

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	LFTCE, LFTHF	199	1505, 1510
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	CONVERSION KITS		
RD0091101	Air inlet flex hose.....	285	CA006201	Propane conversion kit.....	80
R8D3005	Air inlet / exhaust bracket.....	80	CA006202	Propane conversion kit.....	105
R10D3005	Air inlet / exhaust bracket.....	105	CA006203	Propane conversion kit.....	150
R20D3120	Air inlet / exhaust bracket.....	150-210	CA006204	Propane conversion kit.....	210
R30D3005	Air inlet / exhaust bracket.....	285	CA006205	Propane conversion kit.....	285
RS2108700	Air/gas channel.....	285	CA006206	Natural conversion kit.....	80-210
RD2010501	CPVC reducer or coupling.....	80-105	ELECTRICAL / CONTROL COMPONENTS		
RP2053000	PVC reducer.....	150-210	RE2319900	Duplex water temp sensor (outlet).....	80-285
RP2052900	PVC reducer.....	285	RE2320600	Water temperature sensor (inlet).....	80-285
RP2056100	Nylon NPT to hose barb adapter.....	150-285	CA005600	System water sensor.....	80-285
RP2065600	CPVC reducer or coupling.....	150-210	CA005500	DHW sensor.....	80-285
RP2067100	Nylon NPT to hose barb adapter.....	80-105	JACKET / BASE COMPONENTS		
R2004000	High gas pressure switch (opt).....	80-285	8D3327	Left top panel.....	80
R2004100	Low gas pressure switch (opt).....	80-285	8D3328	Top panel, middle left.....	80
			8D3329	Top panel, middle right.....	80
			8D3330	Top panel, rear right.....	80
			R15D3001	Right side panel.....	80-150
			R15D3002	Left side panel.....	80-150
			R15D3102	Jacket angle support (left only for 80-105).....	80-150
			R15D3303	Top middle panel.....	150
			R20D3301	Right top panel.....	210
			R20D3303	Left top panel.....	210

*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

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

Part No.	Description	Size
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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
FT1838	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
FT2037	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
FT1838	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	R2080606	Control.....	CF
FT2043	Fan Guide.....	both	R2080607	Control.....	HF
FT2087	Fan Guide Assembly.....	both	R2080609	Control with Holiday Switch.....	CF
FT1772	Fan Guide Packing.....	both	FT3033	PCB Control Bracket.....	both
FT2020	Fan Rubber Packing #2.....	both	FT3022	Display Control.....	CF
FT1416	Gas Valve.....	both	FT3129	Display Control.....	HF
FT3108	Gas Valve Assembly.....	both	FT3021	Control Sub Bracket.....	CF
FT3109	Gas Valve Bracket.....	both	FT3137	Control Sub Bracket.....	HF
FT1415	Gas Valve O-ring.....	both	FT3024	Transformer (24V).....	both
FT1919	Gas Valve Outlet Adaptor.....	both	FT3023	Transformer Bracket.....	both
FT2044	Damper Body Assembly.....	both	FT2031	Ignition Transformer.....	both
FT1917	Air/gas Mixer Venturi.....	both	FT3019	Ignition Transformer Bracket.....	both
FT1775	Air/gas Mixer Body.....	both	FT3127	Ignition Rod Ass'y.....	both
FT1774	Air/gas Mixer O-ring.....	both	FT2085	Flame Detector Sensor Ass'y.....	both
FT3106	Air Intake Hose.....	both	FT1327	Flame Detector Sensor.....	both
FT3105	Air Intake Hose Assembly.....	both	FT1669	Flame Detector Sensor Bracket.....	both
FT3167	Gas Valve Inlet Adaptor.....	CF	FT1069	Flame Detector Sensor Cover.....	both
FT1538	Gas Valve Inlet Adaptor.....	HF	FT1020	Power Switch.....	both
FT3110	Gas Inlet Adaptor.....	both	FT1804	Air Pressure Sensor.....	both
FT3111	Gas Inlet Pipe 1 Ass'y.....	both	FT3020	Air Pressure Sensor Bracket.....	CF
FT3112	Gas Inlet Pipe 1.....	both	FT3136	Air Pressure Sensor Bracket.....	HF
FT3113	Gas Inlet Pipe 2 Ass'y.....	both	FT1324	Overheat Sensor.....	both
FT3114	Gas Inlet Pipe 2.....	both	FT1310	Overheat Sensor.....	both
FT1780	Gas orifice, natural.....	both	FT1635	CH Return Sensor.....	both
FT1802	Gas orifice, propane.....	both	FT1638	DHW Outlet Sensor.....	CF
FT3123	Conversion Kit.....	both	FT1868	DHW Sensor.....	both
FT3095	Refractory.....	both	FT1501	Outdoor Temperature Sensor.....	both
FT3090	Exhaust Duct Ass'y.....	both	FT1208	Sensor Clip.....	CF
FT3091	Exhaust Duct.....	both	FT1022	Condensate Pressure Switch.....	both
FT2036	Exhaust Duct Packing (Lower).....	both	FT3076	Flow Sensor Ass'y.....	CF
FT3099	Condensate trap assembly.....	both	FT1115	Flow Sensor.....	CF
FT3098	Condensate Trap Sub Ass'y.....	both	FT1307	Exhaust Overheat Sensor.....	both
FT3100	Condensate Trap Bracket 1.....	CF	FT1325	Low Level Sensor.....	both
FT3160	Condensate Trap Bracket 1.....	HF	FT1827	Terminal Block (6P).....	CF
FT3027	Condensate Trap Bracket 2.....	CF	FT2007	Terminal Block (8P).....	both
FT3139	Condensate Trap Bracket 2.....	HF	FT3026	Terminal Block (10P).....	CF
FT3101	Condensate Trap Cap.....	both	FT3163	Terminal Block (12P).....	HF
ST1070	Condensate Hose.....	both	FT3028	Concentric Plug (110V).....	both
FT1730	Bird Screen (Vent & Air Cap).....	both	FT3029	Concentric Plug Bracket (110V).....	both
FT1710	1/2" Spiral packing.....	both	FT3124	Wire Harness.....	CF
FT1076	M4*12 PH M/S.....	both	FT3166	Wire Harness.....	HF
FT1520	M4*8 TH M/S.....	both	WATERWAY / HEAT EXCHANGER COMPONENTS		
FT1777	Stainless Band 2 (Ø89).....	both	FT3093	Heat Exchanger Assembly.....	both
FT1813	Stainless Band 2 (Ø165).....	HF	FT3049	Boiler Pump Assembly.....	both
FT1645	1/2" Packing.....	CF	FT3050	Boiler Pump.....	both
FT1918	Nylon Barb Y Fitting.....	both	FT3051	Pump Bottom Pipe Ass'y.....	CF
FT3014	M4*14 Flange bolt (Type2).....	both	FT3143	Pump Bottom Pipe Ass'y.....	HF
FT3043	M4*14 TH (Type2).....	CF			

FT Series Floor Standing (Cont.)

