WoodMaster®

Parts & Accessories

Heating System and Outdoor Furnace Products

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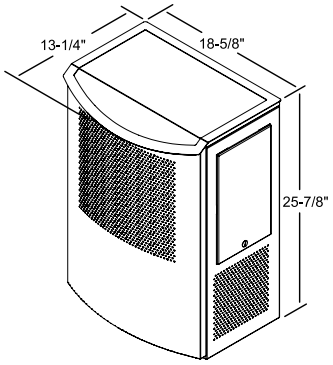
Heat Exchangers - Water-to-Air

IMPORTANT INFORMATION ABOUT BTU RATINGS:

Btu outputs and ranges are provided for comparison only. Actual Btu output will vary depending on a number of factors such as flow gpm, airflow cfm and water and air temperatures. Btu ratings assume high input factors and may not be achieved in actual installations and/or configurations with lower input factors.

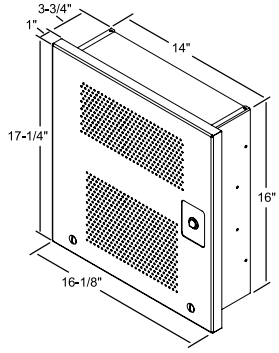
Fan Convector (26k Btu)



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.

1971	Fan Convector, 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	
343	Snap Disc
342	Switch, ON/OFF
2500703	Fan Motor
340	Relay
2500010	Transformer

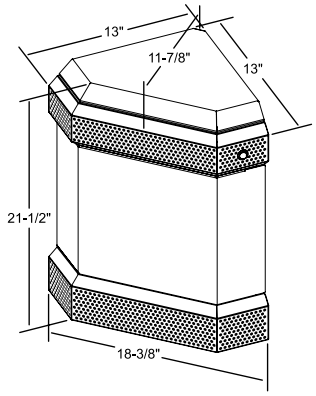
Fan Convector, Wall Mount (7k Btu)



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.

1941	Fan Convector, Wall Mount, 7k Btu
588	Programmable 24-Volt Thermostat
8200008	Non-programmable 24-Volt Thermostat
Replacement Components	
343	Snap Disc
342	Switch, ON/OFF
1940	Fan Motor
340	Relay
2500010	Transformer

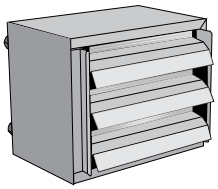
Fan Convector, Corner (7k Btu)



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.

1910	Fan Convector, Corner, 7k Btu
588	Programmable 24-Volt Thermostat
8200008	Non-programmable 24-Volt Thermostat
Replacement Components	
343	Snap Disc
342	Switch, ON/OFF
1940	Fan Motor
340	Relay
2500010	Transformer

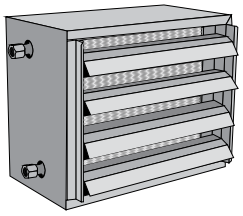
Fan Coil Unit, 50k Btu



50k Btu fan coil unit (3/4" FIP) includes housing, fan, heat exchanger coil and louvers. Btu range: 20k-50k Btu. Approximate dimensions: 16-1/4" x 17" x 13-1/4". Motor: 70 watts. Approximately 588 cfm.

2900544	Fan Coil Unit, 50k Btu
2900610	Replacement Fan, motor and shield, 50k Btu, for 29000544

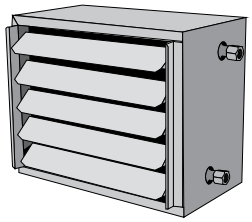
Fan Coil Unit, 100k Btu



100k Btu fan coil unit (3/4" FIP) includes housing, fan, heat exchanger coil and louvers. Btu range: 40k-100k Btu. Approximate dimensions: 21" x 19" x 17". Motor: 180 watts. Approximately 1,352 cfm.

2900545	Fan Coil Unit, 100k Btu
2900611	Replacement Fan, motor and shield, 100k Btu, for 29000545

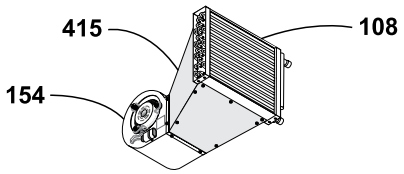
Fan Coil Unit, 220k Btu



220k Btu fan coil unit (3/4" FIP) includes housing, fan, heat exchanger coil and louvers. Btu range: 80k-220k Btu. Approximate dimensions: 31" x 18" x 25". Motor: 330 watts. Approximately 2,823 cfm.

2900546	Fan Coil Unit, 220k Btu
2900612	Replacement Fan, motor and shield, 220k Btu, for 29000546

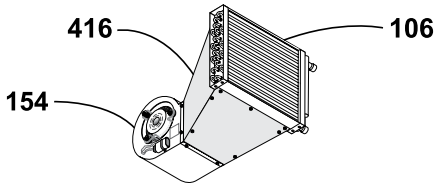
Space Heater (140k Btu)



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

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

Space Heater (100k Btu)

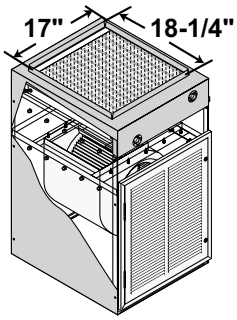


Order the following components for a Space Heater (100k Btu). Some assembly required. Assembled size approximately 19" x 21" x 33".

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

Heat Exchangers - Water-to-Air

Air Handler Cabinet



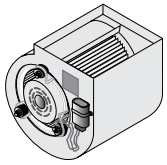
Two sizes allow multiple applications from 100k Btu to 220k Btu (refer to the chart for dimensions and heat exchanger coil ranges). Cabinets are standard with front water access; kits are available for converting to rear water access.

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 Filter (not included): 16 x 20	100k-140k Btu	1/4-hp	Front
303	39 x 25 x 28 Filter (not included): 20 x 20	185k-220k Btu	1-hp	Front

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

Blower & Motor



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	1¼" 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
LOW speed	708	808	800	593	194
MED. speed	963	1063	1020	708	224
HIGH speed	1353	1349	1287	1014	250

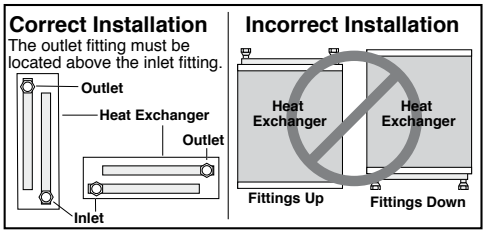
p/n 208 1 hp 115V	CFM (cubic feet per minute)					
	1.2" SP	1.3" SP	1.4" SP	1.5" SP	1.6" SP	1.7" SP
LOW speed (1038 rpm)	2248	2143	2032	1890	1085	1498
MED. speed (1070 rpm)	2480	2373	2218	2084	1910	1696
HIGH speed (1097 rpm)	2701	2522	2373	2231	2057	1851

SP=static pressure, hp=horsepower

Heat Exchanger Coils

p/n	Output (Btu)	Approx. Plenum Size (in.)	Dimensions			3/4" FPT Outlets	1" Sweat Outlets
			Length (in.)	Width (in.)	Depth (in.)		
0020-041	75,000	16 x 18	17-1/2	15-1/4	5-1/2	-	Straight
0020-043	100,000	18 x 20	18-1/4	17-3/4	5-1/2	-	Straight
5600029	100,000	17 x 19	19	16-1/2	4-1/8	-	Straight
0020-044	125,000	18 x 22	20-1/4	18	5-1/2	-	Straight
0020-045	140,000	19 x 23	21	19	4-1/8	-	Straight
287	50,000	13 x 14	14	12-3/4	4-1/8	90˚	-
109	80,000	13 x 18	18	12-3/4	4-1/8	Straight	-
102	95,000	15 x 20	20	15	4-1/8	Straight	-
106	100,000	17 x 19	19	16-1/2	4-1/8	Straight	-
107	125,000	18 x 20	20	17-3/4	4-1/8	Straight	-
704	125,000	18 x20	20	17-3/4	4-1/8	90˚	-
108	140,000	20 x 20	21	19	4-1/8	Straight	-
110	185,000	23 x 23	24	22-3/4	4-1/8	Straight	-
111	220,000	24 x 24	26	24	4-1/8	Straight	-

Water-to-air heat exchanger coils are available in different sizes with different Btu outputs. Be sure to check the dimensions of the coil and the approximate plenum size, in addition to the outlet configuration.



0020-044

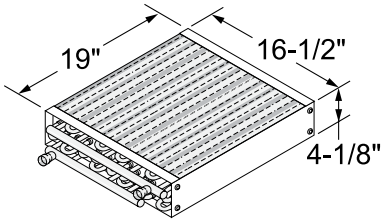
0020-041 Heat Exchanger Coil, 75k Btu
(15-1/4"W x 17-1/2"L x 5-1/2"H) 1" Ports

0020-043 Heat Exchanger Coil, 100k Btu
(17-3/4W" x 18-1/4"L x 5-1/2"H) 1" Ports

0020-044 Heat Exchanger Coil, 125k Btu
(18"W x 20-1/4"L x 5-1/2"H) 1" Ports

0020-045 Heat Exchanger Coil, 140k Btu
(19"W x 21"L x 5-1/2"H) 1" Ports

Heat Exchanger Coil (100k Btu)

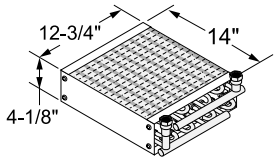


Heat Exchanger Coil (100k Btu) - Water-to-air heat exchanger coil with straight 1" sweat outlets. Used in forced-air furnaces with plenum size of approximately 17" x 18". Dimensions: 16-1/2" x 19" x 4-1/8".

5600029 Heat Exchanger Coil, 100k Btu, 1" Sweat

Heat Exchangers - Water-to-Air

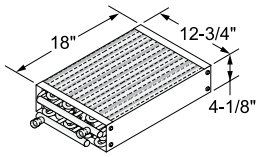
Heat Exchanger Coil (50k Btu)



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".

287 Heat Exchanger Coil, 50k Btu

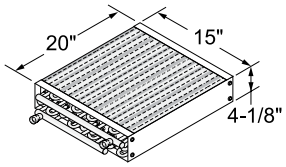
Heat Exchanger Coil (80k Btu)



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".

109 Heat Exchanger Coil, 80k Btu

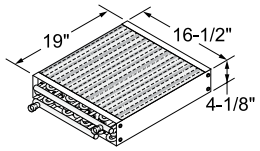
Heat Exchanger Coil (95k Btu)



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".

102 Heat Exchanger Coil, 95k Btu

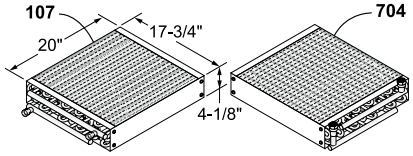
Heat Exchanger Coil (100k Btu)



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".

106 Heat Exchanger Coil, 100k Btu. 3/4" FPT

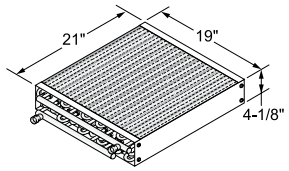
Heat Exchanger Coil (125k Btu)



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".

107 Heat Exchanger Coil, 125k Btu, straight outlets
704 Heat Exchanger Coil, 125k Btu, 90˚ outlets

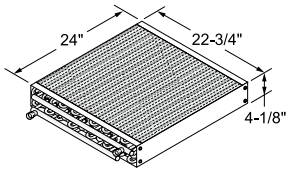
Heat Exchanger Coil (140k Btu)



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".

108 Heat Exchanger Coil, 140k Btu

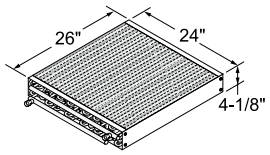
Heat Exchanger Coil (185k Btu)



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".

110 Heat Exchanger Coil, 185k Btu

Heat Exchanger Coil (220k Btu)



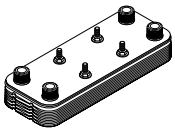
Water-to-air heat exchanger coil with straight 3/4" FPT outlets. Used in forced-air furnaces with plenum size of approximately 24" x 24". Dimensions: 24" x 26" x 4-1/8".

111 Heat Exchanger Coil, 220k Btu

Plate Exchangers

0020-051 Plate Exchanger, 4.57" x 11.26"-20, 1" Port
0020-052 Plate Exchanger, 4.57" x 11.26"-30, 1" Port
0020-053 Plate Exchanger, 4.57" x 11.26"-50, 1" Port

Heat Exchanger, Plate



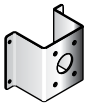
The Plate Heat Exchanger is a compact, high-performance, water-to-water, continuous flow heat exchanger with MPT ports. Units are 316L stainless, copper-brazed.

p/n	Typical Application
5600003	Water Heaters
5744	Boilers up to 100k Btu
5600001	Boilers 100k-175k Btu
5600002	Boilers 175k-250k Btu
5600019	Applications up to 760k Btu

5600003 Plate Exchanger, 5 x 12-6, 3/4" Port
5744 Plate Exchanger, 5 x 12-30, 1" Port
5600001 Plate Exchanger, 5 x 12-50, 1-1/4" Port
5600002 Plate Exchanger, 5 x 12-70, 1-1/4" Port
5600019 Plate Exchanger, 10 x 20-55, 1-1/4" Port

NOTE: Also see Swimming Pool Heat Exchangers (p/n 5600005 through 5600015).

