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### NOTE

**All installations must be performed by a qualified installer and in accordance with any and all federal, state/provincial and local codes and regulations. When performing work on an appliance observe all precautions in the literature, tags and labels attached to the appliance and other safety precautions that may apply. When working with electricity and electrical components, failure to follow precautions could result in property damage, personal injury or death.**

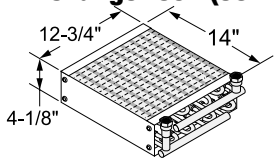


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# WATER-TO-AIR HEAT EXCHANGER PRODUCTS

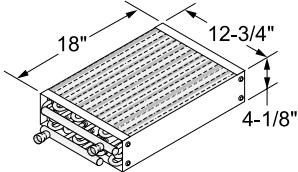
## Heat Exchanger Coil (50k Btu)



Water-to-air heat exchanger coil with 90° 3/4" female pipe thread (FPT) outlets. Dimensions: 12-3/4" x 14" x 4-1/8".

p/n	Description
287	Heat Exchanger Coil, 50k Btu

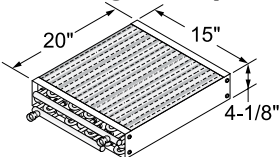
## Heat Exchanger Coil (80k Btu)



Water-to-air heat exchanger coil with straight 3/4" FPT outlets. Used in forced-air furnaces with plenum size of approximately 13" x 18". Dimensions: 12-3/4" x 18" x 4-1/8".

p/n	Description
109	Heat Exchanger Coil, 80k Btu

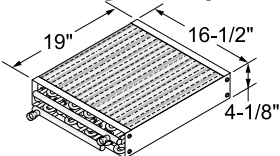
## Heat Exchanger Coil (95k Btu)



Water-to-air heat exchanger coils with straight 3/4" FPT outlets. Used in forced-air furnaces with plenum size of approximately 15" x 18". Dimensions: 15" x 20" x 4-1/8".

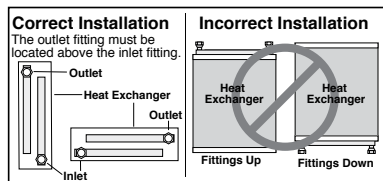
p/n	Description
102	Heat Exchanger Coil, 95k Btu

## Heat Exchanger Coil (100k Btu)

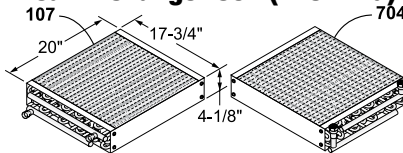


Water-to-air heat exchanger coil with straight 3/4" FPT outlets. Used in forced-air furnaces with plenum size of approximately 17" x 18". Dimensions: 16-1/2" x 19" x 4-1/8".

p/n	Description
106	Heat Exchanger Coil, 100k Btu



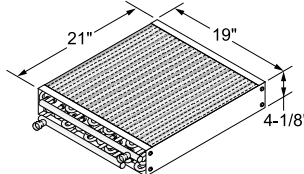
## Heat Exchanger Coil (125k Btu)



Water-to-air heat exchanger coil with straight (p/n 107) or 90-degree (p/n 704) 3/4" FPT outlets. Used in forced-air furnaces with plenum size from approximately 18" x 18" to 18" x 20". Dimensions: 17-3/4" x 20" x 4-1/8".

p/n	Description
107	Heat Exchanger Coil, 125k Btu, straight outlets
704	Heat Exchanger Coil, 125k Btu, 90° outlets

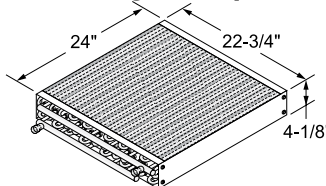
## Heat Exchanger Coil (140k Btu)



Water-to-air heat exchanger coil with straight 3/4" FPT outlets. Used in forced-air furnaces with plenum size of approximately 20" x 20". Dimensions: 19" x 21" x 4-1/8".

p/n	Description
108	Heat Exchanger Coil, 140k Btu

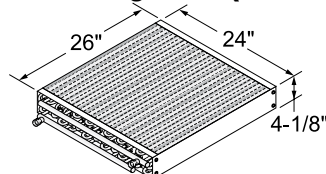
## Heat Exchanger Coil (185k Btu)



Water-to-air heat exchanger coil with straight 3/4" FPT outlets. Used in forced-air furnaces with plenum size of approximately 23" x 23". Dimensions: 22-3/4" x 24" x 4-1/8".

p/n	Description
110	Heat Exchanger Coil, 185k Btu

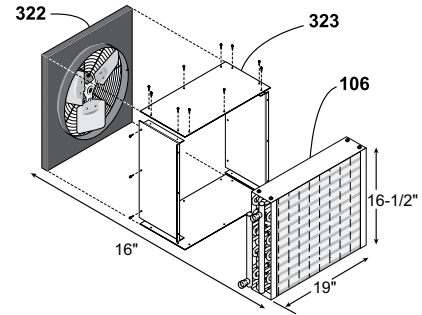
## Heat Exchanger Coil (220k Btu)



Water-to-air heat exchanger coil with straight 3/4" FPT outlets. Used in forced-air furnaces with plenum size of approximately 24" x 24". Dimensions: 24" x 26" x 4-1/8".

p/n	Description
111	Heat Exchanger Coil, 220k Btu

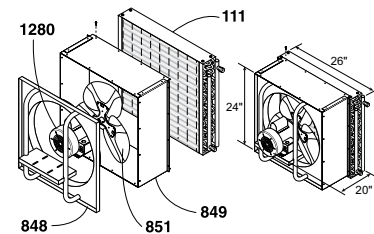
## Suspended Space Heater (100k Btu)



Order the following components for a complete Suspended Space Heater (100k Btu). Some assembly required. Assembled size approximately 19" x 16-1/2" x 16". Allow at least 6" on side for fittings.

p/n	Description
322	Fan
323	Transition
106	Heat Exchanger Coil, 100k Btu

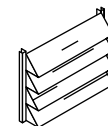
## Suspended Space Heater (220k Btu)



Order the following components for a complete Suspended Space Heater (220k Btu). Some assembly required. Assembled size approximately 26" x 24" x 20". Allow at least 6" on side for fittings.

p/n	Description
111	Heat Exchanger Coil, 220k Btu
849	Transition
848	Motor Frame
851	Fan Blades
1280	Fan Motor

## Louvers

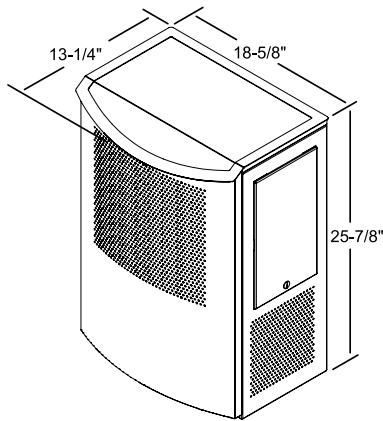


Bolt on to the face of the heat exchanger to direct heat downward.

p/n	Description
355	Louvers, fit Heat Exchanger Coil (p/n 106)
354	Louvers, fit Heat Exchanger Coil (p/n 108)
353	Louvers, fit Heat Exchanger Coil (p/n 111)

# WATER-TO-AIR HEAT EXCHANGER PRODUCTS

## Fan Convector (26k Btu)



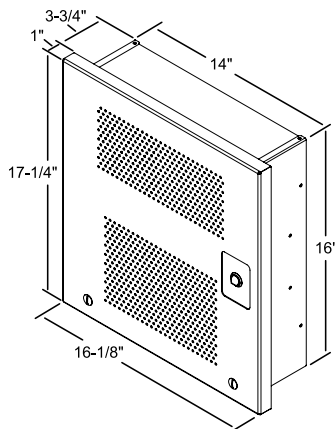
Central Boiler fan-forced convector. Quiet operation, integral filters and thermostat connections. 3/4" FPT fittings and on-off-thermostat switch. Output up to 26,000 Btu/hr. Color - taupe. 24-Volt Thermostat (p/n 588 or 8200008) is optional.

p/n	Description
1971	Fan Convactor, 26k Btu
588	Programmable 24-Volt Thermostat
8200008	Non-programmable 24-Volt Thermostat
956	Elbow, 90-degree, 3/4" x 3/4" FPT (optional)

### Replacement Components

342	Switch, ON/OFF
1940	Fan Motor
340	Relay
2500010	Transformer

## Wall Mount Fan Convactor (7k Btu)



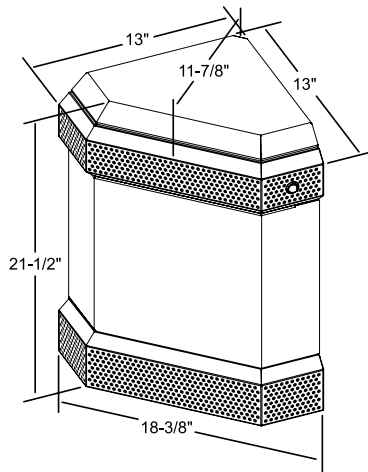
Central Boiler recessed wall, fan-forced convector. Quiet operation, integral filters and thermostat connections. Can use Female Adapter (p/n 6679) or Push-fit Fitting (p/n 606) for connection. 1/2" fittings and on-off-thermostat switch. Output up to 7,000 Btu/hr. 24-Volt Thermostat (p/n 588 or 8200008) is optional.

p/n	Description
1941	Fan Convactor, Wall Mount, 7k Btu
588	Programmable 24-Volt Thermostat
8200008	Non-programmable 24-Volt Thermostat

### Replacement Components

342	Switch, ON/OFF
1940	Fan Motor
340	Relay
2500010	Transformer

## Corner Fan Convactor (7k Btu)



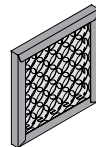
Central Boiler fan-forced convector. Quiet operation, integral filters and thermostat connections. Can use Female Adapter (p/n 6679) or Push-fit Fitting (p/n 606) for connection. 1/2" fittings and on-off-thermostat switch. Output up to 7,000 Btu/hr. 24-Volt Thermostat (p/n 588 or 8200008) is optional.

p/n	Description
1910	Fan Convactor, Corner, 7k Btu
588	Programmable 24-Volt Thermostat
8200008	Non-programmable 24-Volt Thermostat

### Replacement Components

342	Switch, ON/OFF
1940	Fan Motor
340	Relay
2500010	Transformer

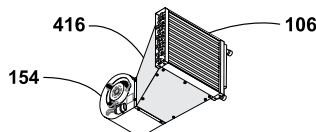
## Air Filter



Replacement air filter (10" x 10" x 1") for fan-forced convectors. 1971 convector requires 2 filters; 1910 and 1941 convectors require 1.

p/n	Description
1938	Air Filter, 10" x 10" x 1"

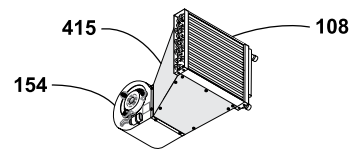
## Space Heater (100k Btu)



Order the following components for a Space Heater (100k Btu). Some assembly required. Assembled size approximately 19" x 21" x 33".

p/n	Description
416	Transition
154	Blower & Motor, 1/4-hp 3-speed fan
106	Heat Exchanger Coil, 100k Btu

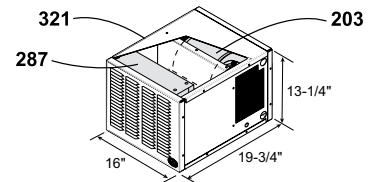
## Space Heater (140k Btu)



Order the following components for a Space Heater (140k Btu). Some assembly required. Assembled size approximately 19" x 21" x 33".

p/n	Description
415	Transition
154	Blower & Motor, 1/4-hp 3-speed fan
108	Heat Exchanger Coil, 140k Btu

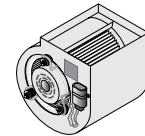
## Space Heater Cabinet (50k Btu)



Cabinet for housing 1/15-hp Blower & Motor (p/n 203) and 50k Btu Heat Exchanger Coil (p/n 287). Each sold separately. Some assembly required. Dimensions: 16" x 19-3/4" x 13-1/4".

p/n	Description
321	Space Heater Cabinet

## Blower & Motor



Blower & Motor assemblies.

p/n	Description
203	Blower & Motor, 1/15-hp
154	Blower & Motor, 1/4-hp, 3-speed fan
208	Blower & Motor, 1-hp, 3-speed fan

p/n 203 1/15 hp 115V	CFM (cubic feet per minute)							
	FREE AIR	1/8" SP	1/4" SP	3/8" SP	1/2" SP	3/4" SP	1" SP	1 1/4" SP
1530 rpm (1-speed)	465	430	397	357	308	N/A	N/A	N/A

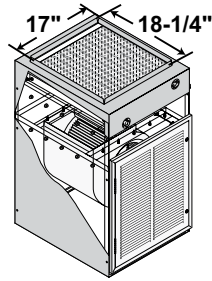
p/n 154 1/4 hp 115V	CFM (cubic feet per minute)					
	FREE AIR	1/4" SP	1/2" SP	3/4" SP	1" SP	1 1/4" SP
LOW speed	708	808	800	593	194	
MED. speed	963	1063	1020	708	224	
HIGH speed	1353	1349	1287	1014	250	

p/n 208 1 hp 115V	CFM (cubic feet per minute)						
	1.2" SP	1.3" SP	1.4" SP	1.5" SP	1.6" SP	1.7" SP	
LOW speed (1038 rpm)	2248	2143	2032	1890	1085	1498	
MED. speed (1070 rpm)	2480	2373	2218	2084	1910	1696	
HIGH speed (1097 rpm)	2701	2522	2373	2231	2057	1851	

SP=static pressure, hp=horsepower

# WATER-TO-AIR HEAT EXCHANGER PRODUCTS

## Air Handler Cabinet



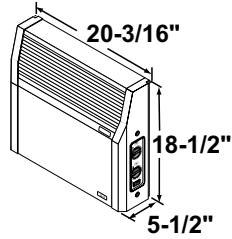
Two sizes allow multiple applications from 100k Btu to 220k Btu; cabinets are standard with front water access (refer to the chart below for specific applications). NOTE: Blower & Motor and Heat Exchanger Coil are sold separately. Air Handler Cabinet door is capable of holding a filter (not included). Some assembly will be required. If utilizing an existing 24-volt thermostat to control blower, a Fan Center Relay (p/n 515) must be used.

p/n	Dimensions (in.)	Heat Exch. Coil Range	Blower & Motor	Water Access
301	36 x 20 x 23	100k-140k Btu	1/4-hp	Front
	Filter (not included): 16 x 20			
303	39 x 25 x 28	185k-220k Btu	1-hp	Front
	Filter (not included): 20 x 20			

p/n	Description
301	Air Handler Cabinet, 100k-140k Btu, front access
3822	Kit for 301 - back water access
303	Air Handler Cabinet, 185k-220k Btu, front access
3825	Kit for 303 - back water access

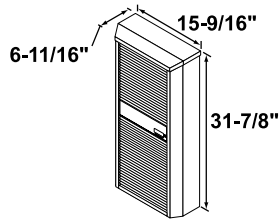
## Wall Mount Fan Convector



Myson Lo-Line™ RC 6-4 wall mount, fan-forced convector with thermostat, output of 4,213-6,531 Btu/hr. Dimensions: 20-3/16" x 18-1/2" x 5-1/2". Weight: 16 lbs. Fan speed (cfm): boost - 72, medium - 51, normal - 58.

p/n	Description
6776	Myson Lo-Line RC 6-4 Fan Convactor
214	Fan Switch for 6776 Myson Lo-Line RC 6-4 Fan Convactor

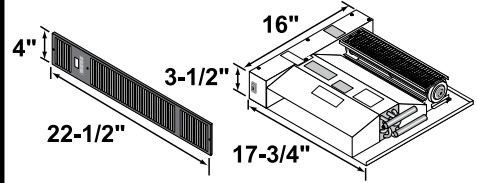
## Wall Mount Fan Convactor



Myson Slim-Line™ RC wall mount, fan-forced convector with remote control, output of 11,882-15,293 Btu/hr. Dimensions: 15-9/16" x 31-7/8" x 6-11/16". Weight: 37 lbs. Fan speed (cfm): boost - 136, medium - 127, normal - 96.

p/n	Description
6778	Myson Slim-Line RC Fan Convactor
212	Blower Motor for 6778 Myson Slim-Line RC Fan Convactor

## Kickspace Fan Convactor



Myson Whispa™ III Kickspace 9000 fan-forced convector, output of 7,634-9,949 Btu/hr. Dimensions: 17-3/4" x 16" x 3-1/2". Weight: 12 lbs. Fan speed (cfm): boost - 124, normal - 82. Cover grill is 4" x 22-1/2".

