

Residential Parts Pricing

Hydronic Boilers, Water and Space Heaters

This Document Covers	Models	Sizes	Doc. No.
NeoTherm Boiler	NTH	80-285	1218, 1252
FT Series Wall Mounted Combination or Boiler	MFTCW, MFTHW	100-199	1487, 1483
FT Series Floor Standing Combination or Boiler	LFTCF, LFTHF	199	1505, 1510
LT Series Wall Mounted Water Heater	LT199NX, LT199PX, LT199NR, LT199PR	199	2182, 2192
Mascot FT Wall Mounted Boiler	MFTHW	80-199	1342
Mascot FT Wall Mounted Combination	MFTCW	140-199	1318
Mascot ST Wall Mounted Water Heater	MSTWW	199	1316
Mascot LX Wall Mounted Combination or Boiler	MLXC, MLXH	50-220	1285
Mascot II Wall Mounted Boiler	LMC, LMH	125	1230
Endurance Boiler/Space/Water Heater	EDP, EDN, EBP	110-175	1117, 1187
Mighty Therm2 Boilers, Water Heaters	MT2	200-400	1231
Pennant Boilers, Water Heaters	PNC	200-400	1195
Mini-Therm JX Hydronic Boiler	JX	50-200	1478
Mini-Therm JV Hydronic Boiler	JVS, JVT	50-225	1254
Mini-Therm JVi Hydronic Boiler	JVH	50-225	1080
Mini-Combo Space/Water Heater	MC	50-125	8001
Laars-Stor Indirect Tanks	LS-SW, LS-DW and LS-RTV	30-120	11062, 11045, 11064
Mark II H Series Boiler/Water Heater	H, HW, HP	60-130	1105





Using "Genuine Laars" parts will ensure accurate replacement and warranty coverage.
Installation and Operation Manuals for current products are available on-line at www.Laars.com

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NeoTherm

Sizes 80,000 - 285,000 BTU/h

Part No.	Description	Size	Part No.	Description	Size
GAS / AIR COMPONENTS			WATERWAY / HEAT EXCHANGER COMPONENTS		
RA2113700	Combustion air blower.....	80-105	RE2319700	Duplex stack temperature sensor.....	80-210
RA2107500	Combustion air blower.....	150	RE2319800	Duplex stack temperature sensor.....	285
RA2114200	Combustion air blower.....	210-285	CA005400	Outdoor air sensor.....	80-285
R2069101	Main burner with gasket.....	80	RE2333500	Display module, revision 2*.....	80-285
R2069102	Main burner with gasket.....	105	RTXD7108	Control module, revision 2*.....	80-105
R2069103	Main burner with gasket.....	150	RTXD7109	Control module, revision 2*.....	150-285
R2069104	Main burner with gasket.....	210	CA50D7182	Retrofit to rev 3 cntrl & displ, revision 2*.....	80-105
R2069105	Main burner with gasket.....	285	CA50D7183	Retrofit to rev 3 cntrl & displ, revision 2*.....	150-210
RS2108500	Burner gasket.....	80-285	CA50D7181	Retrofit to rev 3 cntrl & displ, revision 2*.....	285
R2069200	Flame sensor with gasket.....	80-285	RE2347200	Display module, revision 3*.....	80-285
R2069300	Ignitor with gasket.....	80-285	RXD7199	Control module, revision 3*.....	80-105
RW2013400	Flame sensor gasket.....	80-285	RXD7198	Control module, revision 3*.....	150-210
RW2013300	Ignitor gasket.....	80-285	RXD7234	Control module, revision 3*.....	285
RS2112801	Burner door with gaskets.....	80-285	R50D7414	Wire harness.....	210
R2069400	Gaskets - burner door.....	80-210	R50D7412	Wire harness.....	80-150
RV2017900	Gas valve / venturi.....	80	R50D7408	Wire harness.....	285
RV2017901	Gas valve / venturi.....	105	R50D7001	Control panel enclosure.....	80-285
RV2017902	Gas valve / venturi.....	150	R50D7002	High voltage shield.....	80-285
RV2017903	Gas valve / venturi.....	210	RE2354000	Thermo-fuse, HX rear.....	285
RV2017904	Gas valve / venturi.....	285	RE2353601	Thermo-switch, burner door.....	285
R30D5013	Venturi to duct transition.....	285	50D7508	Harness, flame sensor.....	80-210
R30-227	Gas valve o-ring.....	80-285	50D7516	Harness, ignitor.....	80-210
R20D4020	Condensate trap assembly.....	80-210	R50D7003	Top panel bracket.....	80-285
R50D4020	Condensate trap assembly.....	285	RE2370700	Transformer.....	80-285
RS2109100	Gasket set (burner, ignitor, sensor, door).....	80-285	RE2322700	Rocker switch.....	80-285
RS2109400	Screw, air/gas channel (5-pack).....	80-210	RE2334700	Air pressure switch.....	80-150
RP2051700	Gas supply pipe.....	80	RE2334701	Air pressure switch.....	210
RP2051400	Gas supply pipe.....	105-210	RE2334700	Air pressure switch, 2 & 3*.....	285
RP2051500	Gas supply pipe.....	285	JACKET / BASE COMPONENTS		
RD0091101	Air inlet flex hose.....	285	8D3327	Left top panel.....	80
R8D3005	Air inlet / exhaust bracket.....	80	8D3328	Top panel, middle left.....	80
R10D3005	Air inlet / exhaust bracket.....	105	8D3329	Top panel, middle right.....	80
R20D3120	Air inlet / exhaust bracket.....	150-210	8D3330	Top panel, rear right.....	80
R30D3005	Air inlet / exhaust bracket.....	285	R15D3001	Right side panel.....	80-150
RS2108700	Air/gas channel.....	285	R15D3002	Left side panel.....	80-150
RD2010501	CPVC reducer or coupling.....	80-105	R15D3102	Jacket angle support (left only for 80-105).....	80-150
RP2053000	PVC reducer.....	150-210	R15D3303	Top middle panel.....	150
RP2052900	PVC reducer.....	285	R20D3301	Right top panel.....	210
RP2056100	Nylon NPT to hose barb adapter.....	150-285	R20D3303	Left top panel.....	210
RP2065600	CPVC reducer or coupling.....	150-210			
RP2067100	Nylon NPT to hose barb adapter.....	80-105			
R2004000	High gas pressure switch (opt).....	80-285			
R2004100	Low gas pressure switch (opt).....	80-285			
CONVERSION KITS					
CA006201	Propane conversion kit.....	80			
CA006202	Propane conversion kit.....	105			
CA006203	Propane conversion kit.....	150			
CA006204	Propane conversion kit.....	210			
CA006205	Propane conversion kit.....	285			
CA006206	Natural conversion kit.....	80-210			
ELECTRICAL / CONTROL COMPONENTS					
RE2319900	Duplex water temp sensor (outlet).....	80-285			
RE2320600	Water temperature sensor (inlet).....	80-285			
CA005600	System water sensor.....	80-285			
CA005500	DHW sensor.....	80-285			

*Revision shown in the 10th character of the boiler's model number
Contact Laars for revision 1 models

NeoTherm (Cont.)

Part No.	Description	Size
R30D3001	Right side panel.....	285
R30D3002	Left side panel.....	210-285
30D3312	Left top panel.....	285
30D3311	Middle left top panel.....	285
30D3313	Middle right top panel.....	285
R30D3303	Left top panel.....	285
R30D3302	Top middle panel.....	285
R30D3301	Right top panel rev 1.....	285
30D3314	Right top panel rev 2 & 3.....	285
R30D3102	Jacket angle support (left only for 80-105).....	210-285
R50D3003	Jacket support left stanchion.....	80-285
R50D3004	Jacket support right stanchion.....	80-285
R50D3101	Rear panel.....	80-285
R60D3200	Front panel assembly, revision 2*.....	80-285
R60D3203	Front panel assembly, revision 3*.....	80-285
R50D3200	Front panel assembly, revision 1*.....	285
R50D3204	Front panel handle.....	80-285
R50D7120	Front bezel (EMEA display).....	80-210
R8D3102	Jacket angle support, right.....	80-105
R15D1002	Cantilevered base stanchion.....	80-150
R40D1001	Cantilevered base stanchion.....	210-285
R15D1100	Base assembly.....	80-150
R30D1100	Base assembly.....	210-285
R15D1004	Mounting rail.....	80-150
R30D1004	Mounting rail.....	210-285
R50D1001	Left rear support stanchion.....	80-285
R50D1002	Left frt / right rear support stanchion.....	80-285
R50D1005	Rear stanchion brace.....	285
85D1005	Front/rear stanchion brace.....	285
R50D1006	Heat exchanger rail clip.....	80-285

NEUTRALIZER MEDIA

A2123605	Neutralizer media, 2.5 lb.....	all
A2123606	Neutralizer media, 40 lb.....	all
Q2016900	Neutralizer media, sold by lb.....	all

Part No.	Description	Size
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*Revision shown in the 10th character of the boiler's model number
Contact Laars for revision 1 models

FT Series Wall Hung

Models MFTCW and MFTHW - Revision 2

Part No.	Description	Model	Size	Part No.	Description	Model	Size
GAS / AIR COMPONENTS				ELECTRICAL / CONTROL COMPONENTS			
FT2015	Burner.....	CW & HW	100-140	FT2123	Gas pipe, upper assembly.....	CW	140
FT2039	Burner.....	CW & HW	199	FT1893	Gas inlet adaptor.....	CW	ALL
FT2014	Burner ass'y.....	CW & HW	100-140	FT1538	Gas valve inlet adaptor.....	CW	140
FT2038	Burner ass'y.....	CW & HW	199	FT1538	Gas valve inlet adaptor.....	HW	ALL
FT1824	Burner gasket.....	CW & HW	199	FT1919	Gas valve outlet adaptor.....	CW & HW	ALL
FT1927	Burner gasket.....	CW & HW	100-140	FT1539	Gas valve bracket.....	CW	140
FT1928	Burner downside case.....	CW	140	FT1779	Gas valve bracket.....	CW	199
FT2041	Burner downside case.....	CW & HW	199	FT1921	Safety valve rubber pad.....	CW	ALL
FT1760	Burner upper case.....	CW & HW	199	FT1665	Refractory.....	CW	140
FT1406	Fan.....	CW & HW	ALL	FT1665	Refractory.....	HW	ALL
FT2053	Fan assembly.....	HW	100	FT1730	Bird screen 3".....	CW & HW	ALL
FT2021	Fan assembly.....	CW & HW	140	ST1070	Condensate hose.....	CW & HW	ALL
FT1916	Fan assembly.....	CW & HW	199	FT1783	Condensate trap assembly.....	CW & HW	ALL
FT2018	Fan guide.....	CW & HW	100-140	FT1918	Nylon barb Y fitting.....	HW	ALL
FT2043	Fan guide.....	CW & HW	199	FT1603	Stainless band (100).....	HW	ALL
FT2101	Fan guide assembly.....	HW	100-140	FT1777	Stainless band (089).....	CW	199
FT2121	Fan guide assembly.....	CW	140	ELECTRICAL / CONTROL COMPONENTS			
ST1038	Fan sealing o-ring.....	CW & HW	ALL	R2080611	Control.....	HW	ALL
FT2020	Fan rubber gasket.....	CW & HW	ALL	R2080610	Control.....	CW	ALL
FT1082	Fan outlet gasket.....	CW & HW	100-140	FT1049	Control bracket.....	HW	100-140
FT1772	Fan guide o-ring.....	CW & HW	199	FT1922	Control bracket.....	CW	140
FT1775	Air/gas mixer body.....	CW & HW	100&199	FT2004	Control sub-bracket.....	CW	140
FT2022	Air/gas mixer venturi.....	CW & HW	140	FT2033	Control sub-bracket.....	CW & HW	199
FT1917	Air/gas mixer venturi.....	CW & HW	199	FT2005	Display control.....	CW	ALL
FT1774	Air/gas mixer O-ring.....	CW & HW	100&199	FT2050	Display control.....	HW	ALL
FT1929	Air Intake hose.....	CW & HW	140	FT2004	Display panel bracket.....	HW	100-140
FT1846	Air Intake hose.....	HW	199	ST1006	Ignition transformer.....	CW	140
FT1812	Air Intake hose.....	CW	199	ST1006	Ignition transformer.....	HW	100-140
FT2102	Air intake hose assembly.....	HW	140	FT2031	Ignition transformer.....	CW & HW	199
FT2122	Air intake hose assembly.....	CW	140	FT2032	Ignition transformer bracket.....	CW & HW	199
FT1548	Air vent adaptor.....	HW	ALL	FT2016	Ignition rod.....	CW & HW	100-140
FT2002	Intake duct assembly.....	CW & HW	ALL	FT2128	Ignition rod assembly.....	HW	199
FT2019	Damper body assembly.....	CW & HW	100-140	FT2017	Ignitor ceramic paper.....	CW & HW	ALL
FT2044	Damper body assembly.....	CW & HW	199	FT1316	Ignitor gasket.....	CW & HW	ALL
FT1771	Intake / exhaust sealing pad.....	CW & HW	ALL	FT1327	Flame detector sensor.....	CW & HW	ALL
FT2094	Exhaust pipe.....	CW & HW	100-140	FT2096	Flame detector sensor assy.....	HW	100-140
FT2000	Exhaust vent duct assembly.....	CW & HW	ALL	FT2129	Flame detector sensor assy.....	HW	199
FT1784	Exhaust pipe adaptor.....	CW & HW	ALL	FT2120	Flame detector sensor assy.....	CW	140
FT2012	Exhaust pipe packing (lower).....	CW & HW	100-140	FT2085	Flame detector sensor assy.....	CW	199
FT2036	Exhaust pipe packing (lower).....	CW & HW	199	FT1669	Flame detector sensor bracket.....	CW & HW	ALL
FT1416	Gas valve.....	CW & HW	ALL	FT1069	Flame detector sensor cover.....	CW & HW	ALL
FT1413	Gas valve assembly.....	CW & HW	100-140	FT1020	Power switch.....	CW & HW	ALL
FT1950	Gas valve assembly.....	CW & HW	199	FT1324	Temperature sensor.....	CW & HW	ALL
FT1415	Gas valve o-ring.....	CW & HW	ALL	FT1635	CH return sensor.....	HW	ALL
FT1539	Gas valve bracket.....	HW	100-140	FT1219	CH return sensor.....	CW	ALL
FT1779	Gas valve bracket.....	HW	199	FT1112	Outlet sensor.....	CW	ALL
FT1893	Gas inlet adaptor.....	HW	100-140	FT1501	Outdoor sensor.....	CW & HW	ALL
FT1780	Gas orifice, natural.....	CW & HW	199	FT1804	Air pressure sensor.....	CW & HW	ALL
FT1802	Gas orifice, propane.....	CW & HW	199	FT1022	Condensate pressure sw.....	CW & HW	ALL
FT2064	Gas conversion kit.....	HW	100-140	FT1307	Exhaust overheat sensor.....	CW & HW	ALL
FT2068	Gas conversion kit.....	HW	199	FT1606	Exhaust testing cap.....	CW & HW	ALL
FT2091	Gas conversion kit.....	CW & HW	ALL	FT1325	Low level sensor.....	CW & HW	ALL
FT1086	Gas pipe, down.....	HW	100-140	FT1310	Overheat sensor.....	CW & HW	ALL
FT1419	Gas pipe, down.....	CW	140	FT1115	Flow sensor.....	CW	ALL
FT1811	Gas pipe, down.....	CW	199	FT2115	Flow sensor assembly.....	CW	140
FT2104	Gas pipe, down assembly.....	HW	100-140	FT1208	Flow sensor clip.....	CW	ALL
FT2124	Gas pipe, down assembly.....	CW	140	FT1827	Terminal block (6P).....	CW & HW	ALL
FT2029	Gas pipe, upper.....	CW	140	FT1618	Terminal block (12P).....	HW	ALL
FT1810	Gas pipe, upper.....	CW	199	FT1905	Wire Harness.....	HW	100-140
FT2103	Gas pipe, upper assembly.....	HW	140	FT1906	Wire Harness.....	HW	199

FT Series Wall Hung (Cont.)

Part No.	Description	Model	Size	Part No.	Description	Model	Size
FT1903	Wire Harness.....	CW	140	FT1200	DHW hydro block assembly.....	CW	140
FT1904	Wire Harness.....	CW	199	FT1938	DHW hydro block assembly.....	CW	199
FT1861	Cable, communication, cascade.....	CW & HW	ALL	FT1522	DHW inlet block.....	CW	140
FT1868	Sensor, system, cascade.....	CW & HW	ALL	FT2116	DHW inlet block assembly.....	CW	140
WATERWAY / HEAT EXCHANGER COMPONENTS				FT1114	DHW inlet pipe.....	CW	140
FT2067	Heat exchanger assembly.....	HW	199	FT1806	DHW inlet pipe.....	CW	199
FT2013	Heat exchanger assembly.....	CW	140	FT2113	DHW inlet pipe assembly.....	CW	140
FT3357	Heat exchanger assembly.....	CW	199	FT1518	DHW outer block.....	CW	ALL
FT2099	Pump assembly.....	HW	100-140	FT2112	DHW outer block assembly.....	CW	140
FT2132	Pump assembly.....	HW	199	FT1109	DHW outlet pipe.....	CW	140
FT2110	Pump assembly.....	CW	140	FT1805	DHW outlet pipe.....	CW	199
FT2073	Pump assembly.....	CW	199	FT2111	DHW outlet pipe assembly.....	CW	140
FT1672	Pump.....	HW	100-140	FT1220	3-way valve.....	CW	ALL
FT1767	Pump.....	HW	199	FT2108	3-way valve assembly.....	CW	140
FT1222	Pump.....	CW	140	FT2071	3-way valve assembly.....	CW	199
FT1798	Pump.....	CW	199	FT1116	Mixing valve.....	CW	ALL
FT1108	Pump clip.....	CW	ALL	FT2114	Mixing valve assembly.....	CW	140
FT1058	Pressure gauge.....	HW	ALL	FT1111	DHW nipple.....	CW	ALL
FT1025	Pressure gauge.....	CW	ALL	FT1122	DHW connector.....	CW	ALL
FT2010	Pressure gauge bracket.....	CW & HW	100-140	FT1549	DHW filter body.....	CW	ALL
FT2065	Pressure gauge bracket.....	CW & HW	199	FT1121	DHW filter cap.....	CW	ALL
FT1500	Pressure relief valve.....	CW & HW	ALL	FT1120	DHW filter mesh.....	CW	ALL
FT1100	CH Hydro block Ass'y.....	CW	140	FT1321	Air vent.....	CW & HW	ALL
FT1937	CH hydro block assembly.....	CW	199	FT1528	Stainless band (150).....	CW	140
FT1218	CH return pipe.....	CW	140	FT1813	Stainless band (165).....	CW	199
FT1807	CH Return pipe.....	CW	199	FT1107	Piping clip.....	CW	ALL
FT1523	Return block.....	CW	ALL	FT1524	R-clip.....	CW	ALL
FT2106	Return block assembly.....	CW	140	JACKET & MISC. COMPONENTS			
FT2069	Return block assembly.....	CW	199	FT2066	Jacket assembly.....	HW	199
FT2107	Return pipe assembly.....	CW	140	FT2008	Front cover.....	CW & HW	100-140
FT2070	Return pipe assembly.....	CW	199	FT2034	Front cover.....	CW & HW	199
FT1071	CH return pipe-1.....	HW	100	FT2009	Display panel cover.....	CW & HW	ALL
FT1071	CH return pipe-1.....	HW	140-199	FT1936	Wall bracket (bottom).....	CW & HW	199
FT2100	CH return pipe-1 assembly.....	HW	100	FT1924	Wall bracket (top).....	CW & HW	199
FT2100	CH return pipe-1 assembly.....	HW	140	FT1894	Wall hung bracket.....	CW & HW	ALL
FT2133	CH return pipe-1 assembly.....	HW	199	FT1530	DHW tank bracket.....	CW	140
FT1072	CH return pipe-2.....	HW	100-140	FT1793	DHW tank bracket.....	CW	199
FT1768	CH return pipe-2.....	HW	199	FT1939	Air vent rubber pad.....	HW	ALL
FT2098	CH return pipe-2 assembly.....	HW	100	FT1013	Air vent rubber packing.....	CW	ALL
FT2098	CH return pipe-2 assembly.....	HW	140	FT1795	Bracket.....	CW	199
FT2131	CH return pipe-2 assembly.....	HW	199	FT1797	Gasket bracket.....	CW	ALL
FT1853	CH supply pipe.....	HW	100	FT2006	Bracket.....	HW	100-140
FT1070	CH supply pipe.....	HW	140	FT1217	U-Clip.....	CW	ALL
FT1765	CH supply pipe.....	HW	199	FT1604	Packing.....	CW & HW	ALL
FT1527	CH supply pipe.....	CW	140	FT1691	1" Packing.....	CW & HW	ALL
FT1808	CH supply pipe.....	CW	199	FT1645	1/2" Packing.....	CW & HW	ALL
FT2097	CH supply pipe assembly.....	HW	140	FT1710	1/2" Spiral packing.....	CW & HW	ALL
FT2130	CH supply pipe assembly.....	HW	199	FT1646	3/4" packing.....	CW & HW	ALL
FT2109	CH supply pipe assembly.....	CW	140	FT1060	3/8" Packing.....	HW	ALL
FT2072	CH supply pipe assembly.....	CW	199	FT1604	Packing.....	CW & HW	ALL
FT1322	CH supply upper pipe.....	CW	140	FT1601	O-Ring P7.....	CW & HW	ALL
FT1809	CH supply upper pipe.....	CW	199	FT1685	O-Ring P15.....	CW	ALL
FT2119	CH supply upper pipe assembly.....	CW	140	FT1643	O-Ring P16.....	CW	ALL
FT2084	CH supply upper pipe assembly.....	CW	199	FT1687	O-Ring P18.....	CW	ALL
FT1215	CH return, supply connector.....	CW	ALL	FT1513	O-Ring P20.....	CW	ALL
FT1216	CH filter.....	CW	ALL	FT1644	O-Ring P22.....	CW & HW	ALL
FT2117	DHW filter body assembly.....	CW	140	FT1515	O-Ring P22A.....	CW	ALL
FT1119	Flow restrictor.....	CW	140	FT1516	O-Ring P25.....	CW	ALL
FT1506	Flow restrictor (5L).....	CW	140	FT1609	O-Ring P75.....	CW & HW	ALL
FT1822	Flow restrictor.....	CW	199	A2123605	Neutralizer media, 2.5 lb.....	CW & HW	ALL
FT1323	DHW tank.....	CW	140	A2123606	Neutralizer media, 40 lb.....	CW & HW	ALL
FT1794	DHW tank.....	CW	199	Q2016900	Neutralizer media, sold by the lb....	CW & HW	ALL