Part No.	Description	Model	Part No.	Description	Model
FT3052	Pump Bottom Pipe.....	CF	FT1687	O-Ring P18.....	CF
FT3144	Pump Bottom Pipe.....	HF	FT1513	O-Ring P20.....	CF
FT3054	CH Return Connection.....	CF	FT3056	O-Ring P24.....	both
FT3059	CH Return Connection.....	both	FT3055	Short brass fitting.....	both
FT3053	CH Return Connection Ass'y.....	CF	FT1691	1" Packing.....	both
FT3058	CH Return Pipe.....	CF	FT1646	3/4" Packing.....	CF
FT3057	CH Return Pipe Ass'y.....	both	FT3062	3/8" Packing.....	both
FT3145	CH Return 3 Way Adaptor Assy.....	HF	FT3061	3way Connection.....	both
FT3146	CH Return 3 Way Adaptor.....	HF	FT3060	3way Connection Ass'y.....	both
FT3157	CH Return Bottom Pipe 1.....	HF	FT3085	Adapter Clip.....	CF
FT3156	CH Return Bottom Pipe 1 Assy.....	HF	FT3068	Adapter Connection.....	both
FT3159	CH Return Bottom Pipe 2.....	HF	FT3067	Adapter Pipe.....	both
FT3158	CH Return Bottom Pipe 2 Assy.....	HF	FT3066	Adapter Pipe Ass'y.....	both
FT3151	CH Return Top Pipe.....	HF	JACKET COMPONENTS		
FT3150	CH Return Top Pipe Assy.....	HF	FT3038	Jacket Assembly.....	CF
FT3148	Ball Valve, 1".....	HF	FT3172	Jacket Assembly.....	HF
FT3147	Ball Valve, 1", Assembly 1.....	HF	FT3035	Front Cover.....	CF
FT3152	Ball Valve, 1", Assembly 2.....	HF	FT3171	Front Cover.....	HF
FT3153	Brass fitting, 1".....	HF	FT3039	Access Cover.....	both
FT3149	Ball Valve Adaptor.....	HF	FT3015	Vent Pipe Collar Ass'y.....	both
FT3065	CH Supply Connection.....	both	FT3016	Vent Pipe Collar.....	both
FT3064	CH Supply Pipe.....	both	FT3010	Air Intake Collar Ass'y (filter type).....	both
FT3063	CH Supply Pipe Ass'y.....	both	FT3011	Air Intake Collar.....	both
FT1506	Flow Restrictor.....	CF	FT3012	Air Filter.....	both
V2033100	Mixing Valve.....	CF	FT3013	Air Filter Packing.....	both
FT3087	DHW Filter Body.....	CF	FT1606	Exhaust Testing Cap.....	both
FT3086	DHW Filter Body Ass'y.....	CF	FT3032	Bracket.....	both
FT1121	DHW filter cap.....	CF	FT3030	Heat Exchanger Sub Bracket.....	both
FT1120	DHW filter mesh.....	CF	FT3031	PCB Control Sub Bracket.....	both
FT3088	DHW Inlet Connection.....	CF	FT3017	Pressure Gauge Bracket.....	CF
FT3082	DHW Inlet Pipe.....	CF	FT3176	Pressure Gauge Bracket.....	HF
FT3081	DHW Inlet Pipe Ass'y.....	CF	FT3037	Tank bracket.....	both
FT3075	DHW Inlet Pipe2.....	CF	FT3025	Terminal Block Bracket.....	CF
FT3074	DHW Inlet Pipe2 Ass'y.....	CF	FT3138	Terminal Block Bracket.....	HF
FT3073	DHW Outlet Connection.....	CF	FT1603	Stainless Band (Ø100).....	both
FT3072	DHW Outlet Pipe.....	CF	FT3018	Cover Bolt Cap.....	both
FT3071	DHW Outlet Pipe Ass'y.....	CF	FT3122	Leveling Legs.....	both
FT3046	DHW Water Tank Ass'y.....	CF	FT1544	M4*10 FH (Type3).....	CF
FT3164	DHW Water Tank Ass'y.....	HF	FT1719	M4*10 TH (Type3).....	both
FT1822	Flow Restrictor.....	CF	FT1064	M4*10 TH +M/S.....	CF
FT1500	Pressure Relief Valve.....	both	FT3040	M4*12 BH (Type3).....	CF
FT1058	Pressure gauge.....	both	FT3042	M4*12 Flange bolt (Type3).....	CF
FT3117	Air Vent.....	both	FT3014	M4*14 Flange bolt (Type2).....	CF
FT3118	Brass Adaptor.....	both	FT3043	M4*14 TH+ (Type2).....	CF
FT3119	3/4" Brass Plug.....	both	FT3044	M4*16 TH+ (Type3).....	CF
FT3084	Inlet Pipe Adapter.....	CF	FT3041	M4*8 Flange bolt + M/S.....	CF
FT3083	Inlet Pipe Adapter Ass'y.....	CF	FT3045	M5*12 TH+P/W M/S.....	CF
FT3070	Internal Circulation Pipe 1.....	both	FT1604	Packing.....	both
FT3069	Internal Circulation Pipe 1 Ass'y.....	both	FT1646	3/4" packing.....	CF
FT3048	Internal Circulation Pipe 2.....	both	FT1691	1" Packing.....	both
FT3047	Internal Circulation Pipe 2 Ass'y.....	both	FT1601	O-Ring P7.....	both
FT3077	Recirculation Connection.....	CF	FT1643	O-Ring P16.....	CF
FT3120	Recirculation Brass Plug.....	CF	FT1687	O-Ring P18.....	CF
FT1107	Piping Clip 1.....	both	FT1513	O-Ring P20.....	CF
FT1108	Piping Clip 2.....	both	FT1609	O-Ring P75.....	both
FT1708	Ball Valve.....	both			
FT3078	Check Valve.....	CF			
FT3080	Elbow Connection.....	CF			
FT3079	Elbow Connection Ass'y.....	CF			
FT3089	M5*10 Flange bolt + M/S.....	CF			
FT1643	O-Ring P16.....	CF			

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
FT1838	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	R2080605	Control SN F1800309 & after.....	CW	140
FT1661	Burner case sealing O-ring.....	HW	120-140	R2080604	Control.....	CW	199
FT1406	Fan.....	CW & HW	ALL	FT1050	Control sub-bracket.....	HW	80-140
FT1862	Fan assembly.....	HW	80	FT1620	Display panel.....	CW	ALL
FT1863	Fan assembly.....	HW	100	FT1053	Display panel.....	HW	ALL
FT1864	Fan assembly.....	HW	120	ST1006	Ignition transformer.....	CW & HW	ALL
FT1407	Fan assembly.....	CW & HW	140	FT1315	Ignitor.....	CW & HW	80-140