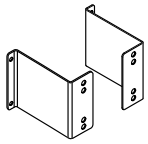
Mounting Bracket, Plate Heat Exchanger



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

5807-011 Plate Mounting Bracket

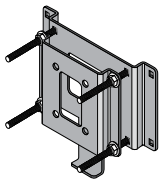
Mounting Kit, Plate Heat Exchanger



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

2500299 Heat Exchanger Mounting Kit

Mounting Kit, Plate Heat Exchanger, 5x12, Universal

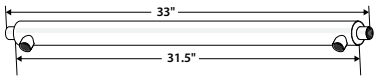


Universal mounting kit for 5x12 plate exchangers.

1097 Universal 5x12 Plate Heat Exchanger Mounting Kit

Heat Exchangers - Water-to-Water

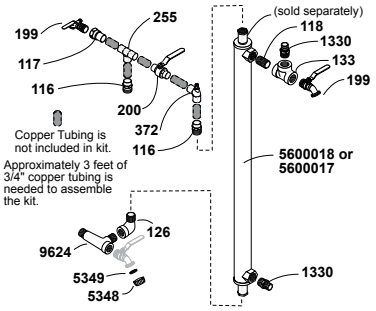
Water-to-Water Heat Exchanger for Domestic Water Heater



The Water-to-Water Heat Exchanger is a stainless steel water-to-water, domestic water heat exchanger with 3/4" FIP end and side ports. Install on existing water heater for thermal circulating heat transfer. Fittings Kit (p/n 2053) or Push-fit Fittings Kit (9263) are available separately for easy installation.

5600018 Water-to-Water Heat Exchanger, 33"

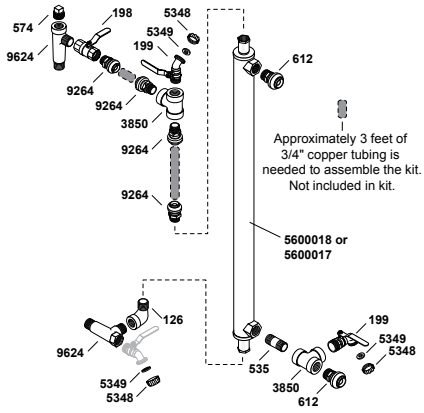
Fittings Kit, Water Heater - for Water-to-Water Heat Exchanger



Used to install the Water-to-Water Heat Exchanger (p/n 5600018) on existing domestic water heater for thermal circulating heat transfer. Water-to-water heat exchanger is sold separately.

2053 Fittings Kit

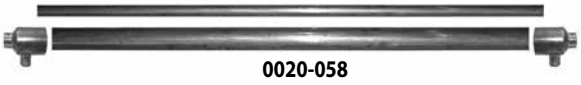
Fittings Kit, Push-fit - for Water-to-Water Heat Exchanger



Used to install the Water-to-Water Heat Exchanger (p/n 5600018) on existing domestic water heater for thermal circulating heat transfer. Water-to-water heat exchanger is sold separately.

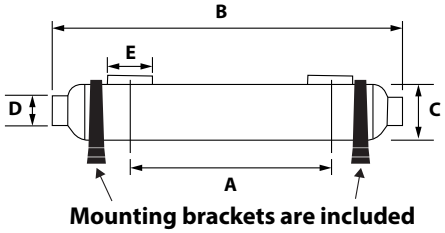
9263 Push-fit Fittings Water Heater Kit

Water Heater Tube Kit



0020-058 Water Heater Tube Kit

Heat Exchanger, Stainless 316L - for Swimming Pool



Stainless steel exchangers are used as hot tub or swimming pool heat exchangers. Other applications include snow melt or solar heating. **Not recommended for use with salt chlorinated pools or hot tubs.**

Mounting brackets are included for horizontal or vertical mounting. Should always be installed with the mounting bracket fixed to a wall, ceiling or floor to prevent damage from vibrations or water hammer.

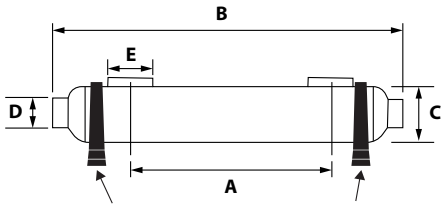
p/n	Btu Rating	Pool Capacity (U.S. gallons)
5600005	55,000	3,960
5600006	155,000	11,900
5600007	300,000	23,800
5600008	360,000	29,000
5600009	600,000	47,500
5600010	1,200,000	95,100

Exchanger Dimensions

p/n	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)
5600005	7.6	13.3	2.5	1	3/4
5600006	9.2	15.9	3.1	1	1-1/2
5600007	20.5	27.6	3.1	1-1/2	2
5600008	28	35	3.1	1-1/2	2
5600009	25.4	33.9	4.3	2	2-1/2
5600010	25.9	35.2	5	2	2-1/2

5600005 Pool Heat Exchanger, 316L, 55k Btu
5600006 Pool Heat Exchanger, 316L, 155k Btu
5600007 Pool Heat Exchanger, 316L, 300k Btu
5600008 Pool Heat Exchanger, 316L, 360k Btu
5600009 Pool Heat Exchanger, 316L, 600k Btu
5600010 Pool Heat Exchanger, 316L, 1200k Btu

Heat Exchanger, Titanium Grade 1 - for Swimming Pool



Mounting brackets are included

Ideal for swimming pools with salt water or where salt generator/chlorinators are used. Mounting brackets are included for horizontal or vertical mounting. Should always be installed with the mounting bracket fixed to a wall, ceiling or floor to prevent damage from vibrations or water hammer.

p/n	Btu Rating	Pool Capacity (U.S. gallons)
5600011	55,000	3,960
5600012	155,000	11,900
5600013	300,000	23,800
5600014	360,000	29,000
5600015	600,000	47,500

Exchanger Dimensions

p/n	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)
5600011	7.6	13.3	2.5	1	3/4
5600012	9.2	15.9	3.1	1	1-1/2
5600013	20.5	27.6	3.1	1-1/2	2
5600014	28	35	3.1	1-1/2	2
5600015	25.4	33.9	4.3	2	2-1/2

5600011 Pool Heat Exchanger, Titanium Grade 1, 55k Btu
5600012 Pool Heat Exchanger, Titanium Grade 1, 155k Btu
5600013 Pool Heat Exchanger, Titanium Grade 1, 300k Btu
5600014 Pool Heat Exchanger, Titanium Grade 1, 360k Btu
5600015 Pool Heat Exchanger, Titanium Grade 1, 600k Btu

Mounting Brackets - Swimming Pool Heat Exchangers

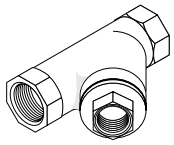
Replacement mounting brackets for Stainless 316L and Titanium Swimming Pool Heat Exchangers.

3104665 Mounting Bracket, 55k Btu Pool Heat Exchangers
3104940 Mounting Bracket, 155k/300k/360k Btu Pool Heat Exchangers
3104941 Mounting Bracket, 600k Btu Pool Heat Exchangers
3104942 Mounting Bracket, 1200k Btu Pool Heat Exchangers

Filter & Fill Valve Kits

2500704 Fill Valve and Inline Filter, Kit, Push-fit
0020-325 Fill Valve and Inline T-Strainer, Crimp
0020-261 Filter, Inline Screen - 1" FPT - Black

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.

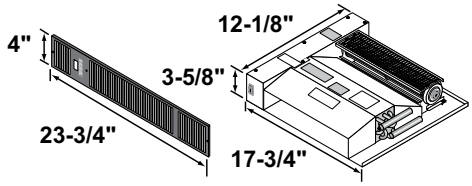
1694 Y-Strainer, 1-1/4" - Black
1695 Y-Strainer, 3/4" - Brass

Heat Exchangers - Convection

Radiant Baseboard Heaters, Complete

0020-070	Baseboard, Complete, 2'
236	Baseboard, Complete, 4'
0020-078	Baseboard End Cap, Left
0020-079	Baseboard End Cap, Right
0020-081	Baseboard Corner, Outside

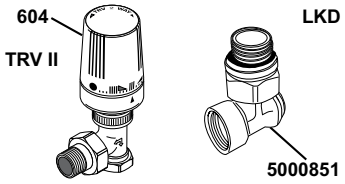
Kickspace Heaters



Myson Whispa™ III Kickspace 9000 fan-forced convector, output of 7,634-9,949 Btu/hr. Dimensions: 17-3/4" x 12-1/8" x 3-5/8". Weight: 15 lb. Fan speed (cfm): boost - 124, normal - 82. Cover grill is 4" x 23-3/4".

5600000	Myson Whispa III Kickspace 9000 Fan Convector
0020-089	Wall Mount Kit, Surface - Kickspace Heater (not shown)

Valve Bodies, Thermostatic Radiator



Each valve body is threaded for nominal iron pipe threads and also comes with a compression nut and ferrule. Replacement head only is part number 5000378.

604	TRV II Valve Body and Head, 1/2" Vertical
5000851	LKD Valve, 1/2" Preset Flow Rate

Valve Head, TRV II

Replacement valve head for 604 TRV II Valve Body and Head, 1/2" vertical.

5000378	Valve Head, 1/2" Vertical, TRV II

Piping - ThermoPEX

ThermoPEX with 1" or 1-1/4" PEX

ThermoPEX is flexible pre-insulated piping consisting of two waterproof oxygen barrier PEX-A 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. The outside diameter of 1" ThermoPEX is 4-3/8"; 1-1/4" ThermoPEX has an outside diameter of 5".

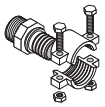
Available with 1" Central PEX in 100-ft, 200-ft or 800-ft rolls, or with 1-1/4" PEX in 100-ft or 300-ft rolls.

2441	ThermoPEX, 1", 100' Roll
5700034	ThermoPEX, 1", 200' Roll
2491	ThermoPEX, 1", 800' Roll
2799	ThermoPEX, 1-1/4", 100' Roll
2492	ThermoPEX, 1-1/4", 300' Roll

ThermoPEX Coupling Kit - 1" and 1-1/4"

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

NOTE: Do NOT use 1330 or 1331 PEX Adapters with ThermoPEX Coupling Kits as the barb on these adapters is too short for underground splices. Use 5642 or 5643 Brass Clamp Fittings.



2447	ThermoPEX Coupling Kit, 1"
2495	ThermoPEX Coupling Kit, 1-1/4"
5642	Brass Clamp Fittings, 1"
5643	Brass Clamp Fittings, 1-1/4" PEX Pipe (SDR-11)
1333	PEX Coupling, 1"

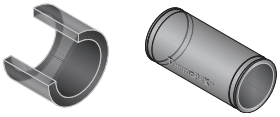
ThermoPEX with 25mm PEX

ThermoPEX with two 25mm waterproof oxygen barrier PEX-A lines (supply and return) is more flexible and easier to haul and ship. It's ideal for shorter runs and for the do-it-yourselfers. The outside diameter of 25mm ThermoPEX is 2-15/16".

The 55' roll (p/n 5700047) is UPS shippable. All rolls except the 500' roll can be shipped via Spee-Dee.

5700047	ThermoPEX, 25mm, 55' Roll
5700043	ThermoPEX, 25mm, 60' Roll
5700046	ThermoPEX, 25mm, 95' Roll
5700045	ThermoPEX, 25mm, 500' Roll

ThermoPEX Coupling Kit - 25mm



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

2500172	ThermoPEX Coupling Kit, 25mm

ThermoPEX Termination Cap

Fits snuggly over each end to protect and seal the insulation from water. Includes band clamps.

5500014	ThermoPEX Cap, 25mm
2443	ThermoPEX Cap, 1"
2494	ThermoPEX Cap, 1-1/4"

Piping - EZ Lay and 1-1/4" PEX Crimp Fittings

EZ Lay Insulated Pipe

Water lines are insulated with commercial-grade EPS insulation in a 4" (5" for 5-wrap pipe) commercial-grade corrugated tile. Includes one blue PEX line, one red PEX line, two end caps and string for pulling an electrical, thermostat or tracing wire through the corrugated tile.

Available in rolls or by the foot (see part numbers for prices per foot). The 5-wrap pipe is only available by the foot. When ordering by the foot, please be sure to add 5 feet on each end when measuring the distance needed for the pipe.

1" PEX Lines - 3-Wrap

0020-651 EZ Lay 3-wrap Insulated Pipe (regular non-barrier), 1" - per foot

0020-655 EZ Lay 3-wrap Insulated Pipe, (oxygen barrier) 1" - per foot

1-1/4" PEX Lines - 3-Wrap and Fittings

0020-653 EZ Lay 3-wrap Insulated Pipe, 1-1/4" - per foot

Fittings, 1-1/4" PEX (CTS)

The 1-1/4" PEX lines in the EZ Lay are 1-1/4" CTS (copper tubing size), SDR-9; fittings here are for 1-1/4" CTS.