FT Series Floor-Standing

Models LFTCF and LFTHF

Part No.	Description	Model	Part No.	Description	Model
FT3121	Spare Parts Kit.....	CF	FT3089	M5*10 Flange bolt + M/S.....	both
FT3165	Spare Parts Kit.....	HF	FT3062	3/8" Packing.....	CF
GAS / AIR COMPONENTS			FT3092	M4*9 PH+P/W+TAP (Type2).....	both
FT2039	Burner.....	both	FT3096	M3 X 6 Wrench bolt M/S.....	both
FT3094	Burner Assembly.....	both	FT3097	4*14 Flange bolt + m/s.....	both
FT1824	Burner Gasket.....	both	FT3102	M5*16 TH+ M/S.....	CF
FT2041	Burner Downside Case	both	FT3107	Stainless Band 1 (Ø90).....	both
FT1760	Burner Upper Case.....	both	FT3115	M5*12 Flange bolt + m/s.....	CF
FT3104	Fan.....	both	FT3116	M5*14 Flange bolt + m/s.....	CF
FT3128	Fan Assembly.....	both	ELECTRICAL / CONTROL COMPONENTS		
ST1038	Fan Sealing O-ring.....	both	R2080609	Control.....	CF
FT2043	Fan Guide.....	both	R2080607	Control.....	HF
FT2087	Fan Guide Assembly.....	both	FT3033	PCB Control Bracket.....	both
FT1772	Fan Guide Packing.....	both	FT3022	Display Control.....	CF
FT2020	Fan Rubber Packing #2.....	both	FT3129	Display Control.....	HF
FT1416	Gas Valve.....	both	FT3021	Control Sub Bracket.....	CF
FT3108	Gas Valve Assembly.....	both	FT3137	Control Sub Bracket.....	HF
FT3109	Gas Valve Bracket.....	both	FT3024	Transformer (24V).....	both
FT1415	Gas Valve O-ring.....	both	FT3023	Transformer Bracket.....	both
FT1919	Gas Valve Outlet Adaptor.....	both	FT2031	Ignition Transformer.....	both
FT2044	Damper Body Assembly.....	both	FT3019	Ignition Transformer Bracket.....	both
FT1917	Air/gas Mixer Venturi.....	both	FT3127	Ignition Rod Ass'y.....	both
FT1775	Air/gas Mixer Body.....	both	FT2085	Flame Detector Sensor Ass'y.....	both
FT1774	Air/gas Mixer O-ring.....	both	FT1327	Flame Detector Sensor.....	both
FT3106	Air Intake Hose.....	both	FT1669	Flame Detector Sensor Bracket.....	both
FT3105	Air Intake Hose Assembly.....	both	FT1069	Flame Detector Sensor Cover.....	both
FT3167	Gas Valve Inlet Adaptor.....	CF	FT1020	Power Switch.....	both
FT1538	Gas Valve Inlet Adaptor.....	HF	FT1804	Air Pressure Sensor.....	both
FT3110	Gas Inlet Adaptor.....	both	FT3020	Air Pressure Sensor Bracket.....	CF
FT3111	Gas Inlet Pipe 1 Ass'y.....	both	FT3136	Air Pressure Sensor Bracket.....	HF
FT3112	Gas Inlet Pipe 1.....	both	FT1324	Overheat Sensor.....	both
FT3113	Gas Inlet Pipe 2 Ass'y.....	both	FT1310	Overheat Sensor.....	both
FT3114	Gas Inlet Pipe 2.....	both	FT1635	CH Return Sensor.....	both
FT1780	Gas orifice, natural.....	both	FT1638	DHW Outlet Sensor.....	CF
FT1802	Gas orifice, propane.....	both	FT1868	DHW Sensor.....	both
FT3123	Conversion Kit.....	both	FT1501	Outdoor Temperature Sensor.....	both
FT3095	Refractory.....	both	FT1208	Sensor Clip.....	CF
FT3090	Exhaust Duct Ass'y.....	both	FT1022	Condensate Pressure Switch.....	both
FT3091	Exhaust Duct.....	both	FT3076	Flow Sensor Ass'y.....	CF
FT2036	Exhaust Duct Packing (Lower).....	both	FT1115	Flow Sensor.....	CF
FT3099	Condensate trap assembly.....	both	FT1307	Exhaust Overheat Sensor.....	both
FT3098	Condensate Trap Sub Ass'y.....	both	FT1325	Low Level Sensor.....	both
FT3100	Condensate Trap Bracket 1.....	CF	FT1827	Terminal Block (6P).....	CF
FT3160	Condensate Trap Bracket 1.....	HF	FT2007	Terminal Block (8P).....	both
FT3027	Condensate Trap Bracket 2.....	CF	FT3026	Terminal Block (10P).....	CF
FT3139	Condensate Trap Bracket 2.....	HF	FT3163	Terminal Block (12P).....	HF
FT3101	Condensate Trap Cap.....	both	FT3028	Concentric Plug (110V).....	both
ST1070	Condensate Hose.....	both	FT3029	Concentric Plug Bracket (110V).....	both
FT1730	Bird Screen (Vent & Air Cap).....	both	FT3124	Wire Harness.....	CF
FT1710	1/2" Spiral packing.....	both	FT3166	Wire Harness.....	HF
FT1076	M4*12 PH M/S.....	both	WATERWAY / HEAT EXCHANGER COMPONENTS		
FT1520	M4*8 TH M/S.....	both	FT3093	Heat Exchanger Assembly.....	both
FT1777	Stainless Band 2 (Ø89).....	both	FT3049	Boiler Pump Assembly.....	both
FT1813	Stainless Band 2 (Ø165).....	HF	FT3050	Boiler Pump.....	both
FT1645	1/2" Packing.....	CF	FT3051	Pump Bottom Pipe Ass'y.....	CF
FT1918	Nylon Barb Y Fitting.....	both	FT3143	Pump Bottom Pipe Ass'y.....	HF
FT3014	M4*14 Flange bolt (Type2).....	both	FT3052	Pump Bottom Pipe.....	CF
FT3043	M4*14 TH (Type2).....	CF			

FT Series Floor Standing (Cont.)

Part No.	Description	Model	Part No.	Description	Model
FT3144	Pump Bottom Pipe.....	HF	FT1687	O-Ring P18.....	CF
FT3054	CH Return Connection.....	CF	FT1513	O-Ring P20.....	CF
FT3059	CH Return Connection.....	both	FT3056	O-Ring P24.....	both
FT3053	CH Return Connection Ass'y.....	CF	FT3055	Short brass fitting.....	both
FT3058	CH Return Pipe.....	CF	FT1691	1" Packing.....	both
FT3057	CH Return Pipe Ass'y.....	both	FT1646	3/4" Packing.....	CF
FT3145	CH Return 3 Way Adaptor Assy.....	HF	FT3062	3/8" Packing.....	both
FT3146	CH Return 3 Way Adaptor.....	HF	FT3061	3way Connection.....	both
FT3157	CH Return Bottom Pipe 1.....	HF	FT3060	3way Connection Ass'y.....	both
FT3156	CH Return Bottom Pipe 1 Assy.....	HF	FT3085	Adapter Clip.....	CF
FT3159	CH Return Bottom Pipe 2.....	HF	FT3068	Adapter Connection.....	both
FT3158	CH Return Bottom Pipe 2 Assy.....	HF	FT3067	Adapter Pipe.....	both
FT3151	CH Return Top Pipe.....	HF	FT3066	Adapter Pipe Ass'y.....	both
FT3150	CH Return Top Pipe Assy.....	HF			
FT3148	Ball Valve, 1".....	HF		JACKET COMPONENTS	
FT3147	Ball Valve, 1", Assembly 1.....	HF	FT3038	Jacket Assembly.....	CF
FT3152	Ball Valve, 1", Assembly 2.....	HF	FT3172	Jacket Assembly.....	HF
FT3153	Brass fitting, 1".....	HF	FT3035	Front Cover.....	CF
FT3149	Ball Valve Adaptor.....	HF	FT3171	Front Cover.....	HF
FT3065	CH Supply Connection.....	both	FT3039	Access Cover.....	both
FT3064	CH Supply Pipe.....	both	FT3015	Vent Pipe Collar Ass'y.....	both
FT3063	CH Supply Pipe Ass'y.....	both	FT3016	Vent Pipe Collar.....	both
FT1506	Flow Restrictor.....	CF	FT3010	Air Intake Collar Ass'y (filter type).....	both
V2033100	Mixing Valve.....	CF	FT3011	Air Intake Collar.....	both
FT3087	DHW Filter Body.....	CF	FT3012	Air Filter.....	both
FT3086	DHW Filter Body Ass'y.....	CF	FT3013	Air Filter Packing.....	both
FT1121	DHW filter cap.....	CF	FT1606	Exhaust Testing Cap.....	both
FT1120	DHW filter mesh.....	CF	FT3032	Bracket.....	both
FT3088	DHW Inlet Connection.....	CF	FT3030	Heat Exchanger Sub Bracket.....	both
FT3082	DHW Inlet Pipe.....	CF	FT3031	PCB Control Sub Bracket.....	both
FT3081	DHW Inlet Pipe Ass'y.....	CF	FT3017	Pressure Gauge Bracket.....	CF
FT3075	DHW Inlet Pipe2.....	CF	FT3176	Pressure Gauge Bracket.....	HF
FT3074	DHW Inlet Pipe2 Ass'y.....	CF	FT3037	Tank bracket.....	both
FT3073	DHW Outlet Connection.....	CF	FT3025	Terminal Block Bracket.....	CF
FT3072	DHW Outlet Pipe.....	CF	FT3138	Terminal Block Bracket.....	HF
FT3071	DHW Outlet Pipe Ass'y.....	CF	FT1603	Stainless Band (Ø100).....	both
FT3046	DHW Water Tank Ass'y.....	CF	FT3018	Cover Bolt Cap.....	both
FT3164	DHW Water Tank Ass'y.....	HF	FT3122	Leveling Legs.....	both
FT1822	Flow Restrictor.....	CF	FT1544	M4*10 FH (Type3).....	CF
FT1500	Pressure Relief Valve.....	both	FT1719	M4*10 TH (Type3).....	both
FT1058	Pressure gauge.....	both	FT1064	M4*10 TH +M/S.....	CF
FT3117	Air Vent.....	both	FT3040	M4*12 BH (Type3).....	CF
FT3118	Brass Adaptor.....	both	FT3042	M4*12 Flange bolt (Type3).....	CF
FT3119	3/4" Brass Plug.....	both	FT3014	M4*14 Flange bolt (Type2).....	CF
FT3084	Inlet Pipe Adapter.....	CF	FT3043	M4*14 TH+ (Type2).....	CF
FT3083	Inlet Pipe Adapter Ass'y.....	CF	FT3044	M4*16 TH+ (Type3).....	CF
FT3070	Internal Circulation Pipe 1.....	both	FT3041	M4*8 Flange bolt + M/S.....	CF
FT3069	Internal Circulation Pipe 1 Ass'y.....	both	FT3045	M5*12 TH+P/W M/S.....	CF
FT3048	Internal Circulation Pipe 2.....	both	FT1604	Packing.....	both
FT3047	Internal Circulation Pipe 2 Ass'y.....	both	FT1646	3/4" packing.....	CF
FT3077	Recirculation Connection.....	CF	FT1691	1" Packing.....	both
FT3120	Recirculation Brass Plug.....	CF	FT1601	O-Ring P7.....	both
FT1107	Piping Clip 1.....	both	FT1643	O-Ring P16.....	CF
FT1108	Piping Clip 2.....	both	FT1687	O-Ring P18.....	CF
FT1708	Ball Valve.....	both	FT1513	O-Ring P20.....	CF
FT3078	Check Valve.....	CF	FT1609	O-Ring P75.....	both
FT3080	Elbow Connection.....	CF			
FT3079	Elbow Connection Ass'y.....	CF			
FT3089	M5*10 Flange bolt + M/S.....	CF			
FT1643	O-Ring P16.....	CF			

LT Series

Models LT199NXX1, LT199PXX1, LT199NRX1, LT199PRX1

Part No	Description	Model	Part No	Description	Model
SERVICE KITS			ST1006	Ignition Transformer.....	Both
ST1241	O-Ring & Gasket Kit.....	Standard	ST1096	Flame Detector Sensor Ass'y.....	Both
ST1240	O-Ring & Gasket Kit.....	Recirc	FT1327	Flame Detector Sensor.....	Both
O-Ring and Gasket Kits Contain:			ST1187	Flame Detector Sensor Bracket (pkg of 10).....	Both
(2) ignition rod gaskets, (2) sight glass gaskets			ST1144	Air Pressure Switch.....	Both
(2) gas mixer packing, (2) 15A packing, black			ST1229	Cold Water Temperature Sensor Assembly.....	Both
(2) 15A packing, green, (4) o-ring P15			ST1228	DHW Temperature Sensor Assembly.....	Both
(4) o-ring P16, (6) o-ring P18, (4) o-ring P20			ST1234	Burner High Limit Switch Assembly.....	Both
(1) instruction specific to model			ST1056	Ceramic Heater.....	Standard
ST1221	Spare Part Tool Box.....	Both	ST1164	Ceramic Heater Bracket (package of 10).....	Standard
Contains:			ST1019	Main Power Switch.....	Both
(1) air intake filter, (1) ignition transformer			ST1230	Hot Water Temperature Sensor Assembly.....	Both
(1) display (standard model), (1) display (recirc model)			ST1233	Recirculation Flow Sensor Assembly.....	Recirc
(1) printed circuit board, (1) air pressure switch			FT1861	Cascade Cable.....	Both
(2) dhw temperature sensors			ST1143	On-Demand Terminal Block.....	Both
(2) cold water temperature sensors			ST1139	Printed Circuit Board.....	Both
(2) hot water temperature sensors			ST1189	Wiring Through Way Packing (pkg of 10).....	Both
(1) recirculation flow sensor,			WATERWAY / HEAT EXCHANGER COMPONENTS		
(1) ignition rod assembly, (2) flame detector sensor			ST1202	Heat Exchanger Assembly.....	Standard
(1) blower assembly, (1) gas valve assembly			ST1118	Heat Exchanger Assembly.....	Recirc
(2) recirculation return filters, (1) water mixing valve			ST1254	Heat Exchanger Connection Pipe Assembly.....	Both
(1) flow control valve assembly, (2) check valves			ST1110	Circulation Pump Assembly.....	Recirc
(1) circulation pump assembly			ST1105	Flow Control Valve Assembly.....	Both
(10) small star clips, (1) large star clips			ST1100	DHW Supply Pipe Assembly.....	Both
(100) M4x12 TH T/S screws			ST1103	Check valve Return Connection Assembly.....	Recirc
GAS / AIR COMPONENTS			ST1101	Condensate Trap Assembly.....	Both
ST1119	Burner Assembly.....	Both	ST1106	Hot Water Outlet Block Assembly.....	Both
ST1199	Burner Gasket.....	Both	ST1246	Packing 25A (package of 10).....	Recirc
ST1197	Burner Packing.....	Both	ST1109	Pump Block Assembly.....	Recirc
ST1191	Burner Head Packing.....	Both	ST1102	Recirculation Return Unit Assembly.....	Recirc
ST1120	Blower Assembly.....	Both	ST1125	Hot Water Outlet Pipe Assembly 1.....	Standard
ST1122	Gas Valve Assembly.....	Both	ST1107	Hot Water Outlet Pipe Assembly 1.....	Recirc
ST1007	Gas Inlet Nipple.....	Both	ST1128	Hot Water Outlet Pipe Assembly 2.....	Standard
ST1188	Gas Mixer Packing (package of 10).....	Both	ST1111	Hot Water Outlet Pipe Assembly 2.....	Recirc
ST1203	AGM Assembly Natural.....	Both	ST1126	Hot Water Outlet Block Assembly.....	Standard
ST1206	AGM Assembly Propane.....	Both	ST1127	T-Block Assembly.....	Standard
ST1205	AGM Cover Assembly.....	Both	ST1129	Mixing Pipe Assembly.....	Standard
ST1227	Air Intake Filter Assembly.....	Both	ST1124	Mixing Pipe Assembly.....	Recirc
ST1190	Exhaust and Intake Packing (package of 10).....	Both	ST1112	Mixing Block Assembly.....	Recirc
ST1248	Exhaust Packing (package of 5).....	Both	ST1108	Water Chamber Block Assembly.....	Recirc
ST1134	Exhaust Pipe Upper.....	Both	ST1094	Water Chamber Assembly.....	Recirc
ST1224	Exhaust Vent Duct Assembly.....	Both	ST1113	Pump Outlet Pipe Assembly.....	Recirc
ST1225	Exhaust Sample Cap (package of 10).....	Both	ST1114	Recirculation Block Assembly.....	Recirc
FT1645	15A Packing, Black.....	Both	ST1116	Recirculation Pipe Assembly.....	Recirc
ST1247	15A Packing, Green (package of 10).....	Both	ST1130	Cold Water Inlet Block Assembly.....	Standard
ST1095	Flame Observation Assembly.....	Both	ST1131	Cold Water Inlet Pipe Assembly.....	Standard
ST1226	Intake Inlet Duct Assembly.....	Both	ST1115	Cold Water Inlet Pipe Assembly.....	Recirc
ST1236	Silencer Body Assembly.....	Both	ST1117	Cold Water Inlet Block Assembly.....	Recirc
ST1235	Silencer Elbow Assembly.....	Both	ST1024	Water Inlet Filter.....	Both
ST1121	Gas Pipe Upper Assembly.....	Both	ST1104	Water Inlet Pipe Assembly.....	Both
ST1132	Gas Pipe Lower Assembly.....	Both	ST1146	Water Leak Detector.....	Both
ELECTRICAL / CONTROL COMPONENTS			ST1232	Water Mixing Valve Assembly.....	Both
ST1140	Control Display PR-922C.....	Standard	ST1218	Block Packing (package of 10).....	Both
ST1141	Control Display PR-952C.....	Recirc			
ST1008	Overheat Switch 150°C with Bracket.....	Standard			
ST1231	Overheat Switch 95°C Assembly.....	Both			
ST1204	Ignition Rod Assembly.....	Both			
ST1198	Ignition Rod Gasket.....	Both			

LT Series (Cont.)