FT1916	Fan assembly.....	CW & HW	199	FT1763	Ignitor.....	CW & HW	199
ST1038	Fan sealing o-ring.....	CW & HW	ALL	FT1316	Ignitor gasket.....	CW & HW	ALL
FT1721	Fan outlet gasket.....	CW	140	FT1327	Flame detector sensor.....	CW & HW	ALL
FT1082	Fan outlet gasket.....	CW & HW	199	FT1669	Flame detector sensor bracket.....	CW & HW	ALL
FT1772	Fan guide o-ring.....	CW & HW	199	FT1069	Flame detector sensor cover.....	CW & HW	ALL
FT1416	Gas valve.....	CW & HW	ALL	FT1020	Power switch.....	CW & HW	ALL
FT1413	Gas valve assembly.....	CW & HW	80-140	FT1324	Temperature sensor.....	CW & HW	ALL
FT1950	Gas valve assembly.....	CW	199	FT1635	CH return sensor.....	HW	ALL
FT1409	Gas mixer housing.....	CW & HW	80-140	FT1219	CH return sensor.....	CW	ALL
FT1773	Air/gas mixer venturi.....	CW & HW	199	FT1112	Outlet sensor.....	CW	ALL
FT1775	Air/gas mixer body.....	CW & HW	199	FT1501	Outdoor sensor.....	CW & HW	ALL
FT1774	Air/gas mixer O-ring.....	CW & HW	199	FT1804	Air pressure sensor.....	CW & HW	ALL
FT1865	Air Intake orifice.....	HW	80	(MFTCW140 after s/n F1800309)			
FT1866	Air Intake orifice.....	HW	100	FT1015	Air pressure sensor.....	CW	140
FT1867	Air Intake orifice.....	HW	120	(s/n F1500364 & before)			
FT1535	Air Intake orifice.....	CW & HW	140	FT1022	Condensate pressure sw.....	CW & HW	ALL
FT1821	Air Intake orifice.....	CW & HW	199	FT1307	Exhaust overheat sensor.....	CW & HW	ALL
FT1854	Gas orifice, natural.....	HW	80	FT1529	Exhaust sensor bracket.....	CW & HW	ALL
FT1855	Gas orifice, natural.....	HW	100	FT1325	Low level sensor.....	CW & HW	ALL
FT1856	Gas orifice, natural.....	HW	120	FT1310	Overheat sensor.....	CW & HW	ALL
FT1412N	Gas orifice, natural.....	CW & HW	140	FT1115	Flow sensor.....	CW	ALL
FT1780	Gas orifice, natural.....	CW & HW	199	FT1208	Flow sensor clip.....	CW	ALL
FT1946	Gas orifice, propane.....	HW	80	FT1021	Terminal block (10P).....	CW	140
FT1947	Gas orifice, propane.....	HW	100	FT1618	Terminal block (12P).....	HW	ALL
FT1948	Gas orifice, propane.....	HW	120	FT1827	Terminal block (6P).....	HW	ALL
FT1412P	Gas orifice, propane.....	CW & HW	140	FT1905	Wire Harness.....	HW	80-140
FT1802	Gas orifice, propane.....	CW & HW	199	FT1906	Wire Harness.....	HW	199
FT1010	Intake duct assembly.....	CW & HW	80-140	FT1903	Wire Harness.....	CW	140
FT1812	Air intake hose.....	CW	199	FT1904	Wire Harness.....	CW	199
FT1846	Air intake hose.....	HW	199	FT1861	Cable, communication, cascade.....	CW & HW	ALL
FT1067	Exhaust pipe.....	CW & HW	80-140	FT1868	Sensor, system, cascade.....	CW & HW	ALL
FT1823	Exhaust pipe.....	CW & HW	199	WATERWAY / HEAT EXCHANGER COMPONENTS			
FT1002	Exhaust vent duct assembly.....	CW & HW	ALL	FT1852	Heat exchanger assembly.....	HW	80-100
FT1784	Exhaust pipe adaptor.....	CW & HW	ALL	FT1068	Heat exchanger assembly.....	HW	120-140
FT1836	Exhaust pipe packing (lower).....	CW & HW	199	FT1758	Heat exchanger assembly.....	HW	199
FT1915	Damper body.....	CW & HW	ALL	FT1313	Heat exchanger assembly.....	CW	140
FT1770	Damper packing.....	CW & HW	199	FT1992	Heat exchanger assembly.....	CW	199
FT1419	Gas pipe, down.....	CW	140	FT1672	Pump.....	HW	80-140
FT1860	Gas pipe, upper.....	HW	80-100	FT1767	Pump.....	HW	199
FT1538	Gas valve inlet adaptor.....	CW & HW	ALL	FT1222	Pump.....	CW	140
FT1415	Gas valve o-ring.....	CW & HW	ALL	FT1798	Pump.....	CW	199
FT1919	Gas valve outlet adaptor.....	CW & HW	ALL	FT1108	Pump clip.....	CW	ALL
FT1710	Gasket, gas pipe.....	CW & HW	ALL	FT1025	Pressure gauge.....	CW	ALL
FT1665	Refractory.....	CW & HW	80-140	FT1058	Pressure gauge.....	HW	ALL
FT1826	Refractory.....	CW & HW	199	FT1500	Pressure relief valve.....	CW & HW	ALL
FT1730	Bird screen 3".....	CW	140	FT1323	DHW tank.....	CW	140
ST1070	Condensate hose.....	CW & HW	ALL	FT1794	DHW tank.....	CW	199
				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	05P2100	Heat exchanger.....	50
A2122500	Blower.....	100-125	07P2100	Heat exchanger.....	75
RA2114200	Blower.....	150-220	10P2100	Heat exchanger.....	100
12P2065	Blower mounting plate.....	50-220	12P2100	Heat exchanger.....	125
S2105400	Gasket, blower outlet.....	50-220	15P2100	Heat exchanger.....	150
S2124500	O-ring, blower inlet.....	50-220	17P2100	Heat exchanger.....	175
S2127900	Gasket, blower mounting plate.....	50-220	22P2100	Heat exchanger.....	220
S2127300	Gasket, blower mounting plate.....	50-220	A2117700	Pump	50-125
RL2018401	Burner.....	50-75	A2122600	Pump	150-220
RL2018402	Burner.....	100	A2122004	3-way valve & actuator.....	125-175
RL2018403	Burner.....	150-175	P2093100	Coupling, SS, 1/2" NPT, for DHW sensor.....	125-175
R2069104	Burner.....	220	A2117600	Gauge, pressure & temperature.....	50-220