p/n	Description
6773	Myson Whispa II Kickspace 9000 Fan Convactor
210	Fan/Motor Assembly for 6773 Myson Whispa II Kickspace 9000 Fan Convactor

## Myson Replacement Items

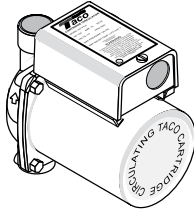
Replacement items for Myson fan convectors not listed here.

p/n	Description
209	Fan/Motor Assembly for 6774, 6775, and 6780
211	Fan/Motor Assembly for 6771
213	Fan/Motor Assembly for 6777
215	Filter, Fan Convactor, 16-60, 10-3/8x11-3/4
216	Filter, Fan Convactor, 7-4, 3-1/2x17
217	Filter, Fan Convactor, 6-4, 5-1/4x11-1/2



# PUMPS AND PUMP ACCESSORIES

## Taco Pumps - 006 Series

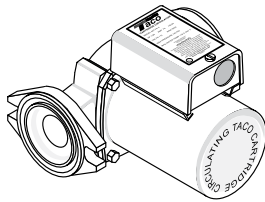


Taco 006 Bronze Circulation Pump for domestic water systems. No flange required, 3/4" sweat connection. Power Supply Cord (p/n 556) sold separately.

size	hp	Amp	Watt	Head (ft)	Volume (gal/min)
006	1/40	0.52	59.8	9	10

p/n	Description
175	Taco 006 Bronze Pump

## Taco Pumps - 007 Series

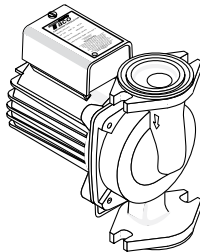


Taco 007 Circulation Pump requires flange kit (not included). Includes O-rings. Power Supply Cord (p/n 556) sold separately.

size	hp	Amp	Watt	Head (ft)	Volume (gal/min)
007	1/25	0.70	80.50	11	20
007 Priority	1/25	0.70	81.65	11	20

p/n	Description
5800004	Taco 007 Pump
5800011	Taco 007 Priority Pump

## Taco Pumps - 009 & 014 Series



Taco 009 and Taco 014 Circulation Pumps both require flange kit (not included). Includes O-rings. Power Supply Cord (p/n 556) sold separately.

size	hp	Amp	Watt	Head (ft)	Volume (gal/min)
009	1/8	1.40	161	34	8
014	1/8	1.55	178	22	32

p/n	Description
5800006	Taco 009 Pump
5800008	Taco 014 Pump

## Power Supply Cord



May be used to wire pumps when installed on furnaces. Power Supply Cord (p/n 556) Includes strain relief; Power Supply Cord (p/n 555) does not.

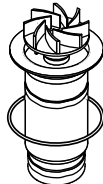
p/n	Description
556	Power Supply Cord, 32"
555	Power Supply Cord, 48"

## O-Ring Set

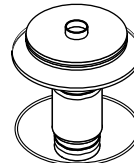
Set of two replacement O-rings for pump flange.

p/n	Description
542	O-Ring Set

## Taco Pump Replacement Cartridges



For 006 and 007 Pumps

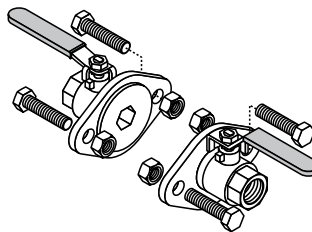


For 009 & 011 Pumps

Replacement cartridges for Taco 006, 007, 009, 011 and 014 series pumps. Each includes a 3-year warranty.

p/n	Application
222	Replacement Cartridge, 006 Series Pumps
5800005	Replacement Cartridge, Bronze, 007 Series Pumps
5800007	Replacement Cartridge, 009 Series Pumps
5800010	Replacement Cartridge, Bronze, 011 Series Pumps
5800009	Replacement Cartridge, 014 Series Pumps

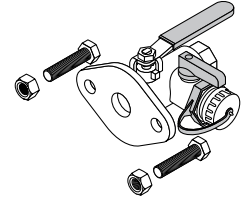
## Isolation Flange Kit



Kit includes flanges, nuts and bolts. Full port, valved flange body.

p/n	Description
224	"Free Floating" Flange Kit, 3/4"
225	Isolation Flange Kit, 1-1/4"

## Isolation Flange with Drain Valve, 3/4"

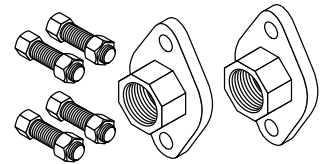


Includes flange, nuts and bolts.

p/n	Description
226	Isolation Flange with Drain Valve, 3/4"

NOTE: Price is for one flange only.

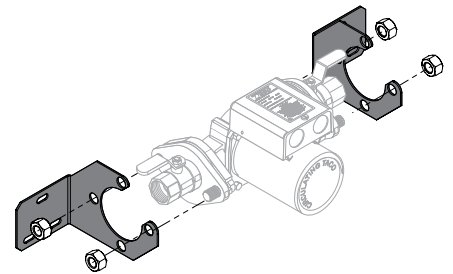
## Pump Flange Kits



Each kit includes set of two female iron pipe (FIP) pump flanges. One set is used with each pump. Most installations use Pump Flange Kit, 3/4" (p/n 119).

p/n	Description
119	Pump Flange Kit, 3/4"
194	Pump Flange Kit, 1"
1272	Pump Flange Kit, 1-1/4"

## Pump Wall Mount Kit

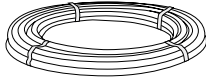


Brackets for supporting and securing Taco pump and flanges to a wall. Figure shows one possible installation scenario. Pump, flanges and mounting hardware are not included.

p/n	Description
1366	Pump Wall Mount Kit

# PEX PIPE, FITTINGS AND RELATED

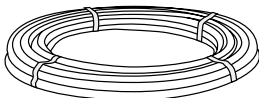
## Central PEX 1/2" Pipe



High-density, oxygen barrier, cross-link pipe. Rated for temperatures to 180°F at 100 psi. Available in rolls up to 1000 ft long. Excellent for radiant floor heating applications.

p/n	Description
1320	Central PEX 1/2" Pipe, 300'
1321	Central PEX 1/2" Pipe, 500'
1322	Central PEX 1/2" Pipe, 1000'

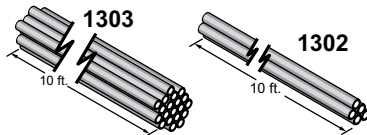
## Central PEX 1" Pipe



High-density, cross-link pipe, rated for temperatures to 180°F at 100 psi.

p/n	Description
1311	Central PEX 1" Pipe, 100'
1312	Central PEX 1" Pipe, 200'
1313	Central PEX 1" Pipe, 300'
1314	Central PEX 1" Pipe, 500'

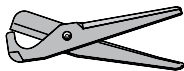
## Central PEX 1" Pipe Sections



Central PEX 1" Pipe in 10-ft sections.

p/n	Description
1302	Central PEX 1" Pipe, 10' straight section, 5 per bag
1303	Central PEX 1" Pipe, 10' straight section, 20 per bag

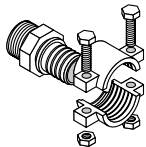
## PEX Pipe Cutter



Used to cut PEX pipe up to 1-1/4" in diameter.

p/n	Description
195	PEX Pipe Cutter

## PEX Brass Clamp Fittings



Brass adapter clamps for PEX pipe.

p/n	Description
5642	Brass Clamp Fittings, 1"
5643	Brass Clamp Fittings, 1-1/4"

## PEX Coupling



For coupling two Central PEX pipe ends.

p/n	Description
1339	PEX Coupling, 1/2"
1333	PEX Coupling, 1"

## PEX Adapter



For adapting threaded pipe to Central PEX pipe.

p/n	Description
1341	PEX Adapter, 1/2" PEX x 1/2" MIP fittings
1336	PEX Adapter, 1/2" PEX x 3/4" MIP fittings
1330	PEX Adapter, 1" PEX x 3/4" MIP fittings
1324	PEX Adapter, 1" PEX x 1" MIP fittings

## PEX Adapter



For adapting copper pipe to Central PEX pipe.

p/n	Description
1337	PEX Adapter, 1/2" PEX x 1/2" sweat fittings
1331	PEX Adapter, 1" PEX x 1" sweat fittings
1348	PEX Adapter, 1/2" PEX x 1/2" FIP fittings

## Female Adapter



Adapts 1/2" copper pipe to 1/2" Central PEX pipe. Sweat end fits over copper pipe.

p/n	Description
6679	Female Adapter, 1/2" barb x 1/2" sweat fittings

## PEX 90° Elbow



For coupling two Central PEX pipe ends together.

p/n	Description
1340	PEX 90° Elbow, Brass, 1/2"
1334	PEX 90° Elbow, Brass, 1"

## PEX Tee



Brass tee for joining Central PEX pipe ends.

p/n	Description
1338	PEX Tee, 1/2"
1332	PEX Tee, 1"

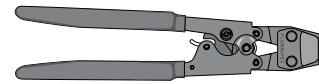
## Central Boiler Clamp



1" or 1-1/4" stainless steel hose clamp.

p/n	Description
5978	Central Boiler Clamp, 1"
1745	Central Boiler Clamp, 1-1/4"

## Cinch Tool



Tool for cinching 1" and 1/2" PEX Stainless Steel Clamp Crimp Rings to PEX pipe. Not for use with any other application.

p/n	Description
5925	Cinch Tool

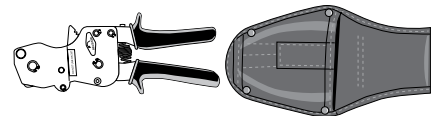
## PEX Crimp Rings / Crimp Tools



PEX Crimp Ring for PEX pipe. Crimp Tool (p/n 324) required for 1/2" crimp ring. Crimp Tool (p/n 145) required for 1" crimp ring.

p/n	Description
1342	PEX Crimp Ring, 1/2"
1335	PEX Crimp Ring, 1"
324	Crimp Ring Tool, 1/2"
145	Crimp Ring Tool, 1"

## Ratchet Cinch Tool



Compact, easy-to-use Ratchet Cinch Tool comes with handy carrying case and calibrating device. For use with 5927 and 5926 crimp rings.

p/n	Description
4472	Ratchet Cinch Tool

## PEX Stainless Steel Clamp Crimp Ring



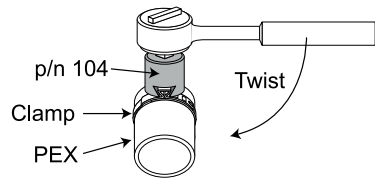
For use with Central PEX pipe. Install with Cinch Tool (p/n 5925) or Ratchet Cinch Tool (p/n 4472).

p/n	Description
5927	PEX Stainless Steel Clamp Crimp Ring, 1/2"
5926	PEX Stainless Steel Clamp Crimp Ring, 1"



# PEX PIPE RELATED AND THERMOPEX

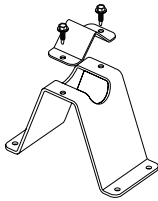
## Clamp Crimp Ring Removal Tool



Used to remove PEX stainless steel clamp crimp rings (p/n 5927 and 5926).

p/n	Description
104	Clamp Crimp Ring Removal Tool

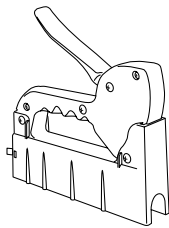
## PEX Piping Mounting Kit



Used to secure 1" PEX and copper pipe. Includes base, top bracket and two screws.

p/n	Description
1360	PEX Piping Mounting Kit

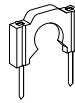
## PEX Piping Clip Gun



Used to secure 1/2" PEX pipe. Clips sold separately.

p/n	Description
2900002	PEX Piping Clip Gun

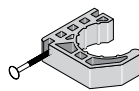
## PEX Piping Clips



Clips used in PEX Piping Clip Gun (p/n 2900002). Qty. 100.

p/n	Description
2900003	PEX Piping Clips, 100 qty.

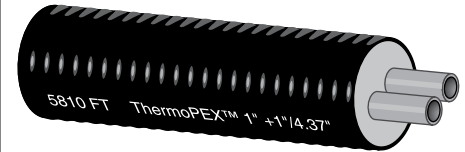
## PEX Hanger



Half-moon, nail-in PEX Hanger for securing PEX piping. Available in two sizes.

p/n	Description
293	PEX Hanger, 1/2"
295	PEX Hanger, 1"

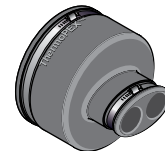
## ThermoPEX



ThermoPEX is flexible pre-insulated piping consisting of two waterproof oxygen barrier PEX lines (supply and return) protected by polyurethane closed cell foam insulation and a thick, durable, waterproof polyethylene outer jacket. It is the ideal insulated piping for use with outdoor wood furnaces. Available with 1" Central PEX in 100-ft or 800-ft rolls, or with 1-1/4" PEX in 100-ft or 300-ft rolls.

p/n	Description
2441	ThermoPEX, 1", 100' Roll
2491	ThermoPEX, 1", 800' Roll
2799	ThermoPEX, 1-1/4", 100' Roll
2492	ThermoPEX, 1-1/4", 300' Roll

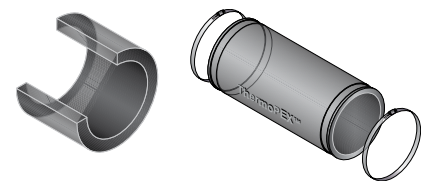
## ThermoPEX Termination Cap



Fits snugly over each end to protect and seal the insulation from water.

p/n	Description
2443	ThermoPEX Cap, 1"
2494	ThermoPEX Cap, 1-1/4"

## ThermoPEX Coupling Kit

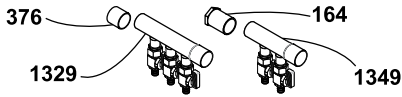


Twelve-inch rubber splice is used to join two ends of ThermoPEX together. Fittings and crimp rings for joining the PEX lines are sold separately.

p/n	Description
2447	ThermoPEX Coupling Kit, 1"
2495	ThermoPEX Coupling Kit, 1-1/4"
1333	PEX Coupling, 1"
381	Brass Coupling, 1-1/4" barb x 1-1/4" barb

# MANIFOLDS AND WATER-TO-WATER EXCHANGERS

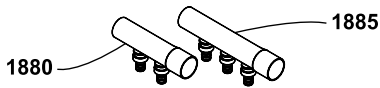
## Manifold w/Valves



For use with 1/2" PEX pipe in radiant floor installations. Available in a 2- or 3-loop configuration. Manifold fittings are 1" copper sweat; valve fittings are 1/2" barbed.

p/n	Description
1349	Manifold w/Valves, 2-Loop
1329	Manifold w/Valves, 3-Loop
376	Copper Cap, 1"

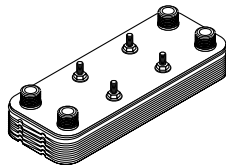
## Manifold w/o Valves



For use with 1/2" PEX pipe in radiant floor installations. Available in a 2- or 3-loop configuration. Manifold fittings are 1" copper sweat; valve fittings are 1/2" barbed. Does not include valves or caps.

p/n	Description
1880	Manifold w/o Valves, 2-Loop
1885	Manifold w/o Valves, 3-Loop

## Plate Heat Exchanger



The Plate Heat Exchanger is a compact, high-performance, water-to-water, continuous flow heat exchanger with MPT ports. Units are 316L stainless, copper-brazed. MPN units include mounting studs and are marine-grade stainless, nickel-brazed (for use with pools and hot tubs).

p/n	Typical Application
5734	Water heaters
5744	Boilers up to 100k Btu
5636	Boilers 100k-175k Btu
5637	Boilers 175k-250k Btu
5635	Large commercial

p/n	Description
5734	Plate Exchanger, 5 x 12-6, 3/4" Port
5744	Plate Exchanger, 5 x 12-30, 1" Port
5636	Plate Exchanger, 5 x 12-50, 1-1/4" Port
5637	Plate Exchanger, 5 x 12-70, 1-1/4" Port
5634	Plate Exchanger, 10 x 20-40, 1-1/2" Port
5635	Plate Exchanger, 10 x 20-50, 2" Port

## MPN Units\*

p/n	Approximate Btu	Typical Application
5738	80-120k	Hot tubs & pools up to 12,000 gallons
5842	150-200k	Pools up to approx. 30,000 gallons
128	250-320k	Pools up to approx. 50,000 gallons
129	280-360k	Pools up to approx. 60,000 gallons

p/n	Description
5738	Plate Exchanger, MPN 5 x 12-10, 1" Port
5842	Plate Exchanger, MPN 5 x 12-24, 1-1/4" Port
128	Plate Exchanger, MPN 5 x 12-40, 1-1/4" Port
129	Plate Exchanger, MPN 5 x 12-50, 1-1/4" Port

\*MPN units are not recommended for use with salt chlorinated pools or hot tubs.