Part No.	Description	Model	Part No.	Description	Model
JACKET AND BRACKET COMPONENTS					
ST1099	Front Cover Assembly.....	Both			
ST1163	PCB Bracket.....	Both			
ST1093	Bracket for Control Display.....	Both			
ST1168	PPS Bracket 1.....	Standard			
ST1169	PPS Bracket 2.....	Standard			
ST1167	Overheat Switch Bracket.....	Both			
ST1136	Burner Head Bracket.....	Both			
ST1165	Flame Detector Sensor Cover.....	Both			
ST1137	Burner Bracket, Left.....	Both			
ST1138	Burner Bracket, Right.....	Both			
HARDWARE & MISCELLANEOUS					
ST1192	O-Ring P10A (package of 10).....	Both			
ST1193	O-Ring P15 (package of 10).....	Both			
ST1194	O-Ring P16 (package of 10).....	Both			
ST1195	O-Ring P18 (package of 10).....	Both			
ST1196	O-Ring P20 (package of 10).....	Recirc			
ST1245	O-Ring P22 (package of 10).....	Both			
ST1242	O-Ring P7 (package of 10).....	Both			
ST1244	O-Ring P75 (package of 10).....	Both			
ST1166	Star CLIP Large (package of 10).....	Both			
ST1054	Star CLIP Small (package of 10).....	Both			

Mascot FT

Models MFTCW and MFTHW - Revision 1

Part No.	Description	Model	Size	Part No.	Description	Model	Size
GAS / AIR COMPONENTS				ELECTRICAL / CONTROL COMPONENTS			
FT1314	Burner.....	CW & HW	80-140	FT1329	Condensate hose trap.....	CW & HW	ALL
FT2039	Burner.....	CW & HW	199	FT1073	Condensate trap assembly.....	CW & HW	80-140
FT2014	Burner ass'y.....	CW & HW	80-140	FT1783	Condensate trap assembly.....	CW & HW	199
FT1796	Burner ass'y.....	CW	199	ELECTRICAL / CONTROL COMPONENTS			
FT1759	Burner ass'y.....	HW	199	R2080602	Control.....	HW	ALL
FT1824	Burner gasket.....	CW & HW	199	R2080601	Control SN F1800308 & before.....	CW	140
FT1764	Burner downside case	CW & HW	199	R2080604	Control SN F1800309 & after.....	CW	140-199
FT1661	Burner case sealing O-ring.....	HW	120-140	FT1050	Control sub-bracket	HW	80-140
FT1406	Fan.....	CW & HW	ALL	FT2005	Display panel.....	CW	ALL
FT1862	Fan assembly.....	HW	80	FT2050	Display panel.....	HW	ALL
FT1863	Fan assembly.....	HW	100	ST1006	Ignition transformer.....	CW & HW	ALL
FT1864	Fan assembly.....	HW	120	FT1315	Ignitor.....	CW & HW	80-140
FT1407	Fan assembly.....	CW & HW	140	FT1763	Ignitor.....	CW & HW	199
FT1916	Fan assembly.....	CW & HW	199	FT1316	Ignitor gasket.....	CW & HW	ALL
ST1038	Fan sealing o-ring.....	CW & HW	ALL	FT1327	Flame detector sensor.....	CW & HW	ALL
FT1721	Fan outlet gasket.....	CW	140	FT1669	Flame detector sensor bracket.....	CW & HW	ALL
FT1082	Fan outlet gasket.....	CW & HW	199	FT1069	Flame detector sensor cover.....	CW & HW	ALL
FT1772	Fan guide o-ring.....	CW & HW	199	FT1020	Power switch.....	CW & HW	ALL
FT1416	Gas valve.....	CW & HW	ALL	FT1324	Temperature sensor.....	CW & HW	ALL
FT1413	Gas valve assembly.....	CW & HW	80-140	FT1635	CH return sensor.....	HW	ALL
FT1950	Gas valve assembly.....	CW	199	FT1219	CH return sensor.....	CW	ALL
FT1409	Gas mixer housing.....	CW & HW	80-140	FT1112	Outlet sensor.....	CW	ALL
FT1773	Air/gas mixer venturi.....	CW & HW	199	FT1501	Outdoor sensor.....	CW & HW	ALL
FT1775	Air/gas mixer body.....	CW & HW	199	FT1804	Air pressure sensor.....	CW & HW	ALL
FT1774	Air/gas mixer O-ring.....	CW & HW	199	(MFTCW140 after s/n F1800309)			
FT1865	Air Intake orifice.....	HW	80	FT1015	Air pressure sensor.....	CW	140
FT1866	Air Intake orifice.....	HW	100	(s/n F1500364 & before)			
FT1867	Air Intake orifice.....	HW	120	FT1022	Condensate pressure sw.....	CW & HW	ALL
FT1535	Air Intake orifice.....	CW & HW	140	FT1307	Exhaust overheat sensor.....	CW & HW	ALL
FT1821	Air Intake orifice.....	CW & HW	199	FT1529	Exhaust sensor bracket.....	CW & HW	ALL
FT1854	Gas orifice, natural.....	HW	80	FT1325	Low level sensor.....	CW & HW	ALL
FT1855	Gas orifice, natural.....	HW	100	FT1310	Overheat sensor.....	CW & HW	ALL
FT1856	Gas orifice, natural.....	HW	120	FT1115	Flow sensor.....	CW	ALL
FT1412N	Gas orifice, natural.....	CW & HW	140	FT1208	Flow sensor clip.....	CW	ALL
FT1780	Gas orifice, natural.....	CW & HW	199	FT1021	Terminal block (10P).....	CW	140
FT1946	Gas orifice, propane.....	HW	80	FT1618	Terminal block (12P).....	HW	ALL
FT1947	Gas orifice, propane.....	HW	100	FT1827	Terminal block (6P).....	HW	ALL
FT1948	Gas orifice, propane.....	HW	120	FT1905	Wire Harness.....	HW	80-140
FT1412P	Gas orifice, propane.....	CW & HW	140	FT1906	Wire Harness.....	HW	199
FT1802	Gas orifice, propane.....	CW & HW	199	FT1903	Wire Harness.....	CW	140
FT1010	Intake duct assembly.....	CW & HW	80-140	FT1904	Wire Harness.....	CW	199
FT1812	Air intake hose.....	CW	199	FT1861	Cable, communication, cascade.....	CW & HW	ALL
FT1846	Air intake hose.....	HW	199	FT1868	Sensor, system, cascade.....	CW & HW	ALL
FT2011	Exhaust pipe.....	CW & HW	80-140	WATERWAY / HEAT EXCHANGER COMPONENTS			
FT1823	Exhaust pipe.....	CW & HW	199	FT1852	Heat exchanger assembly.....	HW	80-100
FT1002	Exhaust vent duct assembly.....	CW & HW	ALL	FT3354	Heat exchanger assembly.....	HW	120-140
FT1784	Exhaust pipe adaptor.....	CW & HW	ALL	FT1758	Heat exchanger assembly.....	HW	199
FT1836	Exhaust pipe packing (lower).....	CW & HW	199	FT1313	Heat exchanger assembly.....	CW	140
FT1915	Damper body.....	CW & HW	ALL	FT3357	Heat exchanger assembly.....	CW	199
FT1770	Damper packing.....	CW & HW	199	FT1672	Pump.....	HW	80-140
FT1419	Gas pipe, down.....	CW	140	FT1767	Pump.....	HW	199
FT1860	Gas pipe, upper.....	HW	80-100	FT1222	Pump.....	CW	140
FT1538	Gas valve inlet adaptor.....	CW & HW	ALL	FT1798	Pump.....	CW	199
FT1415	Gas valve o-ring.....	CW & HW	ALL	FT1108	Pump clip.....	CW	ALL
FT1919	Gas valve outlet adaptor.....	CW & HW	ALL	FT1025	Pressure gauge.....	CW	ALL
FT1710	Gasket, gas pipe.....	CW & HW	ALL	FT1058	Pressure gauge.....	HW	ALL
FT1665	Refractory.....	CW & HW	80-140	FT1500	Pressure relief valve.....	CW & HW	ALL
FT1826	Refractory.....	CW & HW	199	FT1323	DHW tank.....	CW	140
FT1730	Bird screen 3".....	CW	140	FT1794	DHW tank.....	CW	199
ST1070	Condensate hose.....	CW & HW	ALL	FT1122	DHW connector.....	CW	ALL

Mascot FT Models MFTCW and MFTHW (Cont.)

Part No.	Description	Model	Size	Part No.	Description	Model	Size
FT1549	DHW filter body.....	CW	ALL	FT1876	Front cover.....	CW	140
FT1121	DHW filter cap.....	CW	ALL	FT1054	Front cover.....	HW	80-140
FT1120	DHW filter mesh.....	CW	ALL	FT1949	Front cover.....	HW	199
FT1200	DHW hydro block assembly.....	CW	140	FT1057	Wall bracket (bottom).....	CW & HW	199
FT1114	DHW inlet pipe.....	CW	140	FT1055	Wall bracket (top).....	CW & HW	199
FT1111	DHW nipple.....	CW	ALL	FT1894	Wall hung bracket.....	CW & HW	ALL
FT1518	DHW outer block.....	CW	ALL	FT1217	U-Clip.....	CW	ALL
FT1109	DHW outlet pipe.....	CW	140	FT1051	Bracket.....	HW	80-140
FT1523	Return block.....	CW	ALL	FT1720	Mesh.....	CW & HW	80-140
FT1100	CH Hydro block Ass'y.....	CW	140	FT2030	Spare gaskets kit.....	CW	ALL
FT1853	CH outlet pipe.....	HW	80-100	FT1604	Packing.....	CW & HW	ALL
FT1218	CH return pipe.....	CW	140	FT1691	1" Packing.....	CW & HW	ALL
FT1072	CH return pipe-2.....	HW	80-140	FT1645	1/2" Packing.....	CW & HW	ALL
FT1215	CH return, supply connector.....	CW	ALL	FT1710	1/2" Spiral packing.....	CW & HW	ALL
FT1322	CH supply upper pipe.....	CW	140	FT1646	3/4" packing.....	CW & HW	ALL
FT1809	CH supply upper pipe.....	CW	199	FT1060	3/8" Packing.....	HW	ALL
FT1216	CH filter.....	CW	ALL	FT1685	O-Ring P15.....	CW	ALL
FT1220	3-way valve.....	CW	ALL	FT1643	O-Ring P16.....	CW	ALL
FT1116	Mixing valve.....	CW	ALL	FT1687	O-Ring P18.....	CW	ALL
FT1107	Piping clip.....	CW	ALL	FT1513	O-Ring P20.....	CW	ALL
FT1119	Flow restrictor.....	CW	140	FT1644	O-Ring P22.....	CW & HW	ALL
FT1506	Flow restrictor (5L).....	CW	140	FT1515	O-Ring P22A.....	CW	ALL
FT1822	Flow restrictor.....	CW	199	FT1516	O-Ring P25.....	CW	ALL
FT1321	Air vent.....	CW & HW	ALL	FT1601	O-Ring P7.....	CW & HW	ALL
R2077501	Field service kit - Wall mounted.....	CW & HW	ALL	A2123605	Neutralizer media, 2.5 lb.....	CW & HW	ALL
JACKET & MISC. COMPONENTS				A2123606	Neutralizer media, 40 lb.....	CW & HW	ALL
ST1004	Display cover / window.....	CW & HW	ALL	Q2016900	Neutralizer media, sold by the lb.....	CW & HW	ALL
FT1923	Front cover.....	CW	ALL				

Mascot ST Model MSTWW199

Part No.	Description	Model	Size	Part No.	Description	Model	Size
GAS / AIR COMPONENTS				ELECTRICAL COMPONENTS			
ST1061	Gas Valve			R2080608	Control board (PCB)		
ST1060	Gas valve assembly			ST1016	Display panel		
FT1919	Gas Valve Adapter (pipe to valve)			ST1004	Display panel cover		
ST1062	Gas valve plug			ST1045	Ignition rod		
ST1042	Burner Assembly			ST1044	Ignition rod gasket		
ST1048	Metal fiber assembly (burner)			FT1327	Sensor, flame detector		
ST1036	Blower assembly			ST1006	Ignition transformer		
ST1037	Blower			ST1019	Power switch		
ST1038	Blower o-ring			ST1011	Water outlet sensor		
ST1039	AGM (actuator)			ST1023	Water inlet sensor		
ST1001	Exhaust connector assembly			ST1008	Overheat sensor (150C)		
ST1030	Exhaust pipe assembly (up)			ST1047	Overheat sensor (burner)		
ST1031	Exhaust temperature sensor			ST1051	Heat exchanger temp sensor (OP)		
ST1032	Exhaust gasket packing 1			ST1052	Overheat sensor (heat exchanger)		
ST1033	Exh pipe ass'y w/ cond collect pan			ST1056	Ceramic heater		
ST1034	Exhaust gasket packing 2			ST1014	Air pressure switch		
ST1028	Air intake connector assembly			FT1861	Cable, communication, cascade		
ST1012	Condensate trap assembly			WATERWAY / HEAT EXCHANGER COMPONENTS			
ST1079	Internal condensate hose			ST1029	Heat exchanger assembly		
ST1070	Condensate hose			ST1076	Secondary heat exchanger		
ST1040	Silencer elbow			ST1021	Water inlet valve assembly		
ST1041	Silencer body			ST1024	Water inlet filter		
ST1073	Bird screen, 2 Inch			ST1020	Flow control valve		
MISC. COMPONENTS				ST1050	Mixing valve		
ST1069	Spare gaskets kit			ST1077	Heat exchanger / burner gasket		
R2077503	Field service kit						

Mascot LX

Models MLXCW & MLXHW

Part No.	Description	Size	Part No.	Description	Size
GAS / AIR COMPONENTS			WATERWAY / HEAT EXCHANGER COMPONENTS		
A2122400	Blower.....	50-75	A2117700	Pump	50-125
A2122500	Blower.....	100-125	A2122600	Pump	150-220
RA2114200	Blower.....	150-220	A2122004	3-way valve & actuator.....	125-175
12P2065	Blower mounting plate.....	50-220	P2093100	Coupling, SS, 1/2" NPT, for DHW sensor.....	125-175
S2105400	Gasket, blower outlet.....	50-220	A2117600	Gauge, pressure & temperature.....	50-220
S2124500	O-ring, blower inlet.....	50-220	P2074500	Air vent.....	50-220
S2127900	Gasket, blower mounting plate.....	50-220	F2027600	Washer, sealing, 1.19" OD x .79"ID.....	125-175
S2127300	Gasket, blower mounting plate.....	50-220	S2115100	O-ring, 20.04mm ID x 27.10mm OD.....	125-175
RL2018401	Burner.....	50-75	P2074600	Switch, low water pressure.....	50-220
RL2018402	Burner.....	100			
RL2018403	Burner.....	150-175	JACKET / BASE COMPONENTS		
R2069104	Burner.....	220	12P3006	Panel, top.....	50-220
V2022700	Valve, gas.....	50-220	12P7015	Panel, middle.....	50-125
S2125000	O-ring, gas valve to gas pipe.....	50-220	12P3004	Panel, bottom.....	150-220
W2014200	Ignitor, spark.....	50-220	12P3005	Panel, bottom.....	50-220
RW2013300	Gasket, ignitor.....	50-220	S2114000	Grommet	
W2014300	Sensor, flame.....	50-220	NEUTRALIZER MEDIA		
E2348100	Switch, low air pressure.....	50-220	A2123605	Neutralizer media, 2.5 lb.....	all
A2117500	Condensate trap.....	50-125	A2123606	Neutralizer media, 40 lb.....	all
P2067603	Pipe, PVC, 3/4" sch 40 x 6" long.....	50-125	Q2016900	Neutralizer media, sold by lb.....	all
S2116300	O-ring, 1" ID x 1-3/16" OD.....	50-125			
12H5500	Adapter, vent, CPVC.....	50-220			
12H5501	Gasket, vent adapter.....	50-220			
500-168	Plug, hex, 1/8" NPT.....	50-220			
ELECTRICAL / CONTROL COMPONENTS					
RE23569001	Control board.....	50-220			
	Firmware / date codes 4555296_00, R01A_140918 to R01A_141218 and R02A_150210				
RE23569002	Control board.....	50-220			
	Firmware / date code R02A_150729				
RE23569003	Control board.....	50-220			
	Firmware / date code R02A_150909 & later				
E2356800	Display.....	50-220			
E2357500	Sensor, water outlet.....	50-220			
E2357000	Sensor, water inlet.....	50-220			
RE2337501	Sensor, DHW temperature.....	125			
RE2337502	Sensor, DHW temperature.....	150-175			
R2076500	Sensor, flow, DHW, to replace old sensor.....	125-175			
	with new sensor, wire harness & coupling				
RE2362400	Sensor, flow, DHW, to replace just the.....	125-175			
	current sensor				
E2357200	Sensor, flue, duplex.....	50-220			
E2357300	Grommet, flue sensor.....	50-220			
E2357700	Cover, display, push button.....	50-220			
R0021300	Transformer, 40VA, 115/24V.....	50-220			
E2335100	Circuit breaker, 2A.....	50-220			
E2318900	Circuit breaker, 10A.....	50-220			
E2335000	Switch, rocker, 120V, amber.....	50-220			
05P7400	Wire harness, complete.....	50-100			
12P7400	Wire harness, complete.....	125-150			
17P7400	Wire harness, complete.....	175-220			
R2072900	LWCO with harness, optional.....	50-220			
E2338600	Cube relay.....	50-220			

Mascot II

Models LMC & LMH

Part No.	Description	Part No.	Description
GAS / AIR COMPONENTS			
R2069102	Burner with gasket and screws	12H4012	Bracket, control valve
RS2108500	Burner gasket	12H4019	Bracket, 3-way valve
R2069200	Flame sensor with gasket	12H4022	Bracket, capture, hex
RW2013400	Flame sensor gasket	R2071601	Pipe, tail piece, before Jan 10, 2010
R2069300	Ignitor with gasket	R2071602	Pipe, tail piece, Jan 10, 2010 or after
RW2013300	Ignitor gasket	P2074500	Air vent, auto, 1/4"
RS2112801	Burner door with gaskets	F2025502	Washer, sealing, 0.93 OD x 0.62 ID
R2069400	Burner door gasket	F2027500	Washer, sealing, 0.59 OD x 0.32 ID poly
RA2107500	Blower, combustion air	F2027700	Washer, sealing, 0.410 OD
S2105400	Blower gasket	S2115100	O-ring, 20.04mm ID x 27.10mm OD
R50D2021	Tile, refractory, rear	S2116000	O-ring, 2-1/8" ID x 3/32" thick
RT2109001	Tile, refractory, front	12H3023	Washer, clamping, hx bracket
RS2108400	Air/gas channel	12H4001	Pipe, hx outlet to DHW
RS2109400	Screw, air/gas channel	12H4006	Pipe, expansion tank
12H4011	Pipe, gas / sensor tube	12H4010	Pipe, air vent
12H5002	Plate, venturi SIT	S2112700	Screw, M4 X 10 soc hd cap
12H5500	Adapter, vent, CPVC	F2023700	Washer M5, lock internal tooth
12H5501	Gasket, vent adapter	F2029000	Cotter pin
A2117500	Condensate trap	S2114800	Bumper, rubber
R2075500	Conversion kit, natural to propane	S2114000	Grommet, pipe, wire, multi size, rubber
ELECTRICAL / CONTROL COMPONENTS			
R12H7060	Control, programmed - LMC	P2067603	Pipe, PVC, 3/4" sch 41
R12H7061	Control, programmed - LMH	500-168	Plug, hex 1/8" NPT
RE2310500	Sensor, outdoor air temperature	10-596	Tee, 1/" barb, plastic
RE2319700	Sensor, stack temperature	12H2500	Hose, drain, condensate
RE2319900	Sensor, water temperature, duplex, outlet	JACKET/BASE COMPONENTS	
RE2320600	Sensor, water temperature, inlet	12H3001	Jacket assembly
RE2333500	Display module, LMH	12H3011	Base, jacket
RE2333501	Display module, LMC	12H3004	Panel, front bottom with control, LMC
RE2337501	Sensor, domestic water	12H3005	Panel, front top, plastic and metal together
R0021300	Transformer, 40VA, 115V/24V	12H3007	Hinge, front panel, bottom
12H7005	Wire (spark ignitor cable)	12H3008	Hinge, front panel, middle
12H7008	Wire, flame sensor	12H3015	Panel, front top
R12H7009	Connector assembly, gas valve	12H3017	Support, middle panel
12H7010	Wire harness, main, LMH	12H3018	Panel, right side
E2318900	Circuit breaker, 10A, 120V	12H3019	Panel, left side
E2334500	Plug, 3-prong with cord	12H3025	Panel, front bottom with control, LMH
E2334501	Harness, wire, power switch/ circuit breaker	12H7002	Panel, front middle, plastic
E2334502	Harness, wire, display/+24V circuit breaker	12H7003	Panel, front bottom, plastic
E2335000	Switch, rocker, 120V, amber	12H7004	Bracket, mounting, control
E2335100	Circuit breaker, 2A, 120V	F2028200	Washer, retaining, .50 OD, nylon
E2336500	Air pressure switch, 2.80" w.c., blocked vent	R2073903	Gasket, strip, foam 3/8"x1/8", 3 feet
E2343200	Wire harness, main, LMC	R2073904	Gasket, strip, foam 3/8"x1/8", 4 feet
E2338600	Cube relay	R2073909	Gasket, strip, foam 3/8"x1/8", 9 feet
E2334900	Switch, pressure, air/gas, inlet, fan proving	R2073914	Gasket, strip, foam 3/8"x1/8", 14 feet
WATERWAY / HEAT EXCHANGER COMPONENTS			
S2113800	Heat exchanger	R2073915	Gasket, strip, foam 3/8"x1/8", 15 feet
S2115900	Heat exchanger, plate, DHW	R2073970	Gasket, strip, foam 3/8"x1/8", 70 feet
S2116300	O-ring, 1" DI x 1-3/16" OD	10-103	Screw, hex head, 1/4-20 unc. x .75"
A2117600	Gauge, pressure & temp, remote	12H3010	Bracket, hx, right side
12H3006	Gasket, expansion tank	12H3016	Bracket, hx, left side
12H3020	Bracket, expansion tank	12H3009	Bracket, transformer
R2072400	Flow switch	12H3012	Bracket, wall attachment
E2337400	Flow switch		
P2074600	Water pressure switch		
A2117700	Pump, UPS15-58RU		
RA2117803	Actuator, 4-wire		