V2022700	Valve, gas.....	50-220	P2074500	Air vent.....	50-220
S2125000	O-ring, gas valve to gas pipe.....	50-220	F2027600	Washer, sealing, 1.19" OD x .79"ID.....	125-175
W2014200	Ignitor, spark.....	50-220	S2115100	O-ring, 20.04mm ID x 27.10mm OD.....	125-175
RW2013300	Gasket, ignitor.....	50-220	P2074600	Switch, low water pressure.....	50-220
W2014300	Sensor, flame.....	50-220	JACKET / BASE COMPONENTS		
E2348100	Switch, low air pressure.....	50-220	12P3006	Panel, top.....	50-220
A2117500	Condensate trap.....	50-125	12P7015	Panel, middle.....	50-125
P2067603	Pipe, PVC, 3/4" sch 40 x 6" long.....	50-125	12P3004	Panel, bottom.....	150-220
S2116300	O-ring, 1" ID x 1-3/16" OD.....	50-125	12P3005	Panel, bottom.....	50-220
12H5500	Adapter, vent, CPVC.....	50-220	S2114000	Grommet	
12H5501	Gasket, vent adapter.....	50-220	NEUTRALIZER MEDIA		
500-168	Plug, hex, 1/8" NPT.....	50-220	A2123605	Neutralizer media, 2.5 lb.....	all
ELECTRICAL / CONTROL COMPONENTS			A2123606	Neutralizer media, 40 lb.....	all
RE23569001	Control board.....	50-220	Q2016900	Neutralizer media, sold by lb.....	all
	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	12H4008	Pipe, 3-way valve to DHW
RS2108500	Burner gasket	12H4012	Bracket, control valve
R2069200	Flame sensor with gasket	12H4019	Bracket, 3-way valve
RW2013400	Flame sensor gasket	12H4022	Bracket, capture, hex
R2069300	Ignitor with gasket	R2071601	Pipe, tail piece, before Jan 10, 2010
RW2013300	Ignitor gasket	R2071602	Pipe, tail piece, Jan 10, 2010 or after
RS2112801	Burner door with gaskets	P2074500	Air vent, auto, 1/4"
R2069400	Burner door gasket	F2025502	Washer, sealing, 0.93 OD x 0.62 ID
R2075501	Gas valve kit with propane orifice	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	12H4004	Pipe, pump to hx inlet
12H4011	Pipe, gas / sensor tube	12H4006	Pipe, expansion tank
12H5002	Plate, venturi SIT	12H4010	Pipe, air vent
12H5500	Adapter, vent, CPVC	F2027000	Screw, #8-18 x 1/2", phil pan hd
12H5501	Gasket, vent adapter	F2025300	Screw, M5-0.8 x 14mm, soc hd
A2117500	Condensate trap	F2029300	Screw, M5 x 8, soc hd cap
R2075500	Conversion kit, natural to propane	S2112700	Screw, M4 X 10 soc hd cap
		F2023700	Washer M5, lock internal tooth
		F2029000	Cotter pin
		S2114800	Bumper, rubber
		S2114000	Grommet, pipe, wire, multi size, rubber
		P2067603	Pipe, PVC, 3/4" sch 41
		500-168	Plug, hex 1/8" NPT
		10-596	Tee, 1" barb, plastic
		12H2500	Hose, drain, condensate
ELECTRICAL / CONTROL COMPONENTS		JACKET/BASE COMPONENTS	
R12H7060	Control, programmed - LMC	12H3001	Jacket assembly
R12H7061	Control, programmed - LMH	12H3011	Base, jacket
RE2310500	Sensor, outdoor air temperature	12H3003	Panel, front middle with control, LMH
RE2319700	Sensor, stack temperature	12H3004	Panel, front bottom with control, LMC
RE2319900	Sensor, water temperature, duplex, outlet	12H3005	Panel, front top, plastic and metal together
RE2320600	Sensor, water temperature, inlet	12H3007	Hinge, front panel, bottom
RE2333500	Display module, LMH	12H3008	Hinge, front panel, middle
RE2333501	Display module, LMC	12H3015	Panel, front top
RE2337501	Sensor, domestic water	12H3017	Support, middle panel
R0021300	Transformer, 40VA, 115V/24V	12H3018	Panel, right side
12H7005	Wire (spark ignitor cable)	12H3019	Panel, left side
12H7008	Wire, flame sensor	12H3025	Panel, front bottom with control, LMH
R12H7009	Connector assembly, gas valve	12H3033	Panel, front middle with control, LMC
12H7010	Wire harness, main, LMH	12H7001	Panel, top upper, plastic
E2318900	Circuit breaker, 10A, 120V	12H7002	Panel, front middle, plastic
E2334500	Plug, 3-prong with cord	12H7003	Panel, front bottom, plastic
E2334501	Harness, wire, power switch/ circuit breaker	12H7004	Bracket, mounting, control
E2334502	Harness, wire, display/+24V circuit breaker	F2028200	Washer, retaining, .50 OD, nylon
E2335000	Switch, rocker, 120V, amber	R2073903	Gasket, strip, foam 3/8"x1/8", 3 feet
E2335100	Circuit breaker, 2A, 120V	R2073904	Gasket, strip, foam 3/8"x1/8", 4 feet
E2336500	Air pressure switch, 2.80" w.c., blocked vent	R2073909	Gasket, strip, foam 3/8"x1/8", 9 feet
E2343200	Wire harness, main, LMC	R2073914	Gasket, strip, foam 3/8"x1/8", 14 feet
E2338600	Cube relay	R2073915	Gasket, strip, foam 3/8"x1/8", 15 feet
E2334900	Switch, pressure, air/gas, inlet, fan proving	R2073970	Gasket, strip, foam 3/8"x1/8", 70 feet
		10-103	Screw, hex head, 1/4-20 unc. x .75"
		12H3010	Bracket, hx, right side
		12H3016	Bracket, hx, left side
		12H3009	Bracket, transformer
		12H3012	Bracket, wall attachment
		F2001900	Screw, 8-32unc x 1.5"
		F2015900	Rivet, pop, 3/16 dia.
