

- *Summer version*
- *Black rubber palm hides dirt*
- *Precurved design promotes easy flexing*
- *Rubber palm has excellent wear and resistance*
- *Super fit*



Part #	Mfg #	Description	Price
122620	3397HOL	Large	

High Visibility Orange Knit No Logo Glove

- *Rubber palm*
- *Excellent wear and resistance*
- *Super fit*

Part #	Mfg #	Description	Price
140860	3397HONM	Medium	
140862	3397HONL	Large	
140859	3397HONXL	Extra Large	

Work Wear

Gloves



Part #	Mfg #	Description	Price
030870	G50-204	Leather Palm Low Safety Cuff	

Cowhide Drivers Gloves

Elastic Back Rough Rider Gloves

- *Made from top-grain leather*
- *Deep oil tanned*
- *Sewn with inset, keystone thumb*
- *Bound at cuff with leather*
- *Elastic back for an easy-on easy-off fit*



Part #	Mfg #	Size	Qty	Price
051840	2500-L	Large	1 Pair	

Side Split Leather Gloves

Premium Side Split Leather Palm Gloves

- *Blue*
- *Side-split leather work gloves for longer wear and better protection*
- *Safety cuff*



Part #	Mfg #	Size	Qty	Price
051839	2110-L	Large	1 Pair	

Grain Leather Gloves

Rough Rider Grain Leather Palm Gloves

- *Made from top-grain leather*
- *Deep oil tanned*
- *Lined with 100 grams 3M Thinsulate insulation*
- *Heavy yellow canvas*
- *Knit wrists*



Part #	Mfg #	Size	Qty	Price
051841	2160-L	Large	1 Pair	

Jersey Gloves

Men's Brown Jersey Gloves



Part #	Mfg #	Size	Qty	Price
051837	1100-L	9 oz Large	1 Pair	

Double Palm and Chore Cotton Gloves

Galeton Gold Cotton Chore Cotton Gloves

- *18 oz Quilted gold cotton chore*
- *Two layers of soft cotton*
- *Insulated against heat and cold*
- *Knit wrist*



Part #	Mfg #	Size	Qty	Price
051838	3112-L	Large	1 Pair	

Latex and Vinyl Coated Gloves

Yellow Flock Lined Latex Cleaning Gloves

- *18 Mil natural latex*
- *Unsupported*
- *Soft flock lining absorbs moisture for easy off and on*



Part #	Mfg #	Size	Qty	Price
051851	6000-L	Large	1 Pair	

Work Wear

Hearing Protection

MAX Ear Plugs



- *Preshaped foam*
- *NRR33 Rated*

Part #	Mfg #	Description	Qty	Price
051843	9500	Uncorded	100/Pk	

Disposable Respirators

Nuisance Dust Mask



- *Filters pollen, dust and other non-toxic particles from the air*
- *Withstands hot and humid conditions*
- *Double-shell construction resists collapse*
- *Easily adjustable nosepiece*

Part #	Mfg #	Description	Qty	Price
051842	9700	Dust Mask	50/Box	

BRÄMEC®

Shoe Covers

Waterproof Shoe Cover

- *Skid-proof soles*
- *Waterproof*
- *Multiuse or disposable*
- *Dispenser box*
- *Designed to fit over a size 18 work boot*
- *Dark blue*

Part #	Mfg #	Description	Price
138851	20361	Waterproof Shoe Covers, Box of 50	

DIVERSITECH

Safety Supplies

Shoe Liner Booty



Part #	Mfg #	Description	Price
145266	SC-1	Bx/50 Pair Shoe Liner Bootie	

Sioux Chief

Safety Supplies

Disposable Shoe Cover



- *Fits sizes 5-15*
- *Blue-spun polypropylene - non-waterproof*

Part #	Mfg #	Description	Price
035439	390-50175	Shoe Covers - Job Pack	

Yaktrax® Ice Traction Devices

Yaktrax® Icewalker

- *Ultra lightweight ice traction*
- *Easy on/off*
- *Spikeless patented skid lock coil system*
- *Abrasion resistant 1.2mm steel coil*
- *Rust-resistant and crush-resistant*
- *100% Satisfaction guaranteed*

YAKTRAX®



Part #	Mfg #	Size	Color	Fits Shoe Size:	Price
130634	08601	Small	Black	Men's 5 to 8-1/2, Women's 6-1/2 to 10	
128220	08603	Medium	Black	Men's 9 to 11, Women's 10-1/2 to 12-1/2	
128219	08605	Large/Extra-Large	Black	Men's 11-1/2 to 13-1/2, Women's 13 to 15	

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