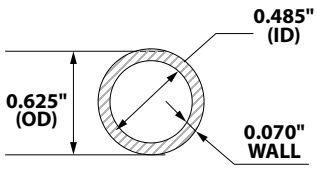
0020-576 PEX 90˚ Crimp Elbow, 1-1/4"

0020-578 PEX Crimp Plug, 1-1/4"

1" PEX Lines - 5-Wrap

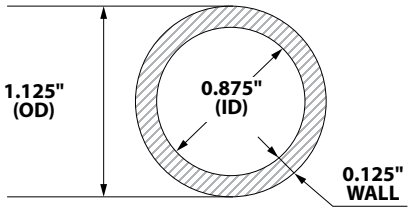
0020-656 EZ Lay 5-wrap Insulated Pipe, 1" - per foot

PEX Tubing Technical Specifications



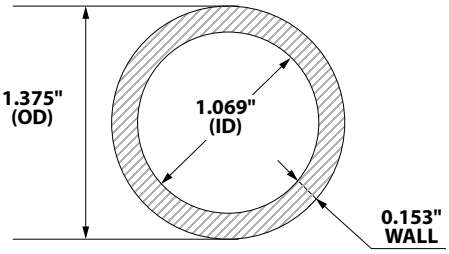
1/2" CTS

Central PEX / PureLink / HeatLink
SDR = 9



1" CTS

ThermoPEX / Central PEX / E-Z Lay Pipe
SDR = 9

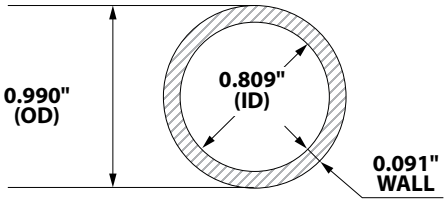


1-1/4" CTS

E-Z Lay Pipe
SDR = 9

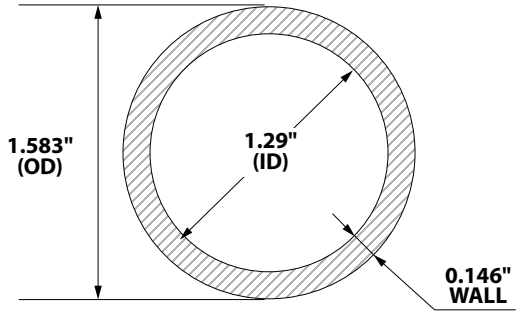
PEX Tubing Size (CTS/Nominal)	Outside Diamer (OD)	Minimum Wall Thickness	Inside Diameter (ID)
1/2"	0.625"	0.070"	0.485"
1"	1.125"	0.125"	0.875
1-1/4"	1.375"	0.153"	1.069"

Notes:
1. PEX tubing sizes are denoted by CTS (copper tubing size), not OD (Outside Diameter) or ID (Inside Diameter).
2. OD of PEX, copper and CPVC pipe with the same size (CTS) is the same. This is why push fittings can be used with all of these pipes.
3. PEX made to US standards must comply with a SDR-9 (Standard Dimension Ratio), which is the ratio of OD (Outside Diameter) to pipe wall thickness (9:1). Exceptions are nominal sizes 1/2" and below.



25mm

ThermoPEX
SDR = 11



1-1/4"

ThermoPEX / Central PEX
SDR = 11

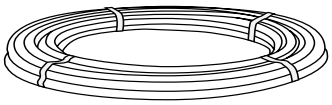
PEX Tubing Size (Nominal)	Outside Diamer (OD)	Minimum Wall Thickness	Inside Diameter (ID)
25mm	0.990"	0.091"	0.809"
1-1/4"	1.583"	0.146"	1.29"

Notes:
1. PEX with a SDR-11 (Standard Dimension Ratio) are NOT compatible with CTS (copper tubing size) fittings.
2. 25mm PEX and 1-1/4" PEX used in ThermoPEX are SDR-11 (Standard Dimension Ratio), which is the ratio of OD (Outside Diameter) to pipe wall thickness (11:1).

Piping - Fittings

Central PEX 1" Pipe

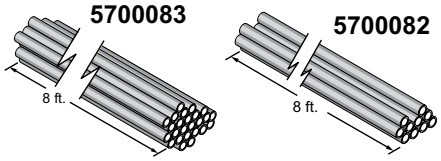
High-density, non-oxygen barrier PEX-B, cross-link pipe, rated for temperatures to 180˚F at 100 psi. Note that color has changed from green to red.



1311	Central PEX 1" Pipe, 100'
1312	Central PEX 1" Pipe, 200'
1313	Central PEX 1" Pipe, 300'
1314	Central PEX 1" Pipe, 500'

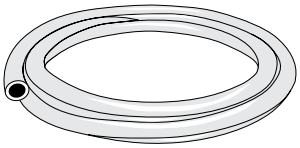
Central PEX 1" Pipe Sections

Central PEX 1" Pipe, non-oxygen barrier PEX-B, in straight 8-ft sections.



5700082	Central PEX 1" Pipe, 8' straight section, 10 per bag
5700083	Central PEX 1" Pipe, 8' straight section, 25 per bag

PEX 1-1/4" Pipe (SDR-11)

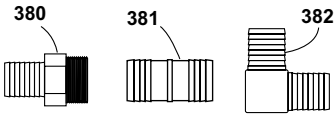


High-density, oxygen barrier PEX-A, cross-link pipe, rated for 180˚F.

NOTE: This PEX is SDR-11 and is not compatible with 1-1/4" CTS fittings. Use only Brass Fittings (p/n 380, 381 and 382) or Brass Clamp Fitting (p/n 5643) for this 1-1/4" PEX Pipe.

5670	PEX 1-1/4" Pipe, 150’
386	PEX 1-1/4" Pipe, 328’

Fittings, Brass - for 1-1/4" PEX Pipe (SDR-11)



Brass fittings for 1-1/4" PEX pipe (SDR-11). To ease installation, it is recommended that a heat gun be used on the 1-1/4" PEX pipe. Not compatible with 1-1/4" CTS PEX.

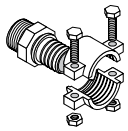
380	Male Adapter, 1-1/4" barb x 1-1/4" MIP
381	Brass Coupling, 1-1/4" barb x 1-1/4" barb
382	Brass Elbow, 1-1/4" barb x 1-1/4" barb

Clamp, Hose, 1" or 1-1/4" (SDR-11)

1" or 1-1/4" (SDR-11) stainless steel hose clamp.

5978	Hose Clamp, 1"
1745	Hose Clamp, 1-1/4"

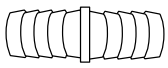
Fittings , PEX



Brass adapter clamps for PEX pipe.

5642	Brass Clamp Fittings, 1"
5643	Brass Clamp Fittings, 1-1/4" PEX Pipe (SDR-11)

Coupling, 25mm PEX



For coupling two 25mm Central PEX pipe ends.

5000462	PEX Coupling, 25mm

Couplings, 1/2" and 1" PEX

For coupling two Central PEX pipe ends.

1339	PEX Coupling, 1/2"
1333	PEX Coupling, 1"

Grundfos UPMS 20-78 F Circulator

Grundfos UPMS is a high-efficiency ECM variable-speed circulator that can be used as an integrated circulator pump in systems designed for a wide variety of heating applications. The pump features robust startup, self-venting ability and dry-running protection leading to fewer callbacks after installation.

- Speed-controlled, high-efficiency pump fitted with electronically commutated motor (ECM) with permanent magnet rotor and frequency converter.
- Next generation ECM pump designed to integrate with heat sources for better system efficiencies.
- Intuitive user interface.
- Three settings for constant curve.

Amp (max.)	Watt	Head (ft)	Volume (gal/min)
1.25 @ 68W	2-68	25.6	16

5800056 Grundfos UPMS 20-78 F Circulator

Grundfos UPMS 20-58 F Circulator

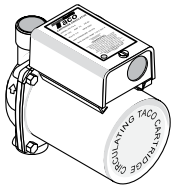
Grundfos UPMS is a high-efficiency ECM variable-speed circulator that can be used as an integrated circulator pump in systems designed for a wide variety of heating applications. The pump features robust startup, self-venting ability and dry-running protection leading to fewer callbacks after installation.

- Speed-controlled, high-efficiency pump fitted with electronically commutated motor (ECM) with permanent magnet rotor and frequency converter.
- Next generation ECM pump designed to integrate with heat sources for better system efficiencies.
- Intuitive user interface.
- Three settings for constant curve.

Amp (max.)	Watt	Head (ft)	Volume (gal/min)
0.71 @ 38W	8.4-38	19	13.6

5800055 Grundfos UPMS 20-58 F Circulator

Pump, Taco - 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

175 Taco 006 Bronze Pump

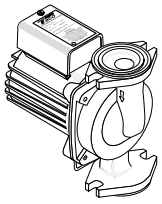
Pump, Taco - 007 Series

The Taco 007 circulator pump is one of the industry's top-selling hydronic circulators, and for good reason. It features a unique cartridge design that's completely field serviceable plus a self-lubricating system that's virtually maintenance-free. 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

5800004 Taco 007 Circulating Pump
5800011 Taco 007 Priority Pump

Pump, Taco - 009 Series



Taco 009 Circulation Pumps 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

5800006 Taco 009 Pump

Circulators

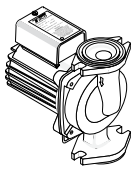
Pump, Taco - 0011 Series

The Taco High Velocity Series 0011 Cartridge Circulator is specifically designed for high-head/medium-flow applications in large residential/light commercial closed-loop hydronic heating systems. Power Supply Cord (p/n 556) sold separately.

size	hp	Amp	Watt	Head (ft)	Volume (gal/min)
0011	1/8	1.76	202.4	31	31

0020-351 Taco 0011 Circulating Pump

Pump, Taco - 014 Series



Taco 014 Circulation Pumps 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)
014	1/8	1.55	178	22	32

5800008 Taco 014 Pump

Pump, Taco - Viridian® VT2218

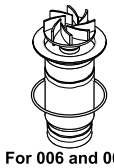
The Taco Viridian VT2218 pump is a temperature sensing, variable speed wet rotor circulator with an ECM permanent magnet motor. Operating modes include Delta-T differential temperature, 4 fixed speeds, set point heat, set point cool and boiler protection.

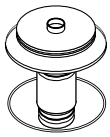
- Delta-T operation maximizes system efficiency and comfort
- High-efficiency ECM motor uses up to 85% less electricity
- LCD displays operating mode, temperature or speed setting, watts, supply & return temperatures
- Easy to program and install
- 110-120V, 50/60 Hz single phase
- 1650-4200 RPM

Model	Max. Amp	Watt	Max. Shutoff Head (ft)	Max. Flow (gal/min)
VT2218F	0.67	9-58	22	18

5800025 Taco Viridian Pump, VT2218
5800041 Replacement Temperature Sensor

Pump Cartridges


For 006 and 007 Pumps


For 009 & 011 Pumps

222	Replacement Cartridge, 006 Series Pumps
5800005	Replacement Cartridge, Taco 007 Pump
5800007	Replacement Cartridge, 009 Series Pumps
5800010	Replacement Cartridge, Bronze, 011 Series Pumps
5800009	Replacement Cartridge, Bronze, 014 Series Pumps

Replacement Seal Kits and Gaskets

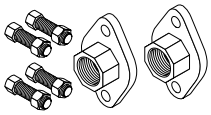
5800034	O-Ring, Cartridge, Taco 007/009 (set of 2)
0020-346	Replacement Seal Kit, Taco 2400-20 pump

542

Compatible with Taco 007 series of pumps.

542	O-Ring Set, Taco Pump Flange

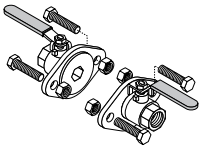
Flanges, Pump



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).

119	Pump Flange Kit, 3/4"
194	Pump Flange Kit, 1"
5800019	Pump Flange Kit, 1-1/4"

Flange Kit, Isolation



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

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

0020-365

0020-365 Gasket, Isolation Flanges (each)

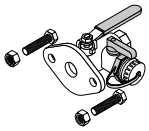
0020-366

0020-366 Pump Isolation Flange, 1"

NOTE: Price is for one flange only.

Circulators & Related

Flange, 3/4" Isolation - with Drain Valve



Includes flange, nuts and bolts.

226 Isolation Flange with Drain Valve, 3/4"

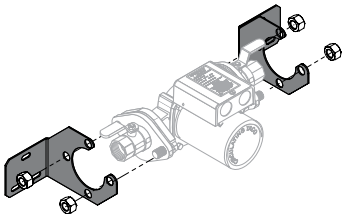
NOTE: Price is for one flange only.

Cord, Power Supply

May be used to wire pumps when installed on furnaces. Power Supply Cord includes strain relief.

555 Power Supply Cord, 48"

Mount Kit, Wall - Pump



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

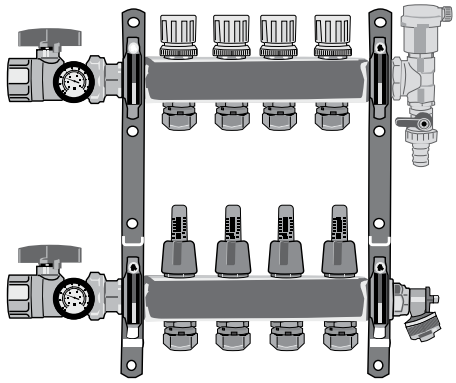
1366 Pump Wall Mount Kit

Taco Switching Relay

The SR501 single zone switching relay can easily replace any brand made by any manufacturer, and will even fit into the existing metal enclosure without rewiring incoming connections. The SR501 single zone switching relay is UL and CSA listed, uses a standard “ice cube" replaceable relay and is compatible with conventional and programmable thermostats. External indicator lights provide instant diagnostic feedback, making a snap of service calls or new installation start-ups.

8200291 Taco Switching Relay

Manifold Kits



4-Loop shown for illustration purposes

Commonly used for radiant floor heat systems, stainless steel radiant manifold kits are available in various loop configurations for use with 1/2" PEX*.