		F2027000	Screw, #8-18 x 1/2" phil pan hd
WATERWAY / HEAT EXCHANGER COMPONENTS			
S2113800	Heat exchanger		
S2115900	Heat exchanger, plate, DHW		
S2116300	O-ring, 1" DI x 1-3/16" OD		
A2117600	Gauge, pressure & temp, remote		
A2117400	Expansion tank		
12H3006	Gasket, expansion tank		
12H3020	Bracket, expansion tank		
R2072400	Flow switch		
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	1-579	Flow restrictor, 5 gpm, EBP.....	both.....	175
R30-227	Gas valve flange gasket.....	both.....	all	1-580	Flow restrictor, 4 gpm, EBP.....	both.....	110
2400-560	Gas shutoff valve.....	both.....	all	2400-522	Boiler drain.....	both.....	EBP
31-325	Manifold gas inlet.....	both.....	175	2400-530	Air vent (coin vent).....	both.....	all
40-325	Manifold gas inlet.....	both.....	110	2400-566	Gaskets, pump flange.....	both.....	all
2400-142	Adjustable combustion air inlet.....	both.....	all	R2028200	Water flow switch with tubing, EBP.....	both.....	all
2400-145	Gas orifice kit (4 options, nat/LP, 110/175).....	both.....	all	R2072400	Water flow switch, EBP.....	new.....	EBP
2400-146	Gas orifice kit hi alt. (4 opt nat/LP 110/175).....	both.....	all	2400-506	Insulation, coil cover.....	both.....	all
2400-516	Burner with gaskets.....	both.....	110	2400-508	Insulation, boiler coil.....	both.....	all
2400-518	Burner with gaskets.....	both.....	175	JACKET / BASE COMPONENTS			
2400-514	Burner gasket.....	both.....	all	2400-049	Control box cover with labels, white.....	old.....	all
2400-524	Blower with gaskets.....	both.....	all	2400-450	Control box cover with labels, black.....	new.....	all
2400-540	Gasket, blower.....	both.....	all	30-677	Collar, vent stack.....	new.....	all
30-188	O-ring, blower.....	both.....	all	40-250	Jacket surround.....	old.....	EDP
2400-526	Ignitor with gasket.....	both.....	all	40-301	Jacket surround.....	new.....	EDP/N
2400-528	Gasket, ignitor / flame sensor.....	both.....	all	30-251	Panel, access.....	old.....	EDP
30-205	Cork gasket, air inlet.....	old.....	EBP	30-253	Panel, access.....	new.....	EDP/N
A2108100	Plastic blower cover.....	both.....	all	36-640	Panel, back.....	both.....	EBP
2400-510	Comb. chamber / coil assembly, EBP.....	both.....	110	40-302	Panel, base.....	new.....	EDP/N
2400-512	Comb. chamber / coil assembly, EBP.....	both.....	175	36-643	Panel, door.....	both.....	EBP
2400-593	Comb. chamber / coil assembly, EDP/EDN.....	both.....	110	40-304	Panel, front.....	new.....	EDP/N
2400-594	Comb. chamber / coil assembly, EDP/EDN.....	both.....	175	36-641	Panel, left side.....	both.....	EBP
ELECTRICAL / CONTROL COMPONENTS				36-642	Panel, right side.....	both.....	EBP
36-288	Standoff clips for control board.....	old.....	all	30-678	Panel, top.....	new.....	EBP
2400-441	Ignition control.....	new.....	all	40-678	Panel, top.....	new.....	EDP/N
2400-442	PWM board.....	new.....	all	40-014	Pump base assembly.....	both.....	EDP
2400-546	Control Board, EBP.....	old.....	EBP	40-303	Base rail.....	new.....	EDP/N
R2080802	Control Replacement, EBP.....	new.....	110	36-010	Bottom.....	both.....	EBP
R2080803	Control Replacement, EBP.....	new.....	175	40-010	Bottom.....	old.....	EDP
R0560701	Valve rectifier (on-off switch).....	both.....	all	36-028	Bottom insulation.....	old.....	EBP
2400-550	Safety limit, 230°F.....	both.....	all	S2006600	Gasket, closed cell, sold by the foot.....	both.....	all
2400-443	Wire harness, EBP.....	new.....	all	2400-152	Field Service Kit.....	new.....	EDP
2400-444	Wire harness, EDP/EDN.....	new.....	all	2400-153	Field Service Kit.....	new.....	EBP
30-310	Wire harness, EBP.....	old.....	all	2400-590	Gasket Kit.....	both.....	all
40-310	Wire harness, EDP/EDN.....	old.....	all	2400-370	3" vertical vent cap		
2400-445	Sensor, tank & supply (white).....	new.....	all	2400-407	3" 90° elbow		
2400-446	Sensor, return (white).....	new.....	all	2400-408	3" 45° elbow		
2400-552	Sensor, boiler flow tank, EBP (F4) supply.....	old.....	all	2400-409	3" condensate tee		
2400-556	Sensor, boiler return (F6) above pump.....	old.....	all	2400-410	3" x 12" straight		
2400-448	Transformer.....	new.....	all	2400-411	3" x 24" straight		
2400-562	Transformer.....	old.....	all	2400-412	3" x 48" straight		
2400-568	Reset switch.....	both.....	all	2400-413	3" x 6" to 19" straight, telescoping		
30-616	Fuse, line voltage (on boiler control).....	old.....	all	2400-415	3" room air adapter with screen		
2400-451	Valve, anti condensing.....	new.....	all	2400-426	3" terminal with screen		
2400-538	Valve, anti condensing, EBP.....	old.....	all	2400-435	3" / 5" boiler adapter with fresh air tee		
2400-141	Cartridge, anti condensing valve.....	old.....	all	2400-277	5" side wall terminal, concentric		
2400-539	Motor, anti condensing, valve, EBP.....	old.....	all	2400-280	5" galvanized wall flange, concentric		