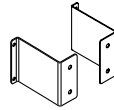
## Plate Mounting Bracket



Used to mount most 5" x 12" Plate Heat Exchangers (30 or less) with mounting studs to a wall or similar surface.

p/n	Description
5807-011	Plate Mounting Bracket

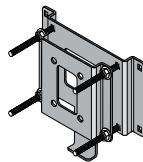
## Heat Exchanger Mounting Kit



Used to mount most 5x12 Plate Heat Exchangers (40 or more) with mounting studs to a wall or similar surface. Includes two mounting brackets.

p/n	Description
9597	Heat Exchanger Mounting Kit

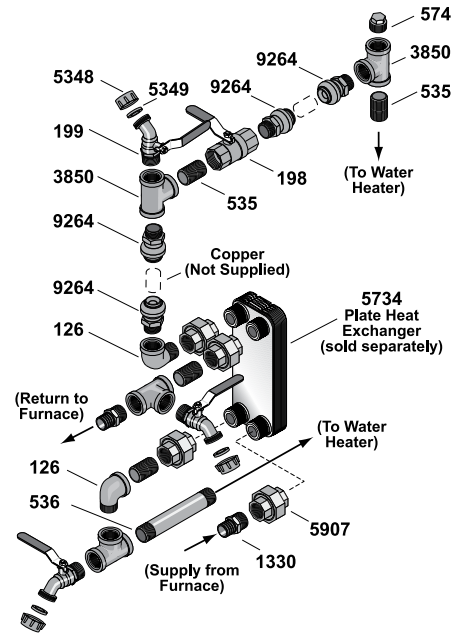
## Universal 5x12 Plate Heat Exchanger Mounting Kit



Universal mounting kit for 5x12 plate heat exchangers.

p/n	Description
1097	Universal 5x12 Plate Heat Exchanger Mounting Kit

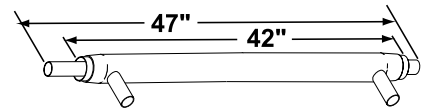
## Fittings Kit, Threaded



For domestic water heaters using Plate Heat Exchanger (p/n 5734).

p/n	Description
2500013	Fittings Kit, threaded ports

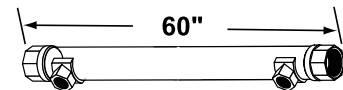
## Water-to-Water Heat Exchanger, Double Wall



The Water-to-Water, Double Wall Heat Exchanger is a water-to-water, domestic water heat exchanger with 3/4" copper sweat ports. Install on existing water heater for thermal circulating heat transfer.

p/n	Description
318	Heat Exchanger, Water-to-Water, Double Wall, 42"

## Water-to-Water Heat Exchanger, Shell & Tube

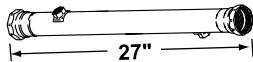


A water-to-water, continuous-flow heat exchanger used mainly for boiler applications. Side ports are 3/4" FIP; end ports are 1-1/2" FIP.

p/n	Description
151	Water-to-Water Heat Exchanger, Shell & Tube, 60"

# WATER-TO-WATER EXCHANGERS

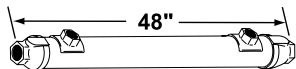
## Water-to-Water Heat Exchanger, Shell & Tube



A water-to-water, continuous-flow heat exchanger for commercial water heater applications. Side ports are 3/4" FIP; end ports are 1-1/2" FIP.

p/n	Description
148	Water-to-Water Heat Exchanger, Shell & Tube, 27"

## Water-to-Water Heat Exchanger, Shell & Tube

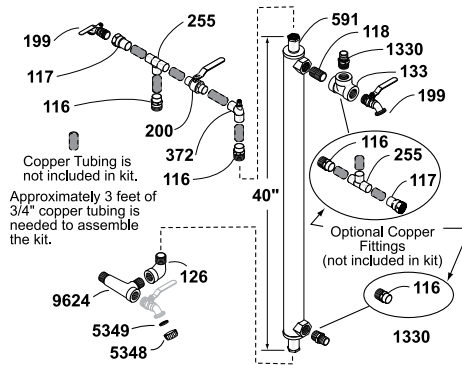


A water-to-water, continuous-flow heat exchanger used mainly for boiler applications. Side ports are 1" FIP; end ports are 1-1/2" FIP.

p/n	Description
177	Heat Exchanger, Water-to-Water, Shell & Tube, 48"

Always use the Shell & Tube Heat Exchangers (p/n 148, 151 or 177) when heating "salt chlorinated" pools and hot tubs. Install Plate Heat Exchangers (MPN units) for standard chlorinated pools and hot tubs. Refer to the Dealer Newsletter (Nov. 2010) on the Dealer E-comm site (Document Resources) for more information.

## Water-to-Water Heat Exchanger & Fittings Kit

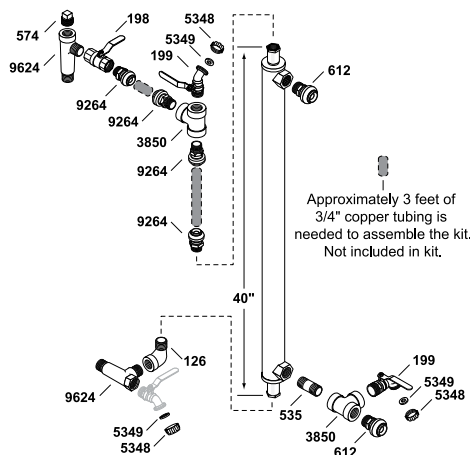


Copper Tubing is not included in kit. Approximately 3 feet of 3/4" copper tubing is needed to assemble the kit.

Install on existing domestic water heater for thermal circulating heat transfer. Side ports and end ports are 3/4" FIP. Fittings Kit is sold separately.

p/n	Description
591	Water-to-Water Heat Exchanger, 40"
2053	Fittings Kit

## Push-fit Fittings Water Heater Kit

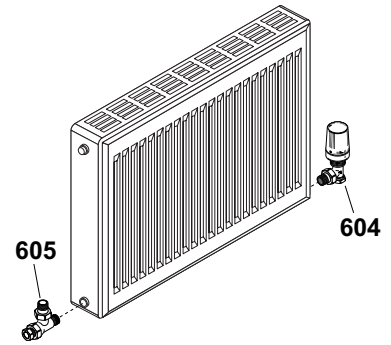


Approximately 3 feet of 3/4" copper tubing is needed to assemble the kit. Not included in kit.

Install on existing domestic water heater for thermal circulating heat transfer. Water-to-water heat exchanger is sold separately.

p/n	Description
9263	Push-fit Fittings Water Heater Kit

## Panel Radiators



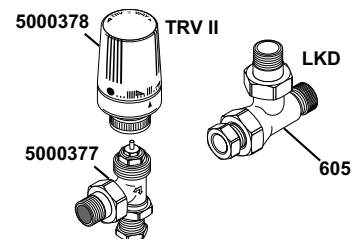
Type 21G Double Panel Single Convactor and Type 22G Double Convactor panel radiators in various sizes and Btu output. Valves (p/n 604, 605 are sold separately).

p/n	Baseboard Equivalent	Output (Btu/hr)	Fan Convactor Equivalent
600	6 feet	3,100	N/A
601	10 feet	5,000	6777, 6774, 6839
602	14 feet	7,200	6776, 6780
603	18 feet	10,000	6773

- No electricity required, no thermostats, no extra pumps
- Easy installation - includes mounting bracket and thread sealer

p/n	Description
600	Panel Radiator, 32" x 16"
601	Panel Radiator, 35-1/2" x 24"
602	Panel Radiator, 51-1/2" x 24"
603	Panel Radiator, 55-1/4" x 24"

## Thermostatic Radiator Valves



Each valve body is threaded for nominal iron pipe threads and also comes with a compression nut and ferrule.

p/n	Description
5000377	TRV II Valve Body, 1/2" Vertical
5000378	TRV II Valve Head, 1/2" Vertical
605	LKD Valve Body with No Cap, 1/2" Preset Flow Rate

# CONNECTIONS, SOLDER AND FLUX

## Solder & Soldering Flux



Low melting-point solder for easier soldering. Soldering flux includes brush. Use for easier soldering of copper sweat fittings.

p/n	Description
1325	Solder
100	Soldering Flux (6 oz)

## Cleaning Brush



For cleaning the inside of copper fittings.

p/n	Description
378	Cleaning Brush, 3/4"
379	Cleaning Brush, 1"

## Hex Bushing



Hex bushing with national pipe threads (NPT).

p/n	Description
388	Hex Bushing, 1-1/4" x 3/4"
105	Hex Bushing, 1-1/2" x 3/4"
412	Hex Bushing, 1-1/4" x 1/2"
325	Hex Bushing, 3/4" x 1/2"
180	Hex Bushing, 3/4" x 1/8"
408	Hex Bushing, 1-1/2" x 1-1/4"

## Brass Hex Bushing



Brass NPT reducing bushing.

p/n	Description
385	Brass Hex Bushing, 1-1/2" x 3/4"
3851	Brass Hex Bushing, 1-1/4" x 3/4"
3042	Brass Hex Bushing, 1/2" x 1/8"

## Brass Pipe Union, FIP



Suggested for use with plate-style heat exchanger installations.

p/n	Description
5907	Brass Pipe Union, 3/4"
5908	Brass Pipe Union, 1"
5909	Brass Pipe Union, 1-1/4"

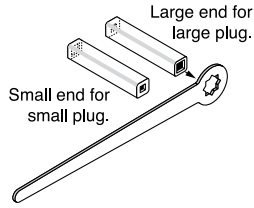
## Pipe Plug



Pipe Plug, MPT, black, unless noted.

p/n	Description
331	Pipe Plug, 3/4"
574	Pipe Plug, Brass 3/4"
336	Pipe Plug, 1-1/2"
383	Pipe Plug, 1-1/4"
6557	Pipe Plug, Brass 1/2"

## Pipe Plug Wrench Set



Used to remove and install 1-1/4" and 3/4" pipe plugs. Large end is for 1-1/4"; small end fits 3/4" pipe plugs.

p/n	Description
5459	Pipe Plug Wrench Set

## Nipple



Extra-heavy male pipe thread (MPT) nipples. Nipple (p/n 118) is used with pumps and ball valves. Brass nipples must be used on stainless steel furnaces.

p/n	Description
118	Nipple, 3/4" x close
409	Nipple, 1-1/4" x close
314	Nipple, 1-1/2" x close
533	Nipple, 3/4" x 2"
534	Nipple, 3/4" x 7"
535	Nipple, Brass, 3/4" x 2"
536	Nipple, Brass, 3/4" x 7"
11157	Nipple, Schedule 80, Black, 1-1/4" x 3"
5000015	Nipple, Schedule 80, Black, 1-1/4" x 2-1/2"

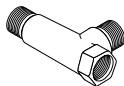
## Tee



Black Tee (p/n 133) can be used for vent option near pump. Brass Tee (p/n 3850) can be used in domestic water situations. Black Tee (p/n 418) can be used to install 1-1/4" thermostatic valve.

p/n	Description
133	Tee, Black, 3/4" NPT
3850	Tee, Brass, 3/4" NPT
418	Tee, Black, 1-1/4" NPT

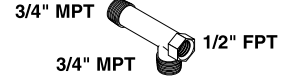
## Brass Tee, 3/4"



Brass Tee, 3/4" male x female x male. Mainly used for installing heat exchanger on water heater when push-fit fittings are used.

p/n	Description
9624	Tee, Brass, 3/4"

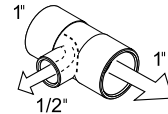
## Brass Offset Tee, 4"



Can be used in conjunction with the Temperature Gauge (p/n 174 or p/n 6054) for monitoring furnace supply water temperature, or may be used instead of Nipple (p/n 533) and 90° Street Elbow (p/n 274) on supply and/or return bung.

p/n	Description
6764	Brass Offset Tee, 4"

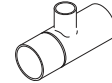
## Diverter Tee



The diverter tee is an excellent sweat fitting used mainly with fan-forced heaters.

p/n	Description
6782	Diverter Tee, 1" x 1" x 1/2"

## Monoflo Copper Tee



Used to divert water into fan-forced heaters and radiators.

p/n	Description
4976	Copper Tee, 1" x 1" x 1/2"

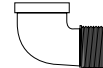
## 45° Street Elbow



NPT 45° Street Elbow (black).

p/n	Description
124	45° Street Elbow, 3/4"
5000017	45° Street Elbow, 1-1/4"

## 90° Street Elbow



90° Street Elbow in different sizes.

p/n	Description
411	90° Street Elbow, 1-1/4"
274	90° Street Elbow, 3/4"
126	90° Street Elbow, Brass, 3/4"

## 90° Elbow



90° Elbow with female threads.

p/n	Description
956	90° Elbow, 3/4" x 3/4" FPT
5000016	90° Elbow, Black, 1-1/4"

# VALVES

## Flow Check Valve



Used in hydronic heating to prevent ghost flow when the components are above the manifold. Can be installed horizontally or vertically.

p/n	Description
201	Flow Check Valve, 1" threaded

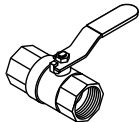
## Automatic Vent Valve



Vents air automatically. For use in pressurized systems only. Fitting is 1/8" NPT.

p/n	Description
286	Automatic Vent Valve

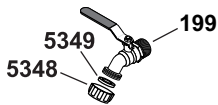
## Ball Valve



Brass FIP Ball Valve. The 3/4" Full Port Ball Valve (p/n 198) is used on both sides of the pump and on the furnace for each water line.

p/n	Description
186	Ball Valve, 1/2"
198	Ball Valve, 3/4" Full Port
410	Ball Valve, 1-1/4"

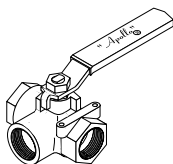
## Brass Hose Bib



Brass hose bib, 3/4" MPT. Use brass cap (p/n 5348) with washer (p/n 5349) to cover end.

p/n	Description
199	Brass Hose Bib, 3/4" MPT
5349	Washer, 3/4"
5348	Cap, Brass, 3/4"

## 3-Way Valve



Manually operated, FIP, brass 3-Way Valve.

p/n	Description
330	3-Way Valve, Brass 3/4" FIP

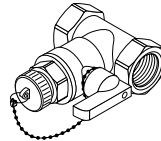
## Brass Swing Check Valve



Brass Swing Check Valve with FIP fittings prevents reverse circulation.

p/n	Description
296	Brass Swing Check Valve, 3/4"
5871	Brass Swing Check Valve, 1-1/4"

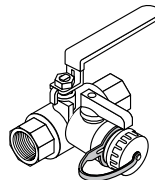
## Purging and Filling Tee, 1"



Used to fill system and purge system of air.

p/n	Description
134	Purging and Filling Tee, 1"

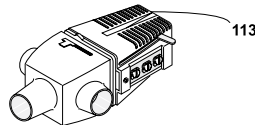
## Purging and Filling Tee, 3/4"



Used to fill system and purge system of air.

p/n	Description
5000083	Purge Tee, Drain, Brass, 3/4" female

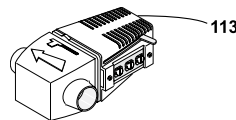
## 3-Way Zone Valve, 24-Volt



Used to bypass water for radiant floor heat, baseboard heat, swimming pool heaters, etc. (requires 24-volt transformer).

p/n	Description
114	3-Way Zone Valve, 24-Volt, 1" sweat fittings
127	3-Way Zone Valve, 24-Volt, 3/4" sweat fittings
113	Replacement Head

## 2-Way Zone Valve, 24-Volt



Used to bypass water for radiant floor heat, baseboard heat, swimming pool heaters, etc. (requires 24-volt transformer).

p/n	Description
671	2-Way Zone Valve, 24-Volt, 1" sweat fittings
571	2-Way Zone Valve, 24-Volt, 3/4" sweat fittings
113	Replacement Head

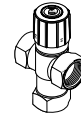
## Tempering Valve



Mixing valve for tempering hot water, with an adjustable temperature range between 120-160°F.

p/n	Description
163	Tempering Valve, 1/2" sweat fittings
140	Tempering Valve, 3/4" sweat fittings

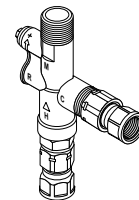
## Radiant Mixing Valve



For controlling water temperature in various types of radiant heat systems. Temperature range 70°F -180°F (except p/n 306, range 70°F - 145°F). These are not anti-scald valves and are not intended to be used on water heaters.

p/n	Description
306	Radiant Mixing Valve, 1/2" NPT fittings
327	Radiant Mixing Valve, 3/4" NPT fittings
329	Radiant Mixing Valve, 1" NPT fittings