Each kit includes:

- See-through body flow meters with adjustable flow rates
- Isolation ball valves with 1" NPT fitting
- Temperature gauge for each isolation valve
- Automatic float vent
- 1/2" PEX compression connectors*
- Mounting brackets

2900552 Manifold Kit, 2-Loop
2900553 Manifold Kit, 3-Loop
2900554 Manifold Kit, 4-Loop
2900556 Manifold Kit, 6-Loop
2900558 Manifold Kit, 8-Loop
2900560 Manifold Kit, 10-Loop
2900562 Manifold Kit, 12-Loop
5000673 O-ring, Manifold

Manifold Kit Connectors

For use with Stainless Steel Radiant Manifold Kits.

2900563 Connector, Compression, 1/2" PEX
2900564 Connector, Compression, 1/2" PEX-AL-PEX - **ONLY FOR ALUMINUM CORE PEX**

Adapter, Female 1" NPT - for Manifold Kits

For use with Stainless Steel Radiant Manifold Kits.

2900614 Adapter, Manifold, Female 1" NPT

Cap - for Manifold Kits

Manifold Loop Cap can be used with Stainless Steel Radiant Manifold Kits.

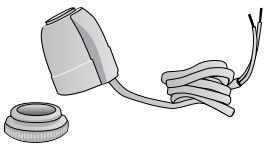
2900551 Loop Cap, Manifold

Gauge, Temperature - for Manifold Kits

Manifold Temperature Gauge can be used with Stainless Steel Radiant Manifold Kits.

2900596 Temperature Gauge, Manifold

Actuator, Thermal

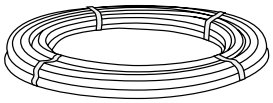


Optional Thermal Actuator (compatible with Stainless Steel Radiant Manifold Kits) is available with either 2-wire or 4-wire configuration. 2-wire provides individual loop flow control on multi-zoned manifold. 4-wire also features end switch for activation of a pump.

2900549 Thermal Actuator, 2-wire
2900550 Thermal Actuator, 4-wire

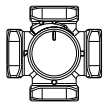
Central PEX 1/2" Pipe

High-density, oxygen barrier PEX-B, 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.



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

Mixing Valve, 4-way FNPT



This unit mixes high-temperature boiler water with heated return water to create tempered water for radiant systems and other applications. It is manually operated.

64026	Mixing Valve, 1" x 4-way FNPT
64031	Mixing Valve, 1-1/4" x 4-way FNPT

Adapters, PEX - Threaded Pipe

For adapting threaded pipe to Central PEX pipe.

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

Adapters, PEX - Copper Pipe

For adapting copper pipe to Central PEX pipe. NOTE: The 1331 PEX Adapter can also be used for 3/4" sweat applications by sweating the fitting inside.

1337	PEX Adapter, 1/2" PEX x 1/2" sweat fitting
1331	PEX Adapter, 1" PEX x 3/4" or 1" sweat fitting
1348	PEX Adapter, 1/2" PEX x 1/2" FIP fitting
5000651	PEX Adapter, 1" PEX x 1" sweat fitting

Adapter, Brass PEX - Threaded Pipe

5000464 Brass PEX Adapter, 25mm x 3/4" FPT

Elbow, PEX 90˚ Swoop

1" stainless steel PEX 90˚ swoop (sweep) elbow.

5000768 PEX Swoop Elbow, 90˚

Adapter, Female - Copper Pipe

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

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

Elbow, PEX 90˚

For coupling two Central PEX pipe ends together.

1340	PEX 90˚ Elbow, Brass, 1/2"
1334	PEX 90˚ Elbow, Brass, 1"

Elbow, Brass PEX 90˚ - Threaded Pipe

For coupling 1" Central PEX pipe to 3/4" MPT threaded pipe.

5000531 Brass PEX Adapter, 1" PEX x 3/4" MPT fittings, 90˚ Elbow

Tee, Brass - PEX

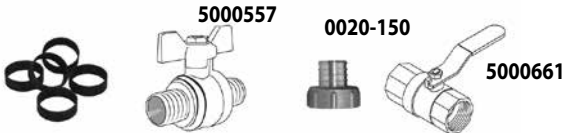
Brass tee for joining Central PEX pipe ends.

1338	PEX Tee, 1/2"
1332	PEX Tee, 1"

Tools - PEX

0020-147 Crimp Tool , 3/8" x 1" Compact Combination

PEX Fittings - 1" PEX



1335	Crimp Ring, 1" PEX
5000557	Ball Valve, 1" PEX x 1" PEX, Full Port
0020-150	PEX Coupling, 1" FPT Swivel x 1" PEX
5000661	Ball Valve, 1" FIP

Clamp Crimp Ring, PEX Stainless Steel

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

5000465	PEX Stainless Steel Clamp Crimp Ring, 25mm
5927	PEX Stainless Steel Clamp Crimp Ring, 1/2"
5926	PEX Stainless Steel Clamp Crimp Ring, 1"

Plug, 1/2" PEX

Brass crimp plug for 1/2" PEX.

5000784 Plug, 1/2" PEX Crimp

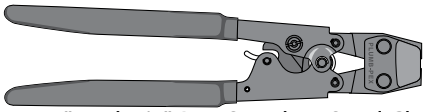
Plug, 1" PEX

Brass crimp plug for 1" PEX.

5000785 Plug, 1" PEX Crimp

Fittings and Tools - PEX

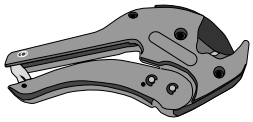
Cinch Tool



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

5925 Cinch Tool

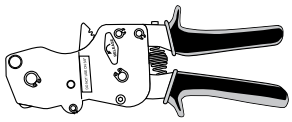
PEX Pipe Cutter



Designed for smooth, even cutting, the tool's jaw fits firmly over the pipe for a square, burr-free cut.

2900619 PEX Pipe Cutter

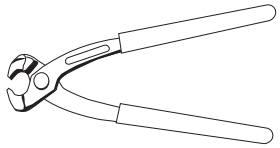
Ratchet Cinch Tool



Compact, easy-to-use Ratchet Cinch Tool comes with calibrating device. For use with 5927, 5926 and 5000465 crimp rings.

4472 Ratchet Cinch Tool

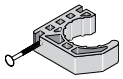
Clamp Crimp Ring Removal Tool



Used to remove PEX stainless steel clamp crimp rings (p/n 5927, 5926 and 5000465).

2900737 Clamp Crimp Ring Removal Tool

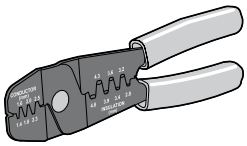
PEX Hanger



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

293 PEX Hanger, 1/2"
295 PEX Hanger, 1"

Crimp Tool, Universal



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

2900341 Universal Crimp Tool, 14-24 AWG

Union, Brass Pipe - FIP

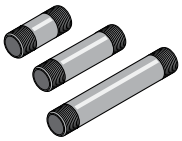
Suggested for use with plate-style heat exchanger installations.

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

Coupler, Brass

0020-185	Brass Coupler, 1" FPT
5367	Brass Coupling, 3/4" thread

Nipple, Brass



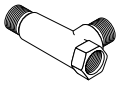
Brass nipples in varying lengths.

535	Nipple, Brass, 3/4" x 2"
536	Nipple, Brass, 3/4" x 7"
5000394	Nipple, Brass, 3/4" x 4"
0020-186	Brass Nipple, 1" Short

Tee, Brass

0020-187	Brass Tee, 1" FPT

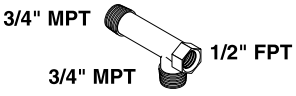
Tee, Brass, 3/4"



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

9624	Tee, Brass, 3/4"

Tee, Brass Offset, 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.

6764	Brass Offset Tee, 4"

Reducer Bushing, Brass

0020-188	Brass Reducer Bushing, 1" x 1/2"
0020-189	Brass Reducer Bushing, 1-1/4" x 1"
0020-192	Brass Reducer Bushing, 3/4" to 1"
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"

Elbow, Brass

0020-190	Brass Street 90˚ Elbow, 1"
0020-194	Brass 90˚ Elbow, 1" FPT

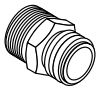
Adapter, Brass

0020-195	Brass Adapter, 1/2" MIP x 3/4" FPT Hose Bib

Adapter, Female, 3/4" Hose, Brass

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

Adapter, Male, 3/4" Hose, Brass



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

Adapter, 1" Crimp x 1" FPT

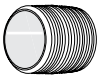
0020-161	Adapter, 1" Crimp x 1" FPT

Fittings - Threaded

Nipple, Black

0020-250 Nipple, Black, 1" x 2"
0020-251 1" x 3" Black Nipple
0020-252 Nipple, Short Black, 3/8" x 1-1/2"

Nipple, Close - Black



Nipple (p/n 118) is used with pumps and ball valves. All nipples listed here are Schedule 80, extra heavy.

118 Nipple, 3/4" x close, Schedule 80, extra heavy
409 Nipple, 1-1/4" x close, Schedule 80, extra heavy
314 Nipple, 1-1/2" x close, Schedule 80, extra heavy

Nipple, Brass Close

Brass Nipple with 3/4" MPT x close fittings.

270-0049 Nipple, Brass, 3/4" x close

Tee, Black

0020-255 Tee, Black, 1"

Reducer Bushing, Black

0020-257 Reducer Bushing, Black, 3/4" x 1"
0020-258 Reducer Bushing, Black 1-1/2" x 1"
0020-259 Reducer Bushing, Black, 3/8" x 1/2"
0020-260 Reducer Bushing, Black, 1" x 1/2"

Bushing, Hex - NPT

Hex bushing with national pipe threads (NPT).

180 Hex Bushing, 3/4" x 1/8"
388 Hex Bushing, 1-1/4" x 3/4"
408 Hex Bushing, 1-1/2" x 1-1/4"

Tees, NPT

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.

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

Elbow, 45˚ Street

NPT 45˚ Street Elbow (black).

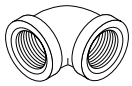
124 45˚ Street Elbow, 3/4"
5000017 45˚ Street Elbow, 1-1/4"

Elbow, 90˚ Street

90˚ Street Elbow in different sizes.

411 90˚ Street Elbow, 1-1/4"
274 90˚ Street Elbow, 3/4"
126 90˚ Street Elbow, Brass, 3/4"

Elbow, 90˚ - FPT



90˚ Elbow with female threads.

956 90˚ Elbow, 3/4" x 3/4" FPT
5000016 90˚ Elbow, Black, 1-1/4"

Caps, Round Pipe

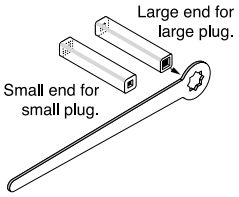
332 3/4" Round Pipe Cap
333 1-1/4" Round Pipe Cap

Plug, Pipe - MPT

Pipe Plug, MPT, black, unless noted.

331	Pipe Plug, 3/4"
574	Pipe Plug, Brass 3/4"
383	Pipe Plug, 1-1/4"
6557	Pipe Plug, Brass 1/2"

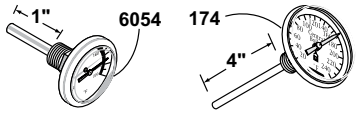
Plug, Pipe - Wrench Set



Large end is for 1-1/4"; small end fits 3/4" pipe plugs.

5459	Pipe Plug Wrench Set

Gauges, Temperature



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.

6054	Temperature Gauge, 1/8" MPT
174	Temperature Gauge, 1/2" MPT

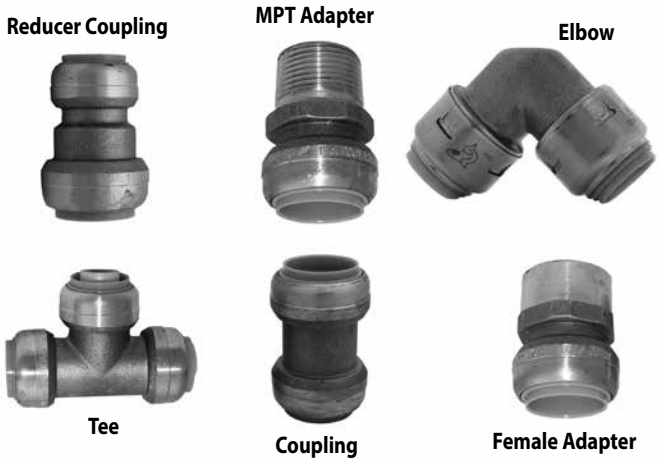
Tape, Blue Teflon, 1/2" x 1429"

Compatible with a broad range of piping materials. Will not harden or crack on joint. Acts as a thread lubricant and anti-seize. No curing time, unlimited shelf life.