E0000700	5-Amp fuse.....	both.....	all	2400-281	Rubber wall flange (wall or cone flashing)		
R2006100	Relay, EDP/EDN.....	new.....	all	2400-416	3" / 5" rain cap, concentric		
WATERWAY / HEAT EXCHANGER COMPONENTS				2400-418	3" / 5" 90° elbow, concentric		
2400-570	Heat exch, flat plate, with gasket DHW.....	both.....	EBP	2400-419	3" / 5" 45° elbow, concentric		
2400-572	Gaskets, DHW heat exchanger.....	both.....	EBP	2400-420	3" / 5" boiler adapter, concentric		
2400-520	Transfer tank.....	old.....	EBP	2400-421	3" / 5" condensate trap, concentric		
2400-586	Transfer tank (before s/n E07192692.....	new.....	EBP	2400-422	3" / 5" vertical termination, concentric		
2400-650	Transfer tank (s/n E07192692 & after).....	new.....	EBP	2400-423	3" / 5" x 12" straight, concentric		
2400-386	Pump, EBP / EDP.....	both.....	175	2400-424	3" / 5" x 12.5" to 19" telescoping, conc		
2400-592	Pump, EBP / EDP.....	both.....	110	2400-425	3" / 5" x 36" straight, concentric		
2400-388	Pump, EDN.....	both.....	all	2400-428	3" / 5" vent terminal extension, conc		
2400-029	Thermostat & o-ring for union.....	both.....	all	2400-433	3" / 5" x 24" straight, concentric		
2400-574	Pressure gauge.....	both.....	all	2400-437	5" support clamp		
2400-112	Pressure relief valve.....	both.....	all	2400-452	3" side wall terminal, concentric		

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	F0034000	Screw, 8-32 x 1-1/4".....	PNC
L0063404	Manifold, gas, 2-port, 2-stage, left bank.....	200	F0035900	Screw, 6-32 x 5/8".....	PNC
L0063405	Manifold, gas, 4-port, 2-stage, right bank.....	400	WATERWAY / HEAT EXCHANGER COMPONENTS		
L0063413	Manifold, gas, 3-port, 2-stage, left bank.....	300	R2C4100	Tube assembly, copper, with gaskets.....	200
L0063414	Manifold, gas, 2-stage left bank.....	400	R2C4120	Tube assembly, cupro-nickel with gaskets.....	200
L0063414	Manifold, gas, on-off.....	200	R3C4100	Tube assembly, copper, with gaskets.....	300
L0063416	Manifold, gas, 6-port, on/off.....	300	R3C4120	Tube assembly, cupro-nickel with gaskets.....	300
L0063418	Manifold, gas, 8-port, on/off.....	400	R4C4100	Tube assembly, copper, with gaskets.....	400
L0063702	Weldment, gas manifold, main.....	200	R4C4120	Tube assembly, cupro-nickel with gaskets.....	400
L0063703	Weldment, gas manifold, main.....	300	R2F4205	Complete heat exch, copper, H-stamp.....	MT2 200
L0063704	Weldment, gas manifold, main.....	400	R3F4205	Complete heat exch, copper, H-stamp.....	MT2 300
R2073200	Media, filter.....	all	R4F4205	Complete heat exch, copper, H-stamp.....	MT2 400
F2022300	Clip, retaining, filter media.....	all	R2F4205W	Complete heat exch, copper, HLW-stamp.....	MT2V 200
S2104600	Gasket, flue housing.....	all	R3F4205W	Complete heat exch, copper, HLW-stamp.....	MT2V 300
RD0091205	Hose, duct, flexible, 4" dia.....	200	R4F4205W	Complete heat exch, copper, HLW-stamp.....	MT2V 400
RD0091206	Hose, duct, flexible, 4" dia.....	300	R2F4405	Complete heat exch, cu-nickel, H-stamp.....	MT2 200
RD0091207	Hose, duct, flexible, 4" dia.....	400	R3F4405	Complete heat exch, cu-nickel, H-stamp.....	MT2 300
2C2017	Plate, spacer, burner/manifold.....	200	R4F4405	Complete heat exch, cu-nickel, H-stamp.....	MT2 400
3C2017	Plate, spacer, burner/manifold.....	300	R2F4405W	Complete heat exch, cu-nickel, HLW-stamp.....	MT2V 200
4C2017	Plate, spacer, burner/manifold.....	400	R3F4405W	Complete heat exch, cu-nickel, HLW-stamp.....	MT2V 300
ELECTRICAL / CONTROL COMPONENTS			R4F4405W	Complete heat exch, cu-nickel, HLW-stamp.....	MT2V 400
**Character 13 of the Mighty Therm 2 model number shows the revision.			R2C4000	Complete heat exchanger, copper.....	PNC 200
RE2344300	Controller, rev 2**.....	MT2H 200	R3C4000	Complete heat exchanger, copper.....	PNC 300
RE2344301	Controller, rev 2**.....	MT2H 300-400	R4C4000	Complete heat exchanger, copper.....	PNC 400
RE2344301	Controller, rev 2**.....	MT2V	R2C4300	Complete heat exchanger, cu-nickel.....	PNC 200
E0253100	Temperature control.....	PNCV	R3C4300	Complete heat exchanger, cu-nickel.....	PNC 300
E0253900	Thermistor probe.....	PNC	R4C4300	Complete heat exchanger, cu-nickel.....	PNC 400
E2348700	Controller harness, rev 2**.....	MT2	2C4103	Casting, return header.....	all
RE0014400	Controller, on-off, rev 1**.....	MT2	2F4122	Casting, inlet/outlet.....	all
RE0093200	Controller, 2-stage, rev 1**.....	MT2	R0050801	Heat exchanger gasket set, 20-piece kit.....	all
E2304800	High limit.....	all H	S0070800	HX gasket (qty 1-use R0050801 for qty 20)....	all
E2324200	High limit.....	all V	2C4001	Chamber, header, hx.....	all
2C7004	Bracket, mounting, hi-limit & pressure sw.....	all	2C4002	Baffle, end.....	all
E2103200	Temp switch, manual reset, 250°F.....	MT2 200	A0063300	PRV, 75 psi.....	MT2H
E0253400	Ignition control.....	all	RA0001200	PRV, 125 psi.....	MT2V