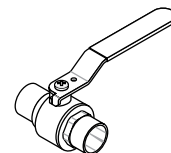
## Water Heater Mixing Valve



Designed specifically for water heaters, with a temperature range of 90°F - 130°F.

p/n	Description
5000318	Water Heater Mixing Valve, 3/4" NPT fittings, lead free

## Sweat Ball Valve

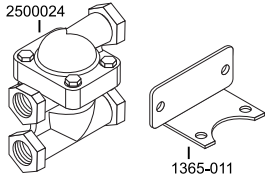


p/n	Description
200	Sweat Ball Valve, 3/4" x 3/4" sweat fittings



# THERMOSTATIC VALVES, MANIFOLDS, STRAINERS

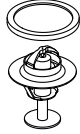
## 3/4" Thermostatic Valve Kit



Thermostatic Valve prevents the water temperature from dropping below the optimal operating temperature.

p/n	Description
2500024	3/4" NPT Thermostatic Valve Kit
1365-011	Mounting Bracket for 3/4" NPT Thermostatic Valve

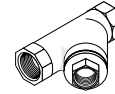
## Thermostat Kit



Replacement thermostat for thermostatic valve kits. Includes gasket and instructions. Note that for the 1-1/4" thermostatic valve, two thermostats are required.

p/n	Description
1740	Thermostat Kit, 150°F

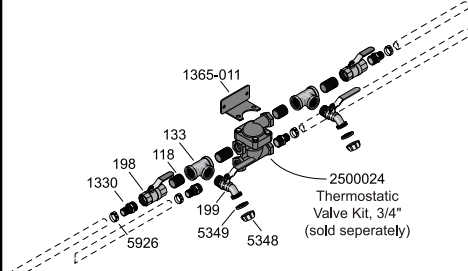
## Y-Strainer



Y-Strainer with 0.20 mesh and FIP fittings. Recommended when installing plate-style heat exchangers. For 3/4" Y-Strainer, use 1/2" Brass Pipe Plug (p/n 6557) for cleanout port. For 1" Y-Strainer, use 3/4" Brass Pipe Plug (p/n 574) for cleanout port.

p/n	Description
1695	Y-Strainer, 3/4" Brass
573	Y-Strainer, 1" Brass
1694	Y-Strainer, 1-1/4" Black

## 3/4" Thermostatic Valve Fittings Kit



For 3/4" Thermostatic Valve (p/n 2500024).

p/n	Description
1548	3/4" NPT Thermostatic Valve Fittings Kit

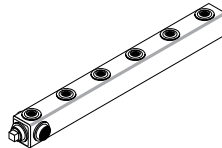
## Cast Iron Manifold



Cast Iron Manifold features 1-1/2" FIP inlet and four 3/4" FIP outlets.

p/n	Description
407	Cast Iron Manifold

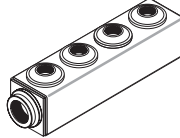
## Manifold



Manifold features two 1-1/4" fittings, six 3/4" FIP fittings and two 1-1/4" bungs (one at each end) for large building system. Manifold measures 3" x 3" x 33-1/2".

p/n	Description
395-011	Manifold

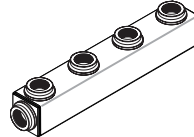
## Manifold



Manifold features 1-1/4" inlet and four 3/4" outlets. Manifold measures 3-1/4" x 3-1/4" x 12-1/4".

p/n	Description
1200033-011	Manifold, 1-1/4" Inlet x (4) 3/4" Outlets

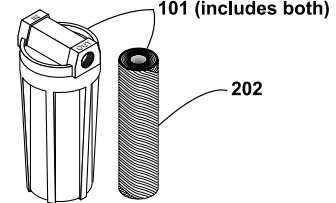
## Manifold



Manifold features 1-1/4" inlet and four 1-1/4" outlets. Manifold measures 3-1/4" x 3-1/4" x 19".

p/n	Description
1200034-011	Manifold, 1-1/4" Inlet x (4) 1-1/4" Outlets

## Hot Filter & Cartridge



Hot Filter (#10) with cartridge, 3/4" FIP fittings.

p/n	Description
101	Hot Filter, 3/4" FIP
202	Cartridge, #10

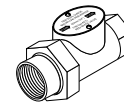
## Brass Coupling



Brass Coupling with 3/4" threaded fittings.

p/n	Description
5367	Brass Coupling, 3/4" thread

## Backflow Preventer



Used to protect water supplies from contamination.

p/n	Description
8364	Backflow Preventer, 3/4"

## Female Adapter, 3/4" Hose



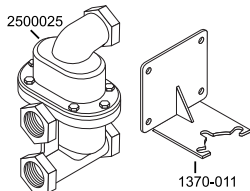
p/n	Description
4928	Brass Adapter, 3/4" female hose x 3/4" male pipe

## Male Adapter, 3/4" Hose



p/n	Description
4929	Brass Adapter, 3/4" male hose x 3/4" male pipe

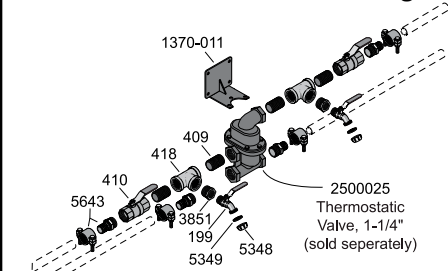
## 1-1/4" Thermostatic Valve



Thermostatic Valve prevents the water temperature from dropping below the optimal operating temperature.

p/n	Description
2500025	1-1/4" NPT Thermostatic Valve
1370-011	Mounting Bracket for 1-1/4" NPT Thermostatic Valve

## 1-1/4" Thermostatic Valve Fittings Kit



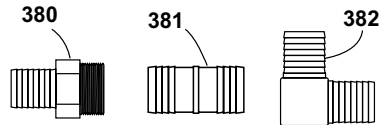
For 1-1/4" Thermostatic Valve (p/n 1621).

p/n	Description
1624	1-1/4" NPT Thermostatic Valve Fittings Kit



# 1-1/4" INSTALLATION, THERMOSTATS, AQUASTATS

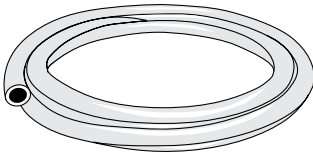
## Brass Fittings for 1-1/4" PEX Pipe



Brass fittings for 1-1/4" PEX pipe. To ease installation, it is recommended that a heat gun be used on the 1-1/4" PEX pipe.

p/n	Description
380	Male Adapter, 1-1/4" barb x 1-1/4" MIP
381	Brass Coupling, 1-1/4" barb x 1-1/4" barb
382	Brass Elbow, 1-1/4" barb x 1-1/4" barb

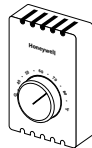
## PEX 1-1/4" Pipe



High-density, oxygen barrier, cross-link pipe, rated for 180°F.

p/n	Description
5670	PEX 1-1/4" Pipe, 150'
386	PEX 1-1/4" Pipe, 300'

## Line Voltage Thermostat



Line Voltage Thermostat (120-volt) used to start the fan on forced-air systems.

p/n	Description
1267	Line Voltage Thermostat

## Programmable 24-Volt Thermostat



Can be used in conjunction with zone valves, zone pumps and forced-air systems or used to operate 24-volt 3-way zone valves (requires 24-volt transformer).

p/n	Description
588	Programmable 24-Volt Thermostat

## Single-stage, Non-programmable 24-Volt Thermostat



Can be used in conjunction with zone valves, zone pumps and forced-air systems or used to operate 24-volt 3-way zone valves (requires 24-volt transformer).

p/n	Description
8200008	Non-programmable 24-Volt Thermostat

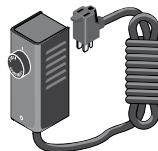
## Multi-stage 24-Volt Thermostat



Large, easy-to-read screen allows homeowners to use one thermostat to control up to three stages of heat and two stages of cooling. Fully programmable. Must be installed and wired by a qualified service technician.

p/n	Description
587	Multi-stage 24-Volt Thermostat

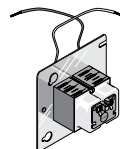
## Plug-in Thermostat



Plug-in Thermostat, 13.5-amp rated, 110-Volt, is for operating fan.

p/n	Description
368	Plug-in Thermostat

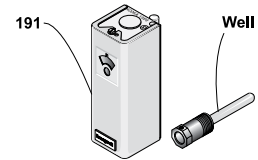
## 24-Volt Transformer



Used with 24-volt wall thermostat and 24-volt zone valves.

p/n	Description
188	24-Volt Transformer

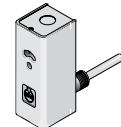
## Pool Aquastat



For controlling water temperature in pools, spas, etc., Immersible, temperature range of 40-180°F in one-degree differential. With pool or hot tub application, it is recommended to use a stainless steel well (p/n 1248), sold separately.

p/n	Description
191	Pool Aquastat, 1/2" NPT fitting
1247	Well, 1/2" NPT fitting
1248	Well, SS, 1/2" NPT fitting

## Adjustable Aquastat, Immersible



Adjustable between 110-240°F, immersible, with 1/2" MPT fittings on well (either close on rise or open on rise). Recommended operating setting is between 165-195°F.

p/n	Description
169	Adjustable Aquastat

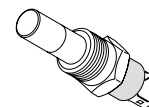
## Adjustable Aquastat, Surface Mount



For 1992 and older Classic outdoor wood furnaces, adjustable from 100-240°F.

p/n	Description
204	Adjustable Aquastat

## Fixed Aquastat



Non-adjustable, immersible, 1/2" MPT fitting.

p/n	Description
290	Fixed Aquastat, 175°F
399	Fixed Aquastat, 190°F

# BASEBOARDS, COPPER CONNECTIONS

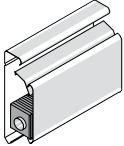
## Baseboard Joiner



Used to cover joints in continuous lengths of baseboard.

p/n	Description
230	Baseboard Joiner

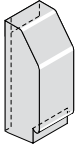
## Baseboard, Complete



Each baseboard includes heating element and cover. Rated 610 Btu/ft at 180°F water temperature. Flow rate of 4 gal/min, 3/4" copper sweat fittings. End caps, joiners and corners sold separately.

p/n	Description
234	Baseboard, Complete, 2'
235	Baseboard, Complete, 3'
236	Baseboard, Complete, 4'
237	Baseboard, Complete, 5'
238	Baseboard, Complete, 6'

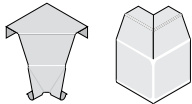
## Baseboard End Cap



Left or right Baseboard End Caps for radiant baseboard water heater.

p/n	Description
232	Baseboard End Cap, Left
233	Baseboard End Cap, Right

## Baseboard Corners



Inside and outside Baseboard Corner covers for radiant baseboard water heater.

p/n	Description
182	Baseboard Corner, Inside
183	Baseboard Corner, Outside

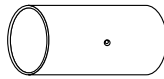
## 90° Street Elbow, 1" Copper



90° street elbow with 1" female sweat fitting on one end and 1" male sweat fitting on the other.

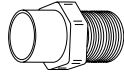
p/n	Description
103	Street Elbow, 1"

## Copper Coupling



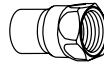
p/n	Description
146	Copper Coupling, 3/4" sweat x 3/4" sweat fittings
147	Copper Coupling, 1" sweat x 1" sweat fittings

## Male Adapter, Copper



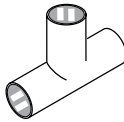
p/n	Description
116	Male Adapter, 3/4" sweat x 3/4" MIP fittings
120	Male Adapter, 1" sweat x 1" MPT fittings

## Female Adapter, Copper



p/n	Description
164	Female Adapter, 1" sweat x 3/4" FIP fittings
117	Female Adapter, 3/4" sweat x 3/4" FIP fittings

## Tee, Copper



p/n	Description
138	Tee, Copper Pipe, 1" x 1" x 1" sweat fittings
255	Tee, Copper Pipe, 3/4" x 3/4" x 3/4" sweat fittings

## Reducing Tee, Copper



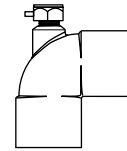
p/n	Description
178	Reducing Tee, 1-1/2" x 1" x 1" sweat fittings

## Copper End Cap



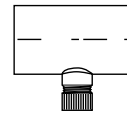
p/n	Description
376	Copper End Cap, 1" sweat fitting

## Vent Elbow, Copper



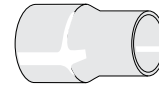
p/n	Description
372	Vent Elbow, 3/4" x 3/4" sweat fittings
112	Vent Elbow, 1" x 1" sweat fittings

## Drain Coupling, Copper



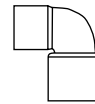
p/n	Description
373	Drain Coupling, Copper Pipe, 3/4" x 3/4" sweat fittings

## Reducer, Copper



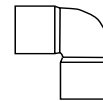
p/n	Description
231	Reducer, Copper Pipe, 1" x 3/4" sweat fittings

## 90° Reducing Elbow, Copper



p/n	Description
123	90° Reducing Elbow, Copper Pipe, 1" x 3/4" sweat fittings

## 90° Elbow, Copper



p/n	Description
276	90° Elbow, Copper Pipe, 3/4" x 3/4" sweat fittings
277	90° Elbow, Copper Pipe, 1" x 1" sweat fittings

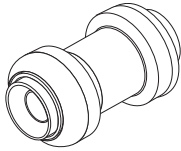
# PUSH-FIT FITTINGS

## Push-fit Fittings

Push-fit Fittings are designed to simplify pipe installation. The fittings allow the user to connect pipe in seconds with relative ease.

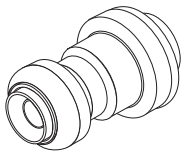
- Instant push-fit connection for increased ease-of-use.
- No soldering, clamps, unions or glue required.
- Lead-free
- Fits copper tubing and PEX piping and connects in any combination.

## Coupling, Straight



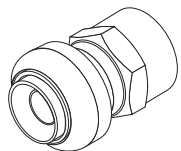
p/n  
606 Description  
607 Coupling, Straight, 1/2" x 1/2"  
608 Coupling, Straight, 3/4" x 3/4"  
Coupling, Straight, 1" x 1"

## Coupling, Reducing



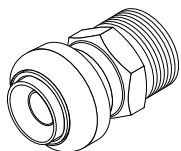
p/n  
609 Description  
Coupling, Reducing, 1" x 3/4"

## Female Adapter



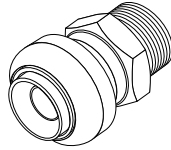
p/n  
610 Description  
611 Female Adapter, 1/2" x 1/2" FPT  
Female Adapter, 1" x 1" FPT

## Male Adapter



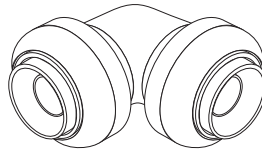
p/n  
612 Description  
Male Adapter, 1" x 3/4" MPT

## Connector, Straight



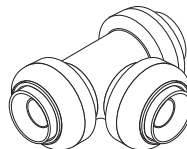
p/n  
9264 Description  
Connector, Straight, 3/4" x 3/4" MIP

## Elbow



p/n  
613 Description  
614 Elbow, 1" x 1"  
Elbow, 3/4" x 3/4"

## Tee



p/n  
614 Description  
Tee, 1" x 1" x 1"

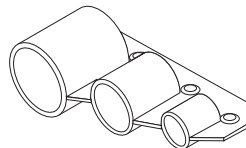
## Temperature Gauge Fitting



1/8" MPT Temperature Gauge (p/n 6054) installs on Temperature Gauge Fitting and fitting installs on push-fit fitting Tee (p/n 614).

p/n  
1350 Description  
Temperature Gauge Fitting, 1" Push-fit x 1/8" NPT

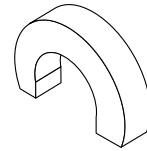
## Depth Gauge/Deburring Tool



Deburs pipe and used to mark pipe to indicate when the pipe is inserted completely into the fitting. One tool for 1/2", 3/4" and 1" pipe.

p/n  
615 Description  
Depth Gauge/Deburring Tool

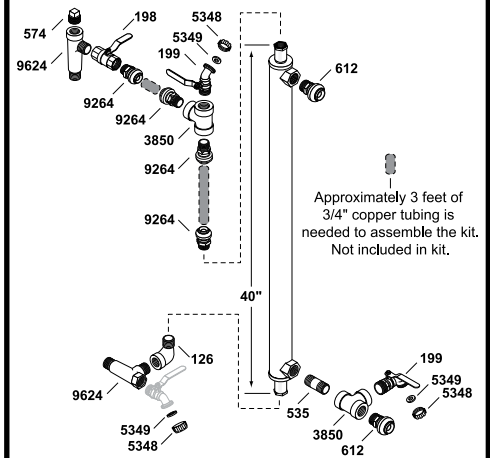
## Disconnect Clip



Used to disconnect push-fit fittings quickly and easily.

p/n  
616 Description  
617 Disconnect Clip, 1/2"  
618 Disconnect Clip, 3/4"  
Disconnect Clip, 1"

## Push-fit Fittings Water Heater Kit



Install on existing domestic water heater for thermal circulating heat transfer. Water-to-water heat exchanger is sold separately.

p/n  
9263 Description  
Push-fit Fittings Water Heater Kit

# MAINTENANCE, REPLACEMENT AND OPTIONAL PRODUCTS

## Water Softener Cartridge



For single use in filling water jacket, Water Softener Cartridge has 5,000 grains of removal capacity. For average water with 10 grains hardness, will treat 500 gallons water. May also be connected together to increase removal capacity.

p/n	Description
1310	Water Softener Cartridge

## Corrosion Inhibitor Plus



Corrosion Inhibitor plus Polymer Solution helps protect exchangers and pumps against solids adhering to system parts. Refer to chart below for amounts used in each model furnace.