10713	Tape, Blue Teflon, 1/2" x 1429"

Fittings - Sharkbite

Sharkbite Fittings



Sharkbite Fittings - Coupling, Straight

0020-501 Sharkbite Coupling, 3/4"
0020-502 Sharkbite Coupling, 1"

Sharkbite Fitting - Coupling, Reducing

0020-503 Sharkbite Reducer Coupling, 3/4" x 1/2"
0020-530 Sharkbite Coupling, Reducing, 1/2" x 3/4" MNPT
0020-532 Sharkbite 90˚ Elbow, Reducing, 3/4" x 1/2"

Sharkbite Fitting - Female Adapter

0020-505 Sharkbite Adapter, 1/2" Female
0020-506 Sharkbite Adapter, 3/4" Female
0020-507 Sharkbite Adapter, 1" Female

Sharkbite Fitting - Adapter, Male

0020-509 Sharkbite Adapter, 3/4" MPT
0020-510 Sharkbite Adapter, 1" MPT

Sharkbite Fittings, Elbow

0020-511 Sharkbite Elbow, 1/2"
5000786 Sharkbite Elbow, 3/4"
0020-513 Sharkbite Elbow, 1"

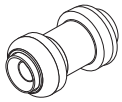
Sharkbite Fitting, Tee

0020-515 Sharkbite Tee, 1/2"
0020-517 Sharkbite Tee, 1"

Sharkbite Ball Valve

0020-544 Sharkbite Ball Valve, 1"

Push-fit Fittings - Coupling, Straight

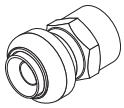


606 Push-fit Coupling, Straight, 1/2" x 1/2"
607 Push-fit Coupling, Straight, 3/4" x 3/4"
608 Push-fit Coupling, Straight, 1" x 1"

Push-fit Fitting - Coupling, Reducing

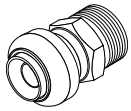
609 Push-fit Coupling, Reducing, 1" x 3/4"

Push-fit Fitting - Female Adapter



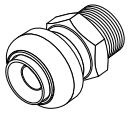
611 Push-fit Female Adapter, 1" x 1" FPT

Push-fit Fitting - Adapter, Male



612 Push-fit Male Adapter, 1" x 3/4" MPT

Push-fit Fitting - Connector, Straight



9264 Push-fit Connector, Straight, 3/4" x 3/4" MIP

Push-fit Fittings, Elbow

613 Push-fit Elbow, 1" x 1"
9265 Push-fit Elbow, 3/4" x 3/4"

Push-fit Fitting, Tee

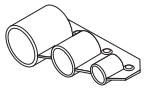
614 Push-fit Tee, 1" x 1" x 1"

Push-fit Fitting - Temperature Gauge

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

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

Push-fit - 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.

615 Push-fit Depth Gauge/Deburring Tool

Push-fit - Disconnect Clip

Used to disconnect push-fit fittings quickly and easily.

616 Push-fit Disconnect Clip, 1/2"
617 Push-fit Disconnect Clip, 3/4"
618 Push-fit Disconnect Clip, 1"

Push-fit - Disconnect Tongs

0020-534
0020-536

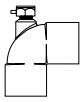
0020-534 Push-fit Disconnect Tongs, 1/2"
0020-536 Push-fit Disconnect Tongs, 1"

Fittings - Copper/Sweat

Cap, Copper End

376 Copper End Cap, 1" sweat fitting

Elbow, Vent - Copper



372 Vent Elbow, 3/4" x 3/4" sweat fittings

Reducer, Copper

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

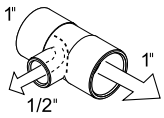
Elbow, 90˚ Reducing - Copper

123 90˚ Reducing Elbow, 1" x 3/4" sweat fittings

Elbow, 90˚ - Copper

276 90˚ Elbow, 3/4" x 3/4" sweat fittings
277 90˚ Elbow, 1" x 1" sweat fittings

Tee, Brass Diverter



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

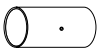
6782 Brass Diverter Tee, 1" x 1" x 1/2" sweat

Elbow, 90˚ Street - Copper

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

103 Street Elbow, 1"

Couplings, Copper



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

Adapters, Male - Copper

116 Male Adapter, 3/4" sweat x 3/4" MIP fittings
120 Male Adapter, 1" sweat x 1" MPT fittings
0020-226 Coupling, 3/4" MPT x 1" female sweat fitting
0020-227 Coupling, 1" MPT x 1" female sweat fitting
0020-233 Coupling, 1" male sweat x 1" FPT fitting

Adapters, Female - Copper

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

Tees, Copper

138 Tee, Copper Pipe, 1" x 1" x 1" sweat fittings
255 Tee, Copper, 3/4" sweat fitting

Tee, Reducing - Copper

178 Reducing Tee, 1-1/2" x 1" x 1" sweat fittings
0020-231 Copper Tee, 2" x 1" x 1"

Solder & Soldering Flux

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

1325 Solder
100 Soldering Flux (6 oz)

Brush, Cleaning

For cleaning the inside of copper fittings.
378 Cleaning Brush, 3/4"
379 Cleaning Brush, 1"

Crimp Kit, Fill Valve and Inline Strainer

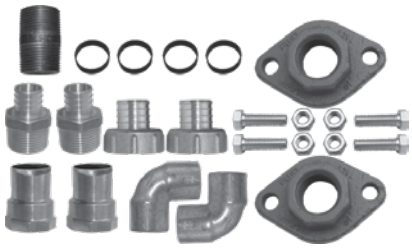
Use 3/4" Black Pipe Plug (p/n 331) for clean-out port.

0020-325 Kit, Crimp - Fill Valve and Inline Strainer
0020-261 Inline Y-Strainer/Filter, 1" FPT

Crimp Kit, Forced Air Heat Exchanger

0020-327 Kit, Crimp - Forced Air Heat Exchanger

Crimp Kit, Brazed Plate to Boiler

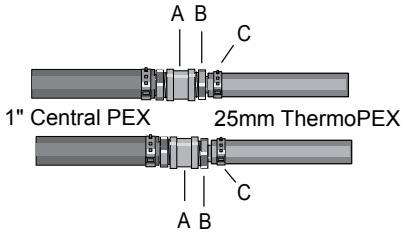


0020-329 Kit, Crimp - Brazed Plate to Boiler

Crimp Kit, Brazed Plate to Domestic Water

0020-333 Kit, Crimp - Brazed Plate to Domestic Water

Crimp Fittings Adapter Kit, 25mm to 1"



2	A	Female Coupler, Brass, 3/4" FPT
4	B	PEX Male Adapter, 25mm x 3/4" MIP
4	C	PEX Clamp Crimp Ring, 25mm

PEX adapter kit for coupling 25mm ThermoPEX tubing to 1" Central PEX with crimp fittings. Crimp fittings included shown in illustration.

2500814 Crimp Fittings Adapter Kit, 25mm to 1" PEX

Sharkbite Kit, Existing Boiler, Plate Exchanger

2500706 Kit, Sharkbite - Existing Boiler, Plate Exchanger, for WoodMaster Traditional Models

Fittings Kit, Domestic Hot Water Plate Exchanger

Sharkbite Fittings Kit for installing a plate exchanger with 1" ports on an existing domestic hot water heater for thermal circulating heat transfer. Water-to-water plate exchanger is sold separately.

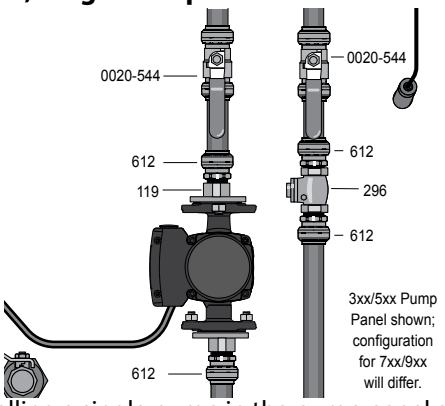
Each kit includes:

- 2 - Street Elbow, 90˚ Brass, 1"
- 2 - Sharkbite Female Adapter, 1" FPT
- 2 - Sharkbite Elbow, 90˚, 3/4"
- 2 - Sharkbite Reduce Adapter, 3/4" x 1" FNPT

2500780 Sharkbite Fittings Kit - Plate Exchanger

Fittings - Kits

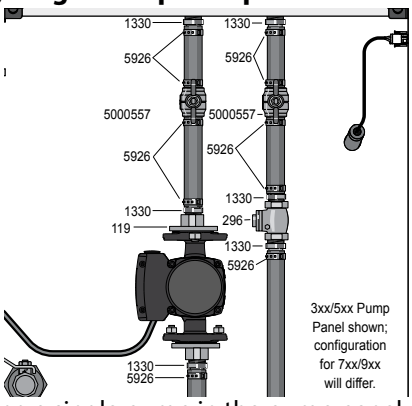
Fittings Kit, Single Pump Sharkbite®



Kit for installing a single pump in the pump panel area of CleanFire models. Circulating pump sold separately.

2500708 Single Pump Sharkbite Fittings Kit

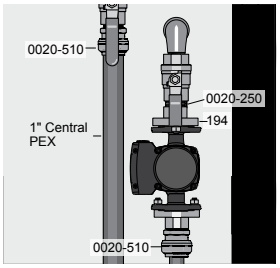
Fittings Kit, Single Pump Crimp

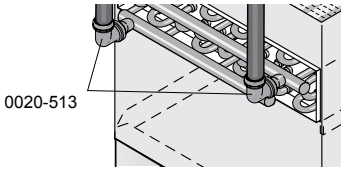


Kit for installing a single pump in the pump panel area of CleanFire models. Circulating pump sold separately.

2500709 Single Pump Crimp Fittings Kit

Fittings Kit, Forced Air Furnace Heat Exchanger





Kit for installing a single pump on Traditional models and connecting to forced-air heat exchanger in furnace plenum. Circulating pump and heat exchanger sold separately.

2500705 Forced Air Heat Exchanger Fittings Kit

Sharkbite Fittings Kits with Single Pump and Heat Exchanger - CleanFire Models

Sharkbite Fittings Kit for CleanFire 300, 500, 700, 900 models. Circulating pump and heat exchanger are included. Use with a forced-air furnace system setup.

Each kit includes:

- 1 - Circulator Pump (pump can vary from image)
- 1 - Heat Exchanger Coil (see kit description for size)
- 8 - Sharkbite Reducer, 1" x 3/4" MNPT
- 2 - Sharkbite Ball Valve, 1"
- 1 - Pump Flange Kit, 3/4" FIP
- 1 - Swing Check Valve, 3/4" FIP
- 3 - Street Elbow, 90˚ Brass, 3/4"

Dimensions of heat exchanger coils included in the fittings kits:

80k Btu - 12-3/4" x 18" x 4-1/8"
95k Btu - 15" x 20" x 4-1/8"
125k Btu - 17-3/4" x 20" x 4-1/8"
140k Btu - 19" x 21" x 4-1/8"

2500748 Sharkbite Fittings Kit w/80k Btu Heat Exchanger Coil - CleanFire Models
2500749 Sharkbite Fittings Kit w/95k Btu Heat Exchanger Coil - CleanFire Models
2500750 Sharkbite Fittings Kit w/125k Btu Heat Exchanger Coil - CleanFire Models
2500751 Sharkbite Fittings Kit w/140k Btu Heat Exchanger Coil - CleanFire Models

Crimp Fittings Kits with Single Pump and Heat Exchanger - CleanFire Models

Crimp Fittings Kit for CleanFire 300, 500, 700, 900 models. Circulating pump and heat exchanger are included. Use with a forced-air furnace system setup.

Each kit includes:

- 1 - Circulator Pump (pump can vary from image)
- 1 - Heat Exchanger Coil (see kit description for size)
- 8 - Male Adapter, 1" PEX x 3/4" MIP
- 2 - Ball Valve, 1" PEX
- 1 - Pump Flange Kit, 3/4" FIP
- 1 - Swing Check Valve, 3/4" FIP
- 12 - PEX Clamp Crimp Ring, 1"
- 1 - Adapter Elbow, 90˚, 1" PEX x 3/4" MPT
- 2 - Street Elbow, 90˚ Brass, 3/4"
- 1 - Cinch Tool

Dimensions of heat exchanger coils included in the fittings kits:

80k Btu - 12-3/4" x 18" x 4-1/8"
95k Btu - 15" x 20" x 4-1/8"
125k Btu - 17-3/4" x 20" x 4-1/8"
140k Btu - 19" x 21" x 4-1/8"

2500752	Crimp Fittings Kit w/80k Btu Heat Exchanger Coil - CleanFire Models
2500753	Crimp Fittings Kit w/95k Btu Heat Exchanger Coil - CleanFire Models
2500754	Crimp Fittings Kit w/125k Btu Heat Exchanger Coil - CleanFire Models
2500755	Crimp Fittings Kit w/140k Btu Heat Exchanger Coil - CleanFire Models

Sharkbite Fittings Kits with Single Pump and Heat Exchanger - Traditional Models

Sharkbite Fittings Kit for Traditional 3300. 4400, 5500, 6500 models. Circulating pump and heat exchanger are included. Use with a forced-air furnace system setup.

Each kit includes:

- 1 - Circulator Pump (pump can vary from image)
- 1 - Heat Exchanger Coil (see kit description for size)
- 1 - 2" Black Nipple, 1" NPT
- 2 - Sharkbite Male Adapter, 1" MPT
- 2 - Street Elbow, 90˚ Brass, 3/4"
- 1 - Pump Flange Kit, 1" FIP
- 2 - Push-fit Reducer, 1" x 3/4" MPT

Dimensions of heat exchanger coils included in the fittings kits:

80k Btu - 12-3/4" x 18" x 4-1/8"
95k Btu - 15" x 20" x 4-1/8"
125k Btu - 17-3/4" x 20" x 4-1/8"
140k Btu - 19" x 21" x 4-1/8"

2500756	Sharkbite Fittings Kit w/80k Btu Heat Exchanger Coil - Traditional Models
2500757	Sharkbite Fittings Kit w/95k Btu Heat Exchanger Coil - Traditional Models
2500758	Sharkbite Fittings Kit w/125k Btu Heat Exchanger Coil - Traditional Models
2500759	Sharkbite Fittings Kit w/140k Btu Heat Exchanger Coil - Traditional Models

Fittings - Kits

Crimp Fittings Kits with Single Pump and Heat Exchanger - Traditional Models

Crimp Fittings Kit for Traditional 3300. 4400, 5500, 6500 models. Circulating pump and heat exchanger are included. Use with a forced-air furnace system setup.