E0180500	Transformer.....	all	RA0079000	T & P gauge.....	all
RE2322700	Rocker switch.....	MT2	RE0013000	Flow switch, outdoor.....	all
R2015000	Toggle switch.....	MT2	RE2076500	Low water cutoff (opt.).....	all
R2007700	Toggle switch.....	all	E0234201	Immersion well, high limit.....	all
E2327800	Relay, DPDT.....	all	RE2058300	Immersion well, 3/8" bulb.....	MT2
RE2077700	Relay, time delay, pump, rev 1**.....	all	A0095705	Pump, normal water, Taco.....	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
F0029300	Screw, #2 x 3/16".....	PNC	2C2018	Cover, gas inlet, air box.....	all
F0040800	Nut, hex, 3/8".....	PNC	2C3620	Panel, hx side access, jacket.....	all
F0046100	Bolt, dome, 3/8-16x2-1/2".....	PNC	2C2015	Panel, left side, air box.....	all
F0051400	Screw, hex, 3/8-16 x 1.75".....	PNC	2C3420	Panel, left side, jacket.....	all
F2011600	Screw, pan, 1/4-20 x .75".....	PNC	2C3622	Panel, lower access, jacket.....	all
F2025000	Washer, 3/8".....	PNC	2C3520	Panel, right side, jacket.....	all
P0019100	Nipple, iron, 1-1/2" x close.....	PNC	2C3621	Panel, right side, upper, jacket.....	all
P0026800	Plug, 1/4" brass.....	PNC	10338600	Plate, cover, sight glass.....	all
P0026900	Plug, 1/2" brass.....	PNC	2C2500	Weldment, duct, blower.....	all
P0054900	Nipple, brass, 3/4" x close.....	PNC	2C2300	Weldment, flue.....	all
P2019500	Tee, iron, 1 1/2" x 1 1/2" x 1".....	PNC	R2C3320	Panel, front, jacket.....	200
P2022100	Nipple, brass, 1 1/2" x close.....	PNC	R3C3320	Panel, front, jacket.....	300
P2023801	Tee, bronze, 1 1/2" x 1 1/2" x 1".....	PNC	R4C3320	Panel, front, jacket.....	400
COMBUSTION CHAMBER COMPONENTS			2F3019	Panel, jacket, control access.....	MT2 200
R10956000	Assembly, sight glass.....	all	3F3019	Panel, jacket, control access.....	MT2 300
T2108802	Chamber.....	200	4F3019	Panel, jacket, control access.....	MT2 400
T2108803	Chamber.....	300	2C3220	Panel, rear, jacket.....	200
T2108804	Chamber.....	400	3C3220	Panel, rear, jacket.....	300
T2015808	Insulation, combustion chamber, kit.....	200	4C3220	Panel, rear, jacket.....	400
T2015809	Insulation, combustion chamber, kit.....	300	2C3021	Panel, top, jacket.....	200
T2015810	Insulation, combustion chamber, kit.....	400	3C3021	Panel, top, jacket.....	300
2C2001	Panel, top, combustion chamber.....	200	4C3021	Panel, top, jacket.....	400
3C2001	Panel, top, combustion chamber.....	300	2C3015	Side panel, pump cover, jacket.....	200
4C2001	Panel rear, combustion chamber.....	400	2C3014	Side panel, pump cover, jacket.....	300-400
2C2023	Assembly, front panel, comb chamber.....	200	2C3016	Cover, pump.....	all
3C2023	Assembly, front panel, comb chamber.....	300	2C3700	Weldment, cover, air inlet.....	200-300
4C2023	Assembly, front panel, comb chamber.....	400	4C3700	Weldment, cover, air inlet.....	400
2C2601	Chamber, left side, bottom.....	all	3C3702	Panel, cover, exhaust.....	300
2C2201	Chamber, right side, bottom.....	all	2C2100	Assembly, exhaust vent, vertical.....	200
2C2002	Chamber, side, top.....	all	3C2100	Assembly, exhaust vent, vertical.....	300
2C2006	Panel rear, combustion chamber.....	200	4C2100	Assembly, exhaust vent, vertical.....	400
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	5X3030	Draft diverter assembly.....	50
L0050300	Gas orifice, Nat, 8001-10,000 ft.....	all	7X3030	Draft diverter assembly.....	75
L0039000	Gas orifice, Propane, 0-2000 ft.....	all	10X3030	Draft diverter assembly.....	100
L0032900	Gas orifice, Propane, 0-5000 ft.....	all	12X3030	Draft diverter assembly.....	125
L0032800	Gas orifice, Propane, 5001-8000 ft.....	all	15X3030	Draft diverter assembly.....	150
L0032700	Gas orifice, Propane, 8001-10,000 ft.....	all	20X3030	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
E2401400	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
5X2000	Heat exchanger.....	50	10X1000	Base assembly.....	100
7X2000	Heat exchanger.....	75	12X1000	Base assembly.....	125
10X2000	Heat exchanger.....	100	15X1000	Base assembly.....	150
12X2000	Heat exchanger.....	125	20X1000	Base assembly.....	200
15X2000	Heat exchanger.....	150	R5X3045	Front cover.....	50
20X2000	Heat exchanger.....	200	R7X3045	Front cover.....	75
A2136500	Circulator.....	all	R10X3045	Front cover.....	100
A2117600	Gauge, temp/pressure & pressure.....	all	R12X3045	Front cover.....	125
1-054	Pressure relief valve, 30psi.....	all	R15X3045	Front cover.....	150
E2402900	Well, immersion, 1/2 NPT.....	all	R20X3045	Front cover.....	200
227-48070-01	Drain.....	all	5X3038	Panel, front inner.....	50
P2142900	Adapter 1/4" NPT x BSPP.....	all	7X3038	Panel, front inner.....	75
P2143000	Spacer/washer for gauge adapter.....	all	10X3038	Panel, front inner.....	100
5X207202	Diverter assembly.....	50-100	12X3038	Panel, front inner.....	125
			15X3038	Panel, front inner.....	150

Mini-Therm JX (Cont.)