Models	Corrosion Inhibitor Amount
CL 4030	3/4 unit
CL 5036	1 unit
CL 6048	2 units
E-Classic 3200	2 units
E-Classic 2400	1-3/4 units
E-Classic 2300	2-1/2 units
E-Classic 1400	1 unit
E-Classic 1450	1 unit
Pallet Burner	3 units
CL 7260	4 units
Maxim M175, M250	1/2 unit

p/n	Description
1650	Corrosion Inhibitor Plus

## Sludge Conditioner



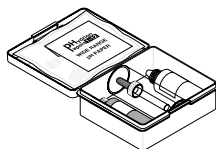
**NOTE:** Sludge Conditioner should be used if the water quality is known to contain higher concentrations of minerals or solids. It is best to use softened water instead. If a furnace has been subjected to low Corrosion Inhibitor levels and corrosion is evident in the water jacket, Sludge Conditioner can be used by circulating through the furnace for one week to help clean some of the corrosion from inside the water jacket before flushing and refilling.

Reduces mineral deposits in boiler side of water-to-water heat exchangers. Refer to chart below for amounts used in each model furnace.

Models	Sludge Conditioner Amount
CL 4030	1/2 gal.
ECL 1400, 1450, 2300, 2400, CL 5036, CL 6048	1 gal.
ECL 3200, CL 7260, Pallet Burner	2 gal.

p/n	Description
166	Sludge Conditioner, 1 gal.

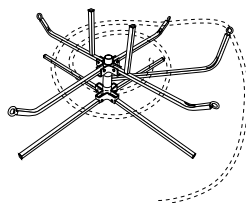
## Water Test Kit



Water Test Kits and replacement items for testing your furnace water. Complete kits include pH test strips.

p/n	Description
405	Water Test Kit, Complete
597	Water Test Kit, Complete, Anti-Freeze Compatible
153	Litmus Paper
403	Permanganate
404	Sulfuric Acid

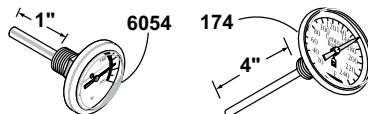
## Decoiler



Useful when uncoiling and installing 1/2" tubing.

p/n	Description
1323	Decoiler

## Temperature Gauges



In-line, dial temperature gauge with 1/2" MPT (p/n 174) is optional for manifold, pool heater systems, etc. Gauge (p/n 6054) is 1/8" MPT, 1" diameter with 1" stem length, for use in tight areas.

p/n	Description
6054	Temp. Gauge, 1/8" MPT
174	Temp. Gauge, 1/2" MPT

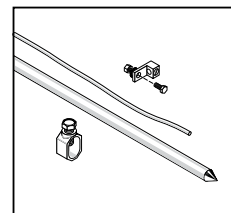
## Black Silicone Adhesive, High Temperature



100% silicone adhesive.

p/n	Description
806	Black Silicone Adhesive, High Temperature, 10.1 oz

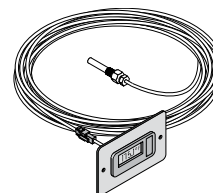
## Grounding Rod Kit



Used to electrically ground the furnace.

p/n	Description
6593	Grounding Rod Kit

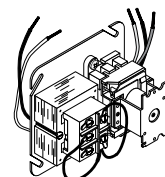
## Indoor Water Temperature Indicator Kit



Remote inline monitoring of water temperature (battery operated). Includes LCD, 75 feet of cord and probe. Dip switch can be set to either Fahrenheit or Celsius. NOTE: Black Tee (p/n 133) and Hex Bushing (p/n 180) are not included with the kit.

p/n	Description
5052	Indoor Water Temperature Indicator Kit
133	Tee, Black, 3/4" NPT
180	Hex Bushing, 3/4" x 1/8"

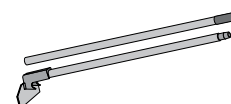
## Fan Center Relay



The Fan Center Relay is used to control a 110-volt fan with a 24-volt thermostat.

p/n	Description
515	Fan Center Relay

## Hoe

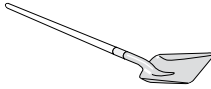


Used as a firebox maintenance tool, hoe comes with metal handle.

p/n	Description
2900001	Hoe

# MAINTENANCE, REPLACEMENT AND OPTIONAL PRODUCTS - CLASSIC AND PALLET BURNER

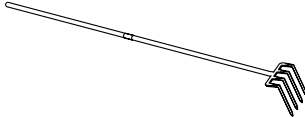
## Ash Shovel



Used for removing ashes from furnace.

p/n	Description
299	Ash Shovel

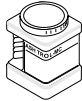
## Ash Rake



Long, metal-handled ash rake is used to pull coals forward and to stir ashes.

p/n	Description
300	Ash Rake

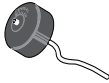
## Ashtrol



Used as a furnace firebox pH modifier.

p/n	Description
297	Ashtrol, 6.25 lbs

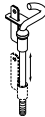
## Vent Cap



Replacement Vent Cap for Classic outdoor furnaces helps prevent water loss through the vent pipe.

p/n	Description
320	Vent Cap

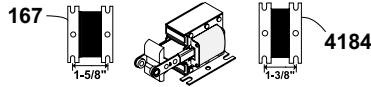
## Door Lock Kit



Prevents unauthorized access to the firebox.

p/n	Description
5575	Door Lock Kit, for steel-door CL 7260 and Pallet Burner
537-011	Door Lock Kit, for other Cam Loc models (including CL 7260 cast-iron door)

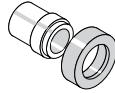
## Solenoid



Because damper control solenoids are not interchangeable, check measurement and application dates carefully. Solenoid (p/n 167) is for pre-June 2000 Classic models. Solenoid (p/n 4184) is for models after June 2000 including all E-Classic models.

p/n	Description
167	Solenoid, 1-5/8" center-to-center bracket hole
4184	Solenoid, 1-3/8" center-to-center bracket hole

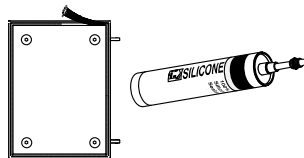
## Cam Loc Bushing with Collar



Replacement bushing with collar for cam latch/cam lock. For CL 4030 with s/n 95476 and later, and for CL 5036 with s/n 93664 and later use 2500029. For CL 4030 with s/n 95475 and prior, and for CL 5036 with s/n 93663 and prior, use 2500049.

p/n	Description
2500049	Cam Loc Bushing/Collar
2500029	Cam Loc Bushing/Collar
4327	Cam Loc Bushing/Collar for CL 6048/Pallet Burner
4328	Cam Loc Bushing/Collar for CL 7260

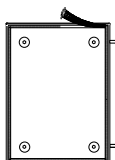
## Door Seal Kit



Kit includes Door Seal Rope cut to length and Black Silicone Adhesive.

p/n	Description
362	Door Seal Kit, for CL 4030, 5036
363	Door Seal Kit, for CL 6048
364	Door Seal Kit, for CL 7260
365	Door Seal Kit, for Pallet Burner

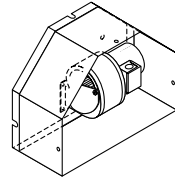
## Door Seal Rope



Sold either by the foot or in pre-cut lengths for specific model applications. Silicone is not included.

p/n	Description
7674	Rope, 7/8", priced per ft
7594	Door Seal Rope, 1", priced per ft
359	Door Seal Rope, 7/8", 8' for CL 4030, 5036
360	Door Seal Rope, 7/8", 9' for CL 6048
361	Door Seal Rope, 1", 12' for CL 7260
367	Door Seal Rope, 1", 23' for Pallet Burner

## Draft Inducer



Bolts to existing draft hood (fan included). Must use 5-A fuse. Do not use CL 7260 High-Output fan (p/n 5549) if a burner has been installed on the outdoor furnace. The 203 Blower & Motor, 1/15-hp can be used if a fan only is needed for the high output draft inducer (p/n 5549). 2000145 Blower & Motor includes lubrication ports and can be used with the 400, 500, 700 or 6576 draft inducers. Draft Inducer (p/n 700) - 180 cfm; Draft Inducer (5549) - 450 cfm.

Draft inducer application by model serial number range: Side Draft (p/n 400) - up to s/n 13427; Ripple Front Door (p/n 500) - s/n 13428 to s/n 19125; Flat Front Door (p/n 700) - s/n 19126 and later.

p/n	Description
400	Draft Inducer, Side Draft
500	Draft Inducer, Ripple Front Door
700	Draft Inducer, Flat Front Door
6576	Draft Inducer, CL 7260 Dual Fuel (w/fuses)
5549	Draft Inducer, CL 7260 High Output
203	Blower & Motor, 1/15-hp
2000145	Blower & Motor

## Time Delay Relay



Replacement Time Delay Relay for Dual Fuel model furnaces.

p/n	Description
5775	Time Delay Relay

## HeatTrac Controller Update Kits

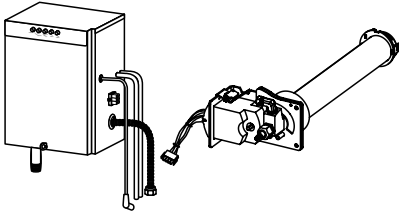
Kits replace the HeatTrac Controller on furnaces. Kit (p/n 10904) is for furnaces with a hinged electrical box controller door. Kit (p/n 10902) is for furnaces with removable side panel cover.

p/n	Description
10904	HeatTrac Controller Update Kit (Models with Hinged Controller Door)
10902	HeatTrac Controller Update Kit (Models with Removable Side Panel Cover)



# MAINTENANCE, REPLACEMENT AND OPTIONAL PRODUCTS - CLASSIC AND PALLET BURNER

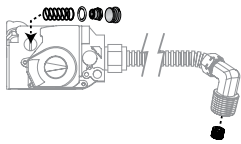
## Gas Burner Kits



Optional LP gas burner for E-Classic 1400 IR, 1450 IR, 2400 IR and 3200 IR models.

p/n	Description
2500002	LP Gas Burner Kit, E-Classic 1400 IR Models
2500000	LP Gas Burner Kit, E-Classic 1450 IR Models
2500003	LP Gas Burner Kit, E-Classic 2400 IR Models
2500004	LP Gas Burner Kit, E-Classic 3200 IR Models

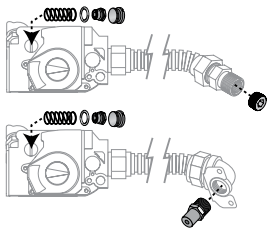
## Natural Gas Conversion Kit



Converts E-Classic IR models with an optional LP gas burner (see above) from propane to natural gas.

p/n	Description
2500001	Natural Gas Conversion Kit, E-Classic IR Models

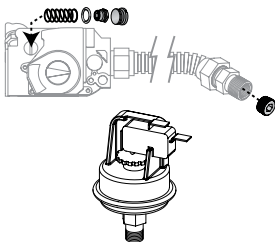
## Natural Gas Conversion Kit



Converts E-Classic 2300 models from propane to natural gas.

p/n	Description
10598	Natural Gas Conversion Kit

## Natural Gas Conversion Kit



Converts E-Classic 1400 or 2400 models from propane to natural gas.

**NOTE: NG Conversion Kit only needed for gas burner kits sold before Dec. 1, 2010. After that date, complete gas burner kits are available.**

p/n	Description
10588	Natural Gas Conversion Kit, E-Classic 1400/2400

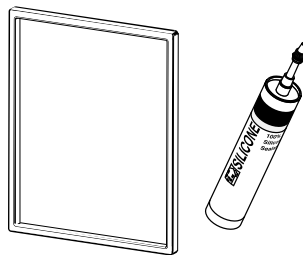
## Reaction Chamber Firebrick

Replacement firebrick for E-Classic Reaction Chamber is available in different sizes. Refer to the table below for model specific quantities of firebrick installed in the Reaction Chamber.

MODEL	FIREBRICK P/N and QTY per MODEL			
	8560	8856	10141	4050004
1400		6		
1450		8		4
2300	1	12		
2300	1	13		
2400		9	3	
3200		14		

p/n	Description
8856	Firebrick, 9" x 4.5" x 1.25"
8560	Firebrick, 4.5" x 4.5" x 1.25"
10141	Firebrick, 4" x 4.5"
4050004	Firebrick, 6.625" x 4.5" x 1.25"

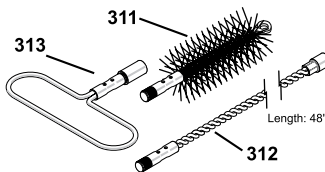
## Door Seal



Kits include Door Seal and Black Silicone Adhesive for E-Classic model doors. Door seals are pre-formed to fit properly.

p/n	Description
2500027	Door Seal Kit, Silicone, for E-Classic 2300, 2400 and 3200
6000007	Door Seal only for E-Classic 2300, 2400 and 3200
2500028	Door Seal Kit, Silicone, for E-Classic 1400 and 1450
6000006	Door Seal only for E-Classic 1400 and 1450

## Flue Brush & Handle



Used to clean the flue passageways of E-Classic 2300 models. Flue Brush Kit (p/n 310) includes 311, 312 and handle. Not to be used for cleaning 6" or 8" chimney.

p/n	Description
310	Flue Brush Kit

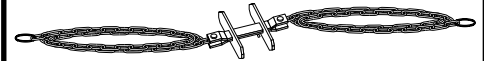
## Flue Brush & Handle



Used to clean the flue passageways of E-Classic 2400 models. Flue Brush Kit (p/n 390) includes 398, 312 and handle. Not to be used for cleaning 6" or 8" chimney.

p/n	Description
390	Flue Brush Kit

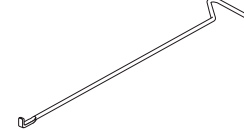
## Heat Exchanger Scraper



Used to clean the flue passageways of E-Classic models.

p/n	Description
2000128	Heat Exchanger Scraper, E-Classic 3200
2000127	Heat Exchanger Scraper, E-Classic 1450

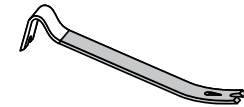
## Cleaning Rod



Used to clean the firebox of E-Classic models.

p/n	Description
9439	Cleaning Rod, E-Classic

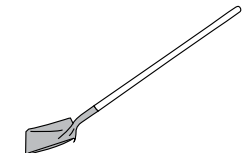
## Wonder Bar



Used to clean the firebox of E-Classic models.

p/n	Description
10691	Wonder Bar

## Ash Shovel



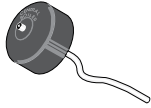
Used to remove ash from E-Classic models.

p/n	Description
1970	Ash Shovel



# MAINTENANCE, REPLACEMENT AND OPTIONAL PRODUCTS - E-CLASSIC

## Vent Cap

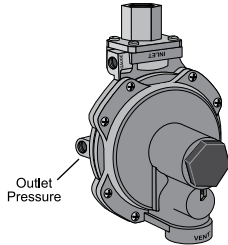


Replacement Vent Cap for E-Classic outdoor furnaces helps prevent water loss through the vent pipe.

p/n	Description
320	Vent Cap

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## 2-Stage Gas Regulator Kit



Regulates the gas pressure from an LP tank. For all E-Classic or Maxim models.

p/n	Description
1930	2-Stage Gas Regulator Kit

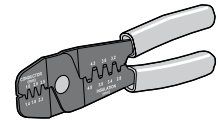
## Outdoor Torch



Torch design allows easy starting of the fire in E-Classic and Maxim models.

p/n	Description
2900325	Outdoor Torch

## Universal Crimp Tool



Used to crimp terminals. For 14-24 AWG wires.

p/n	Description
2900341	Universal Crimp Tool, 14-24 AWG

# FIRESTAR II CONTROLLER, FIRESTAR XP & RELATED - E-CLASSIC

## FireStar XP Desktop Wi-Fi Module



Remote desktop display and control panel can be used to remotely view operational data and change menu settings on the FireStar II controller. Compatible only with a properly configured FireStar II equipped E-Classic (with software version 6.4x or higher).