Each kit includes:

- 1 - Circulator Pump (pump can vary from image)
- 1 - Heat Exchanger Coil (see kit description for size)
- 1 - 2" Black Nipple, 1" NPT
- 2 - PEX Male Adapter, 1" PEX x 1" MPT
- 1 - Pump Flange Kit, 1" FIP
- 4 - PEX Clamp Crimp Ring, 1"
- 2 - Male Adapter, 1" PEX x 3/4" MIP
- 2 - Street Elbow, 90˚ Brass, 3/4"
- 1 - Cinch Tool

Dimensions of heat exchanger coils included in the fittings kits:

80k Btu - 12-3/4" x 18" x 4-1/8"
95k Btu - 15" x 20" x 4-1/8"
125k Btu - 17-3/4" x 20" x 4-1/8"
140k Btu - 19" x 21" x 4-1/8"

2500760	Crimp Fittings Kit w/80k Btu Heat Exchanger Coil - Traditional Models
2500761	Crimp Fittings Kit w/95k Btu Heat Exchanger Coil - Traditional Models
2500762	Crimp Fittings Kit w/125k Btu Heat Exchanger Coil - Traditional Models
2500763	Crimp Fittings Kit w/140k Btu Heat Exchanger Coil - Traditional Models

Sharkbite Fittings Kits with Single Pump and Heat Exchanger - Maxim M255 PE Models

Sharkbite Fittings Kit for Maxim M255 PE models. Circulating pump and heat exchanger are included. Use with a forced-air furnace system setup.

Each kit includes:

- 1 - Circulator Pump (pump can vary from image)
- 1 - Heat Exchanger Coil (see kit description for size)
- 2 - Sharkbite Elbow, 90˚, 1"
- 2 - Nipple, Black, 3/4"
- 1 - Pump Flange Kit, 3/4" FIP
- 2 - Ball Valve, Brass, 3/4" FIP
- 1 - Check Valve, Swing, Brass, 3/4" FIP
- 4 - Sharkbite Reducer, 1" x 3/4" MPT
- 2 - Street Elbow, 90˚ Brass, 3/4"

Dimensions of heat exchanger coils included in the fittings kits:

80k Btu - 12-3/4" x 18" x 4-1/8"
95k Btu - 15" x 20" x 4-1/8"
125k Btu - 17-3/4" x 20" x 4-1/8"
140k Btu - 19" x 21" x 4-1/8"

2500764	Sharkbite Fittings Kit w/80k Btu Heat Exchanger Coil - M255 PE
2500765	Sharkbite Fittings Kit w/95k Btu Heat Exchanger Coil - M255 PE
2500766	Sharkbite Fittings Kit w/125k Btu Heat Exchanger Coil - M255 PE
2500767	Sharkbite Fittings Kit w/140k Btu Heat Exchanger Coil - M255 PE

Crimp Fittings Kits with Single Pump and Heat Exchanger - Maxim M255 PE Models

Crimp Fittings Kit for Maxim M255 PE models. Circulating pump and heat exchanger are included. Use with a forced-air furnace system setup.

Each kit includes:

- 1 - Circulator Pump (pump can vary from image)
- 1 - Heat Exchanger Coil (see kit description for size)
- 2 - PEX Elbow, 90˚ Brass, 1"
- 2 - Nipple, Black, 3/4"
- 1 - Pump Flange Kit, 3/4" FIP
- 2 - Ball Valve, Brass, 3/4" FIP
- 1 - Check Valve, Swing, Brass, 3/4" FIP
- 4 - PEX Male Adapter, 1" PEX x 3/4" MIP
- 8 - PEX Clamp Crimp Rings, 1"
- 2 - Street Elbow, 90˚ Brass, 3/4"
- 1 - Cinch Tool

Dimensions of heat exchanger coils included in the fittings kits:

80k Btu - 12-3/4" x 18" x 4-1/8"
95k Btu - 15" x 20" x 4-1/8"
125k Btu - 17-3/4" x 20" x 4-1/8"
140k Btu - 19" x 21" x 4-1/8"

2500768 Crimp Fittings Kit w/80k Btu Heat Exchanger Coil - M255 PE
2500769 Crimp Fittings Kit w/95k Btu Heat Exchanger Coil - M255 PE
2500770 Crimp Fittings Kit w/125k Btu Heat Exchanger Coil - M255 PE
2500771 Crimp Fittings Kit w/140k Btu Heat Exchanger Coil - M255 PE

Sharkbite Fittings Kits with 30-Plate Heat Exchanger

Sharkbite Fittings Kit for installing a 4.57" x 11.26" plate exchanger with 1" ports on an existing domestic hot water heater for thermal circulating heat transfer. Water-to-water 30-plate, 100k Btu exchanger is included.

Each kit includes:

- 1 - Heat Exchanger, 30-Plate, 100k Btu
- 2 - Street Elbow, 90˚ Brass, 1"
- 2 - Sharkbite Female Adapter, 1" FPT
- 2 - Sharkbite Elbow, 90˚, 3/4"
- 2 - Sharkbite Reduce Adapter, 3/4" x 1" FNPT

2500744 30-Plate Exchanger w/Sharkbite Fittings

Aquatstats / Thermostats

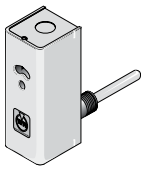
Aquastats & Thermostats

0020-376

0020-377

0020-376 Electronic Aquastat with 8' wire and 1/4" probe
0020-377 Strap-On Aquastat (2E859)

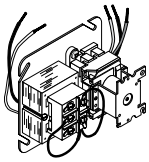
Aquastat, Immersible - Adjustable



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

169 Adjustable Aquastat with Well, 1/2" MPT

Fan Center Relay



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

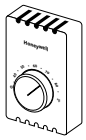
515 Fan Center Relay

0020-380

0020-382

0020-380 Low-Volt Thermostat, 24V
0020-382 Circuit Transformer

Thermostat, Line Voltage



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

1267 Line Voltage Thermostat

Relay, 24-Volt

Used to connect a 24-volt thermostat to existing thermostat for a heat pump.

8200293 Power Relay, 24V, SPNO-SPNC

Relay, 24-Volt

Fan relay used to control fan or other circuits with 24VAC.

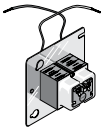
0020-383 Fan Relay, 24V

Thermostat, Plug-in

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

368 Plug-in Thermostat

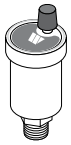
Transformer, 24-Volt



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

188 24-Volt Transformer

Vent Valve, Automatic



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

286 Automatic Vent Valve

Check Valves

0020-403

0020-403 Brass Swing Check Valve, 1" FPT

Check Valve, Swing - Brass

Brass Swing Check Valve with FIP fittings prevents reverse circulation.

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

Tempering Valve, Sweat

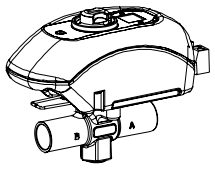
Tempering Valve has temperature range of 110˚F - 170˚F.

0020-408 Tempering Valve, 3/4" Sweat

Radiant Mixing Valve, Sweat

0020-410 Radiant Mixing Valve, 1" Sweat
0020-411 Radiant Mixing Valve, 3/4" Sweat

Zone Valves, Zone Sentry®



On-off, normally open or normally closed control in open and closed hydronic systems. Simple to install and operate, the valve can be installed in any direction, in any orientation. Snap-in quick connects make for a simple and secure wiring hook-up. LED shows full functionality of the valve's operation and thermostat status. Uses half the power of the 560 Series Zone Valves. 2-way or 3-way zone valves available.

5800059 3-Way Zone Sentry Zone Valve,1" NPT threads
5800021 3-Way Zone Sentry Zone Valve, 3/4" NPT threads
5800030 3-Way Zone Sentry Zone Valve, 3/4" sweat
5800028 3-Way Zone Sentry Zone Valve, 1" sweat
5800020 2-Way Zone Sentry Zone Valve, 3/4" NPT threads
5800027 2-Way Zone Sentry Zone Valve, 1" sweat
5800022 Replacement Actuator Head for Zone Sentry Valve

Caleffi 2-Way Zone Valve, 3/4" FNPT

Two-way on/off two position valve, straight-through flow pattern, brass body, stainless steel stem, EPDM rubber seals and paddle. 3/4" FNPT connections. Requires Switch, sold separately.

5800043 Zone Valve, 2-Way, 3/4" FNPT

Caleffi 2-Way Zone Valve, 1" Sweat

Two-way on/off two position valve, straight-through flow pattern, brass body, stainless steel stem, EPDM rubber seals and paddle. 1" sweat connections. Requires Switch, sold separately.

5800044 Zone Valve, 2-Way, 1" Sweat

Caleffi 3-Way Zone Valve, FNPT

Three-way on/off two position valve, diverting flow pattern, brass body, stainless steel stem, EPDM rubber seals and paddle. 3/4" or 1" FNPT connections. Requires Switch, sold separately.

5800045 Zone Valve, 3-Way, 3/4" FNPT
5800060 Zone Valve, 3-Way, 1" NPT

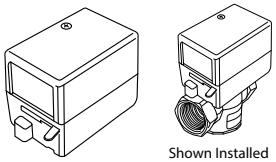
Valves

Caleffi 3-Way Zone Valve, Sweat

Three-way on/off two position valve, diverting flow pattern, brass body, stainless steel stem, EPDM rubber seals and paddle. 3/4" or 1" sweat connections. Requires Switch, sold separately.

5800046 Zone Valve, 3-Way, 3/4" Sweat
5800047 Zone Valve, 3-Way, 1" Sweat

Caleffi Zone Valve Switches



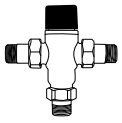
Shown Installed

Z1 actuator for motorized zone valves (closed). Easy push-button attachment, 7/8" knockout for 1/2" conduit connector. With auxiliary microswitch.

Rating of auxiliary switch contacts:
5800058 – 0.0 A min, 0.4 A max (24 V to 120 V)
5800049 – 0.25 A min, 5.0 A max (230 V).

5800049 Switch, Zone Valve, 24V, 5A, NC, 18" Wires
5800058 Switch, Zone Valve, 24V, 0.4A, NC, Terminal Block

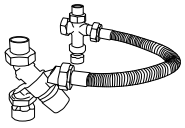
Caleffi 3-Way Thermostatic Mixing Valve, 3/4" NPT



Adjustable thermostatic mixing valve for point of distribution in domestic water systems and radiant hydronic heating systems. Low-lead brass body. Locking set point knob.

5800052 3-Way Thermostatic Mixing Valve, 3/4" NPT

Caleffi TankMixer, 3/4" NPT



Thermostatic mixing valve kit for domestic water heaters. Adjustment temperature range: 95˚F - 150˚F. 3/4" MPT fittings.

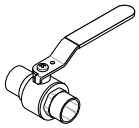
5800048 TankMixer, 3/4" NPT

DISCAL® Air Separator

Brass body. Stainless steel float guide pin and linkage. Glass reinforced nylon internal element. 1" NPT female bottom thread. Air separation efficiency: up to 100% removal.

5800051 DISCAL Air Separator, 1" FNPT

Ball Valve, Sweat



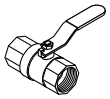
200 Sweat Ball Valve, 3/4" x 3/4" sweat fitting - Lead Free

Ball Valve, PEX

Full port ball valve for Central PEX.

5000556 Ball Valve, 1/2" PEX, Full Port
5000557 Ball Valve, 1" PEX, Full Port

Ball Valve



Brass FIP Ball Valves. 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.

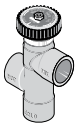
186 Ball Valve, 1/2"
198 Ball Valve, 3/4" Full Port - Lead Free

Hose Bibs, Brass

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

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

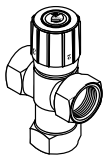
Valve, Tempering



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

140	Tempering Valve, 3/4" sweat fittings

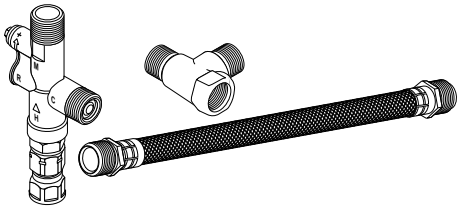
Valve, Radiant Mixing



For controlling water temperature in various types of radiant heat systems. Temperature range 70˚F - 145˚F. Not an anti-scald valve and not intended to be used on water heaters.

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

Valve, Water Heater Mixing



Designed specifically for water heaters, with a temperature range of 90˚F - 130˚F. Includes 18" braided hose and brass tee.

5000392	Water Heater Mixing Valve, 3/4" NPT fittings, lead free

Chimney

Chimneys - Traditional Models

NOTE: For Traditional furnaces manufactured after January 2023 with serial # noted or before August 11, 2009.

WM 3300SS - first serial # WT30139 and up
WM 4400SS - first serial # WT40306 and up

6500004 6" x 48" Chimney
6500038 6" x 24" Chimney
6500036 6" Chimney Coupler
2900595 6" Chimney Rain Cap

WM 5500SS - first serial # WT50175 and up

10508 8" x 48" Chimney
6500039 8" x 18" Chimney
6500037 8" Chimney Coupler
10774 8" Chimney Rain Cap

SuperPro Chimneys (Selkirk)

NOTE: SuperPro Chimneys fit furnaces manufactured after August 11, 2009 until January 2023 (see note above).