Endurance

*Old Units with Blue Jackets & New Units with Grey Jackets

Part No.	Description	Style*	Size	Part No.	Description	Style*	Size
GAS / AIR COMPONENTS				JACKET / BASE COMPONENTS			
2400-548	Gas valve, (Honeywell).....	both	all	1-580	Flow restrictor, 4 gpm, EBP.....	both	110
R30-227	Gas valve flange gasket.....	both	all	2400-522	Boiler drain.....	both	EBP
31-325	Manifold gas inlet.....	both	175	2400-530	Air vent (coin vent).....	both	all
2400-142	Adjustable combustion air inlet.....	both	all	2400-566	Gaskets, pump flange.....	both	all
2400-145	Gas orifice kit (4 options, nat/LP, 110/175).....	both	all	R2028200	Water flow switch with tubing, EBP.....	both	all
2400-146	Gas orifice kit hi alt. (4 opt nat/LP 110/175).....	both	all	R2072400	Water flow switch, EBP.....	new	EBP
2400-516	Burner with gaskets.....	both	110	2400-506	Insulation, coil cover.....	both	all
2400-518	Burner with gaskets.....	both	175	2400-508	Insulation, boiler coil.....	both	all
2400-514	Burner gasket.....	both	all	JACKET / BASE COMPONENTS			
2400-524	Blower with gaskets.....	both	all	30-677	Collar, vent stack.....	new	all
2400-540	Gasket, blower.....	both	all	40-250	Jacket surround.....	old	EDP
30-188	O-ring, blower.....	both	all	40-301	Jacket surround.....	new	EDP/N
2400-526	Ignitor with gasket.....	both	all	30-251	Panel, access.....	old	EDP
2400-528	Gasket, ignitor / flame sensor.....	both	all	30-253	Panel, access.....	new	EDP/N
30-205	Cork gasket, air inlet.....	old	EBP	36-640	Panel, back.....	both	EBP
A2108100	Plastic blower cover.....	both	all	40-302	Panel, base.....	new	EDP/N
2400-510	Comb. chamber / coil assembly, EBP.....	both	110	36-643	Panel, door.....	both	EBP
2400-512	Comb. chamber / coil assembly, EBP.....	both	175	40-304	Panel, front.....	new	EDP/N
2400-593	Comb. chamber / coil assembly, EDP/EDN.....	both	110	36-641	Panel, left side.....	both	EBP
2400-594	Comb. chamber / coil assembly, EDP/EDN.....	both	175	36-642	Panel, right side.....	both	EBP
ELECTRICAL / CONTROL COMPONENTS				30-678	Panel, top.....	new	EBP
36-288	Standoff clips for control board.....	old	all	40-678	Panel, top.....	new	EDP/N
2400-441	Ignition control.....	new	all	40-014	Pump base assembly.....	both	EDP
2400-442	PWM board.....	new	all	40-303	Base rail.....	new	EDP/N
2400-546	Control Board, EBP.....	old	EBP	36-010	Bottom.....	both	EBP
R2080802	Control Replacement, EBP.....	new	110	40-010	Bottom.....	old	EDP
R2080803	Control Replacement, EBP.....	new	175	36-028	Bottom insulation.....	old	EBP
R0560701	Valve rectifier (on-off switch).....	both	all	S2006600	Gasket, closed cell, sold by the foot.....	both	all
2400-550	Safety limit, 230°F.....	both	all	2400-152	Field Service Kit.....	new	EDP
2400-443	Wire harness, EBP.....	new	all	2400-153	Field Service Kit.....	new	EBP
2400-444	Wire harness, EDP/EDN.....	new	all	2400-590	Gasket Kit.....	both	all
30-310	Wire harness, EBP.....	old	all	2400-407	3" 90° elbow		
40-310	Wire harness, EDP/EDN.....	old	all	2400-408	3" 45° elbow		
2400-445	Sensor, tank & supply (white).....	new	all	2400-409	3" condensate tee		
2400-446	Sensor, return (white).....	new	all	2400-410	3" x 12" straight		
2400-552	Sensor, boiler flow tank, EBP (F4) supply.....	old	all	2400-411	3" x 24" straight		
2400-556	Sensor, boiler return (F6) above pump.....	old	all	2400-412	3" x 48" straight		
2400-448	Transformer.....	new	all	2400-413	3" x 6" to 19" straight, telescoping		
2400-562	Transformer.....	old	all	2400-426	3" terminal with screen		
2400-568	Reset switch.....	both	all	2400-435	3" / 5" boiler adapter with fresh air tee		
30-616	Fuse, line voltage (on boiler control).....	old	all	2400-277	5" side wall terminal, concentric		
2400-451	Valve, anti condensing.....	new	all	2400-416	3" / 5" rain cap, concentric		
2400-538	Valve, anti condensing, EBP.....	old	all	2400-418	3" / 5" 90° elbow, concentric		
2400-141	Cartridge, anti condensing valve.....	old	all	2400-419	3" / 5" 45° elbow, concentric		
2400-539	Motor, anti condensing, valve, EBP.....	old	all	2400-420	3" / 5" boiler adapter, concentric		
E0000700	5-Amp fuse.....	both	all	2400-421	3" / 5" condensate trap, concentric		
R2006100	Relay, EDP/EDN.....	new	all	2400-422	3" / 5" vertical termination, concentric		
WATERWAY / HEAT EXCHANGER COMPONENTS				2400-423	3" / 5" x 12" straight, concentric		
2400-570	Heat exch, flat plate, with gasket DHW.....	both	EBP	2400-424	3" / 5" x 12.5" to 19" telescoping, conc		
2400-572	Gaskets, DHW heat exchanger.....	both	EBP	2400-425	3" / 5" x 36" straight, concentric		
2400-586	Transfer tank (before s/n E07192692.....	new	EBP	2400-428	3" / 5" vent terminal extension, conc		
2400-650	Transfer tank (s/n E07192692 & after).....	new	EBP	2400-433	3" / 5" x 24" straight, concentric		
2400-386	Pump, EBP / EDP.....	both	175	2400-437	5" support clamp		
2400-592	Pump, EBP / EDP.....	both	110	2400-452	3" side wall terminal, concentric		
2400-388	Pump, EDN.....	both	all				
2400-029	Thermostat & o-ring for union.....	both	all				
2400-574	Pressure gauge.....	both	all				
2400-112	Pressure relief valve.....	both	all				

Pennant & Mighty Therm2 200-400

Sizes 200,000 - 400,000 BTU/h

Part No.	Description	Size	Part No.	Description	Size
GAS / AIR COMPONENTS					
V0079400	Gas valve, natural.....	all	E2327700	Terminal block, 6-position, rev 2**.....	MT2
V0079500	Gas valve, propane.....	all	E0101800	Terminal block, 12 position.....	PNC
RE0254000	Blower.....	all	E2039500	Terminal block, 2 position.....	PNC
S2104400	Gasket, blower.....	all	E0102000	Jumper, terminal block.....	MT2
S2104500	Gasket, blower duct.....	all	2C7005	Cover, transformer.....	all
2C5000	Assembly, air shutter, blower.....	all	2F7001	Control panel tray, rev 2**.....	MT2
L0063300	Burner, main.....	all	2F7002	Control panel tray, rev 1**.....	MT2
S2104300	Gasket, burner.....	all	2C7002	Panel, control.....	PNC 200
RW2002300	Ignitor, hot surface, with gasket.....	all	3C7002	Panel, control.....	PNC 300
10-332	Gasket, ignitor.....	all	4C7002	Panel, control.....	PNC 400
L0062900	Orifice, natural.....	all	R2006100	Relay module.....	PNC
L0063000	Orifice, propane.....	all	2C7003	Panel, LED.....	PNC
F2022400	Spacer, gas orifice.....	all	E2105600	Panel, indicator light board.....	PNC
L0063402	Manifold, gas, 2-port, 2-stage, right bank.....	200	E2324000	Wiring harness.....	PNC
L0063403	Manifold, gas, 3-port, 2-stage, right bank.....	300	F0035900	Screw, 6-32 x 5/8".....	PNC
L0063404	Manifold, gas, 2-port, 2-stage, left bank.....	200	WATERWAY / HEAT EXCHANGER COMPONENTS		
L0063405	Manifold, gas, 4-port, 2-stage, right bank.....	400	R2C4100	Tube assembly, copper, with gaskets.....	200
L0063413	Manifold, gas, 3-port, 2-stage, left bank.....	300	R2C4120	Tube assembly, cupro-nickel with gaskets.....	200
L0063414	Manifold, gas, 2-stage left bank.....	400	R3C4100	Tube assembly, copper, with gaskets.....	300
L0063414	Manifold, gas, on-off.....	200	R3C4120	Tube assembly, cupro-nickel with gaskets.....	300
L0063416	Manifold, gas, 6-port, on/off.....	300	R4C4100	Tube assembly, copper, with gaskets.....	400
L0063418	Manifold, gas, 8-port, on/off.....	400	R4C4120	Tube assembly, cupro-nickel with gaskets.....	400
L0063702	Weldment, gas manifold, main.....	200	R2F4205	Complete heat exch, copper, H-stamp.....	MT2 200
L0063703	Weldment, gas manifold, main.....	300	R3F4205	Complete heat exch, copper, H-stamp.....	MT2 300
L0063704	Weldment, gas manifold, main.....	400	R4F4205	Complete heat exch, copper, H-stamp.....	MT2 400
R2073200	Media, filter.....	all	R2F4205W	Complete heat exch, copper, HLW-stamp.....	MT2V 200
F2022300	Clip, retaining, filter media.....	all	R3F4205W	Complete heat exch, copper, HLW-stamp.....	MT2V 300
S2104600	Gasket, flue housing.....	all	R4F4205W	Complete heat exch, copper, HLW-stamp.....	MT2V 400
RD0091205	Hose, duct, flexible, 4" dia.....	200	R2F4405	Complete heat exch, cu-nickel, H-stamp.....	MT2 200
RD0091206	Hose, duct, flexible, 4" dia.....	300	R3F4405	Complete heat exch, cu-nickel, H-stamp.....	MT2 300
RD0091207	Hose, duct, flexible, 4" dia.....	400	R4F4405	Complete heat exch, cu-nickel, H-stamp.....	MT2 400
2C2017	Plate, spacer, burner/manifold.....	200	R2F4405W	Complete heat exch, cu-nickel, HLW-stamp.....	MT2V 200
3C2017	Plate, spacer, burner/manifold.....	300	R3F4405W	Complete heat exch, cu-nickel, HLW-stamp.....	MT2V 300
4C2017	Plate, spacer, burner/manifold.....	400	R4F4405W	Complete heat exch, cu-nickel, HLW-stamp.....	MT2V 400
ELECTRICAL / CONTROL COMPONENTS			R2C4000	Complete heat exchanger, copper.....	PNC 200
**Character 13 of the Mighty Therm 2 model number shows the revision.			R3C4000	Complete heat exchanger, copper.....	PNC 300
RE2344300	Controller, rev 2**.....	MT2H 200	R4C4000	Complete heat exchanger, copper.....	PNC 400
RE2344301	Controller, rev 2**.....	MT2H 300-400	R2C4300	Complete heat exchanger, cu-nickel.....	PNC 200
RE2344301	Controller, rev 2**.....	MT2V	R3C4300	Complete heat exchanger, cu-nickel.....	PNC 300
E0253100	Temperature control.....	PNCV	R4C4300	Complete heat exchanger, cu-nickel.....	PNC 400
E0253900	Thermistor probe.....	PNC	2C4103	Casting, return header.....	all
E2348700	Controller harness, rev 2**.....	MT2	2F4122	Casting, inlet/outlet.....	all
RE0014400	Controller, on-off, rev 1**.....	MT2	R0050801	Heat exchanger gasket set, 20-piece kit.....	all
RE0093200	Controller, 2-stage, rev 1**.....	MT2	S0070800	HX gasket (qty 1-use R0050801 for qty 20)....	all
E2304800	High limit.....	all H	2C4001	Chamber, header, hx.....	all
E2324200	High limit.....	all V	2C4002	Baffle, end.....	all
2C7004	Bracket, mounting, hi-limit & pressure sw.....	all	A0063300	PRV, 75 psi.....	MT2H
E2103200	Temp switch, manual reset, 250°F.....	MT2 200	RA2138900	PRV, 125 psi.....	MT2V
E0253400	Ignition control.....	all	RA0079000	T & P gauge.....	all
E0180500	Transformer.....	all	RE0013000	Flow switch, outdoor.....	all
RE2322700	Rocker switch.....	MT2	RE2076500	Low water cutoff (opt.).....	all
R2015000	Toggle switch.....	MT2	E0234201	Immersion well, high limit.....	all
R2007700	Toggle switch.....	all	RE2058300	Immersion well, 3/8" bulb.....	MT2
RE2327800	Relay, DPDT.....	all	RA2139200	Pump, normal water, Taco, with cover.....	all V
RE2077700	Relay, time delay, pump, rev 1**.....	all	RA2139201	Pump, normal water, Taco, without cover.....	all V
RE0240900	Switch, pressure, SPDT.....	MT2	RA2112201	Pump w/ flanges, normal water, Taco.....	all V
R2076600	Switch, pressure, SPDT.....	MT2	A0095605	Pump, soft water, Taco.....	all V
E2327500	Terminal block, 16-position, rev 1**.....	MT2	RA2112213	Pump w/ flanges, soft water, Taco.....	all V
			A2120300	Pump, normal water, Grundfos.....	MT2V

Pennant & Mighty Therm 2 (200-400) (Cont.)

Part No.	Description	Size	Part No.	Description	Size
RA2112235	Pump w/ flanges, normal water, Grundfos.....	MT2V	JACKET / BASE COMPONENTS		
A0076701	Pump, Taco.....	H 200	2C1000	Base assembly.....	200
RA2112209	Pump w/ flanges, Taco.....	H 200	3C1000	Base assembly.....	300
A0076805	Pump, Taco.....	H 300-400	4C1000	Base assembly.....	400
RA2112217	Pump w/ flanges, Taco.....	H 300-400	2F3000	Jacket assembly, non-pump-mounted.....	MT2 200
A2120300	Pump, Grundfos.....	MT2H	3F3000	Jacket assembly, non-pump-mounted.....	MT2 300
RA2112236	Pump w/ flanges, Grundfos.....	MT2H	4F3000	Jacket assembly, non-pump-mounted.....	MT2 400
S0077700	Pump flange set, cast iron.....	all	2F3020	Jacket assembly, pump-mounted.....	MT2 200
A2112300	Pump flange set, non-ferrous.....	all	3F3020	Jacket assembly, pump-mounted.....	MT2 300
S0076500	Gasket, flange.....	all	4F3020	Jacket assembly, pump-mounted.....	MT2 400
S0076400	Flange, iron.....	all H	2C3800	Assembly, filter housing.....	all
S0076401	Flange, bronze.....	all V	2C3010	Panel, filter access, jacket.....	all
F0002100	Nut, hex, 1/4-20.....	PNC	2C3623	Panel, filter side, upper, jacket.....	all
F0040800	Nut, hex, 3/8".....	PNC	2C2018	Cover, gas inlet, air box.....	all
F0046100	Bolt, dome, 3/8-16x2-1/2".....	PNC	2C3620	Panel, hx side access, jacket.....	all
F0051400	Screw, hex, 3/8-16 x 1.75".....	PNC	2C2015	Panel, left side, air box.....	all
F2011600	Screw, pan, 1/4-20 x .75".....	PNC	2C3420	Panel, left side, jacket.....	all
F2025000	Washer, 3/8".....	PNC	2C3622	Panel, lower access, jacket.....	all
P0019100	Nipple, iron, 1-1/2" x close.....	PNC	2C3520	Panel, right side, jacket.....	all
P0026800	Plug, 1/4" brass.....	PNC	2C3621	Panel, right side, upper, jacket.....	all
P0026900	Plug, 1/2" brass.....	PNC	10338600	Plate, cover, sight glass.....	all
P0054900	Nipple, brass, 3/4" x close.....	PNC	2C2500	Weldment, duct, blower.....	all
P2019500	Tee, iron, 1 1/2" x 1 1/2" x 1".....	PNC	2C2300	Weldment, flue.....	all
P2022100	Nipple, brass, 1 1/2" x close.....	PNC	R2C3320	Panel, front, jacket.....	200
P2023801	Tee, bronze, 1 1/2" x 1 1/2" x 1".....	PNC	R3C3320	Panel, front, jacket.....	300
COMBUSTION CHAMBER COMPONENTS			R4C3320	Panel, front, jacket.....	400
R10956000	Assembly, sight glass.....	all	2F3019	Panel, jacket, control access.....	MT2 200
T2108802	Chamber.....	200	3F3019	Panel, jacket, control access.....	MT2 300
T2108803	Chamber.....	300	4F3019	Panel, jacket, control access.....	MT2 400
T2108804	Chamber.....	400	2C3220	Panel, rear, jacket.....	200
T2015808	Insulation, combustion chamber, kit.....	200	3C3220	Panel, rear, jacket.....	300
T2015809	Insulation, combustion chamber, kit.....	300	4C3220	Panel, rear, jacket.....	400
T2015810	Insulation, combustion chamber, kit.....	400	2C3021	Panel, top, jacket.....	200
2C2001	Panel, top, combustion chamber.....	200	3C3021	Panel, top, jacket.....	300
3C2001	Panel, top, combustion chamber.....	300	4C3021	Panel, top, jacket.....	400
4C2001	Panel rear, combustion chamber.....	400	2C3016	Cover, pump.....	all
2C2023	Assembly, front panel, comb chamber.....	200	2C3700	Weldment, cover, air inlet.....	200-300
3C2023	Assembly, front panel, comb chamber.....	300	4C3700	Weldment, cover, air inlet.....	400
4C2023	Assembly, front panel, comb chamber.....	400	3C3702	Panel, cover, exhaust.....	300
2C2601	Chamber, left side, bottom.....	all	2C2100	Assembly, exhaust vent, vertical.....	200
2C2201	Chamber, right side, bottom.....	all	3C2100	Assembly, exhaust vent, vertical.....	300
2C2002	Chamber, side, top.....	all	4C2100	Assembly, exhaust vent, vertical.....	400
2C2006	Panel rear, combustion chamber.....	200			
3C2006	Panel rear, combustion chamber.....	300			
4C2006	Panel rear, combustion chamber.....	400			
2C2009	Panel, front, air box.....	200			
3C2009	Panel, front, air box.....	300			
4C2009	Panel, front, air box.....	400			
2C2016	Panel, right side, air box.....	all			
2C2019	Support, tile notch.....	200			
3C2019	Support, tile notch.....	300			
4C2019	Support, tile notch.....	400			
2C2008	Panel, top, air box.....	200			
3C2008	Panel, top, air box.....	300			
4C2008	Panel, top, air box.....	400			