*Kit includes FireStar XP Wi-Fi Module, wiring connector, Quickstart Guide, Operator's Manual and installation instructions. Cable from FireStar II controller sold separately.*

*NOTE: Must be wired to furnace. Connection Kit (p/n 2500018), sold separately, for wiring and installing the FireStar XP Desktop Wi-Fi Module includes power supply adapter, 6-ft serial cable, cable grip and screw terminal.*

p/n	Description
2500022	FireStar XP Wi-Fi Module Kit - Desktop Version
2500018	Connection Kit - FireStar XP Desktop Version

## FireStar XP Wall-Mount Wi-Fi Module



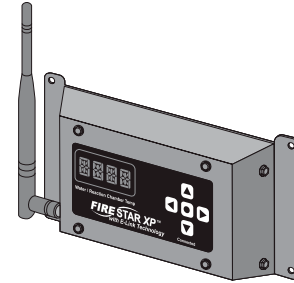
Remote wall-mount display and control panel can be used to remotely view operational data and change menu settings on the FireStar II controller. Compatible only with a properly configured FireStar II equipped E-Classic (with software version 6.4x or higher).

*Kit includes FireStar XP Wi-Fi Module, mounting screws and anchors, Quickstart Guide, Operator's Manual and installation instructions. Cable from FireStar II controller sold separately.*

*NOTE: Must be wired to furnace. Connection Kit (p/n 2500017), sold separately, for wiring the FireStar XP Wall-Mount Wi-Fi Module includes power supply, cable grip and screw terminal.*

p/n	Description
2500021	FireStar XP Wi-Fi Module Kit - Wall-Mount Version
2500017	Connection Kit - FireStar XP Wall-Mount Version

## FireStar XP Outdoor Wi-Fi Module Kit



Outdoor wi-fi display and control panel can be used to remotely view operational data and change menu settings on the FireStar II controller. Compatible only with a properly configured FireStar II equipped E-Classic (with software version 6.4x or higher).

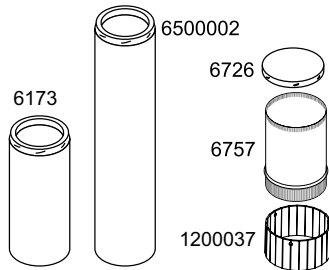
*Kit includes FireStar XP Outdoor Wi-Fi Module, wiring, Quickstart Guide, Operator's Manual and installation instructions.*

**NOTE: Wireless range varies widely with each installation. Prior to purchase, a site survey (using a smartphone or laptop) should be performed to determine if the furnace site is within range of customer's existing wi-fi network. Range is generally up to 100 feet when unobstructed and there is no interference. Uses 802.11 technology.**

p/n	Description
2500070	FireStar XP Outdoor Wi-Fi Module Kit

# CHIMNEY COMPONENTS - CLASSIC, E-CLASSIC AND PALLET BURNER

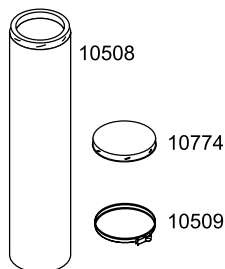
## 8" Classic Stainless Steel Chimney Sections



Type HT listed, factory-built, all stainless steel chimney section. If connecting to Chimney Extension (p/n 10508), use the 8" Chimney Band Clamp Kit (p/n 4518) at the joints. Sections are four feet long. The 8" Chimney Ring (p/n 1200037) is required for Classic furnaces with the square chimney box (requires welding to the furnace).

p/n	Description
6500002	Chimney Extension, 4'
6757	Chimney Conversion Adapter, 8"
6726	Chimney Rain Cap, 8"
1200037	Chimney Ring, 8"
6173	Chimney Section, 8" x 24" for Tower Installation

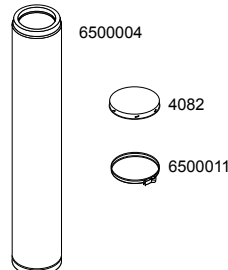
## 8" E-Classic Stainless Steel Chimney Section



8" Stainless steel chimney currently shipped with E-Classic models (except E-CL 1450). Shipped with E-CL 1400 since s/n E100299 and E-CL 2300 since s/n E17856. Compatible with Chimney Extension (p/n 6500002). If connecting to Chimney Extension (p/n 6500002), use 8" Chimney Band Clamp Kit (p/n 4518) at the joints, not Chimney Locking Band (p/n 10509). For outdoor applications only. Not to be used for venting of indoor heating appliances.

p/n	Description
10508	Chimney Extension, 4'
10509	Chimney Locking Band, 8"
10774	Chimney Rain Cap, 8"

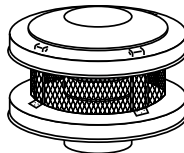
## 6" E-Classic 1450 Stainless Steel Chimney Sections



Type HT listed, factory-built, all stainless steel 6" chimney section. Sections are four feet long. Chimney Locking Band (6500011) should be used at each joint.

p/n	Description
6500004	Chimney Extension, 4'
4082	Chimney Rain Cap
6500011	Chimney Locking Band, 6"

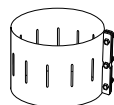
## 6" Chimney Cap



For E-CL 1450 chimney.

p/n	Description
2900342	Chimney Cap

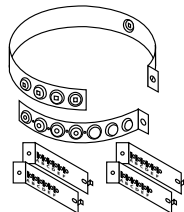
## 6" Chimney Band Clamp Kit



Reinforces strength between two sections of 6" chimney.

p/n	Description
9535	Chimney Band Clamp Kit, 6"

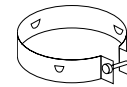
## 6" Chimney Attachment Ring



Used with electrical conduit (not included) to reinforce chimney when five or more sections are used. Must be located directly below 6" Chimney Locking Band (p/n 6500011) to reduce stress on the joint.

p/n	Description
774	Chimney Attachment Ring

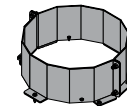
## 6" Chimney Guy-Wire Band



Attached to the outer casing of a 6" chimney to hold three guy-wires (not included). Recommended for chimneys exceeding the roof by 5' to 13' maximum.

p/n	Description
776	Guy-Wire Band

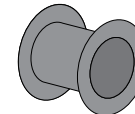
## 6" Chimney Base Brace Kit



Used to reinforce the chimney base when three or more chimney sections are used.

p/n	Description
2500044	Chimney Base Brace Kit, 6"

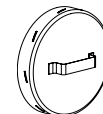
## Chimney Tee Restrictor Kit



Installed in chimney tee to lower the burn rate. For use only with CL 4030, CL 5036 and CL 6048 models.

p/n	Description
10970	Chimney Tee Restrictor Kit

## Chimney Tee Covers

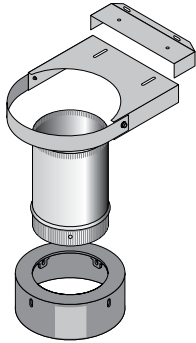


Replacement chimney tee covers.

p/n	Description
6751	8" Cover for Chimney Tee (p/n 10998)
6165	10" Cover for Chimney Tee (p/n 11605)
10775	8" Cover for Chimney Tees (p/n 6500000 and 6500001)
2900319	6" Cover for Chimney Tee (p/n 6500009)

# CHIMNEY COMPONENTS - CLASSIC, E-CLASSIC AND PALLET BURNER

## Chimney Components

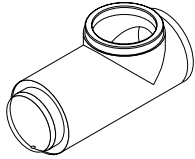


Chimney Adapter Kit (p/n 10895) converts CL 7260 and Pallet Burner models to the new chimney style (p/n 6500002). The conversion will require three Chimney Extensions (p/n 6500002).

### Chimney Extension Components

p/n	Description
10895	Chimney Adapter Kit, 10" to 8", For Pallet Burner and CL 7260 models
6172	Elbow, 8", 45-degree
6173	Chimney Section, 8" x 24" for Tower Installation

## Stainless Steel Chimney Tees



Type HT listed, factory-built, all stainless steel chimney tee. Kit includes chimney tee cover and chimney tee rope rings, unless otherwise noted. NOTE: Silicone (p/n 806) is not included.

p/n	Description
10998	Chimney Tee Kit - CL4030, 5036 and 6048
11605	Chimney Tee Kit - CL 7260 and Pallet Burner
6500000	Chimney Tee* - E-Classic 1400 (s/n E100300 and later), E-Classic 2300 (s/n E17857 and later) and E-Classic 2400
6500001	Chimney Tee* - E-Classic 3200
6500009	Chimney Tee* - E-Classic 1450

\*Kit does NOT include chimney tee rope rings. Must be purchased separately.

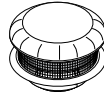
## Rope Ring

Replacement rope ring for chimneys. See table below for applications. When ordering p/n 7674 or 7594, specify the length in feet.

Model	Rope Ring part number	
	Between chimney connector and furnace	Below first chimney section
ECL 1400	3033	7632
ECL 1450	-	7674 (order 2 ft)
ECL 2300	3033	7632
ECL 2400	3033	7632
ECL 3200	3033	7632
CL 4030	3033	7632
CL 5036	3033	7632
CL 6048	3033	7632
CL 7260	7674 / 7594 (order 3 ft of each)	7632

p/n	Description
3033	Rope Ring (only), 1.5" High Density Braid, 8" I.D.
7632	Rope Ring, 3/4", 8" ID
7674	Rope, 7/8", per foot
7594	Rope, 1", per foot

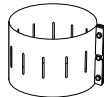
## 8" Spark Arrestor



Stainless steel Spark Arrestor for the new-style chimney (p/n 6500002).

p/n	Description
396	Spark Arrestor

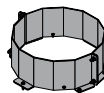
## 8" Chimney Band Clamp Kit



Reinforces strength between two sections of 8" chimney.

p/n	Description
4518	Chimney Band Clamp Kit, 8"

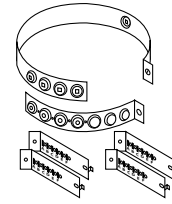
## 8" Chimney Base Brace Kit



Used to reinforce the chimney base when three or more chimney sections are used.

p/n	Description
4519	Chimney Base Brace Kit, 8"

## 8" Chimney Attachment Ring



Used with electrical conduit (not included) to reinforce chimney when five or more sections are used. Must be located directly below 8" Chimney Locking Band (p/n 10509) to reduce stress on the joint.

p/n	Description
774	Chimney Attachment Ring

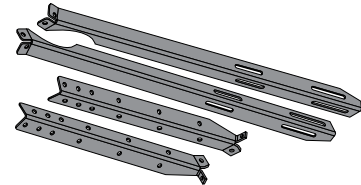
## 8" Chimney Guy-Wire Band Kit



Used to provide additional stability to chimneys in installations where property damage could occur within the fall zone of the chimney. Guy wire is not included in kit.

p/n	Description
778	Chimney Guy-Wire Band Kit

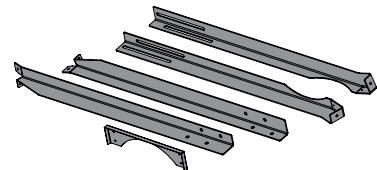
## Chimney Support Brace Kit



Reinforces strength of chimney support when several chimney sections are used. For use only with CL 4030, CL 5036 and CL 6048 models.

p/n	Description
4554	Chimney Support Brace Kit

## Chimney Support Brace Kit

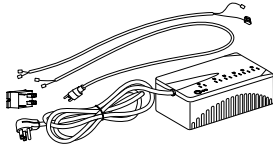


Reinforces strength of chimney support when several chimney sections are used. For use only with CL 7260 and Pallet Burner models.

p/n	Description
8402	Chimney Support Brace Kit

# MAINTENANCE, REPLACEMENT AND OPTIONAL PRODUCTS - MAXIM

## Battery Clean Out Kit



Equips M175 or M250 with a battery back up. Provides power to clean out the burner auger in the event of a back burn condition during a power failure. Kit includes UPS, wiring, relay and brackets for M175 and M250.

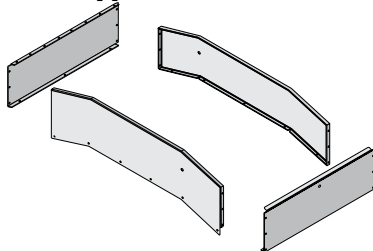
p/n	Description
2500005	Battery Clean Out Kit

## Insulation

Transition Box Service Kit (p/n 4337) includes all insulation pieces for the chimney transition box.

p/n	Description
4337	Transition Box Service Kit
6287	Insulation, Door - M175

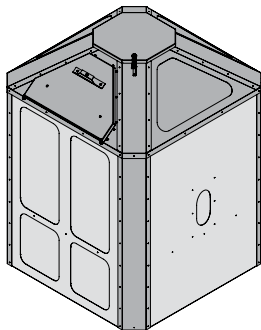
## Hopper Extension Kit



Increases hopper capacity by 3 bushels. For M175 models only.

p/n	Description
4536	Hopper Extension Kit - Green
4537	Hopper Extension Kit - Terra Brown

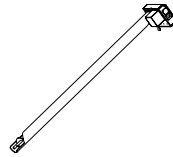
## 48-Bushel Hopper Kit



Increases fuel storage capacity for Maxim M175 and M250 models. Does not include auxiliary auger. Use the 5-1/2' Auxiliary Auger Kit (p/n 2500007) to locate the 48-Bushel Hopper to the side of the outdoor furnace. Available in either green and olive gray or terra brown and taupe to match the Maxim. Dimensions: 48" x 48" x 66".

p/n	Description
9760	48-Bushel Hopper Kit - Green and Olive Gray
9660	48-Bushel Hopper Kit - Terra Brown and Taupe

## Auxiliary Auger Kits for Maxim

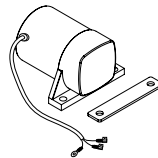


Transfer augers for external hoppers. Use 5-1/2' Auxiliary Auger Kit (p/n 2500007) with the 48-Bushel Hopper Kit (p/n 9660 or 9760) when the hopper is located to the side of the furnace. The 6' Auxiliary Auger Kit (p/n 2500008) and 8' Auxiliary Auger Kit (p/n 2500009) will not work with the 48-Bushel Hopper.

**NOTE: For furnaces with a serial number prior to M16073, the Power Cord (p/n 4177) must be purchased separately.**

p/n	Description
2500008	Auxiliary Auger Kit, 6'
2500007	Auxiliary Auger Kit, 5-1/2'
2500009	Auxiliary Auger Kit, 8'
4177	Power Cord (see note above)

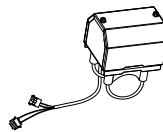
## Hopper Vibrator Kit



Vibrator attaches to the side of the Maxim's integrated hopper to keep fuel from bridging. Templates provided for both M175 or M250 models.

p/n	Description
9691	Hopper Vibrator Kit

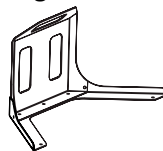
## Auxiliary Auger Vibrator w/Timer Kit



Vibrator is installed on the auxiliary auger connected to an external 43-bushel or 48-bushel hopper. For use with Auxiliary Auger Kits 2500007, 2500008 and 2500009 only. Vibration occurs based on timer setting.

p/n	Description
9458	Auxiliary Auger Vibrator w/Timer Kit

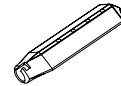
## Bag Holder Kit



Bag Holder attaches to the inside of the door of the 48-Bushel Hopper to support bag of fuel.

p/n	Description
9804	Bag Holder Kit

## Aerator



The aerator supplies oxygen to the fuel for the most complete combustion.

p/n	Description
9710	Aerator, Stainless Steel

## 3/8" Cleaning Rod



Used to clean burn chamber.

p/n	Description
317	3/8" Cleaning Rod

## Ash Scoop



4-Quart galvanized Ash Scoop is ideal for cleaning ashes from furnace.