SuperPro Chimneys - 6" Diameter

1709-060 6" Chimney Cap
1709-061 6" Cover Cap
1709-062 6" Chimney Male Coupler
1709-063 Chimney Spark Arrestor Mesh, 6"
1709-064 6" x 24" SuperPro SS Chimney
1709-065 6" x 48" SuperPro SS Chimney
1709-069 6" Chimney Locking Band

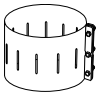
SuperPro Chimneys - 8" Diameter

1709-080 8" Chimney Cap
1709-082 8" Male Coupler
1709-083 Chimney Spark Arrestor Mesh, 8"
6500035 8" x 18" SuperPro SS Chimney
1709-084 8" x 24" SuperPro SS Chimney
1709-085 8" x 48" SuperPro SS Chimney
1709-089 8" Chimney Locking Band

Chimney Coupler

6500037 8" Stainless Steel Chimney Coupler
6500036 6" Stainless Steel Chimney Coupler

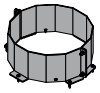
Chimney Band Clamp Kit, 8"



Reinforces strength between two sections of 8" chimney.

4518 Chimney Band Clamp Kit, 8"

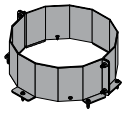
Chimney Base Brace Kit, 6"



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

2500044 Chimney Base Brace Kit, 6"

Chimney Base Brace Kit, 8"



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

4519 Chimney Base Brace Kit, 8"

Clamp, Snaplock Chimney - 8"

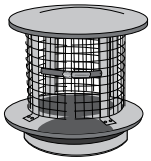
10509 Clamp, Snaplock Chimney - 8"

Chimney Guy-Wire Band Kit, 8"

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.

778 Chimney Guy-Wire Band Kit

Chimney Cap/Spark Arrestor



New version chimney cap/spark arrestor provides better fit, features a snaplock clamp and screen that is secured with a clamp-on fastener for easy removal. Available for 6" and 8" chimneys. Compatible with Security chimneys.

2900597 6" Chimney Cap/Spark Arrestor
2900598 8" Chimney Cap/Spark Arrestor

Twist-Lock Chimneys (Security)

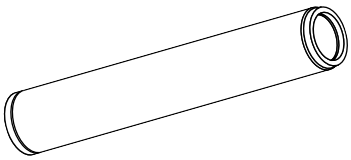
NOTE: Twist-Lock Chimneys fit furnaces manufactured before August 11, 2009.

6500004 6" x 48" Twist-Lock Stainless Steel Chimney
10508 8" x 48" Twist-Lock Stainless Steel Chimney
0709-100 10" Twist-Lock Chimney Cap
0709-102 10" Twist-Lock Male Coupler
0709-104 10" x 24" Twist-Lock Stainless Steel Chimney
0709-105 10" x 48" Twist-Lock Stainless Steel Chimney
0709-130 Twist-Lock Spark Arrestor Mesh

Draft Inducer Kits

0109-734 Draft Inducer, LT 90 and AFS models

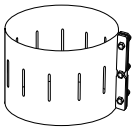
Chimney Sections, 6" - Maxim



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

6500004 6" x 48" Chimney Extension
6500011 6" Chimney Snaplock Clamp

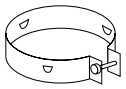
Chimney Band Clamp Kit, 6"



Reinforces strength between two sections of 6" chimney.

9535 Chimney Band Clamp Kit, 6"

Chimney Guy-Wire Band, 6"



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.

776 Guy-Wire Band

Corrosion Inhibitor, Treatment

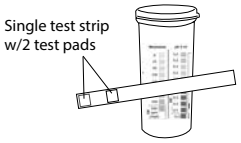
MolyArmor 350 Corrosion Inhibitor

MolyArmor 350 Corrosion Inhibitor (boiler treatment) provides excellent water jacket corrosion protection when properly maintained at a minimum of 350 ppm. It is easy to test for maintenance levels with a test kit (p/n 2500691). One gallon of MolyArmor 350 Corrosion Inhibitor treats 200 gallons of system water.

Models	Initial MolyArmor 350 Amount
Maxim M255 PE; 3300	1/2 gal.
CleanFire 300, 500; 4400, 5500	1 gal.
CleanFire 700	2 gal.
CleanFire 900	3 gal.
6500	2-1/2 gal.

2900631 MolyArmor 350 Corrosion Inhibitor, 1 gal.

Moly/pH Single Strip Test Kit

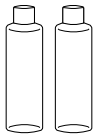


Test Kit for testing your furnace water when treated with MolyArmor 350 Corrosion Inhibitor. Test kit is a vial of 25 strips that only requires a single test strip for testing both pH and Moly. Instructions are provided on the label of the kit bottle.

Note that timing is important when checking the test pad to the color chart.

2500691 Moly/pH Single Strip Test Kit

Water Sample Bottle Kit



Used to submit required water samples for CleanFire model furnaces. Each kit includes two bottles, two shipping boxes, and two generic mailing labels. Includes instructions.

2500686 Kit, Water Sample Bottle

Sludge Conditioner

Reduces mineral deposits in boiler side of water-to-water heat exchangers. Can be used as a preventative when filling the furnace or as a rescue treatment if corrosion occurs in the water jacket due to improperly maintained Corrosion Inhibitor levels.

Refer to following chart for the amount to use for each model furnace for preventative or rescue treatment applications. Note that 1 unit = 1 gallon.

PREVENTATIVE IN HARD WATER: While it is best to use softened water when filling the furnace, Sludge Conditioner should be used if the water quality is known to contain higher concentrations of minerals or solids.

RESCUE TREATMENT FOR CORROSION: 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.

Models	Preventative Amount	Rescue Amount
Maxim M255 PE; 3300, 4400		
CleanFire 300	1/2 unit	1 units
CleanFire 500, 700; 5500	1 unit	2 units
CleanFire 900; 6500	2 units	4 units

166 Sludge Conditioner, 1 gal.

CS-25 Alkalinity Builder

CS-25 Alkalinity Builder is an additive for increasing the alkalinity (pH) of systems that have been treated with propylene glycol antifreeze if MolyArmor 350 has achieved 350+ ppm moly but the pH of the treated system water is lower than 8.0.

To use, add 32 ounces of CS-25 Alkalinity Builder, circulate at operating temperature for 48 hours and test pH again. Repeat as needed, adding 32 ounces at a time and circulating for 48 hours before testing again.

If the system was NOT treated with propylene glycol antifreeze, MolyArmor 350 was added to achieve 350+ ppm moly, and the pH is lower than 8.0, drain the system. Then use makeup water from an alternate source that is within the recommended level of 6.5 - 8.0 pH before being treated with MolyArmor 350.

2900667 CS-25 Alkalinity Builder, 1-gallon

Replacement Fan

0109-730 Replacement Fan (4C012) - 328, old 434
0109-731 Replacement Fan (4C004) - 3300, 434, 5500 (rear), AFS 900 and LT90

0109-732

0109-732 Replacement Fan (4C446) - 4400, 5500, 546, 6500, 658 & AFS1100
5800040 Replacement Fan - 4400, 5500, 546, 6500, 658 & AFS1100

0109-790

0109-790 Solenoid, Laminated
6145 Draft Spring

Replacement Fan Cover

0709-051

0709-051 Fan Cover, WoodMaster Models and LT 90
0109-101 Snap Disc, Auto Reset, 190˚F/150˚F Traditional Models

0109-103

0109-103 Snap Disc, Manual Reset, 180˚F, MF5500, AFS 900

Firebox Door

3300 Firebox Door

2700282 Firebox Door, 3300/434
2700283 Firebox Door, 4400/546
2700284 Firebox Door, 5500
2001242-011 Firebox Door, 6500, LH
2001243-011 Firebox Door, 6500, RH
7992-110 Firebox Door Assembly, AFS900/1100/LT90
0409-012 Firebox Door Handle Knob, 3300, 4400, 5500, 6500

Replacement Silicone

806 Black Silicone Adhesive, High Temperature, 10.1 oz

Replacement Door Rope

7594 Door Rope, 1" Fiberglass, Firebox - Per Foot (250' per box)

ETC Assembly, Wood Stove

7992-901 ETC Panel Assembly, Wood Stove
0109-154 Circuit Breaker Switch, 10A

Dixell Temp Control

0109-001 Dixell Temp Control
0409-027 ETC Gasket
0109-152 Fan Switch, ON/OFF
0409-003 ETC Back Box
430-0021 ETC Cover UV Shield
0219-021 Lock Nut, Center, 5/16"-18 (requires 4 per panel)

Replacement Harnesses

0109-401 ETC Wire Harness, Wood Stoves
0109-411 Stove Harness, Single Blower - 3300/4400
0109-412 Stove Harness, Double Blower - 5500
0109-413 Stove Harness - 6500

Replacement Night Light Glass Cover

0020-777

0020-777 Glass Cover, Night Light

Replacement Stove Light w/Glass Cover

0109-241 Stove Light w/Glass Cover

Replacement Water Level Light

0109-245

0109-245 Water Level Light Receptacle, Green LED

0109-100

0109-100 Float Assembly for Water Level Light

0109-153

0109-153 Switch, Light On/Off

Furnace Replacement Parts

Replacement Thermistor

0109-002

The Thermistor w/Brass Probe (p/n 726) can be used in CleanFire models and can replace 0109-002 in WoodMaster Traditional furnaces.

0109-002 Thermistor, Digital Aquastat
726 Thermistor w/Brass Probe

Replacement Thermowell

0109-003

0109-003 Thermowell, 1/2"

Replacement Temperature Probe

0109-620 Temperature Probe, LT 90 RTD

Replacement Water Pressure Switch

Water Pressure Switch

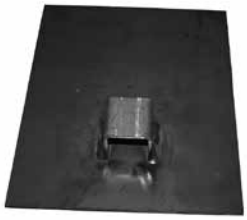
0109-192 Water Pressure Switch, 1-1/4"

Replacement On/Off Switch

0109-152 Switch, Fan On/Off

Slide Rod Plates

Slide Rod Plate



1200908 Slide Rod Plate, 3300
1200903 Slide Rod Plate, 4400
1200910 Slide Rod Plate, 5500
1200913 Slide Rod Plate, 6500

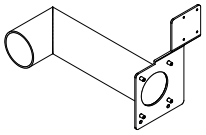
Slide Rod/Assemblies

7992-033 Breakaway Slide Rod Assembly, 3300

4400 Breakaway Slide Rod

7992-044 Breakaway Slide Rod Assembly, 4400
7992-055 Breakaway Slide Rod Assembly, 5500
7992-065 Slide Rod Assembly, 6500
7992-332 Slide Rod/Slide Plate Kit, 3300
7992-442 Slide Rod/Slide Plate Kit, 4400
7992-552 Slide Rod/Slide Plate Kit, 5500
7992-652 Slide Rod/Slide Plate Kit, 6500

Over Fire Air Tube



0909-561 Air Tube, Over Air, 5500

Ash Removal Systems

Ash/Auger Kit

7992-444 Ash/Auger Kit, 4400
0809-400 Ash Grate, 4400
0809-404 Triple Auger Assembly, 4400
0809-403 Triple Ash Auger WMT, Inside (Center Auger), 4400
7992-554 Ash/Auger Kit, 5500
0809-500 Ash Grate, 5500
0809-504 Triple Auger Assembly, 5500
0809-503 Triple Ash Auger WMT, Inside (Center Auger), 5500
2001236 Auger Tube Cover w/Ash Drop Out Door
0909-401 Crank Handle, Ash Auger (fits all models)

Auger Chains

0020-800 Auger Chain, 4400
0020-801 Auger Chain, 5500

Replacement Vent Cap

7992-021

7992-021 Vent Cap

AFS Replacement Parts - Fire Pot

0809-012

0809-012 Fire Pot, AFS 900
7995-013 Fire Pot With End Plate, AFS 1100

0611-022

0611-022 Front Plate, AFS 1100

AFS Replacement Parts - Augers

0609-500

0609-500 High Temperature Auger, AFS 900

AFS Replacement Parts - Motor Items

0109-701

0109-701 Motor, AFS 900

0109-702

0109-702 Motor, AFS 1100

AFS Replacement Parts

0109-194

0109-194 Air Pressure Switch, AFS 900

0109-601

0109-601 Ignitor, AFS 900 (800 Watt)

0209-252

0209-252 Morris Coupling
0209-254 Morris Coupling Gasket Seal

Flex Fuel Replacement Parts

Flex Fuel Replacement Parts - Handles

0409-013 Firebox Handle

Flex Fuel Replacement Parts - Heat Exchanger Gaskets

Heat Exchanger Gasket

6000057 Heat Exchanger Gasket, 30 kW
041-0006 Heat Exchanger Gasket, 60 kW

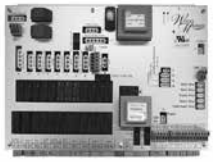
Flex Fuel Replacement Parts - Grates

Pellet Grate Insert

351-7000 Pellet Grate Insert, 30 kW

Flex Fuel Replacement Parts - Control Panel Displays

011-0013 30 kW Control Panel Display
011-0016 60 kW Control Panel Display



011-0006

Flex Fuel Replacement Parts - I/O Board

011-0006 I/O Board

Renovator Replacement Parts - Air Box Gasket Rope Kit

420-0008 Kit, Renovator Air Box Gasket Rope

Renovator Replacement Parts - Burn Pot

Renovator 20 Burn Pot

800-0116 Burn Pot, Renovator 20
800-0133 Burn Pot, Renovator 30
610-0367 Flame Guard

Renovator Replacement Electronics

100-0035

100-0035 Snap Disc, Renovator 20
100-0048 Relay, Renovator
100-0043 Temperature Control, Renovator
160-0000 Ignitor, 400W
100-0037 Photosensor

Renovator Replacement Parts - Combustion Fan

430-0009

430-0009 Hose, Blue Intake, 22"
120-0003 Combustion Fan, Renovator

Options and Tools

Sediment Trapper Filter, Hot Water, 3/4"

Centrifugal separation technology and 100 mesh filter element. Amber see-through cover easily removable for cleaning using no tools. Bottom valve used to empty sediment. Stainless steel screen filter is cleanable and reusable.