Mini-Therm JX

Sizes 50,000 - 200,000 BTU/h

Part No.	Description	Size	Part No.	Description	Size
GAS / AIR COMPONENTS			COMBUSTION CHAMBER COMPONENTS		
RV2030700	Gas valve, natural.....	all	5X207201	Diverter assembly.....	125-200
V2015100	Gas valve regulator spring, LP.....	all	S2138700	O-ring, pump.....	all
L0032200	Gas orifice, Nat, 0-2000 ft.....	all	S2137800	Seal, flange.....	all
L0050700	Gas orifice, Nat, 2001-5000 ft.....	all	COMBUSTION CHAMBER COMPONENTS		
L0032600	Gas orifice, Nat, 5001-8000 ft.....	all	R5X3030	Draft diverter assembly.....	50
L0050300	Gas orifice, Nat, 8001-10,000 ft.....	all	R7X3030	Draft diverter assembly.....	75
L0039000	Gas orifice, Propane, 0-2000 ft.....	all	R10X3030	Draft diverter assembly.....	100
L0032900	Gas orifice, Propane, 0-5000 ft.....	all	R12X3030	Draft diverter assembly.....	125
L0032800	Gas orifice, Propane, 5001-8000 ft.....	all	R15X3030	Draft diverter assembly.....	150
L0032700	Gas orifice, Propane, 8001-10,000 ft.....	all	R20X3030	Draft diverter assembly.....	200
L0052500	Burner, main.....	all	5X3019	Flue collector.....	50
L0056500	Burner with pilot bracket assembly.....	all	7X3019	Flue collector.....	75
5X6001	Gas manifold.....	50	10X3019	Flue collector.....	100
7X6001	Gas manifold.....	75	12X3019	Flue collector.....	125
10X6001	Gas manifold.....	100	15X3019	Flue collector.....	150
12X6001	Gas manifold.....	125	20X3019	Flue collector.....	200
15X6001	Gas manifold.....	150	5X5004	Burner bank cover assembly.....	50
20X6001	Gas manifold.....	200	7X5004	Burner bank cover assembly.....	75
R0061600	Pilot assembly, natural.....	all	10X5004	Burner bank cover assembly.....	100
W2001700	Pilot assembly, LP.....	all	12X5004	Burner bank cover assembly.....	125
W2016400	Pilot orifice, natural.....	all	15X5004	Burner bank cover assembly.....	150
W2002200	Pilot orifice, LP.....	all	20X5004	Burner bank cover assembly.....	200
L0055900	Air shutter, burner.....	all	5X2020	Front and rear baffle and tile cover (2).....	50
5X5002	Pilot tube.....	all	7X2020	Front and rear baffle and tile cover (2).....	75
ELECTRICAL / CONTROL COMPONENTS			10X2020	Front and rear baffle and tile cover (2).....	100
R2087801	Controller	all	12X2020	Front and rear baffle and tile cover (2).....	125
E2407000	High tension lead.....	all	15X2020	Front and rear baffle and tile cover (2).....	150
E2407200	Limit sensor.....	all	20X2020	Front and rear baffle and tile cover (2).....	200
R0021300	Transformer, 40VA, 115/24V.....	all	5X2012	Baffle, heat exchanger (7).....	50
R2061100	Blocked vent safety switch.....	all	7X2012	Baffle, heat exchanger (7).....	75
E2103200	Rollout switch.....	all	10X2012	Baffle, heat exchanger (7).....	100
RE2071501	Vent damper, 4".....	50	12X2012	Baffle, heat exchanger (7).....	125
RE2071502	Vent damper, 5".....	75-100	15X2012	Baffle, heat exchanger (7).....	150
RE2071503	Vent damper, 6".....	125-150	20X2012	Baffle, heat exchanger (7).....	200
RE2071504	Vent damper, 7".....	200	R5X2013	Tile set (incl front & rear tiles, & clamp).....	50
E2335100	Circuit breaker, 2 AMP, panel mount.....	all	R7X2013	Tile set (incl front & rear tiles, & clamp).....	75
E2402100	Terminal block finger guard.....	all	R10X2013	Tile set (incl front & rear tiles, & clamp).....	100
E2403400	Low voltage harness (TB1 and damper).....	all	R12X2013	Tile set (incl front & rear tiles, & clamp).....	125
E2402600	High voltage harness.....	all	R15X2013	Tile set (incl front & rear tiles, & clamp).....	150
E2402700	X1 connector harness (safety chain).....	all	R20X2013	Tile set (incl front & rear tiles, & clamp).....	200
E2402800	LLH pump harness.....	125-200	JACKET / BASE COMPONENTS		
20071500	Pump kit harness.....	50-100	5X1000	Base assembly.....	50
WATERWAY / HEAT EXCHANGER COMPONENTS			7X1000	Base assembly.....	75
R5X2000	Heat exchanger.....	50	10X1000	Base assembly.....	100
R7X2000	Heat exchanger.....	75	12X1000	Base assembly.....	125
R10X2000	Heat exchanger.....	100	15X1000	Base assembly.....	150
R12X2000	Heat exchanger.....	125	20X1000	Base assembly.....	200
R15X2000	Heat exchanger.....	150	R5X3045	Front cover.....	50
R20X2000	Heat exchanger.....	200	R7X3045	Front cover.....	75
A2136500	Circulator.....	all	R10X3045	Front cover.....	100
A2117600	Gauge, temp/pressure & pressure.....	all	R12X3045	Front cover.....	125
R1-054	Pressure relief valve, 30psi.....	all	R15X3045	Front cover.....	150
E2402900	Well, immersion, 1/2 NPT.....	all	R20X3045	Front cover.....	200
415-48070-01	Drain.....	all	R5X3038	Panel, front inner.....	50
P2142900	Adapter 1/4" NPT x BSPP.....	all	R7X3038	Panel, front inner.....	75
P2143000	Spacer/washer for gauge adapter.....	all	R10X3038	Panel, front inner.....	100
5X207202	Diverter assembly.....	50-100	R12X3038	Panel, front inner.....	125
			R15X3038	Panel, front inner.....	150

Mini-Therm JX (Cont.)

Part No.	Description	Size	Part No.	Description	Size
R20X3038	Panel, front inner.....	200	CONVERSION KITS		
5X3037	Panel, rear.....	50	CA019901	Natural to LP 0-2000 feet.....	50
7X3037	Panel, rear.....	75	CA019902	Natural to LP 2001-5000 feet.....	50
10X3037	Panel, rear.....	100	CA019903	Natural to LP 5001-8000 feet.....	50
12X3037	Panel, rear.....	125	CA019904	Natural to LP 8001-10000 feet.....	50
15X3037	Panel, rear.....	150	CA019905	Natural to LP 0-2000 feet.....	75
20X3037	Panel, rear.....	200	CA019906	Natural to LP 2001-5000 feet.....	75
R5X3032	Panel, top, front.....	50	CA019907	Natural to LP 5001-8000 feet.....	75
R7X3032	Panel, top, front.....	75	CA019908	Natural to LP 8001-10000 feet.....	75
R10X3032	Panel, top, front.....	100	CA019909	Natural to LP 0-2000 feet.....	100
R12X3032	Panel, top, front.....	125	CA019910	Natural to LP 2001-5000 feet.....	100
R15X3032	Panel, top, front.....	150	CA019911	Natural to LP 5001-8000 feet.....	100
R20X3032	Panel, top, front.....	200	CA019912	Natural to LP 8001-10000 feet.....	100
5X3031	Panel, top, rear.....	50	CA019913	Natural to LP 0-2000 feet.....	125
7X3031	Panel, top, rear.....	75	CA019914	Natural to LP 2001-5000 feet.....	125
10X3031	Panel, top, rear.....	100	CA019915	Natural to LP 5001-8000 feet.....	125
12X3031	Panel, top, rear.....	125	CA019916	Natural to LP 8001-10000 feet.....	125
15X3031	Panel, top, rear.....	150	CA019917	Natural to LP 0-2000 feet.....	150
R5X3043	Panel, left side.....	all	CA019918	Natural to LP 2001-5000 feet.....	150
R5X3044	Panel, rght side.....	all	CA019919	Natural to LP 5001-8000 feet.....	150
R2086800	Latch, Slot, Quarter Turn Assy.....	all	CA019920	Natural to LP 8001-10000 feet.....	150
POWER VENTERS			CA019921	Natural to LP 0-2000 feet.....	200
CA019501	Power venter kit.....	50-100	CA019922	Natural to LP 2001-5000 feet.....	200
CA019502	Power venter kit.....	125-200	CA019923	Natural to LP 5001-8000 feet.....	200
OPTIONAL ACCESSORIES			CA019924	Natural to LP 8001-10000 feet.....	200
CA005400	Outdoor air sensor kit.....	all	CA020001	LP to natural 0-2000 feet.....	50
CA019400	DHW pump control kit.....	all	CA020002	LP to natural 2001-5000 feet.....	50
RE2327800	DHW relay.....	all	CA020003	LP to natural 5001-8000 feet.....	50
E2404200	DHW harness.....	all	CA020004	LP to natural 8001-10000 feet.....	50
CA019600	Low loss header assembly.....	50-100	CA020005	LP to natural 0-2000 feet.....	75
			CA020006	LP to natural 2001-5000 feet.....	75
			CA020007	LP to natural 5001-8000 feet.....	75
			CA020008	LP to natural 8001-10000 feet.....	75
			CA020009	LP to natural 0-2000 feet.....	100
			CA020010	LP to natural 2001-5000 feet.....	100
			CA020011	LP to natural 5001-8000 feet.....	100
			CA020012	LP to natural 8001-10000 feet.....	100
			CA020013	LP to natural 0-2000 feet.....	125
			CA020014	LP to natural 2001-5000 feet.....	125
			CA020015	LP to natural 5001-8000 feet.....	125
			CA020016	LP to natural 8001-10000 feet.....	125
			CA020017	LP to natural 0-2000 feet.....	150
			CA020018	LP to natural 2001-5000 feet.....	150
			CA020019	LP to natural 5001-8000 feet.....	150
			CA020020	LP to natural 8001-10000 feet.....	150
			CA020021	LP to natural 0-2000 feet.....	200
			CA020022	LP to natural 2001-5000 feet.....	200
			CA020023	LP to natural 5001-8000 feet.....	200
			CA020024	LP to natural 8001-10000 feet.....	200

Mini-Therm JVS & JVT

Sizes 50,000 - 225,000 BTU/h

Part No.	Description	Size	Part No.	Description	Size
- MiniTherm I were built before 1990 ("mushroom top" venting). - MiniTherm II were built 1991 and later. - Units built September 2012 and after are "rev 2" boilers, and have DOE updated controls.			- Rev 2 boilers have model numbers with 12 characters ending in "U2." - Rev 1 boilers have model numbers with 10 characters. - Two-stage JVS models (revs 1 and 2) have "NK" or "PK" in the model number, and were built from 4-1-2004 to 1-24-14.		
GAS / AIR COMPONENTS			ELECTRICAL / CONTROL COMPONENTS		
R0059100	Gas valve, JVT, natural.....	all	R0061300	Control, temperature / limit.....	all
R0385000	Gas valve, JVT, propane.....	all	RE0093200	Control, JVS 2-stage, rev 1**.....	100-225
R0385100	Gas valve, JVS, natural.....	50-75	RE2344300	Control, temperature, JVS, rev 2**.....	all
R0407700	Gas valve, JVS, natural.....	100-225	RE2347600	Sensor, water temp, rev 2**.....	all
V0077500	Gas valve, JVS, propane.....	50-75	RE2347601	Sensor, water temp, with well, rev 2**.....	all
V0079100	Gas valve, JVS, propane.....	100-225	E2347400	Sensor, outdoor temp, rev 2**.....	all
L0032200	Gas orifice, Nat, 0-2000 ft.....	50-125	E2102800	Control, ignition, 100% lockout.....	all
L0032600	Gas orifice, Nat, 5001-8000 ft.....	50-125	10449514	High tension lead, JVS.....	50-125
L0032600	Gas orifice, Nat, 2001-5000 ft.....	160-225	10449515	High tension lead, JVS.....	160
L0032700	Gas orifice, Propane, 8001-10,000 ft.....	50-225	E2407000	High tension lead, JVS.....	225
L0032800	Gas orifice, Propane, 5001-8000 ft.....	50-225	R2028003	Wire harness, JVT.....	all
L0032900	Gas orifice, Propane, 0-5000 ft.....	50-225	E2347700	Wire harness, JVS, rev 2**.....	all
L0050300	Gas orifice, Nat, 8001-10,000 ft.....	50-125	R2028001	Wire harness, JVS 1-stage, rev 1**.....	all
L0050300	Gas orifice, Nat, 5001-8000 ft.....	160-225	R2028002	Wire harness, JVS 2-stage, rev 1**.....	all
L0050400	Gas orifice, Nat, 2001-5000 ft.....	160-225	E0099100	Vent damper wire harness.....	50-100
L0050700	Gas orifice, Nat, 2001-5000 ft.....	50-125	E0099101	Vent damper wire harness.....	125-225
L0050700	Gas orifice, Nat, 0-2000 ft.....	160-225	E2103200	Roll-out safety switch.....	all
L0052500	Burner, main.....	all	R2061100	Blocked vent safety switch.....	all
L0052601	Gas manifold.....	50	R0021300	Transformer, 40VA, 115/24V.....	all
L0052602	Gas manifold.....	75	RE0084401	Fuse, 4A, 5-pack kit.....	all
L0052603	Gas manifold.....	100	20129300	Power venter jumper.....	all
L0052604	Gas manifold.....	125	E0088400	Relay, DPNO.....	all
L0052605	Gas manifold.....	160	E0098500	Terminal strip.....	all
L0052606	Gas manifold.....	225	RE2351400	Plug, black, TCM control, rev 2**.....	all
R10907700	JVT pilot/main burner assy, nat, std. alt.....	050-225	WATERWAY / HEAT EXCHANGER COMPONENTS		
R10907702	JVT pilot/main burner assy, nat, high alt.....	050-225	R0402001	Heat exchanger, rev 1**.....	50
R10907701	JVT pilot/main burner assy, LP, all alts.....	050-225	R0402002	Heat exchanger, rev 1**.....	75
10582204	JVS pilot/main burner assy, nat, std alt.....	050-100	R0402003	Heat exchanger, rev 1**.....	100
10582202	JVS pilot/main burner assy, nat, std alt.....	125-160	R0402004	Heat exchanger, rev 1**.....	125
10582200	JVS pilot/main burner assy, nat, std alt.....	225	R0402005	Heat exchanger, rev 1**.....	160
10582208	JVS pilot/main burner assy, nat, high alt.....	050-100	R0402006	Heat exchanger, rev 1**.....	225
10582207	JVS pilot/main burner assy, nat, high alt.....	125-160	A0066500	Taco pump, 1/25hP.....	all
10582206	JVS pilot/main burner assy, nat, high alt.....	225	RE2058300	Immersion well, nickel plated.....	all
10582205	JVS pilot/main burner assy, LP, all alts.....	050-100	E0025902	Immersion well, revs 1 & 2**.....	all
10582203	JVS pilot/main burner assy, LP, all alts.....	125-160	E2345700	Sensor well, rev 2**.....	all
10582201	JVS pilot/main burner assy, LP, all alts.....	225	E2327900	Clip for E0025902 well.....	all
W0040900	Pilot assembly, natural, std. altitude.....	JVT	P2015900	Adapter, brass T&P.....	all
W0040902	Pilot assembly, natural, high altitude.....	JVT	R0060600	Gauge, temp/pressure 70-250F, 0-90psi.....	all
W0040901	Pilot assembly, LP.....	JVT	R0061400	Pressure relief valve, 30psi.....	all
R0061600	Pilot assembly, natural.....	JVS	R10-143	Drain.....	all
W0039600	Pilot assembly, LP.....	JVS	COMBUSTION CHAMBER COMPONENTS		
W0036500	Thermocouple.....	JVT	10469501	Tile cover, MiniTherm II.....	50
Q0068400	Pilot gas tubing (sold per foot).....	all	10469502	Tile cover, MiniTherm II.....	75
R0409701	JVS rem. sense w/burner cover repl, hi alt.....	50	10469503	Tile cover, MiniTherm II.....	100
R0409702	JVS rem. sense w/burner cover repl, hi alt.....	75	10469504	Tile cover, MiniTherm II.....	125
R0409703	JVS rem. sense w/burner cover repl, hi alt.....	100	10469505	Tile cover, MiniTherm II.....	160
R0409704	JVS rem. sense w/burner cover repl, hi alt.....	125	10469506	Tile cover, MiniTherm II.....	225
R0409705	JVS rem. sense w/burner cover repl, hi alt.....	160	T0027200	Refractory blanket (sold by sq. ft.).....	all
R0409706	JVS rem. sense w/burner cover repl, hi alt.....	225	T0027300	Insulation (sold by sq. ft.).....	all
L0055900	Air shutter, propane.....	all	10472500	Weld manifold support, right, MiniTherm II.....	all
L0056500	Burner with pilot bracket assembly.....	all			
10562300	Anti-rotation bracket.....	all			

**Rev 1 boilers have 10-digit model numbers
 Rev 2 boilers have 12-digit model numbers that end in "U2"

Mini-Therm Models JVS & JVT (Cont.)

Part No.	Description	Size	Part No.	Description	Size
10472600	Weld manifold support, left, MiniTherm II.....	all	11020205	Rear panel, MiniTherm II.....	160
10485301	Baffle.....	50	11020206	Rear panel, MiniTherm II.....	225
10485302	Baffle.....	75	10466702	Non-combustible base.....	100-125
10485303	Baffle.....	100	10466704	Non-combustible base.....	225
10485304	Baffle.....	125	10467101	Base assembly.....	50
10485305	Baffle.....	160	10467102	Base assembly.....	75
10485306	Baffle.....	225	10467103	Base assembly.....	100
20034901	Flue collector, MiniTherm II.....	50	10467104	Base assembly.....	125
20034902	Flue collector, MiniTherm II.....	75	10467105	Base assembly.....	160
20034903	Flue collector, MiniTherm II.....	100	10467106	Base assembly.....	225
20034904	Flue collector, MiniTherm II.....	125			
20034905	Flue collector, MiniTherm II.....	160			
20034906	Flue collector, MiniTherm II.....	225			
20069101	Burner cover.....	50-75			
20069102	Burner cover.....	100-125			
20069105	Burner cover.....	160			
20069106	Burner cover.....	225			
T0021701	Rear tile.....	50			
T0021702	Rear tile.....	75			
T0021703	Rear tile.....	100			
T0021704	Rear tile.....	125			
T0021705	Rear tile.....	160			
T0021706	Rear tile.....	225			
T0022001	Front tile.....	50			
T0022002	Front tile.....	75			
T0022003	Front tile.....	100			
T0022004	Front tile.....	125			
T0022605	Front tile.....	160			
T0022606	Front tile.....	225			
JACKET / BASE COMPONENTS			JACKET / BASE COMPONENTS		
"Round corner" Jacket components - 2004 and later			"Square corner" Jacket components - before 2004		
<i>Some parts are limited to stock on hand</i>					
10500601	Burner cover, MiniTherm II.....	50	10470101	Gas closure, left & right, MiniTherm I.....	50/100
10500602	Burner cover, MiniTherm II.....	75	10470102	Gas closure, left & right, MiniTherm I.....	75/125-225
10500603	Burner cover, MiniTherm II.....	100	10470301	Flue collector, MiniTherm I.....	50
10500604	Burner cover, MiniTherm II.....	125	10470302	Flue collector, MiniTherm I.....	75
10494105	Burner cover, MiniTherm II.....	160	10470303	Flue collector, MiniTherm I.....	100
10494106	Burner cover, MiniTherm II.....	225	10470304	Flue collector, MiniTherm I.....	125
11019401	Top panel, MiniTherm II.....	50	10470305	Flue collector, MiniTherm I.....	160
11019402	Top panel, MiniTherm II.....	75	10470306	Flue collector, MiniTherm I.....	225
11019403	Top panel, MiniTherm II.....	100	10484606	Heat shield front panel.....	all
11019404	Top panel, MiniTherm II.....	125	10535900	Access panel, heat exchanger.....	all
11019405	Top panel, MiniTherm II.....	160	20034801	Draft diverter, square corner jacket.....	50
11019406	Top panel, MiniTherm II.....	225	20034802	Draft diverter, square corner jacket.....	75
R11020101	Draft diverter, MiniTherm II.....	50	20034803	Draft diverter, square corner jacket.....	100
R11020102	Draft diverter, MiniTherm II.....	75	20034804	Draft diverter, square corner jacket.....	125
R11020103	Draft diverter, MiniTherm II.....	100	20034805	Draft diverter, square corner jacket.....	160
R11020104	Draft diverter, MiniTherm II.....	125	20034806	Draft diverter, square corner jacket.....	225
R11020105	Draft diverter, MiniTherm II.....	160	20086800	Base, control box, MiniTherm II.....	50-75
R11020106	Draft diverter, MiniTherm II.....	225	20087100	Control box cover, MiniTherm II.....	all
RE2071501	Vent damper, 4".....	50	20099801	Rear panel, sq corner jacket, MiniTherm II.....	50
RE2071502	Vent damper, 5".....	75-100	20099802	Rear panel, sq corner jacket, MiniTherm II.....	75
RE2071503	Vent damper, 6".....	125-160	20099803	Rear panel, sq corner jacket, MiniTherm II.....	100
RE2071504	Vent damper, 7".....	225	20099804	Rear panel, sq corner jacket, MiniTherm II.....	125
11045801	Cover, control panel, MiniTherm II.....	50-75	20099805	Rear panel, sq corner jacket, MiniTherm II.....	160
11045802	Cover, control panel, MiniTherm II.....	100-225	20099806	Rear panel, sq corner jacket, MiniTherm II.....	225
11045901	Cover, control panel, rev 2**.....	all	20052601	Drafthood, MiniTherm I (mushroom top).....	50
11047603	Cover, top, piping, MiniTherm II.....	50/100	20052602	Drafthood, MiniTherm I (mushroom top).....	75-100
11047604	Cover, top, piping, MiniTherm II.....	75/125/160	20052603	Drafthood, MiniTherm I (mushroom top).....	125-160
11047606	Cover, top, piping, MiniTherm II.....	225	20052604	Drafthood, MiniTherm I (mushroom top).....	225
11020201	Rear panel, MiniTherm II.....	50/75	RE2071501	Vent damper, 4".....	50
11020203	Rear panel, MiniTherm II.....	100/125	RE2071502	Vent damper, 5".....	75-100
			RE2071503	Vent damper, 6".....	125-160
			RE2071504	Vent damper, 7".....	225
			10466702	Non-combustible base.....	100-125
			10466704	Non-combustible base.....	225
			10467101	Base assembly.....	50
			10467102	Base assembly.....	75
			10467103	Base assembly.....	100
			10467104	Base assembly.....	125
			10467105	Base assembly.....	160
			10467106	Base assembly.....	225
			POWER VENTERS		
			20020500	Power venter for up to 100-ft vent run.....	50-100
			20020601	Power venter for up to 100-ft vent run.....	125-160
			20020601	Power venter for up to 50-ft vent run.....	225
			20020602	Power venter for 51-100 ft vent run.....	225

** Rev 2 boilers have 12-digit model numbers that end in "U2"

Mini-Therm Models JVS & JVT (Cont.)