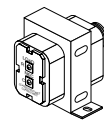
p/n	Description
315	Ash Scoop

## Round Pipe Caps



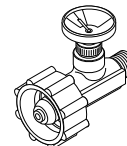
p/n	Description
332	3/4" Round Pipe Cap
333	1-1/4" Round Pipe Cap

## 24V Transformer



p/n	Description
4045	24V Transformer

## Propane Shut-off with Level Indicator



Used to monitor propane in a BBQ-style tank with Type 1 Acme threads connected to a Maxim furnace.

p/n	Description
4220	Propane Shut-off with Level Indicator

# MAINTENANCE, REPLACEMENT AND OPTIONAL PRODUCTS - MAXIM

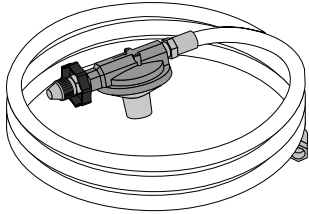
## Power Supply Cord



May be used to wire pumps when installed on furnaces. Includes strain relief.

p/n 4177 Description Power Cord, 48"

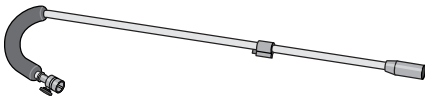
## Gas Hose w/Regulator



For use with M175 models only. Not recommended for use in cold weather.

p/n 5567 Description Gas Hose w/Regulator

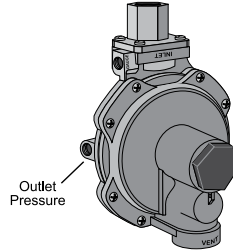
## Outdoor Torch



Torch design allows easy starting of the fire in E-Classic and Maxim models.

p/n 2900325 Description Outdoor Torch

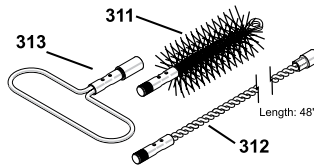
## 2-Stage Gas Regulator Kit



Regulates the gas pressure from an LP tank. For all E-Classic or Maxim models.

p/n 1930 Description 2-Stage Gas Regulator Kit

## Flue Brush & Handle



Used to clean the flue passageways of M175 models. Flue Brush Kit (p/n 310) includes 311, 312 and handle. Not to be used for cleaning 6" or 8" chimney.

p/n 310 Description Flue Brush Kit

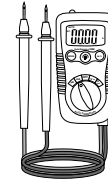
## Flue Brush & Handle



Used to clean the flue passageways of M250 models. Flue Brush Kit (p/n 390) includes 398, 312 and handle. Not to be used for cleaning 6" or 8" chimney.

p/n 390 Description Flue Brush Kit

## Digital Pocket Multimeter



Digital multimeter performs several electrical measurement functions in one simple-to-use instrument.

p/n 2657 Description Digital Pocket Multimeter



# OPTIONAL PRODUCTS AND CHIMNEY COMPONENTS - MAXIM

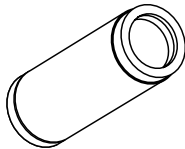
## 6" Maxim Stainless Steel Chimney Sections



Type HT listed, factory-built, all stainless steel 6" chimney section. Sections are four feet long.

p/n	Description
6797	Chimney Extension, 4'
4082	Chimney Rain Cap

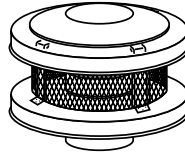
## Maxim Chimney Lengths



Three lengths of insulated chimney to obtain the required installation height. Features a 1/8-turn Twist-Lock assembly.

p/n	Description
757	Chimney Length, 12"
758	Chimney Length, 24"
759	Chimney Length, 36"

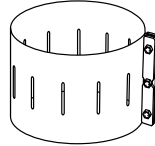
## 6" Chimney Cap



For 6" chimney.

p/n	Description
2900342	Chimney Cap

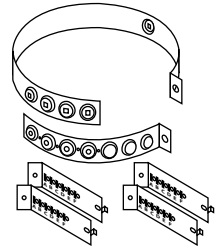
## 6" Chimney Band Clamp Kit



Reinforces strength between two sections of 6" chimney.

p/n	Description
9535	Chimney Band Clamp Kit, 6"

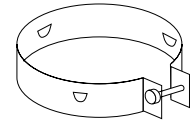
## Chimney Attachment Ring



For use on an interior or exterior wall, stabilizes chimney while providing required clearance from combustible surface. Use of Chimney Attachment Rings at maximum intervals of 8' is recommended.

p/n	Description
774	Chimney Attachment Ring

## Guy-Wire Band



Attached to the outer casing of the chimney to hold three guy-wires (not included). Recommended for chimneys exceeding the roof by 5' to 13' maximum.

p/n	Description
776	Guy-Wire Band



# NUMERICAL PARTS LIST

100	Soldering Flux (6 oz.)	10	300	Ash Rake	17	617	Disconnect Clip, 3/4"	15
101	Hot Filter, 3/4" FIP	12	301	Air Handler Cabinet, 100k-140k Btu, front access	4	618	Disconnect Clip, 1"	15
102	Heat Exchanger Coil, 95k Btu	2	303	Air Handler Cabinet, 185k-220k Btu, front access	4	671	2-Way Zone Valve, 24-Volt, 1" sweat fittings	11
103	Street Elbow, 1"	14	306	Radiant Mixing Valve, 1/2" NPT fittings	11	700	Draft Inducer, Flat Front Door	17
104	Clamp Crimp Ring Removal Tool	7	310	Flue Brush Kit	18, 24	704	Heat Exchanger Coil, 125k Btu, 90' outlets	2
105	Hex Bushing, 1-1/2" x 3/4"	10	314	Nipple, 1-1/2" x close	10	757	Chimney Length, 12"	25
106	Heat Exchanger Coil, 100k Btu	2, 3	315	Ash Scoop	23	758	Chimney Length, 24"	25
107	Heat Exchanger Coil, 125k Btu, straight outlets	2	317	3/8" Cleaning Rod	23	759	Chimney Length, 36"	25
108	Heat Exchanger Coil, 140k Btu	2, 3	318	Heat Exchanger, Water-to-Water, Double Wall, 42"	8	774	Chimney Attachment Ring	21, 22, 25
109	Heat Exchanger Coil, 80k Btu	2	320	Vent Cap	17, 19	776	Guy-Wire Band	21, 25
110	Heat Exchanger Coil, 185k Btu	2	321	Space Heater Cabinet	3	778	Chimney Guy-Wire Band Kit	22
111	Heat Exchanger Coil, 220k Btu	2	322	Fan	2	806	Black Silicone Adhesive, High Temperature, 10.1 oz.	16
112	Vent Elbow, 1" x 1" sweat fittings	14	323	Transition	2	848	Motor Frame	2
113	Replacement Head	11	324	Crimp Ring Tool, 1/2"	6	849	Transition	2
114	3-Way Zone Valve, 24-Volt, 1" sweat fittings	11	325	Hex Bushing, 3/4" x 1/2"	10	851	Fan Blades	2
116	Male Adapter, 3/4" sweat x 3/4" MIP fittings	14	327	Radiant Mixing Valve, 3/4" NPT fittings	11	956	90' Elbow, 3/4" x 3/4" FPT	3, 10
117	Female Adapter, 3/4" sweat x 3/4" FIP fittings	14	329	Radiant Mixing Valve, 1" NPT fittings	11	1097	Universal 5x12 Plate Heat Exchanger Mounting Kit	8
118	Nipple, 3/4" x close	10	330	3-Way Valve, Brass 3/4" FIP	11	1247	Well, 1/2" NPT fitting	13
119	Pump Flange Kit, 3/4"	5	331	Pipe Plug, 3/4"	10	1248	Well, SS, 1/2" NPT fitting	13
120	Male Adapter, 1" sweat x 1" MPT fittings	14	332	3/4" Round Pipe Cap	23	1267	Line Voltage Thermostat	13
123	90' Reducing Elbow, Copper Pipe, 1" x 3/4" sweat fittings	14	333	1-1/4" Round Pipe Cap	23	1272	Pump Flange Kit, 1-1/4"	5
124	45' Street Elbow, 3/4"	10	336	Pipe Plug, 1-1/2"	10	1280	Fan Motor	2
126	90' Street Elbow, Brass, 3/4"	10	340	Relay	3	1302	Central PEX 1" Pipe, 10' straight section, 5 per bag	6
127	3-Way Zone Valve, 24-Volt, 3/4" sweat fittings	11	342	Switch, ON/OFF	3	1303	Central PEX 1" Pipe, 10' straight section, 20 per bag	6
128	Plate Exchanger, MPN 5 x 12-40, 1-1/4" Port	8	353	Louvers, fit Heat Exchanger Coil (p/n 111)	2	1310	Water Softener Cartridge	16
129	Plate Exchanger, MPN 5 x 12-50, 1-1/4" Port	8	354	Louvers, fit Heat Exchanger Coil (p/n 108)	2	1311	Central PEX 1" Pipe, 100'	6
133	Tee, Black, 3/4" NPT	10, 16	355	Louvers, fit Heat Exchanger Coil (p/n 106)	2	1312	Central PEX 1" Pipe, 200'	6
134	Purging and Filling Tee, 1"	11	359	Door Seal Rope, 7/8", 8' for CL 4030, 5036	17	1313	Central PEX 1" Pipe, 300'	6
138	Tee, Copper Pipe, 1" x 1" x 1" sweat fittings	14	360	Door Seal Rope, 7/8", 9' for CL 6048	17	1314	Central PEX 1" Pipe, 500'	6
140	Tempering Valve, 3/4" sweat fittings	11	361	Door Seal Rope, 1", 12' for CL 7260	17	1320	Central PEX 1/2" Pipe, 300'	6
145	Crimp Ring Tool, 1"	6	362	Door Seal Kit, for CL 4030, 5036	17	1321	Central PEX 1/2" Pipe, 500'	6
146	Copper Coupling, 3/4" sweat x 3/4" sweat fittings	14	363	Door Seal Kit, for CL 6048	17	1322	Central PEX 1/2" Pipe, 1000'	6
147	Copper Coupling, 1" sweat x 1" sweat fittings	14	364	Door Seal Kit, for CL 7260	17	1323	Decoiler	16
148	Water-to-Water Heat Exchanger, Shell & Tube, 27"	9	365	Door Seal Kit, for Pallet Burner	17	1324	PEX Adapter, 1" PEX x 1" MIP fittings	6
151	Water-to-Water Heat Exchanger, Shell & Tube, 60"	8	367	Door Seal Rope, 1", 23' for Pallet Burner	17	1325	Solder	10
153	Litmus Paper	16	368	Plug-in Thermostat	13	1329	Manifold w/Valves, 3-Loop	8
154	Blower & Motor, 1/4-hp 3-speed fan	3	372	Vent Elbow, 3/4" x 3/4" sweat fittings	14	1330	PEX Adapter, 1" PEX x 3/4" MIP fittings	6
163	Tempering Valve, 1/2" sweat fittings	11	373	Drain Coupling, Copper Pipe, 3/4" x 3/4" sweat fittings	14	1331	PEX Adapter, 1" PEX x 1" sweat fittings	6
164	Female Adapter, 1" sweat x 3/4" FIP fittings	14	376	Copper End Cap, 1" sweat fitting	8, 14	1332	PEX Tee, 1"	6
166	Sludge Conditioner, 1 gal.	16	378	Cleaning Brush, 3/4"	10	1333	PEX Coupling, 1"	6, 7
167	Solenoid, 1-5/8" center-to-center bracket hole	17	379	Cleaning Brush, 1"	10	1334	PEX 90' Elbow, Brass, 1"	6
169	Adjustable Aquastat	13	380	Male Adapter, 1-1/4" barb x 1-1/4" MIP	13	1335	PEX Crimp Ring, 1"	6
174	Temp. Gauge, 1/2" MPT	16	381	Brass Coupling, 1-1/4" barb x 1-1/4" barb	7, 13	1336	PEX Adapter, 1/2" PEX x 3/4" MIP fittings	6
175	Taco 006 Bronze Pump	5	382	Brass Elbow, 1-1/4" barb x 1-1/4" barb	13	1337	PEX Adapter, 1/2" PEX x 1/2" sweat fittings	6
177	Heat Exchanger, Water-to-Water, Shell & Tube, 48"	9	383	Pipe Plug, 1-1/4"	10	1338	PEX Tee, 1/2"	6
178	Reducing Tee, 1-1/2" x 1" x 1" sweat fittings	14	385	Brass Hex Bushing, 1-1/2" x 3/4"	10	1339	PEX Coupling, 1/2"	6
180	Hex Bushing, 3/4" x 1/8"	10, 16	386	PEX 1-1/4" Pipe, 300'	13	1340	PEX 90' Elbow, Brass, 1/2"	6
182	Baseboard Corner, Inside	14	388	Hex Bushing, 1-1/4" x 3/4"	10	1341	PEX Adapter, 1/2" PEX x 1/2" MIP fittings	6
183	Baseboard Corner, Outside	14	390	Flue Brush Kit	18, 24	1342	PEX Crimp Ring, 1/2"	6
186	Ball Valve, 1/2"	11	395-011	Manifold	12	1348	PEX Adapter, 1/2" PEX x 1/2" FIP fittings	6
188	24-Volt Transformer	13	396	Spark Arrestor	22	1349	Manifold w/Valves, 2-Loop	8
191	Pool Aquastat, 1/2" NPT fitting	13	399	Fixed Aquastat, 190 F	13	1350	Temperature Gauge Fitting, 1" Push-fit x 1/8" NPT	15
194	Pump Flange Kit, 1"	5	400	Draft Inducer, Side Draft	17	1360	PEX Piping Mounting Kit	7
195	PEX Pipe Cutter	6	403	Permanganate	16	1365-011	Mounting Bracket for 3/4" NPT Thermostatic Valve	12
198	Ball Valve, 3/4" Full Port	11	404	Sulfuric Acid	16	1366	Pump Wall Mount Kit	5
199	Brass Hose Bib, 3/4" MPT	11	405	Water Test Kit, Complete	16	1370-011	Mounting Bracket for 1-1/4" NPT Thermostatic Valve	12
200	Sweat Ball Valve, 3/4" x 3/4" sweat fittings	11	407	Cast Iron Manifold	12	1548	3/4" NPT Thermostatic Valve Fittings Kit	12
201	Flow Check Valve, 1" threaded	11	408	Hex Bushing, 1-1/2" x 1-1/4"	10	1624	1-1/4" NPT Thermostatic Valve Fittings Kit	12
202	Cartridge, #10	12	409	Nipple, 1-1/4" x close	10	1650	Corrosion Inhibitor Plus	16
203	Blower & Motor, 1/15-hp	3, 17	410	Ball Valve, 1-1/4"	11	1694	Y-Strainer, 1-1/4" Black	12
204	Adjustable Aquastat	13	411	90' Street Elbow, 1-1/4"	11	1695	Y-Strainer, 3/4" Brass	12
208	Blower & Motor, 1-hp, 3-speed fan	3	412	Hex Bushing, 1-1/4" x 1/2"	3	1740	Thermostat Kit, 150 F	12
209	Fan/Motor Assembly for 6774, 6775, and 6780	4	415	Transition	3	1745	Central Boiler Clamp, 1-1/4"	6
210	Fan/Motor Assembly for 6773 Myson Whispa II Kickspace 9000 Fan Convactor	4	416	Transition	3	1880	Manifold w/o Valves, 2-Loop	8
211	Fan/Motor Assembly for 6771	4	418	Tee, Black, 1-1/4" NPT	10	1885	Manifold w/o Valves, 3-Loop	8
212	Blower Motor for 6778 Myson Slim-Line RC Fan Convactor	4	500	Draft Inducer, Ripple Front Door	17	1910	Fan Convactor, Corner, 7k Btu	3
213	Fan/Motor Assembly for 6777	4	503	Fan Center Relay	16	1938	2-Stage Gas Regulator Kit	19, 24
214	Fan Switch for 6776 Myson Lo-Line RC 6-4 Fan Convactor	4	533	Nipple, 3/4" x 2"	10	1939	Air Filter, 10" x 10" x 1"	3
215	Filter, Fan Convactor, 16-60, 10-3/8x11-3/4	4	534	Nipple, 3/4" x 7"	10	1940	Fan Motor	3
216	Filter, Fan Convactor, 7-4, 3-1/2x17	4	535	Nipple, Brass, 3/4" x 2"	10	1941	Fan Convactor, Wall Mount, 7k Btu	3
217	Filter, Fan Convactor, 6-4, 5-1/4x11-1/2	4	536	Nipple, Brass, 3/4" x 7"	10	1970	Ash Shovel	18
222	Replacement Cartridge, 006 Series Pumps	5	537-011	Door Lock Kit, for other Cam Loc models (including CL 7260 cast-iron door)	17	1971	Fan Convactor, 26k Btu	3
224	"Free Floating" Flange Kit, 3/4"	5	542	O-Ring Set	5	2053	Fittings Kit	9
225	Isolation Flange Kit, 1-1/4"	5	555	Power Supply Cord, 48"	5	2441	ThermoPEX, 1", 100' Roll	7
226	Isolation Flange with Drain Valve, 3/4"	5	556	Power Supply Cord, 32"	5	2443	ThermoPEX Cap, 1"	7
230	Baseboard Joiner	14	571	2-Way Zone Valve, 24-Volt, 3/4" sweat fittings	11	2447	ThermoPEX Coupling Kit, 1"	7
231	Reducer, Copper Pipe, 1" x 3/4" sweat fittings	14	573	Y-Strainer, 1" Brass	12	2491	ThermoPEX, 1", 800' Roll	7
232	Baseboard End Cap, Left	14	574	Pipe Plug, Brass 3/4"	10	2492	ThermoPEX, 1-1/4", 300' Roll	7
233	Baseboard End Cap, Right	14	587	Multi-stage 24-Volt Thermostat	13	2494	ThermoPEX Cap, 1-1/4"	7
234	Baseboard, Complete, 2'	14	588	Programmable 24-Volt Thermostat	3, 13	2495	ThermoPEX Coupling Kit, 1-1/4"	7
235	Baseboard, Complete, 3'	14	591	Water-to-Water Heat Exchanger, 40"	9	2657	Digital Pocket Multimeter	24
236	Baseboard, Complete, 4'	14	597	Water Test Kit, Complete, Anti-Freeze Compatible	16	2799	ThermoPEX, 1-1/4", 100' Roll	7
237	Baseboard, Complete, 5'	14	600	Panel Radiator, 32" x 16"	9	3033	Rope Ring (only), 1.5" High Density Braid, 8" I.D.	22
238	Baseboard, Complete, 6'	14	601	Panel Radiator, 35-1/2" x 24"	9	3042	Brass Hex Bushing, 1/2" x 1/8"	2
255	Tee, Copper Pipe, 3/4" x 3/4" x 3/4" sweat fittings	14	602	Panel Radiator, 51-1/2" x 24"	9	3822	Kit for 301 - back water access	4
274	90' Street Elbow, 3/4"	14	603	Panel Radiator, 55-1/4" x 24"	9	3825	Kit for 303 - back water access	4
276	90' Elbow, Copper Pipe, 3/4" x 3/4" sweat fittings	14	605	Panel Radiator, 55-1/2" x 24"	9	3850	Tee, Brass, 3/4" NPT	10
277	90' Elbow, Copper Pipe, 1" x 1" sweat fittings	14	606	LKD Valve Body with No Cap, 1/2" Preset Flow Rate	9	3851	Brass Hex Bushing, 1-1/4" x 3/4"	10
286	Automatic Vent Valve	11	607	Coupling, Straight, 1/2" x 1/2"	15	4045	24V Transformer	23
287	Heat Exchanger Coil, 50k Btu	2	608	Coupling, Straight, 3/4" x 3/4"	15	4082	Chimney Rain Cap	21, 25
290	Fixed Aquastat, 175 F	13	609	Coupling, Straight, 1" x 1"	15	4177	Power Cord, 48"	23, 24
293	PEX Hanger, 1/2"	7	610	Coupling, Reducing, 1" x 3/4"	15	4184	Solenoid, 1-3/8" center-to-center bracket hole	17
295	PEX Hanger, 1"	7	611	Female Adapter, 1/2" x 1/2" FPT	15	4220	Propane Shut-off with Level Indicator	23
296	Brass Swing Check Valve, 3/4"	11	612	Female Adapter, 1" x 1" FPT	15	4327	Cam Loc Bushing/Collar for CL 6048/Pallet Burner	17
297	Ashtrol, 6.25 lbs	17	613	Male Adapter, 1" x 3/4" MPT	15	4328	Cam Loc Bushing/Collar for CL 7260	17
299	Ash Shovel	17	614	Elbow, 1" x 1"	15	4337	Transition Box Service Kit	23
			615	Tee, 1" x 1" x 1"	15	4472	Ratchet Cinch Tool	6
			616	Depth Gauge/Deburring Tool	15	4518	Chimney Band Clamp Kit, 8"	22
				Disconnect Clip, 1/2"	15	4519	Chimney Base Brace Kit, 8"	22
						4536	Hopper Extension Kit - Green	23