Rated to 200˚F (93˚C) @ 40 psi. Dimensions: 14-3/8"L x 5"W. Port size: 3/4" FPT.

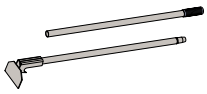
2900578 Hot Water Sediment Trapper Filter, 3/4" FPT
5000683 O-Ring, Replacement, for Hot Water Filter (p/n 2900578)

Multimeter, Digital Pocket

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

2657 Digital Pocket Multimeter

Hoe, Firebox



Used as a firebox maintenance tool; hoe includes metal handle.

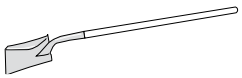
2900001 Hoe, Firebox, 72”

Hoe, Ash

For use in all wood stoves.

7992-329 Ash Hoe

Ash Shovel, Reaction Chamber



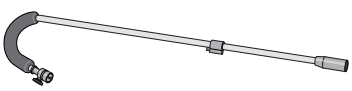
Flat shovel is used to remove ash. The shovel head angle allows for cleaning to the back of the Reaction Chamber on CleanFire models.

2900535 Ash Shovel

Brush, Stainless Steel

0020-772 Stainless Steel Brush, 2" x 36" for tube cleaning

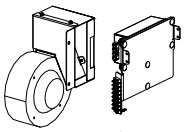
Torch, Outdoor



Torch design allows easy starting of the fire in CleanFire and Maxim models.

2900325 Outdoor Torch

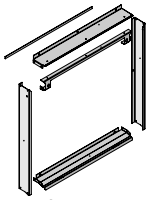
24V Fan Conversion Kit



Kit is used to allow a CleanFire furnace to be operated with 24V DC (for systems off the grid, for example). Includes a 24V Combustion Fan and a low-voltage replacement power supply. Only for CleanFire 300, 500 or 700 (will not work for CleanFire 900).

2500633 24V Fan Conversion Kit

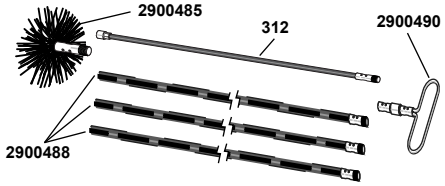
Pump Panel Extension Kit - CleanFire 300/500



Kit provides additional room for mounting more than one pump on CleanFire 300 or 500 models.

2500164 Pump Panel Extension Kit

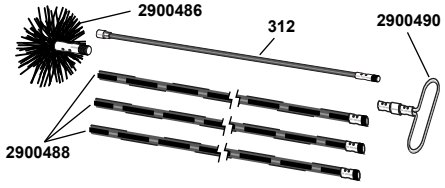
Chimney Cleaning Kit - 6"



Kit for cleaning both the horizontal and vertical portions of all 6" chimneys. Includes components shown above. Replacement components may be purchased individually.

2500738 Chimney Cleaning Kit, 6"
2900485 6" Chimney Brush
312 Extension Rod, 48" Fiber
2900488 Extension Rod, 48" Wire
2900490 Handle

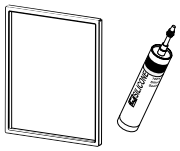
Chimney Cleaning Kit - 8"



Kit for cleaning both the horizontal and vertical portions of all 8" chimneys. Includes components shown above. Replacement components may be purchased individually.

2500739 Chimney Cleaning Kit, 8"
2900486 8" Chimney Brush
312 Extension Rod, 48" Fiber
2900488 Extension Rod, 48" Wire
2900490 Handle

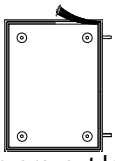
Door Seal



Kits include silicone-coated fiberglass door seal, Black Silicone and instructions.

2500697 Door Seal Kit - CleanFire 300, 500
2500698 Door Seal Kit - CleanFire 700, 900
4050036 Foam Bumper Pad, Door Switch - CleanFire models
806 Black Silicone, 10 oz.

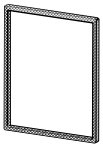
Rope, Door Seal



Sold either by the foot or in pre-cut lengths for specific model applications (282' per box). Silicone is not included.

7674 Rope, 7/8", priced per ft

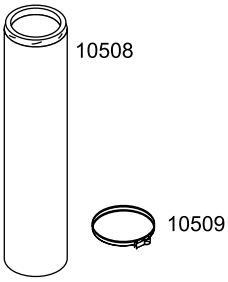
Door Seal, Silicone-Coated, 100-ft



Silicone-coated 7/8" Door Seal is available in100-foot lengths. Minimum lengths for CleanFire models: 300=71", 500=79", 700=99", 900=106".

6000064 Door Seal, Silicone-Coated, 7/8", 100-ft

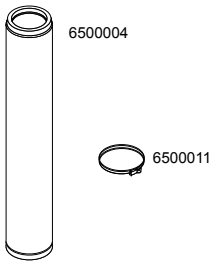
Chimney Sections, 8" - CleanFire 700/900



8" Stainless steel chimney currently shipped with CleanFire 700 models. 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 Snaplock Clamp (p/n 10509). For outdoor applications only. Not to be used for venting of indoor heating appliances.

10508 8" Chimney Extension, 4'
10509 Chimney Snaplock Clamp, 8"

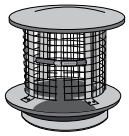
Chimney Sections, 6" - CleanFire 300 and 500



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

6500004 6" Chimney Extension, 4'
6500011 Chimney Snaplock Clamp, 6"

Chimney Cap/Spark Arrestor



New version chimney cap/spark arrestor provides better fit, features a snaplock clamp and screen that is secured with a clamp-on fastener for easy removal. Available for 6" and 8" chimneys.

2900597 6" Chimney Cap, Spark Arrestor
2900598 8" Chimney Cap, Spark Arrestor

Chimney Band Clamp Kit, 6"

Reinforces strength between two sections of 6" chimney.

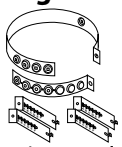
9535 Chimney Band Clamp Kit, 6"

Chimney Band Clamp Kit, 8"

Reinforces strength between two sections of 8" chimney.

4518 Chimney Band Clamp Kit, 8"

Chimney Attachment Ring



Used with electrical conduit (not included) to reinforce chimney when five or more sections are used. For 6" chimneys, must be located directly below 6" Chimney Locking Band (p/n 6500011) to reduce stress on the joint. For 8" chimneys, must be located directly below 8" Chimney Locking Band (p/n 10509) to reduce stress on the joint.

774 Chimney Attachment Ring

CleanFire Furnace Parts & Accessories

Chimney Guy-Wire Band, 6"

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.

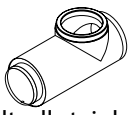
776 Guy-Wire Band

Chimney Guy-Wire Band Kit, 8"

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.

778 Chimney Guy-Wire Band Kit

Chimney Tee Kits, Stainless Steel



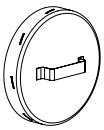
Type HT listed, factory-built, all stainless steel chimney tee. Kit includes chimney tee cover and chimney tee rope rings. NOTE: Silicone (p/n 806) is not included.

8" Chimney Tee Kit (p/n 2500621) - CleanFire 700 and 900.

6" Chimney Tee Kit (p/n 2500620) - CleanFire 300 and 500.

2500621 8" Chimney Tee Kit
2500620 6" Chimney Tee Kit

Chimney Tee Covers



Replacement chimney tee cover.

10775 8" Cover - CleanFire 700 and 900
2900319 6" Cover - CleanFire 300 and 500

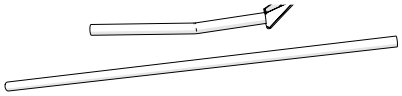
Chimney Rope Ring

Replacement rope ring for chimneys. See table below for applications. When ordering p/n 809, specify the length in feet.

Model	Rope Ring part number	
	Between chimney connector and furnace	Below first chimney section
CleanFire 700/900	6000033	7632
CleanFire 300/500	6000034	809 (order 2 ft)

6000033 Rope Ring (only), 2" Low Density Braid, 8" I.D.
6000034 Rope Ring (only), 1.75" Low Density Braid, 6" I.D.
7632 Rope Ring, 3/4", 8" ID
809 Door Seal Rope, 3/4", priced per ft (394' per box)

Scraper Tool



Used to maintain and clean the firebox.

2900534 Scraper Tool

Cleaning Rod - CleanFire

Used to clean the firebox.

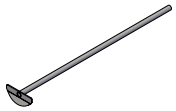
2001235 Cleaning Rod

Cleaning Tool, Heat Exchanger

Tool for cleaning CleanFire rear heat exchangers.

3105186-011 Heat Exchanger Cleaning Tool

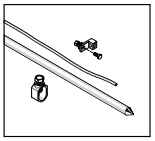
Cleaning Tool, Afterburner



Tool for cleaning Afterburner and Reaction Chamber on CleanFire models.

1200897-011 Afterburner Cleaning Tool

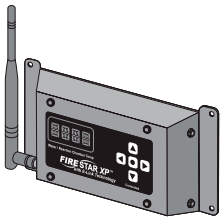
Grounding Rod Kit



Used to electrically ground the furnace.

6593 Grounding Rod Kit

FireStar XP Outdoor Wi-Fi Module Kit



Outdoor Wi-Fi wireless display can be used to remotely view operational data on the FireStar II controller. Compatible only with a properly configured FireStar II equipped outdoor furnace (with software version 2.5x or higher on Maxim M255 PE models).

Kit includes FireStar XP Outdoor Wi-Fi Module, antenna, 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.

2500185 FireStar XP Outdoor Wi-Fi Module Kit
8200080 Wi-Fi Antenna Only

Ash Scoop - Maxim

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

315 Ash Scoop

Flue Brush & Handle

Used to clean the flue passageways of M255 PE models. Flue Brush Kit (p/n 390) includes 398, 312 and handle. Not to be used for cleaning 6" or 8" chimney.

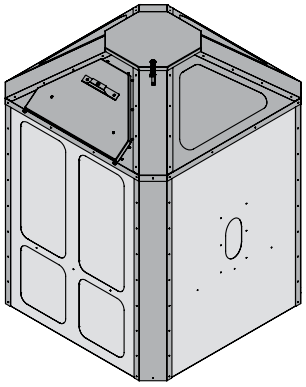
390 Flue Brush Kit
312 Extension Rod, 48"
398 Flue Brush
2900490 Replacement Handle

Cleaning Rod - Maxim

Used to clean the firebox.

317 Cleaning Rod

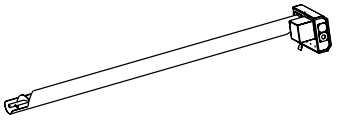
Hopper, 48-Bushel Kit w/Auger - Maxim M255 PE



Increases fuel storage capacity, for Maxim M255 PE models. Includes 5-1/2' auxiliary auger 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".

2500724-202 48-Bushel Hopper w/5-1/2' Auger Kit - Green and Olive Gray
2500724-021 48-Bushel Hopper w/5-1/2' Auger Kit - Terra Brown and Taupe

Auxiliary Auger Kits - Maxim

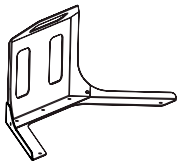


Transfer augers for external hoppers. Use 5-1/2' Auxiliary Auger Kit (p/n 2500007) as a replacement auger with the 48-Bushel Hopper Kit (this auger is included with the 48-Bushel Hopper Kits). The 6' Auxiliary Auger Kit (p/n 2500008) and 8' Auxiliary Auger Kit (p/n 2500009) will not work with the 48-Bushel Hopper.

2500008 Auxiliary Auger Kit, 6'
2500007 Auxiliary Auger Kit, 5-1/2'
2500009 Auxiliary Auger Kit, 8'
2000041 Replacement Gear Motor, Auxiliary Auger

Maxim Furnace Parts & Accessories

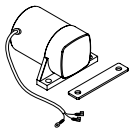
Bag Holder Kit - Maxim



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

9804 Bag Holder Kit

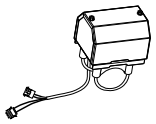
Hopper Vibrator Kit - Maxim



Vibrator attaches to the side of the Maxim's integrated hopper to keep fuel from bridging. Template provided.

9691 Hopper Vibrator Kit

Auxiliary Auger Vibrator w/Timer Kit - Maxim



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.

9458 Auxiliary Auger Vibrator w/Timer Kit

Connectors, Lever Nut

For easy connections of wires, in three configurations (5-lever connector shown).

8200277 Electrical Connector, 2-Lever
8200278 Electrical Connector, 3-Lever
8200279 Electrical Connector, 5-Lever

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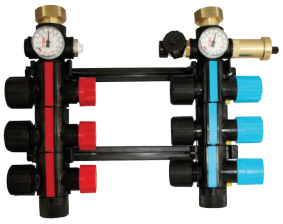

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ASH GRATE SYSTEM

TACO PUMPS

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