Part No.	Description	Size	Part No.	Description	Size
FUEL CONVERSION KITS			JVS NATURAL GAS TO PROPANE		
Includes gas orifices, pilot orifice, instructions and Honeywell valve conversions kits for single stage boilers only. For boilers equipped with Robertshaw valves or two stage gas valves, purchase appropriate gas valve separately. Note: For conversion of boilers from one fuel to another, at the same installation altitude.			R2000301	0-5000 ft.....	50
JVT NATURAL GAS TO PROPANE			R2000302	5001-8000 ft.....	50
R2000101	0-5000 ft.....	50	R2000303	8001-10,000 ft.....	50
R2000102	5001-8000 ft.....	50	R2000304	0-5000 ft.....	75
R2000103	8001-10,000 ft.....	50	R2000305	5001-8000 ft.....	75
R2000104	0-5000 ft.....	75	R2000306	8001-10,000 ft.....	75
R2000105	5001-8000 ft.....	75	R2000307	0-5000 ft.....	100
R2000106	8001-10,000 ft.....	75	R2000308	5001-8000 ft.....	100
R2000107	0-5000 ft.....	100	R2000309	8001-10,000 ft.....	100
R2000108	5001-8000 ft.....	100	R2000310	0-5000 ft.....	125
R2000109	8001-10,000 ft.....	100	R2000311	5001-8000 ft.....	125
R2000110	0-5000 ft.....	125	R2000312	8001-10,000 ft.....	125
R2000111	5001-8000 ft.....	125	R2000313	0-5000 ft.....	160
R2000112	8001-10,000 ft.....	125	R2000314	5001-8000 ft.....	160
R2000113	0-5000 ft.....	160	R2000315	8001-10,000 ft.....	160
R2000114	5001-8000 ft.....	160	R2000316	0-5000 ft.....	225
R2000115	8001-10,000 ft.....	160	R2000317	5001-8000 ft.....	225
R2000116	0-5000 ft.....	225	R2000318	8001-10,000 ft.....	225
R2000117	5001-8000 ft.....	225	JVS PROPANE TO NATURAL GAS		
R2000118	8001-10,000 ft.....	225	R2000401	0-2000 ft.....	50
JVT PROPANE TO NATURAL GAS			R2000402	2001-5000 ft.....	50
R2000201	0-2000 ft.....	50	R2000403	5001-8000 ft.....	50
R2000202	2001-5000 ft.....	50	R2000404	8001-10,000 ft.....	50
R2000203	5001-8000 ft.....	50	R2000405	0-2000 ft.....	75
R2000204	8001-10,000 ft.....	50	R2000406	2001-5000 ft.....	75
R2000205	0-2000 ft.....	75	R2000407	5001-8000 ft.....	75
R2000206	2001-5000 ft.....	75	R2000408	8001-10,000 ft.....	75
R2000207	5001-8000 ft.....	75	R2000409	0-2000 ft.....	100
R2000208	8001-10,000 ft.....	75	R2000410	2001-5000 ft.....	100
R2000209	0-2000 ft.....	100	R2000411	5001-8000 ft.....	100
R2000210	2001-5000 ft.....	100	R2000412	8001-10,000 ft.....	100
R2000211	5001-8000 ft.....	100	R2000413	0-2000 ft.....	125
R2000212	8001-10,000 ft.....	100	R2000415	5001-8000 ft.....	125
R2000213	0-2000 ft.....	125	R2000416	8001-10,000 ft.....	125
R2000214	2001-5000 ft.....	125	R2000417	0-2000 ft.....	160
R2000215	5001-8000 ft.....	125	R2000418	2001-5000 ft.....	160
R2000216	8001-10,000 ft.....	125	R2000419	5001-8000 ft.....	160
R2000217	0-2000 ft.....	160	R2000420	8001-10,000 ft.....	160
R2000218	2001-5000 ft.....	160	R2000421	0-2000 ft.....	225
R2000219	5001-8000 ft.....	160	R2000422	2001-5000 ft.....	225
R2000220	8001-10,000 ft.....	160	R2000423	5001-8000 ft.....	225
R2000221	0-2000 ft.....	225	R2000424	8001-10,000 ft.....	225
R2000222	2001-5000 ft.....	225			
R2000223	5001-8000 ft.....	225			
R2000224	8001-10,000 ft.....	225			

Mini-Therm JVH

Sizes 50,000 - 225,000 BTU/h

Part No.	Description	Model	Part No.	Description	Model
GAS / AIR COMPONENTS			ELECTRICAL / CONTROL COMPONENTS		
R0384700	Gas valve, natural.....	50-160	RE2344300	Temperature control, rev 2**.....	all
R0384800	Gas valve, propane.....	all	RE2347600	Sensor, water temp, rev 2**.....	all
RV2001900	Gas valve, natural.....	225	RE2347601	Sensor, water temp, with well, rev 2**.....	all
20401601	Burner tray assembly, Nat.....	50	E2347400	Sensor, outdoor temperature, rev 2**.....	all
20401602	Burner tray assembly, Nat.....	75	E2347500	Wire harness rev 2**.....	all
20401603	Burner tray assembly, Nat.....	100	E2345700	Well, immersion, 3/4" NPT, rev 2**.....	all
20401604	Burner tray assembly, Nat.....	125	E0088400	Relay, DPNO, 24V.....	all
20401605	Burner tray assembly, Nat.....	160	E0098500	Terminal strip.....	all
20401606	Burner tray assembly, Nat.....	225	R2081401	Transformer, 115/24V rev 1 (50VA).....	all
20402401	Burner tray assembly, Propane.....	50	R2081402	Transfrmr, 115/24V rev 2 before June 2017.....	all
20402402	Burner tray assembly, Propane.....	75	RE2074400	Transfrmr, 115/24V rev 2 June 2017 & after.....	all
20402403	Burner tray assembly, Propane.....	100	E2074501	Pressure switch, 0-5000 ft.....	50-100
20402404	Burner tray assembly, Propane.....	125	E2074502	Pressure switch, 0-5000 ft.....	125-160
20402405	Burner tray assembly, Propane.....	160	E2074503	Pressure switch, 0-5000 ft.....	225
20402406	Burner tray assembly, Propane.....	225	E2074504	Pressure switch, 5001-10,000 ft.....	50-100
L0032200	Gas orifice, Nat, 0-2000 ft.....	50-125	E2074505	Pressure switch, 5001-10,000 ft.....	125-160
L0032600	Gas orifice, Nat, 5001-8000 ft.....	50-125	E2074506	Pressure switch, 5001-10,000 ft.....	225
L0032600	Gas orifice, Nat, 2001-5000 ft.....	160-225	E2103200	Switch, roll-out.....	all
L0032700	Gas orifice, Propane, 8001-10,000 ft.....	50-225	R0061300	Temperature control / limit.....	all
L0032800	Gas orifice, Propane, 5001-8000 ft.....	50-225	R2069600	Blower.....	all
L0032900	Gas orifice, Propane, 0-5000 ft.....	50-225	R2072300	Harness, gas valve.....	all
L0050300	Gas orifice, Nat, 8001-10,000 ft.....	50-125	RE0084401	Fuse, 4 Amp 5-pack kit.....	all
L0050300	Gas orifice, Nat, 5001-8000 ft.....	160-225	E0025902	Well, immersion, 3/8" bulb.....	all
L0050400	Gas orifice, Nat, 2001-5000 ft.....	160-225	<i>**For boilers with 12-character model number and "U2" at the end</i>		
L0050700	Gas orifice, Nat, 2001-5000 ft.....	50-125	WATERWAY / HEAT EXCHANGER COMPONENTS		
L0050700	Gas orifice, Nat, 0-2000 ft.....	160-225	R0402007	Heat exchanger.....	50
L0052500	Burner, main.....	all	R0402008	Heat exchanger.....	75
L0052601	Gas manifold.....	50	R0402009	Heat exchanger.....	100
L0052602	Gas manifold.....	75	R0402010	Heat exchanger.....	125
L0052603	Gas manifold.....	100	R0402011	Heat exchanger.....	160
L0052604	Gas manifold.....	125	R0402012	Heat exchanger.....	225
L0052605	Gas manifold.....	160	2400-392	Gauge, temperature.....	all
L0052606	Gas manifold.....	225	A2000400	Gauge, temperature & pressure.....	all
RW2001800	Pilot assembly, hot surface, Natural.....	all	R0061400	Pressure relief valve, 30psi.....	all
RW2001900	Pilot assembly, hot surface, Propane.....	all	R10-143	Drain valve.....	all
Q0068400	Pilot gas tubing (sold per foot).....	all	COMBUSTION CHAMBER COMPONENTS		
L0056500	Burner with pilot bracket.....	all	10469501	Tile cover.....	50
L0055900	Air shutter, propane.....	all	10469502	Tile cover.....	75
20404614	Orifice plate, Nat & LP, 0-5000 ft.....	50	10469503	Tile cover.....	100
20404602	Orifice plate, Nat, 5001-10,000 ft.....	50	10469504	Tile cover.....	125
20404613	Orifice plate, LP, 5001-10,000 ft.....	50	10469505	Tile cover.....	160
20404615	Orifice plate, Nat & LP, 0-5000 ft.....	75	10469506	Tile cover.....	225
20404602	Orifice plate, LP, 5001-10,000 ft.....	75	10485301	Heat exchanger baffle.....	50
20404603	Orifice plate, Nat, 5001-10,000 ft.....	75	10485302	Heat exchanger baffle.....	75
20404611	Orifice plate, Nat & LP, 0-5000 ft.....	100	10485303	Heat exchanger baffle.....	100
20404604	Orifice plate, Nat, 5000-10,000 ft.....	100	10485304	Heat exchanger baffle.....	125
20404611	Orifice plate, LP, 5000-10,000 ft.....	100	10485305	Heat exchanger baffle.....	160
20404604	Orifice plate, Nat, 0-5000 ft.....	125	10485306	Heat exchanger baffle.....	225
20404605	Orifice plate, LP, 0-5000 ft.....	125	20403001	Burner tray weldment.....	50
20404605	Orifice plate, Nat, 5001-10,000 ft.....	125	20403002	Burner tray weldment.....	75
20404604	Orifice plate, LP, 5001-10,000 ft.....	125	20403003	Burner tray weldment.....	100
20404616	Orifice plate, Nat, 0-5000 ft.....	160	20403004	Burner tray weldment.....	125
20404607	Orifice plate, LP, 0-5000 ft.....	160	20403005	Burner tray weldment.....	160
20404606	Orifice plate, Nat & LP, 5001-10,000 ft.....	160	20403006	Burner tray weldment.....	225
20404609	Orifice plate, Nat, 0-5000 ft.....	225	F2007001	Securement cable.....	50
20404610	Orifice plate, LP, 0-5000 ft.....	225	F2007002	Securement cable.....	75
20404608	Orifice plate, Nat, 5001-10,000 ft.....	225	F2007003	Securement cable.....	100
20404612	Orifice plate, LP, 5001-10,000 ft.....	225	F2007004	Securement cable.....	125
D2004201	Transition 4" without damper.....	all	F2007005	Securement cable.....	160

List Prices. All Products.

Mini-Therm Model JVH (Cont.)

Part No.	Description	Size	Part No.	Description	Size
F2007006	Securement cable.....	225	R2000507	0-5000 ft.....	100
20403901	Flue collector weldment.....	50	R2000508	5001-8000 ft.....	100
20403902	Flue collector weldment.....	75	R2000509	8001-10,000 ft.....	100
20403903	Flue collector weldment.....	100	R2000510	0-5000 ft.....	125
20403904	Flue collector weldment.....	125	R2000511	5001-8000 ft.....	125
20403905	Flue collector weldment.....	160	R2000512	8001-10,000 ft.....	125
20403906	Flue collector weldment.....	225	R2000513	0-5000 ft.....	160
T2007701	Tile, refractory, front.....	50	R2000514	5001-8000 ft.....	160
T2007702	Tile, refractory, front.....	75	R2000515	8001-10,000 ft.....	160
T2007703	Tile, refractory, front.....	100	R2000516	0-5000 ft.....	225
T2007704	Tile, refractory, front.....	125	R2000517	5001-8000 ft.....	225
T2007705	Tile, refractory, front.....	160	R2000518	8001-10,000 ft.....	225
T2007706	Tile, refractory, front.....	225	JVH PROPANE TO NATURAL GAS		
T2007801	Tile, refractory, rear.....	50	R2000601	0-2000 ft.....	50
T2007802	Tile, refractory, rear.....	75	R2000602	2001-5000 ft.....	50
T2007803	Tile, refractory, rear.....	100	R2000603	5001-8000 ft.....	50
T2007804	Tile, refractory, rear.....	125	R2000604	8001-10,000 ft.....	50
T2007805	Tile, refractory, rear.....	160	R2000605	0-2000 ft.....	75
T2007806	Tile, refractory, rear.....	225	R2000606	2001-5000 ft.....	75
JACKET / BASE COMPONENTS			R2000607	5001-8000 ft.....	75
11027901	Jacket, round corner, (sides and back).....	50-75	R2000608	8001-10,000 ft.....	75
11027903	Jacket, round corner, (sides and back).....	100-125	R2000609	0-2000 ft.....	100
11027905	Jacket, round corner, (sides and back).....	160	R2000610	2001-5000 ft.....	100
11027906	Jacket, round corner, (sides and back).....	225	R2000611	5001-8000 ft.....	100
11028301	Front panel, round corner.....	50-75	R2000612	8001-10,000 ft.....	100
11028303	Front panel, round corner.....	100-125	R2000613	0-2000 ft.....	125
11028305	Front panel, round corner.....	160	R2000614	2001-5000 ft.....	125
11028306	Front panel, round corner.....	225	R2000615	5001-8000 ft.....	125
11028401	Top, front section, round corner.....	50	R2000616	8001-10,000 ft.....	125
11028402	Top, front section, round corner.....	75	R2000617	0-2000 ft.....	160
11028403	Top, front section, round corner.....	100	R2000618	2001-5000 ft.....	160
11028404	Top, front section, round corner.....	125	R2000619	5001-10,000 ft.....	160
11028405	Top, front section, round corner.....	160	R2000620	0-2000 ft.....	225
11028406	Top, front section, round corner.....	225	R2000621	2001-5000 ft.....	225
11028501	Top, rear section, round corner.....	50-75	R2000622	5001-10,000 ft.....	225
11028503	Top, rear section, round corner.....	100-125	FLUE OUTLET CONVERSION - Eliminates "flapper" damper in transition, includes transition, air orifice plate and sealant		
11028505	Top, rear section, round corner.....	160	0-5000 ft.		
11028506	Top, rear section, round corner.....	225	R0394901	Flue outlet replacement kit, Nat/LP.....	50
11047601	Top, piping section, round corner.....	50 & 100	R0394902	Flue outlet replacement kit, Nat/LP.....	75
11047602	Top, piping section, round corner.....	75,125-225	R0394903	Flue outlet replacement kit, Nat/LP.....	100
20400701	Base weldment.....	50	R0394904	Flue outlet replacement kit, Nat.....	125
20400702	Base weldment.....	75	R0394906	Flue outlet replacement kit, Nat.....	160
20400703	Base weldment.....	100	R0394907	Flue outlet replacement kit, LP.....	160
20400704	Base weldment.....	125	R0394908	Flue outlet replacement kit, Nat.....	225
20400705	Base weldment.....	160	R0394909	Flue outlet replacement kit, LP.....	225
20400706	Base weldment.....	225	5001-10,000 ft.		
20403301	Burner cover.....	50	R0394910	Flue outlet replacement kit, Nat.....	50
20403302	Burner cover.....	75	R0394911	Flue outlet replacement kit, LP.....	50
20403303	Burner cover.....	100	R0394912	Flue outlet replacement kit, Nat.....	75
20403304	Burner cover.....	125	R0394913	Flue outlet replacement kit, LP.....	75
20403305	Burner cover.....	160	R0394914	Flue outlet replacement kit, Nat.....	100
20403306	Burner cover.....	225	R0394915	Flue outlet replacement kit, LP.....	100
11045901	Control panel cover.....	all	R0394916	Flue outlet replacement kit, Nat.....	125
FUEL CONVERSION KITS			R0394917	Flue outlet replacement kit, LP.....	125
Note: For converting boilers fuels at the same altitude					
JVH NATURAL GAS TO PROPANE					
R2000501	0-5000 ft.....	50	R0394918	Flue outlet replacement kit, Nat/LP.....	160
R2000502	5001-8000 ft.....	50	R0394919	Flue outlet replacement kit, Nat.....	225
R2000503	8001-10,000 ft.....	50	R0394920	Flue outlet replacement kit, LP.....	225
R2000504	0-5000 ft.....	75	ACCESSORIES		
R2000505	5001-8000 ft.....	75	D2000401	Vent terminal, 6".....	all
R2000506	8001-10,000 ft.....	75	D2004300	Vent terminal, 4".....	all

Mini-Combo MCT, MCS, MCH

Part No.	Description	Model	Part No.	Description	Model
<i>These parts are unique to Mini-Combo units</i> <i>Other parts can be found in the MiniTherm listings</i>			P0025300	Nipple, brass, 3/4"NPT x 2".....	all
			P0029400	Tee, 1" x 1" x 3/4" black.....	MCH
			P2014800	Fitting, 7/8O.D. x 3/4" NPT.....	all
			P2015400	Tee, black, 1 1/4" x 1 1/4" x 3/4" NPT.....	MCS, MCT
			P2016900	Elbow, black 90°, 3/4" x 1" NPT.....	all
ELECTRICAL / CONTROL COMPONENTS					
R2006600	Temperature control sensor probe.....	all			
WATERWAY COMPONENTS					
11-088	Elbow, street, NPT.....	all			
A0066500	Pump, 1/25 hp.....	all			
A2085400	Relief valve.....	all			
A2085600	Check valve, 3/4" NPT.....	all			
A2085700	Drain valve, tank.....	all			
A2085900	Immersion well.....	MCH			
A2086700	Flange, 3" NPT.....	all			
P0008300	Elbow, black 90°, 3/4" NPT.....	all			
P0014100	Nipple, 3/4" x close.....	all			
P0014400	Nipple, black.....	MCH			
P0014500	Nipple, black, 3/4" NPT x 3".....	MCS, MCT			
P0015100	Nipple, 1 1/4" x close.....	all			
JACKET COMPONENTS					
			20084000	Mounting bracket.....	MCS, MCT
			20085400	Tank support bracket.....	MCH
			20085600	Top panel assembly.....	all
			20085700	Base panel assembly.....	all
			20085900	Rear panel.....	all
			20086300	Door panel assembly.....	all
			20086400	Right side panel.....	all
			20086500	Access panel.....	all
			20087300	Door latch assembly.....	all
			20127900	Left side panel.....	all
			A2087600	Door handle.....	all

Laars-Stor LS-SW, LS-DW, LS-RTV

Part No.	Description & Model	Size	Part No.	Description & Model	Size
243-44416-00	Aquastat SW & RTV.....	all	224-38508-08	Anode (aluminum) RTV S/N JG16892040 & after.....	40-75
233-43315-00	Aquastat well SW & RTV.....	all	224-48138-00	Anode (magnesium) RTV.....	120
415-42351-02	Drain valve SW & DW.....	all	224-49559-04*	Anode (A420).....	all
227-49556-02	Drain valve RTV.....	all	* A420 anode may need to be cut to length		
230-40594-02	T&P relief valve SW.....	30-120L	229-51230-02	Cold water inlet dip tube SW.....	30
230-33630-04	T&P relief valve SW.....	65-120C	229-51230-03	Cold water inlet dip tube SW.....	40
230-40594-02	T&P relief valve DW.....	all	229-51230-06	Cold water inlet dip tube SW.....	50
230-40594-02	T&P relief valve RTV.....	40	415-51230-10	Cold water inlet dip tube SW.....	65-80L
230-32920-01	T&P relief valve RTV.....	52-75	229-43632-04	Cold water inlet dip tube SW.....	120
230-32920-04	T&P relief valve RTV.....	120	229-43632-01	Cold water inlet dip tube SW.....	65-80C
224-38508-07	Anode (aluminum) SW.....	30-50	229-51230-16	Cold water inlet dip tube DW.....	40
224-38508-07	Anode (aluminum) SW.....	65-120	229-51230-06	Cold water inlet dip tube DW.....	50
224-38508-07	Anode (aluminum) DW.....	40-80	229-51230-13	Cold water inlet dip tube DW.....	65-80

Mark II Models H, HW & HP

Part No.	Description	Size	Part No.	Description	Size
1-036	Coil gasket.....	all	2400-012	Control board (before s/n x91-1319).....	all
1-448	Plastic tee.....	all	2400-016	Low limit switch, strap-on (pre-M2).....	all
2400-001	Blower gaskets (box of 20).....	all	2400-018	Op ctrl, strap-on (x84-001-x91-1318).....	all
2400-002	Blower with gaskets.....	all	2400-020	Thermal cut out (TCO) x84-001 - x91-1318.....	all
2400-003	Plastic impeller fan, for blower.....	all	2400-024	Safety high limit, 240°F (for high altitude).....	all
2400-014	Gas valve, negative pressure.....	all	2400-056	Op ctrl 200°F, HW M2 (x91-1319 and after).....	all
2400-026	Gas balance line.....	all	2400-057	Operating control 185°F, H(P) M2.....	all
2400-028	Bleed line (petcock & tube assy).....	all	2400-062	Time delay relay for H & HP M2.....	all
2400-040	Flameholder (burner) with gaskets.....	all	2400-106	Pressure diff switch (after s/n x94-905).....	all
2400-042	Ignitor gaskets (box of 10).....	all	2400-110	Stack sw, blower prove (after x84-001).....	all
2400-046	Ignitor with gasket.....	all	2400-224	Control board for M2 (x91-1319 & after).....	all
2400-052	Insulation for comb chamber coil (top)	all	2400-226	Low limit, strap-on, HW M2.....	all
2400-320	Gasket kit.....	all	2400-228	Press sw for M2, round (x91-1319 & after).....	all
2400-118	Orifice kit, natural.....	130	2400-032	Comb chamber coil assy before x91-1319.....	all
2400-120	Orifice kit, propane.....	130	2400-004	Circulator w/ diff press switch, w/ gaskets.....	all
2400-122	Orifice kit, natural.....	100	2400-005	Circulator with gaskets.....	all
2400-124	Orifice kit, propane.....	100	2400-029	Thermostat and o-ring for 1 1/4" union.....	all
2400-006	Transformer, 40 VA.....	all	2400-112	Pressure relief valve, 30 psi, ASME.....	all
2400-008	R-1 relay, 8 terminals (before x91-1319).....	all	2400-114	Gauge, pressure/temp, back mount.....	all
2400-010	R-2 / R-3 relay, 4 terms (x91-1319 & after).....	all	2400-236	High vent, float type.....	all