# NUMERICAL PARTS LIST

4537	Hopper Extension Kit - Terra Brown	23
4554	Chimney Support Brace Kit	22
4928	Brass Adapter, 3/4" female hose x 3/4" male pipe	12
4929	Brass Adapter, 3/4" male hose x 3/4" male pipe	12
4976	Copper Tee, 1" x 1" x 1/2"	10
5052	Indoor Water Temperature Indicator Kit	16
5348	Cap, Brass, 3/4"	11
5349	Washer, 3/4"	11
5367	Brass Coupling, 3/4" thread	12
5459	Pipe Plug Wrench Set	10
5549	Draft Inducer, CL 7260 High Output	17
5567	Gas Hose w/Regulator	24
5575	Door Lock Kit, for steel-door CL 7260 and Pallet Burner	17
5634	Plate Exchanger, 10 x 20-40, 1-1/2" Port	8
5635	Plate Exchanger, 10 x 20-50, 2" Port	8
5636	Plate Exchanger, 5 x 12-50, 1-1/4" Port	8
5637	Plate Exchanger, 5 x 12-70, 1-1/4" Port	8
5642	Brass Clamp Fittings, 1"	6
5643	Brass Clamp Fittings, 1-1/4"	6
5670	PEX 1-1/4" Pipe, 150'	13
5734	Plate Exchanger, 5 x 12-6, 3/4" Port	8
5738	Plate Exchanger, MPN 5 x 12-10, 1" Port	8
5744	Plate Exchanger, 5 x 12-30, 1" Port	8
5775	Time Delay Relay	17
5807-011	Plate Mounting Bracket	8
5842	Plate Exchanger, MPN 5 x 12-24, 1-1/4" Port	8
5871	Brass Swing Check Valve, 1-1/4"	11
5907	Brass Pipe Union, 3/4"	10
5908	Brass Pipe Union, 1"	10
5909	Brass Pipe Union, 1-1/4"	10
5925	Cinch Tool	6
5926	PEX Stainless Steel Clamp Crimp Ring, 1"	6
5927	PEX Stainless Steel Clamp Crimp Ring, 1/2"	6
5978	Central Boiler Clamp, 1"	6
6054	Temp. Gauge, 1/8" MPT	16
6165	10" Cover for Chimney Tee (p/n 11605)	21
6172	Elbow, 8", 45-degree	22
6173	Chimney Section, 8" x 24" for Tower Installation	21, 22
6287	Insulation, Door - M175	23
6557	Pipe Plug, Brass 1/2"	10
6576	Draft Inducer, CL 7260 Dual Fuel (w/fuses)	17
6593	Grounding Rod Kit	16
6679	Female Adapter, 1/2" barb x 1/2" sweat fittings	6
6726	Chimney Rain Cap, 8"	21
6751	8" Cover for Chimney Tee (p/n 10998)	21
6757	Chimney Conversion Adapter, 8"	21
6764	Brass Offset Tee, 4"	10
6773	Myson Whispa II Kickspace 9000 Fan Convactor	4
6776	Myson Lo-Line RC 6-4 Fan Convactor	4
6778	Myson Slim-Line RC Fan Convactor	4
6782	Diverter Tee, 1" x 1" x 1/2"	10
6797	Chimney Extension, 4"	25

7594	Door Seal Rope, 1", priced per ft	17, 22
7632	Rope Ring, 3/4", 8" ID	22
7674	Rope, 7/8", per foot	17, 22
8364	Backflow Preventer, 3/4"	12
8402	Chimney Support Brace Kit	22
8560	Firebrick, 4.5" x 4.5" x 1.25"	18
8566	Firebrick, 9" x 4.5" x 1.25"	18
9263	Push-fit Fittings Water Heater Kit	9, 15
9264	Connector, Straight, 3/4" x 3/4" MIP	15
9265	Elbow, 3/4" x 3/4"	15
9439	Cleaning Rod, E-Classic	18
9458	Auxiliary Auger Vibrator w/Timer Kit	23
9535	Chimney Band Clamp Kit, 6"	21, 25
9597	Heat Exchanger Mounting Kit	8
9624	Tee, Brass, 3/4"	10
9660	48-Bushel Hopper Kit - Terra Brown and Taupe	23
9691	Hopper Vibrator Kit	23
9710	Aerator, Stainless Steel	23
9760	48-Bushel Hopper Kit - Green and Olive Gray	23
9804	Bag Holder Kit	23
10141	Firebrick, 4" x 4.5"	18
10508	Chimney Extension, 4"	21
10509	Chimney Locking Band, 8"	21
10588	Natural Gas Conversion Kit, E-Classic 1400/2400	18
10598	Natural Gas Conversion Kit	18
10691	Wonder Bar	18
10774	Chimney Rain Cap, 8"	21
10775	8" Cover for Chimney Tees (p/n 6500000 and 6500001)	21
10895	Chimney Adapter Kit, 10" to 8", For Pallet Burner and CL 7260 models	22
10902	HeatTrac Controller Update Kit (Models with Removable Side Panel Cover)	17
10904	HeatTrac Controller Update Kit (Models with Hinged Controller Door)	17
10970	Chimney Tee Restrictor Kit	21
10998	Chimney Tee Kit - CL 4030, 5036 and 6048	22
11157	Nipple, Schedule 80, Black, 1-1/4" x 3"	10
11605	Chimney Tee Kit - CL 7260 and Pallet Burner	22
1200033-011	Manifold, 1-1/4" Inlet x (4) 3/4" Outlets	12
1200034-011	Manifold, 1-1/4" Inlet x (4) 1-1/4" Outlets	12
1200037	Chimney Ring, 8"	21
2000127	Heat Exchanger Scraper, E-Classic 1450	18
2000128	Heat Exchanger Scraper, E-Classic 3200	18
2000145	Blower & Motor	17
2500000	LP Gas Burner Kit, E-Classic 1450 IR Models	18
2500001	Natural Gas Conversion Kit, E-Classic IR Models	18
2500002	LP Gas Burner Kit, E-Classic 1400 IR Models	18
2500003	LP Gas Burner Kit, E-Classic 2400 IR Models	18
2500004	LP Gas Burner Kit, E-Classic 3200 IR Models	18
2500005	Battery Clean Out Kit	23
2500007	Auxiliary Auger Kit, 5-1/2"	23
2500008	Auxiliary Auger Kit, 6"	23

2500009	Auxiliary Auger Kit, 8"	23
2500010	Transformer	3
2500013	Fittings Kit, threaded ports	8
2500017	Connection Kit - FireStar XP Wall-Mount Version	20
2500018	Connection Kit - FireStar XP Desktop Version	20
2500021	FireStar XP Wi-Fi Module Kit - Wall-Mount Version	20
2500022	FireStar XP Wi-Fi Module Kit - Desktop Version	20
2500024	3/4" NPT Thermostatic Valve Kit	12
2500025	1-1/4" NPT Thermostatic Valve	12
2500027	Door Seal Kit, Silicone, for E-Classic 2300, 2400 and 3200	18
2500028	Door Seal Kit, Silicone, for E-Classic 1400 and 1450	18
2500029	Cam Loc Bushing/Collar	17
2500044	Chimney Base Brace Kit, 6"	21
2500049	Cam Loc Bushing/Collar	17
2500070	FireStar XP Outdoor Wi-Fi Module Kit	20
2900001	Hoe	17
2900002	PEX Piping Clip Gun	7
2900003	PEX Piping Clips, 100 qty.	7
2900319	6" Cover for Chimney Tee (p/n 6500009)	21
2900325	Outdoor Torch	19, 24
2900341	Universal Crimp Tool, 14-24 AWG	19
2900342	Chimney Cap	21, 25
4050004	Firebrick, 6.625" x 4.5" x 1.25"	18
5000015	Nipple, Schedule 80, Black, 1-1/4" x 2-1/2"	10
5000016	90° Elbow, Black, 1-1/4"	10
5000017	45° Street Elbow, 1-1/4"	10
5000083	Purge Tee, Drain, Brass, 3/4" female	11
5000318	Water Heater Mixing Valve, 3/4" NPT fittings, lead free	11
5000377	TRV II Valve Body, 1/2" Vertical	9
5000378	TRV II Valve Head, 1/2" Vertical	9
5800004	Taco 007 Pump	5
5800005	Replacement Cartridge, Bronze, 007 Series Pumps	5
5800006	Taco 009 Pump	5
5800007	Replacement Cartridge, 009 Series Pumps	5
5800008	Taco 014 Pump	5
5800009	Replacement Cartridge, 014 Series Pumps	5
5800010	Replacement Cartridge, Bronze, 011 Series Pumps	5
5800011	Taco 007 Priority Pump	5
6000006	Door Seal only for E-Classic 1400 and 1450	18
6000007	Door Seal only for E-Classic 2300, 2400 and 3200	18
6500000	Chimney Tee - E-Classic 1400 (s/n E100300 and later), E-Classic 2300 (s/n E17857 and later) and E-Classic 2400	22
6500001	Chimney Tee - E-Classic 3200	22
6500002	Chimney Extension, 4"	21
6500004	Chimney Extension, 4"	21
6500009	Chimney Tee - E-Classic 1450	22
6500011	Chimney Locking Band, 6"	21
8200008	Non-programmable 24-Volt Thermostat	3, 13

# DEFINITIONS

## ASTM

American Society for Testing and Materials. Publishes standard specifications for terminology, labeling, testing and production.

## British Thermal Unit (Btu)

The British thermal unit is a unit of measure equal to the amount of heat necessary to raise the temperature of one pound of water one degree Fahrenheit.

## Conduction

A process of heat transfer whereby heat moves through a material or between two materials that are in direct contact with each other.

## Convection

The transfer of heat by movement of a liquid or a gas. Natural Convection is a result of movement caused by changes in density as temperature changes within a fluid medium such as a liquid or a gas. Forced Convection is the result of mechanical force moving a fluid or gas.

## Crimp

An insert fitting for Central PEX tubing. A crimp requires a crimp ring or clamp of comparable quality.

## Cross-Linking

A chemical process that changes the molecular structure of a plastic material by linking otherwise independent hydrocarbon chains. Cross-Linking creates a three-dimensional network of hydrocarbons.

## Differential Temperature ( $\Delta T$ )

The difference in temperature between two opposing masses used to describe the potential that exists for heat transfer.

## FIP

Female iron pipe thread.

## FPT

Female American National Taper Pipe Thread.

## HDPE

Abbreviation for high-density polyethylene.

## Head Pressure

The pressure available at the outlet side of a pump, or inlet side of a flow-conducting system. It is expressed in feet of head, which is the height of a column of water that can be supported by a pump against standard atmospheric pressure.

## Heating Load

The amount of energy (in Btu/hr) required for space heating.

## Heat Loss

The transfer of heat from a contained space to the atmosphere surrounding it. Heat loss is the result of thermal conductivity through walls, windows, roofs and other building envelope components, as well as infiltration losses due to the exchange of inside air with outside air.

## Infiltration Losses

The loss of heat energy due to infiltration which is expressed in Btu/hr. Infiltration losses are calculated from the air changes per hour, differential indoor/outdoor temperature and the heat carrying capability of the lost air.

## Mean Radiant Temperature

The average temperature of all the surfaces in a room.

## MPT

Male American National Taper Pipe Thread.

## NPT

American National Taper Pipe Thread is a standard thread used in the US.

## PE

Abbreviation for polyethylene.

## Perimeter Area

Describes the first four feet around the exposed perimeter of the slab.

## PEX

Abbreviated for cross-linked polyethylene.

## Pressure Loss

The loss of fluid pressure between any two points in a flow-conducting system, expressed in pounds per square inch (psi). The loss of pressure is caused by friction against the tubing walls and is further influenced by the tubing size, length and texture of the inside wall of the tube, fittings, valves and other components. Pressure loss is also influenced by the temperature and viscosity of the fluid.

## R-Value

A measure of a material's ability to resist the flow of heat. R-Value is expressed in Btu/hr/ft<sup>2</sup> and calculated by the formula  $1/U=R$ .

## Radiation

The process in which energy in the form of rays of light or heat is transferred from body to body without heating the intermediate air acting as the transfer medium.

## Sweat Fitting

Soldered copper pipe fitting.

## Upward Load

The amount of Btu·hr required to overcome the envelope losses of the room.

## Under-Slab Insulation

The amount of insulation (expressed in R-Value) under the interior area of the slab.

## Thermal Conductivity (K)

A property of materials that indicates the amount of heat (in Btu) that penetrates one square foot of a uniform material one inch thick in one hour for each degree Fahrenheit difference in temperature between the surfaces. It is expressed in Btu/(hr/ft<sup>2</sup>/°F). The thermal conductivity of PEX is 0.22 Btu/(hr/ft<sup>2</sup>/°F).

## Thermal Mass

Any material used to store heat energy or the affinity for heat energy.

## U-Value

The capability of a material to transfer heat. Used to describe the conductance of a material or composite of materials in construction. U-Value is expressed in Btu/hr/ft<sup>2</sup> and is the inverse function of R-Value.

## Velocity

The speed of fluid at a specific flow, expressed in feet per second (fps or ft/sec).

## Zone

An area of a radiant panel served by one or more loops, and individually controlled (either manually or automatically).