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
0		10582203	178.25	12H4010	65.65	2C3621	71.76
05P7400	576.77	10582204	161.66	12H4011	199.64	2C3622	83.94
1		10582205	178.25	12H4012	133.40	2C3623	90.54
1-036	10.94	10582206	190.02	12H4019	32.51	2C3700	104.54
1-448	4.14	10582207	185.05	12H4022	3.48	2C3800	318.06
1-580	26.15	10582208	175.78	12H5002	12.77	2C4001	130.53
10-103	3.31	11-088	14.76	12H5500	124.74	2C4002	28.12
10-332	14.61	11019401	65.57	12H5501	5.48	2C4103	228.82
10-596	4.90	11019402	65.57	12H7002	148.18	2C5000	180.52
10X1000	622.63	11019403	71.73	12H7003	148.18	2C7002	50.91
10X2012	46.80	11019404	71.73	12H7004	66.55	2C7003	48.46
10X2020	26.61	11019405	79.33	12H7005	9.64	2C7004	22.79
10X3019	132.02	11019406	91.01	12H7008	14.58	2C7005	24.31
10X3031	60.50	11020201	61.99	12H7010	347.33	2F3000	1963.98
10X3037	93.96	11020203	66.24	12P2065	18.67	2F3019	93.92
10X5004	52.32	11020205	91.16	12P3004	112.13	2F3020	2192.30
10X6001	88.62	11020206	91.16	12P3005	293.24	2F4122	717.45
10338600	24.01	11027901	235.21	12P3006	168.04	2F7001	110.42
10449514	19.97	11027903	245.84	12P7015	112.13	2F7002	106.00
10449515	22.00	11027905	256.17	12P7400	600.77	20X1000	795.82
10466702	263.47	11027906	271.67	12X1000	665.34	20X2012	48.30
10466704	321.34	11028301	70.19	12X2012	47.10	20X2020	33.21
10467101	405.98	11028303	76.27	12X2020	28.26	20X3019	168.92
10467102	414.79	11028305	82.66	12X3019	141.26	20X3037	124.16
10467103	427.26	11028306	95.11	12X3031	62.86	20X5004	57.96
10467104	428.78	11028401	102.10	12X3037	101.46	20X6001	139.27
10467105	459.47	11028402	102.10	12X5004	53.74	20020500	2728.81
10467106	491.36	11028403	108.49	12X6001	94.91	20020601	2798.10
10469501	10.56	11028404	108.49	15X1000	708.06	20020602	3452.04
10469502	11.64	11028405	116.69	15X2012	47.41	20034801	347.94
10469503	12.74	11028406	128.54	15X2020	29.90	20034802	352.51
10469504	13.83	11028501	64.73	15X3019	150.50	20034803	368.30
10469505	15.99	11028503	67.16	15X3031	65.22	20034804	382.28
10469506	19.24	11028505	72.32	15X3037	108.98	20034805	392.30
10470101	28.10	11028506	80.23	15X5004	55.15	20034806	436.32
10470102	26.89	11045801	63.50	15X6001	118.79	20034901	99.35
10470301	195.10	11045802	63.82	17P7400	576.77	20034902	104.91
10470302	200.39	11045901	54.18	2		20034903	114.36
10470303	203.81	11047601	33.00	2C1000	522.67	20034904	120.05
10470304	213.38	11047602	30.39	2C2001	177.47	20034905	127.84
10470305	222.23	11047603	34.65	2C2002	76.58	20034906	182.28
10470306	240.86	11047604	32.41	2C2006	151.36	20052601	446.39
10472500	27.93	11047606	30.96	2C2008	69.90	20052602	402.18
10472600	33.43	12H2500	31.01	2C2009	41.91	20052603	555.19
10484606	73.88	12H3001	457.87	2C2015	50.14	20052604	612.01
10485301	10.02	12H3004	1060.02	2C2016	50.14	20069101	130.67
10485302	10.34	12H3005	349.46	2C2017	32.04	20069102	130.67
10485303	10.64	12H3006	3.95	2C2018	3.65	20069105	143.44
10485304	10.61	12H3007	25.53	2C2019	46.38	20069106	151.02
10485305	11.03	12H3009	16.41	2C2023	176.56	20071500	58.96
10485306	12.44	12H3010	38.89	2C2100	121.85	20084000	57.36
10494105	112.44	12H3011	218.51	2C2201	208.37	20085400	20.97
10494106	118.52	12H3012	14.89	2C2300	159.54	20085600	667.44
10500601	99.68	12H3015	164.40	2C2500	188.40	20085700	626.60
10500602	128.78	12H3016	38.89	2C2601	208.37	20085900	197.93
10500603	131.10	12H3017	56.69	2C3010	41.33	20086300	361.65
10500604	131.10	12H3018	154.50	2C3016	102.39	20086400	282.21
10535900	66.85	12H3019	154.50	2C3021	163.79	20086500	83.12
10562300	48.63	12H3020	66.24	2C3220	190.53	20086800	99.37
10582200	179.88	12H3023	8.52	2C3420	161.97	20087100	65.94
10582201	192.48	12H3025	1060.02	2C3520	161.97	20087300	16.84
10582202	161.66	12H4001	457.81	2C3620	88.14	20099801	64.55
		12H4006	75.48			20099802	64.55

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Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
20099803	75.01	229-43632-04	77.49	2400-411	138.48	3C2006	181.74
20099804	75.01	229-51230-02	72.64	2400-412	353.10	3C2008	73.55
20099805	91.16	229-51230-03	107.72	2400-413	138.48	3C2009	50.98
20099806	105.75	229-51230-06	69.18	2400-416	284.45	3C2017	44.32
20127900	419.22	229-51230-13	113.11	2400-418	479.52	3C2019	53.01
20129300	10.64	229-51230-16	69.18	2400-419	375.59	3C2023	210.28
20400701	381.68	230-32920-01	63.67	2400-420	436.40	3C2100	122.77
20400702	381.68	230-32920-04	82.95	2400-421	430.29	3C3021	188.44
20400703	402.02	230-33630-04	260.13	2400-422	349.46	3C3220	199.96
20400704	402.02	230-40594-02	70.93	2400-423	312.08	3C3702	63.07
20400705	427.56	233-43315-00	107.57	2400-424	551.89	3C7002	64.53
20400706	457.03	2400-001	210.30	2400-425	531.95	3F3000	2046.38
20401601	2017.65	2400-002	1510.88	2400-426	124.01	3F3019	105.11
20401602	2057.41	2400-003	48.92	2400-428	701.81	3F3020	2304.39
20401603	2103.47	2400-004	1067.83	2400-433	399.64	30-188	3.31
20401604	2134.63	2400-005	450.95	2400-435	454.73	30-192	14.61
20401605	2229.57	2400-006	190.24	2400-437	54.50	30-205	6.99
20401606	2708.61	2400-008	105.53	2400-441	607.75	30-251	39.82
20402401	1959.99	2400-010	182.33	2400-442	393.21	30-253	22.70
20402402	2007.25	2400-012	388.05	2400-443	282.29	30-310	459.82
20402403	2061.73	2400-014	550.02	2400-444	282.29	30-616	14.61
20402404	2101.10	2400-016	158.93	2400-445	190.53	30-677	19.66
20402405	2214.38	2400-018	136.44	2400-446	148.90	30-678	62.98
20402406	2359.22	2400-020	236.42	2400-448	361.00	30D3311	117.60
20403001	278.66	2400-024	174.73	2400-451	337.31	30D3312	172.29
20403002	281.39	2400-026	106.72	2400-452	208.37	30D3313	102.10
20403003	290.51	2400-028	138.57	2400-506	266.20	30D3314	153.16
20403004	293.24	2400-029	77.49	2400-508	58.96	31-325	106.96
20403005	330.99	2400-032	4219.03	2400-510	4216.59	36-010	174.07
20403006	368.72	2400-040	271.67	2400-512	4877.83	36-028	22.79
20403301	55.31	2400-042	53.78	2400-514	72.02	36-288	3.31
20403302	55.31	2400-046	124.29	2400-516	372.86	36-640	261.10
20403303	59.56	2400-052	121.67	2400-518	378.33	36-641	116.07
20403304	59.56	2400-056	99.68	2400-522	100.05	36-642	116.07
20403305	65.33	2400-057	133.40	2400-524	871.22	36-643	311.35
20403306	73.85	2400-062	97.86	2400-526	262.25		
20403901	211.50	2400-106	545.46	2400-528	21.53		
20403902	214.84	2400-110	117.21	2400-530	42.43		
20403903	215.76	2400-112	135.68	2400-538	535.74	4C1000	717.73
20403904	216.67	2400-114	120.34	2400-539	313.30	4C2001	318.63
20403905	219.09	2400-118	209.98	2400-540	79.92	4C2006	221.69
20403906	234.34	2400-120	213.63	2400-546	763.63	4C2008	77.79
20404602	8.76	2400-122	209.98	2400-548	401.43	4C2009	61.55
20404603	8.76	2400-124	213.63	2400-550	139.74	4C2017	57.86
20404604	8.76	2400-141	140.99	2400-552	196.61	4C2019	61.60
20404605	8.76	2400-142	494.97	2400-556	179.29	4C2023	243.97
20404606	8.76	2400-145	336.45	2400-562	305.63	4C2100	123.68
20404607	8.76	2400-146	224.27	2400-566	80.93	4C3021	220.88
20404608	8.76	2400-152	1163.85	2400-568	150.12	4C3220	231.25
20404609	8.76	2400-153	1090.01	2400-570	601.37	4C3700	106.67
20404610	8.76	2400-224	556.22	2400-572	78.09	4C7002	80.40
20404611	8.76	2400-226	158.93	2400-574	165.31	4F3000	2154.46
20404612	8.76	2400-228	134.93	2400-586	1704.15	4F3019	118.15
20404613	8.76	2400-236	69.28	2400-590	136.75	4F3020	2412.48
20404614	8.76	2400-277	156.20	2400-592	421.79	40-010	133.42
20404615	8.76	2400-320	97.86	2400-593	3873.82	40-014	905.33
20404616	8.76	2400-386	1065.70	2400-594	4547.99	40-250	382.34
224-38508-07	105.44	2400-388	1369.88	2400-594	4547.99	40-301	344.55
224-38508-08	61.38	2400-392	66.24	2400-650	1388.73	40-302	157.99
224-48138-00	512.35	2400-407	291.99	243-44416-00	280.56	40-303	131.04
224-49559-04	125.20	2400-408	247.41			40-304	247.02
227-49556-02	95.11	2400-409	221.16			40-310	122.17
229-43632-01	113.11	2400-410	130.06			40-678	64.32
						415-42351-02	45.32

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Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
415-48070-01	55.67	C		CA50D7182	1886.50	E2402700	72.63
415-51230-10	72.64	CA005400	83.00	CA50D7183	1886.50	E2402800	73.23
5		CA005500	192.75	D		E2402900	39.20
5X1000	536.79	CA005600	84.18	D2000401	754.24	E2403400	75.66
5X2012	46.20	CA006201	64.00	D2004201	41.94	E2404200	125.20
5X2020	23.35	CA006202	64.00	D2004300	702.26	E2407000	21.28
5X207201	62.91	CA006203	64.00	E		E2407200	64.73
5X207202	63.21	CA006204	64.00	E0000700	4.05	F	
5X3019	114.83	CA006205	64.00	E0025902	35.14	F0002100	3.31
5X3031	55.93	CA006206	27.00	E0088400	85.82	F0035900	3.31
5X3037	76.90	CA019400	221.00	E0098500	9.65	F0040800	3.31
5X5002	23.39	CA019501	1668.00	E0099100	45.48	F0046100	3.65
5X5004	50.75	CA019502	1668.00	E0099101	37.08	F0051400	3.31
5X6001	65.88	CA019600	647.00	E0101800	56.61	F2007001	3.48
50D7508	17.10	CA019901	83.00	E0102000	3.31	F2007002	3.48
50D7516	28.94	CA019902	83.00	E0180500	127.63	F2007003	3.76
500-168	3.48	CA019903	83.00	E0234201	121.85	F2007004	3.48
7		CA019904	83.00	E0253100	324.84	F2007005	3.76
7X1000	577.57	CA019905	93.00	E0253400	230.35	F2007006	3.95
7X2012	46.49	CA019906	93.00	E0253900	72.49	F2011600	3.31
7X2020	24.95	CA019907	93.00	E2039500	12.77	F2022300	33.23
7X3019	122.78	CA019908	93.00	E2074501	73.85	F2022400	3.31
7X3031	58.17	CA019909	102.00	E2074502	66.98	F2023700	3.31
7X3037	84.09	CA019910	102.00	E2074503	66.98	F2025000	3.31
7X5004	51.36	CA019911	102.00	E2074504	66.98	F2025502	9.43
7X6001	83.35	CA019912	102.00	E2074504	66.98	F2027500	3.95
8		CA019913	112.00	E2074505	66.98	F2027600	3.48
85D1005	66.85	CA019914	112.00	E2074506	66.98	F2027700	3.48
8D3327	78.09	CA019915	112.00	E2102800	362.45	F2028200	3.31
8D3328	71.72	CA019916	112.00	E2103200	28.94	F2029000	10.94
8D3329	84.48	CA019917	123.00	E2105600	113.04	FT1002	75.92
8D3330	79.32	CA019918	123.00	E2304800	125.20	FT1010	75.92
A		CA019919	123.00	E2318900	12.13	FT1013	30.42
A0063300	85.83	CA019920	123.00	E2324000	224.56	FT1015	63.82
A0066500	301.15	CA019921	133.00	E2324200	190.24	FT1020	40.93
A0076701	753.91	CA019922	133.00	E2327500	63.82	FT1021	40.93
A0076805	1274.54	CA019923	133.00	E2327700	10.02	FT1022	54.92
A0095605	866.06	CA019924	133.00	E2327900	4.25	FT1025	96.93
A2000400	75.24	CA020001	26.00	E2334500	34.03	FT1049	37.43
A2085400	60.18	CA020002	26.00	E2334501	15.20	FT1050	30.49
A2085600	204.82	CA020003	26.00	E2334502	14.29	FT1051	37.64
A2085700	33.74	CA020004	26.00	E2334900	39.20	FT1054	124.93
A2085900	91.47	CA020005	29.00	E2335000	10.02	FT1055	33.93
A2086700	26.74	CA020006	29.00	E2335100	10.02	FT1057	33.93
A2087600	14.89	CA020007	29.00	E2336500	32.51	FT1058	75.83
A2108100	21.88	CA020008	29.00	E2337400	230.35	FT1060	30.42
A2112300	176.24	CA020009	34.00	E2338600	75.37	FT1064	25.98
A2114400	1337.06	CA020010	34.00	E2343200	343.99	FT1069	40.93
A2117500	44.06	CA020011	34.00	E2345700	41.96	FT1070	225.00
A2117600	71.12	CA020012	34.00	E2347400	50.14	FT1071	173.91
A2117700	348.85	CA020013	38.00	E2347500	164.09	FT1072	99.79
A2120300	2971.91	CA020014	38.00	E2347700	111.22	FT1073	277.76
A2122004	533.61	CA020015	38.00	E2348100	47.13	FT1076	25.98
A2122400	752.70	CA020016	38.00	E2348700	258.90	FT1082	40.93
A2122500	853.90	CA020017	44.00	E2356800	191.45	FT1086	42.33
A2122600	719.58	CA020018	44.00	E2357000	33.12	FT1100	1069.94
A2123605	155.06	CA020019	44.00	E2357200	51.96	FT1107	33.93
A2123606	607.75	CA020020	44.00	E2357300	3.48	FT1108	33.93
A2136500	326.68	CA020021	53.00	E2357500	49.83	FT1109	40.93
		CA020022	53.00	E2357700	3.31	FT1111	40.93
		CA020023	53.00	E2402100	9.11	FT1112	47.92
		CA020024	53.00	E2402600	53.78	FT1114	40.93
		CA50D7181	1886.50				

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FT1115	138.97	FT1618	40.93	FT1852	1770.99	FT2029	46.87
FT1116	203.91	FT1635	51.42	FT1853	89.91	FT2030	36.73
FT1119	26.10	FT1638	47.92	FT1854	54.92	FT2031	78.72
FT1120	40.93	FT1643	26.30	FT1855	54.92	FT2032	27.31
FT1121	40.93	FT1644	26.30	FT1856	54.92	FT2033	33.00
FT1122	61.92	FT1645	26.30	FT1860	54.92	FT2034	96.93
FT1200	911.33	FT1646	26.30	FT1861	20.00	FT2036	28.30
FT1208	32.31	FT1661	30.42	FT1862	323.63	FT2038	358.58
FT1215	61.92	FT1665	75.92	FT1863	323.63	FT2039	174.83
FT1216	54.92	FT1669	33.93	FT1864	323.63	FT2040	47.92
FT1217	33.93	FT1672	515.37	FT1865	40.93	FT2041	60.87
FT1218	40.93	FT1685	25.98	FT1866	40.93	FT2043	39.18
FT1219	47.92	FT1687	25.98	FT1867	40.93	FT2044	36.00
FT1220	111.08	FT1691	25.98	FT1868	89.00	FT2047	60.78
FT1222	529.66	FT1708	43.02	FT1876	124.93	FT2050	196.31
FT1307	61.92	FT1710	3.58	FT1893	44.42	FT2053	231.56
FT1310	51.42	FT1719	25.98	FT1894	33.93	FT2064	54.22
FT1313	2079.74	FT1720	40.93	FT1903	150.47	FT2065	30.42
FT1314	123.68	FT1721	33.93	FT1904	148.58	FT2066	141.02
FT1315	63.82	FT1730	37.00	FT1905	150.47	FT2067	1926.57
FT1316	40.93	FT1758	2618.21	FT1906	150.47	FT2068	54.22
FT1321	124.93	FT1759	431.20	FT1915	37.17	FT2069	1087.28
FT1322	103.92	FT1760	58.42	FT1916	412.36	FT2070	48.63
FT1323	337.00	FT1764	60.51	FT1917	37.43	FT2071	86.42
FT1324	51.42	FT1765	236.90	FT1918	33.93	FT2072	56.31
FT1325	40.93	FT1767	509.60	FT1919	33.93	FT2073	801.63
FT1327	38.98	FT1768	103.92	FT1921	30.42	FT2084	126.33
FT1329	37.43	FT1770	51.42	FT1922	33.93	FT2085	40.93
FT1406	180.90	FT1771	30.42	FT1923	131.91	FT2087	79.41
FT1407	338.22	FT1772	30.42	FT1924	30.42	FT2094	64.37
FT1409	68.92	FT1773	47.92	FT1927	96.93	FT2096	439.10
FT1412N	54.92	FT1774	33.93	FT1928	75.92	FT2097	238.54
FT1412P	54.92	FT1775	271.90	FT1929	33.74	FT2098	101.13
FT1413	333.35	FT1777	33.93	FT1936	33.93	FT2099	360.71
FT1415	33.93	FT1779	33.93	FT1937	1087.28	FT2100	169.87
FT1416	201.92	FT1780	33.93	FT1938	836.57	FT2101	58.78
FT1419	271.90	FT1783	257.28	FT1939	30.42	FT2102	67.17
FT1500	443.96	FT1784	89.91	FT1946	54.92	FT2103	47.57
FT1501	103.92	FT1793	43.02	FT1947	54.92	FT2104	43.02
FT1506	47.92	FT1794	346.72	FT1948	54.92	FT2106	100.77
FT1513	33.93	FT1795	35.32	FT1949	131.91	FT2107	48.63
FT1515	33.93	FT1796	411.15	FT1950	326.68	FT2108	86.42
FT1516	33.93	FT1797	33.93	FT2000	60.51	FT2109	73.55
FT1518	56.31	FT1798	700.75	FT2002	59.81	FT2110	664.88
FT1520	25.98	FT1802	33.93	FT2004	421.79	FT2111	54.92
FT1522	54.92	FT1804	72.39	FT2005	143.73	FT2112	70.33
FT1523	33.93	FT1805	57.50	FT2006	429.38	FT2113	54.22
FT1524	26.30	FT1806	54.92	FT2007	35.67	FT2114	170.79
FT1527	54.92	FT1807	47.92	FT2008	85.72	FT2115	47.22
FT1528	30.42	FT1808	54.92	FT2009	33.93	FT2116	57.03
FT1529	40.93	FT1809	102.72	FT2010	89.91	FT2117	80.12
FT1530	37.43	FT1810	47.92	FT2011	85.34	FT2119	119.31
FT1535	40.93	FT1811	47.92	FT2012	51.42	FT2120	40.93
FT1538	33.93	FT1812	34.65	FT2013	1789.22	FT2121	60.51
FT1539	33.93	FT1813	30.42	FT2014	287.66	FT2122	67.17
FT1544	27.28	FT1821	33.93	FT2015	194.48	FT2123	47.57
FT1548	45.82	FT1822	47.92	FT2016	47.92	FT2124	45.12
FT1549	131.91	FT1823	96.93	FT2017	27.31	FT2128	63.33
FT1601	25.98	FT1824	40.93	FT2018	45.12	FT2129	40.93
FT1603	30.42	FT1826	70.80	FT2019	36.73	FT2130	252.83
FT1604	34.98	FT1827	40.93	FT2020	27.64	FT2131	1766.13
FT1606	37.43	FT1836	30.42	FT2021	724.07	FT2132	410.84
FT1609	30.42	FT1846	47.92	FT2022	36.00	FT2133	169.87

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FT3010	72.42	FT3075	79.41	FT3150	309.96	P0029400	26.31
FT3011	44.42	FT3076	72.42	FT3151	212.72	P0054900	17.63
FT3012	37.43	FT3077	72.42	FT3152	264.08	P2014800	24.93
FT3013	33.93	FT3078	33.93	FT3153	48.28	P2015400	40.11
FT3014	25.98	FT3079	82.92	FT3156	172.29	P2015900	6.08
FT3015	72.42	FT3080	54.92	FT3157	120.37	P2016900	17.58
FT3016	47.92	FT3081	93.43	FT3158	161.32	P2019500	41.63
FT3017	33.93	FT3082	65.43	FT3159	116.17	P2022100	41.19
FT3018	30.42	FT3083	72.42	FT3160	34.63	P2023801	177.77
FT3019	33.93	FT3084	40.93	FT3163	47.22	P2067603	19.75
FT3020	37.43	FT3085	30.42	FT3164	573.11	P2074500	28.88
FT3021	40.93	FT3086	111.04	FT3165	46.16	P2074600	57.89
FT3022	230.64	FT3087	68.92	FT3166	221.83	P2093100	17.92
FT3023	33.93	FT3088	65.43	FT3167	33.93	P2142900	26.94
FT3024	54.92	FT3089	25.98	FT3171	460.90		
FT3025	37.43	FT3090	117.92	FT3172	527.84	Q	
FT3026	54.92	FT3091	100.42	FT3176	26.65	Q0068400	13.27
FT3027	33.93	FT3092	25.98	FT3357	2592.45	Q2016900	34.73
FT3028	40.93	FT3093	2717.87				
FT3029	44.42	FT3094	442.74	L		R	
FT3030	40.93	FT3095	61.92	L0032200	16.64	R0021300	145.87
FT3031	37.43	FT3096	25.98	L0032600	14.06	R0050801	81.67
FT3032	40.93	FT3097	30.42	L0032700	14.06	R0059100	542.78
FT3033	40.93	FT3098	100.42	L0032800	14.06	R0060600	110.62
FT3035	326.37	FT3099	82.92	L0032900	14.06	R0061300	224.27
FT3037	37.43	FT3100	37.43	L0039000	51.22	R0061400	108.24
FT3038	519.03	FT3101	30.42	L0050300	14.06	R0061600	102.10
FT3039	44.42	FT3102	25.98	L0050400	14.06	R0384700	1228.68
FT3040	25.98	FT3104	184.15	L0050700	14.06	R0384800	1161.08
FT3041	25.98	FT3105	82.92	L0052500	27.05	R0385000	611.19
FT3042	25.98	FT3106	238.54	L0052601	60.78	R0385100	326.06
FT3043	25.98	FT3107	37.43	L0052602	60.78	R0394901	103.32
FT3044	25.98	FT3108	238.54	L0052603	60.78	R0394902	103.32
FT3045	25.98	FT3109	37.43	L0052604	75.98	R0394903	103.32
FT3046	539.39	FT3110	33.93	L0052605	75.98	R0394904	103.32
FT3047	93.43	FT3111	47.92	L0052606	75.98	R0394906	103.32
FT3048	82.92	FT3112	40.93	L0055900	8.52	R0394907	103.32
FT3049	584.36	FT3113	51.42	L0056500	45.73	R0394908	103.32
FT3050	519.03	FT3114	40.93	L0062900	9.72	R0394909	103.32
FT3051	82.92	FT3115	25.98	L0063000	19.15	R0394910	103.32
FT3052	75.92	FT3116	25.98	L0063300	83.86	R0394911	103.32
FT3053	135.42	FT3117	86.42	L0063402	131.27	R0394912	103.32
FT3054	79.41	FT3118	96.93	L0063403	160.74	R0394913	103.32
FT3055	40.93	FT3119	44.42	L0063404	131.27	R0394914	103.32
FT3056	26.30	FT3120	33.93	L0063405	172.29	R0394915	103.32
FT3057	251.00	FT3121	47.92	L0063413	160.74	R0394916	103.32
FT3058	124.93	FT3122	40.93	L0063414	172.29	R0394917	103.32
FT3059	107.42	FT3123	40.93	L0063416	168.96	R0394918	103.32
FT3060	111.04	FT3124	251.00	L0063418	197.82	R0394919	103.32
FT3061	75.92	FT3127	61.92	L0063702	127.32	R0394920	103.32
FT3062	26.30	FT3128	288.07	L0063703	148.60	R0402001	2584.18
FT3063	205.12	FT3129	230.64	L0063704	157.11	R0402002	2666.82
FT3064	89.91	FT3136	36.73			R0402003	2751.90
FT3065	107.42	FT3137	40.93	P		R0402004	2834.56
FT3066	72.42	FT3138	40.56	P0008300	10.34	R0402005	3255.14
FT3067	65.43	FT3139	35.67	P0014100	5.48	R0402006	3572.37
FT3068	54.92	FT3143	132.62	P0014400	6.38	R0402007	2546.49
FT3069	86.42	FT3144	89.91	P0014500	6.11	R0402008	2579.31
FT3070	79.41	FT3145	229.44	P0015100	8.68	R0402009	2661.96
FT3071	96.93	FT3146	120.37	P0019100	14.76	R0402010	2744.62
FT3072	68.92	FT3147	229.44	P0025300	23.44	R0402011	3162.76
FT3073	65.43	FT3148	122.12	P0026800	8.38	R0402012	3534.69
FT3074	111.04	FT3149	60.51	P0026900	16.37	R0407700	502.31

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Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
R0409701	372.18	R2000204	238.54	R2000502	124.59	R2072400	247.36
R0409702	372.18	R2000205	230.50	R2000503	120.34	R2072900	288.38
R0409703	362.33	R2000206	243.72	R2000504	137.35	R2073200	87.81
R0409704	362.33	R2000207	243.40	R2000505	138.57	R2073903	23.56
R0409705	365.53	R2000208	243.40	R2000506	132.79	R2073904	24.84
R0409706	392.44	R2000209	247.97	R2000507	151.02	R2073909	38.79
R0560701	144.34	R2000210	248.58	R2000508	152.24	R2073914	47.41
R10-143	55.61	R2000211	247.97	R2000509	144.65	R2073915	48.63
R10907700	303.54	R2000212	247.97	R2000510	164.70	R2073970	122.17
R10907701	274.26	R2000213	265.44	R2000511	166.23	R2075500	45.95
R10907702	334.71	R2000214	253.44	R2000512	156.80	R2076500	239.45
R10956000	63.21	R2000215	252.53	R2000513	191.75	R2076600	91.47
R10D3005	72.02	R2000216	252.53	R2000514	194.19	R2077501	2939.80
R10X2000	2960.97	R2000217	236.11	R2000515	194.19	R2077503	1940.23
R10X2013	263.94	R2000218	261.64	R2000516	232.77	R2080601	488.64
R10X3030	230.85	R2000219	261.64	R2000517	235.81	R2080602	488.64
R10X3032	114.26	R2000220	246.14	R2000518	235.81	R2080604	488.64
R10X3038	194.31	R2000221	249.80	R2000601	154.42	R2080607	394.74
R10X3045	294.14	R2000222	275.61	R2000602	147.69	R2080608	417.21
R12H7009	65.65	R2000223	275.61	R2000603	157.71	R2080609	394.74
R12H7060	1036.53	R2000224	253.44	R2000604	157.71	R2080610	488.64
R12H7061	1036.53	R2000301	357.37	R2000605	179.87	R2080611	488.64
R12X2000	3097.11	R2000302	357.37	R2000606	160.74	R2080802	3591.82
R12X2013	273.20	R2000303	357.37	R2000607	170.47	R2080803	3572.37
R12X3030	247.35	R2000304	361.62	R2000608	170.47	R2081401	142.38
R12X3032	128.85	R2000305	361.62	R2000609	205.31	R2081402	129.75
R12X3038	113.29	R2000306	361.62	R2000610	173.82	R2086800	19.70
R12X3045	310.32	R2000307	370.89	R2000611	183.24	R2087801	454.61
R1-592	22.19	R2000308	370.89	R2000612	183.24	R20D3120	69.90
R15D1002	163.88	R2000309	366.48	R2000613	230.75	R20D3301	126.71
R15D1004	70.19	R2000310	383.63	R2000614	186.89	R20D3303	158.62
R15D1100	351.99	R2000311	383.63	R2000615	196.31	R20D4020	246.42
R15D3001	290.92	R2000312	371.95	R2000616	196.31	R20X2000	3859.23
R15D3002	298.20	R2000313	409.08	R2000617	213.01	R20X2013	298.67
R15D3102	69.90	R2000314	409.08	R2000618	211.81	R20X3030	308.84
R15D3303	116.39	R2000315	395.04	R2000619	222.13	R20X3032	171.23
R15X2000	3517.68	R2000316	447.29	R2000620	252.22	R20X3038	120.05
R15X2013	282.74	R2000317	450.35	R2000621	250.70	R20X3045	398.67
R15X3030	255.48	R2000318	430.90	R2000622	260.73	R2C3320	345.56
R15X3032	138.71	R2000401	112.52	R2004000	343.91	R2C4000	2975.18
R15X3038	115.54	R2000402	97.86	R2004100	343.91	R2C4100	1666.47
R15X3045	320.79	R2000403	107.88	R2006100	97.86	R2C4120	2144.15
R2000101	187.80	R2000404	107.88	R2006600	364.94	R2C4300	3456.58
R2000102	188.40	R2000405	129.99	R2007700	111.83	R2F4205	2979.76
R2000103	184.76	R2000406	102.72	R2008400	409.63	R2F4205W	2979.76
R2000104	201.47	R2000407	112.44	R2015000	96.95	R2F4405	3499.45
R2000105	202.39	R2000408	112.44	R2028001	197.21	R2F4405W	3499.45
R2000106	196.61	R2000409	147.46	R2028002	206.64	R30-227	29.80
R2000107	215.15	R2000410	107.58	R2028003	175.95	R30D1004	62.60
R2000108	216.36	R2000411	116.99	R2028200	530.88	R30D1100	411.69
R2000109	208.77	R2000412	116.99	R2061100	114.87	R30D3001	401.72
R2000110	228.51	R2000413	164.93	R2069101	684.38	R30D3002	409.01
R2000111	230.35	R2000415	121.55	R2069102	802.89	R30D3005	86.91
R2000112	220.63	R2000416	121.55	R2069103	884.43	R30D3102	69.90
R2000113	255.86	R2000417	120.63	R2069104	1228.24	R30D3301	160.73
R2000114	257.99	R2000418	120.63	R2069105	1318.54	R30D3302	131.58
R2000115	244.62	R2000419	130.67	R2069200	96.03	R30D3303	170.47
R2000116	296.58	R2000420	115.16	R2069300	103.62	R30D5013	64.73
R2000117	299.92	R2000421	134.32	R2069400	83.57	R3C3320	351.70
R2000118	280.78	R2000422	134.32	R2069600	497.45	R3C4000	3328.93
R2000201	212.44	R2000423	144.65	R2071601	153.46	R3C4100	1997.08
R2000202	238.85	R2000424	122.46	R2071602	136.75	R3C4120	2703.29
R2000203	238.54	R2000501	123.98	R2072300	74.14	R3C4300	4082.06

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
R3F4205	3328.93	RA2112235	3103.18	RP		S2113800	4894.85
R3F4205W	3328.93	RA2112236	3077.67	RP2051400	172.00	S2114000	4.68
R3F4405	4082.06	RA2113700	924.40	RP2051500	199.96	S2114800	3.31
R3F4405W	4082.06	RA2114200	1434.30	RP2051700	133.71	S2115100	3.31
R40D1001	149.64	RA2117803	317.87	RP2052900	124.35	S2115900	305.39
R4C3320	400.83	RA2138900	174.23	RP2053000	74.52	S2116000	3.31
R4C4000	3773.86	RA2139200	1007.24	RP2056100	47.41	S2116300	3.31
R4C4100	2422.50	RA2139201	1039.70	RP2065600	275.61	S2124500	3.31
R4C4120	3419.22			RP2067100	46.80	S2125000	3.48
R4C4300	4810.77	RD				S2127300	11.55
R4F4205	3962.55	RD0091101	69.28	RS		S2127900	11.25
R4F4205W	3962.55	RD0091205	68.91	RS2105500	5092.97	S2137800	3.48
R4F4405	4810.77	RD0091206	48.32	RS2106900	4539.92	S2138700	6.99
R4F4405W	4810.77	RD0091207	63.82	RS2108400	247.04	ST1001	75.92
R50D1001	97.21	RD2010501	92.54	RS2108500	70.51	ST1004	47.92
R50D1002	97.21			RS2108700	286.38	ST1006	105.75
R50D1005	57.13	RE		RS2109100	121.25	ST1007	34.29
R50D1006	47.70	RE0013000	385.93	RS2109400	35.25	ST1008	32.31
R50D2021	117.60	RE0014400	308.48	RS2110900	6122.50	ST1011	61.92
R50D3003	104.88	RE0084401	56.15	RS2111000	9019.06	ST1012	40.93
R50D3004	104.88	RE0093200	394.92	RS2111100	12620.60	ST1014	54.92
R50D3101	236.55	RE0240900	92.38	RS2112801	245.23	ST1016	187.92
R50D3200	535.14	RE0254000	742.98			ST1019	32.31
R50D3204	75.37	RE2058300	105.15	RT		ST1020	253.74
R50D4020	319.07	RE2071501	463.42	RT2109001	120.03	ST1021	124.93
R50D7001	177.47	RE2071502	452.78	RTXD7108	880.41	ST1023	40.93
R50D7002	57.13	RE2071503	463.10	RTXD7109	914.27	ST1024	52.30
R50D7003	62.30	RE2071504	529.66			ST1028	75.92
R50D7120	1005.23	RE2074400	96.93	RV		ST1029	2726.39
R50D7408	470.70	RE2076500	691.32	RV2001900	1583.86	ST1030	92.31
R50D7412	470.70	RE2077700	197.53	RV2017900	452.39	ST1031	40.93
R50D7414	461.29	RE2310500	90.25	RV2017901	452.06	ST1032	40.44
R5X2000	2692.35	RE2319700	106.96	RV2017902	445.13	ST1033	127.02
R5X2013	248.31	RE2319800	115.48	RV2017903	478.61	ST1034	49.32
R5X3030	206.94	RE2319900	105.15	RV2017904	812.52	ST1036	451.87
R5X3032	93.00	RE2320600	108.49	RV2030700	249.48	ST1037	201.92
R5X3038	106.62	RE2322700	94.21			ST1038	30.42
R5X3043	158.36	RE2327800	38.51	RW		ST1039	222.92
R5X3044	157.51	RE2333500	243.72	RW2001800	304.44	ST1040	33.93
R5X3045	273.48	RE2333501	178.37	RW2001900	306.90	ST1041	33.93
R60D3200	586.59	RE2334700	94.21	RW2002300	132.79	ST1042	432.12
R60D3203	604.92	RE2334701	50.49	RW2013300	69.59	ST1044	33.93
R70-216	102.72	RE2337501	113.65	RW2013400	69.59	ST1045	54.92
R7X2000	2823.63	RE2337502	63.67			ST1047	33.93
R7X2013	256.70	RE2344300	395.04	RX		ST1048	187.85
R7X3030	217.33	RE2344301	408.41	RXD7198	851.51	ST1050	253.74
R7X3032	103.62	RE2347200	533.07	RXD7199	851.51	ST1051	40.93
R7X3038	108.78	RE2347600	91.23	RXD7234	851.51	ST1052	33.93
R7X3045	283.69	RE2347601	117.09			ST1054	38.00
R8D3005	72.02	RE2351400	49.38	S		ST1056	78.97
R8D3102	69.90	RE2353601	41.21	S0070800	4.67	ST1060	356.76
		RE2354000	83.57	S0076400	51.36	ST1061	201.92
RA		RE23569001	668.23	S0076401	321.20	ST1062	33.93
RA0079000	130.98	RE23569002	668.23	S0076500	14.61	ST1069	47.92
RA2107500	968.46	RE23569003	706.51	S0077700	80.52	ST1070	47.92
RA2112201	1841.78	RE2362400	207.86	S2006600	3.31	ST1073	54.92
RA2112209	1180.78	RE2370700	166.52	S2009300	3.31	ST1076	1396.62
RA2112213	1640.52			S2104300	14.61	ST1077	96.93
RA2112217	1422.15	RL		S2104400	9.72	ST1079	40.93
RA2112227	1120.00	RL2018401	410.84	S2104500	8.81	ST1093	28.90
RA2112228	1244.68	RL2018402	480.43	S2104600	16.11	ST1094	39.04
RA2112230	1051.72	RL2018403	502.92	S2105400	7.91	ST1095	6.09
RA2112232	404.46			S2112700	3.31	ST1096	6.09

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ST1099	81.16	ST1202	1776.62	V			
ST1100	23.25	ST1203	135.43	V0077500	323.02		
ST1101	67.72	ST1204	30.47	V0079100	488.33		
ST1102	30.70	ST1205	15.80	V0079400	188.07		
ST1103	40.63	ST1206	135.43	V0079500	401.32		
ST1104	38.82	ST1218	27.09	V2015100	20.80		
ST1105	130.92	ST1221	1290.00	V2022700	228.82		
ST1106	24.15	ST1224	30.47	V2033100	339.13		
ST1107	58.02	ST1225	9.03				
ST1108	44.24	ST1226	24.38	W			
ST1109	16.70	ST1227	9.03	W0036500	38.29		
ST1110	255.52	ST1228	8.13	W0039600	79.92		
ST1111	51.78	ST1229	8.13	W0040900	131.60		
ST1112	45.54	ST1230	8.58	W0040901	111.83		
ST1113	49.96	ST1231	3.61	W0040902	153.73		
ST1114	58.28	ST1232	103.83	W2001700	14.41		
ST1115	50.48	ST1233	36.12	W2002200	14.34		
ST1116	51.78	ST1234	6.32	W2014200	57.89		
ST1117	59.32	ST1235	3.61	W2014300	72.93		
ST1118	1776.62	ST1236	7.67	W2016400	15.61		
ST1119	256.19	ST1240	22.57				
ST1120	325.04	ST1241	22.57				
ST1121	42.94	ST1242	2.26				
ST1122	139.95	ST1244	15.80				
ST1124	49.44	ST1245	2.26				
ST1125	132.12	ST1246	2.26				
ST1126	39.56	ST1247	4.51				
ST1127	45.80	ST1248	15.80				
ST1128	38.52	ST1254	61.40				
ST1129	42.94						
ST1130	48.66	T					
ST1131	123.54	T0021701	39.51				
ST1132	70.76	T0021702	38.98				
ST1134	22.80	T0021703	44.51				
ST1136	27.86	T0021704	47.64				
ST1137	31.24	T0021705	83.86				
ST1138	31.24	T0021706	88.43				
ST1139	210.60	T0022001	20.45				
ST1140	74.94	T0022002	26.70				
ST1141	121.21	T0022003	28.31				
ST1143	6.77	T0022004	32.32				
ST1144	13.54	T0022605	51.81				
ST1146	4.06	T0022606	64.51				
ST1163	32.02	T0027200	16.72				
ST1164	4.51	T0027300	5.48				
ST1165	1.30	T2007701	26.48				
ST1166	11.29	T2007702	26.39				
ST1167	1.04	T2007703	32.41				
ST1168	2.08	T2007704	37.57				
ST1169	28.12	T2007705	54.06				
ST1187	4.51	T2007706	54.06				
ST1188	2.26	T2007801	31.55				
ST1189	0.45	T2007802	31.65				
ST1190	18.06	T2007803	41.36				
ST1191	4.51	T2007804	42.42				
ST1192	2.26	T2007805	56.13				
ST1193	6.77	T2007806	65.57				
ST1194	6.77	T2015808	93.00				
ST1195	6.77	T2015809	93.00				
ST1196	6.77	T2015810	93.00				
ST1197	42.50	T2108802	420.20				
ST1198	6.00	T2108803	478.87				
ST1199	17.00	T2108804	569.46				