Part No.	Description	Size	Part No.	Description	Size
20X3038	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
E2327800	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	10449516	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	10466701	Non-combustible base.....	50-75
10485303	Baffle.....	100	10466702	Non-combustible base.....	100-125
10485304	Baffle.....	125	10466703	Non-combustible base.....	160
10485305	Baffle.....	160	10466704	Non-combustible base.....	225
10485306	Baffle.....	225	10467101	Base assembly.....	50
20034901	Flue collector, MiniTherm II.....	50	10467102	Base assembly.....	75
20034902	Flue collector, MiniTherm II.....	75	10467103	Base assembly.....	100
20034903	Flue collector, MiniTherm II.....	100	10467104	Base assembly.....	125
20034904	Flue collector, MiniTherm II.....	125	10467105	Base assembly.....	160
20034905	Flue collector, MiniTherm II.....	160	10467106	Base assembly.....	225
20034906	Flue collector, MiniTherm II.....	225	JACKET / BASE COMPONENTS		
20069101	Burner cover.....	50-75	"Square corner" Jacket components - before 2004		
20069102	Burner cover.....	100-125	<i>Some parts are limited to stock on hand</i>		
20069105	Burner cover.....	160	10470101	Gas closure, left & right, MiniTherm I.....	50/100
20069106	Burner cover.....	225	10470102	Gas closure, left & right, MiniTherm I.....	75/125-225
T0021701	Rear tile.....	50	10470301	Flue collector, MiniTherm I.....	50
T0021702	Rear tile.....	75	10470302	Flue collector, MiniTherm I.....	75
T0021703	Rear tile.....	100	10470303	Flue collector, MiniTherm I.....	100
T0021704	Rear tile.....	125	10470304	Flue collector, MiniTherm I.....	125
T0021705	Rear tile.....	160	10470305	Flue collector, MiniTherm I.....	160
T0021706	Rear tile.....	225	10470306	Flue collector, MiniTherm I.....	225
T0022001	Front tile.....	50	10484606	Heat shield front panel.....	all
T0022002	Front tile.....	75	10535900	Access panel, heat exchanger.....	all
T0022003	Front tile.....	100	20034801	Draft diverter, square corner jacket.....	50
T0022004	Front tile.....	125	20034802	Draft diverter, square corner jacket.....	75
T0022605	Front tile.....	160	20034803	Draft diverter, square corner jacket.....	100
T0022606	Front tile.....	225	20034804	Draft diverter, square corner jacket.....	125
JACKET / BASE COMPONENTS			20034805	Draft diverter, square corner jacket.....	160
"Round corner" Jacket components - 2004 and later			20034806	Draft diverter, square corner jacket.....	225
10500601	Burner cover, MiniTherm II.....	50	20086800	Base, control box, MiniTherm II.....	50-75
10500602	Burner cover, MiniTherm II.....	75	20087100	Control box cover, MiniTherm II.....	all
10500603	Burner cover, MiniTherm II.....	100	20099801	Rear panel, sq corner jacket, MiniTherm II.....	50
10500604	Burner cover, MiniTherm II.....	125	20099802	Rear panel, sq corner jacket, MiniTherm II.....	75
10494105	Burner cover, MiniTherm II.....	160	20099803	Rear panel, sq corner jacket, MiniTherm II.....	100
10494106	Burner cover, MiniTherm II.....	225	20099804	Rear panel, sq corner jacket, MiniTherm II.....	125
11019401	Top panel, MiniTherm II.....	50	20099805	Rear panel, sq corner jacket, MiniTherm II.....	160
11019402	Top panel, MiniTherm II.....	75	20099806	Rear panel, sq corner jacket, MiniTherm II.....	225
11019403	Top panel, MiniTherm II.....	100	20052601	Draffhood, MiniTherm I (mushroom top).....	50
11019404	Top panel, MiniTherm II.....	125	20052602	Draffhood, MiniTherm I (mushroom top).....	75-100
11019405	Top panel, MiniTherm II.....	160	20052603	Draffhood, MiniTherm I (mushroom top).....	125-160
11019406	Top panel, MiniTherm II.....	225	20052604	Draffhood, MiniTherm I (mushroom top).....	225
11020101	Draft diverter, MiniTherm II.....	50	RE2071501	Vent damper, 4".....	50
11020102	Draft diverter, MiniTherm II.....	75	RE2071502	Vent damper, 5".....	75-100
11020103	Draft diverter, MiniTherm II.....	100	RE2071503	Vent damper, 6".....	125-160
11020104	Draft diverter, MiniTherm II.....	125	RE2071504	Vent damper, 7".....	225
11020105	Draft diverter, MiniTherm II.....	160	10466701	Non-combustible base.....	50-75
11020106	Draft diverter, MiniTherm II.....	225	10466702	Non-combustible base.....	100-125
RE2071501	Vent damper, 4".....	50	10466703	Non-combustible base.....	160
RE2071502	Vent damper, 5".....	75-100	10466704	Non-combustible base.....	225
RE2071503	Vent damper, 6".....	125-160	10467101	Base assembly.....	50
RE2071504	Vent damper, 7".....	225	10467102	Base assembly.....	75
11045801	Cover, control panel, MiniTherm II.....	50-75	10467103	Base assembly.....	100
11045802	Cover, control panel, MiniTherm II.....	100-225	10467104	Base assembly.....	125
11045901	Cover, control panel, rev 2**.....	all	10467105	Base assembly.....	160
11047603	Cover, top, piping, MiniTherm II.....	50/100	10467106	Base assembly.....	225
11047604	Cover, top, piping, MiniTherm II.....	75/125/160	POWER VENTERS		
11047606	Cover, top, piping, MiniTherm II.....	225	20020500	Power venter for up to 100-ft vent run.....	50-100
11020201	Rear panel, MiniTherm II.....	50/75	20020601	Power venter for up to 100-ft vent run.....	125-160
11020203	Rear panel, MiniTherm II.....	100/125	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	R2000414	2001-5000 ft.....	125
R2000213	0-2000 ft.....	125	R2000415	5001-8000 ft.....	125
R2000214	2001-5000 ft.....	125	R2000416	8001-10,000 ft.....	125
R2000215	5001-8000 ft.....	125	R2000417	0-2000 ft.....	160
R2000216	8001-10,000 ft.....	125	R2000418	2001-5000 ft.....	160
R2000217	0-2000 ft.....	160	R2000419	5001-8000 ft.....	160
R2000218	2001-5000 ft.....	160	R2000420	8001-10,000 ft.....	160
R2000219	5001-8000 ft.....	160	R2000421	0-2000 ft.....	225
R2000220	8001-10,000 ft.....	160	R2000422	2001-5000 ft.....	225
R2000221	0-2000 ft.....	225	R2000423	5001-8000 ft.....	225
R2000222	2001-5000 ft.....	225	R2000424	8001-10,000 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

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	R0394905	Flue outlet replacement kit, LP.....	125
20400703	Base weldment.....	100	R0394906	Flue outlet replacement kit, Nat.....	160
20400704	Base weldment.....	125	R0394907	Flue outlet replacement kit, LP.....	160
20400705	Base weldment.....	160	R0394908	Flue outlet replacement kit, Nat.....	225
20400706	Base weldment.....	225	R0394909	Flue outlet replacement kit, LP.....	225
20403301	Burner cover.....	50	5001-10,000 ft.		
20403302	Burner cover.....	75	R0394910	Flue outlet replacement kit, Nat.....	50
20403303	Burner cover.....	100	R0394911	Flue outlet replacement kit, LP.....	50
20403304	Burner cover.....	125	R0394912	Flue outlet replacement kit, Nat.....	75
20403305	Burner cover.....	160	R0394913	Flue outlet replacement kit, LP.....	75
20403306	Burner cover.....	225	R0394914	Flue outlet replacement kit, Nat.....	100
11045901	Control panel cover.....	all	R0394915	Flue outlet replacement kit, LP.....	100
FUEL CONVERSION KITS			R0394916	Flue outlet replacement kit, Nat.....	125
Note: For converting boilers fuels at the same altitude					
JVH NATURAL GAS TO PROPANE					
R2000501	0-5000 ft.....	50	R0394917	Flue outlet replacement kit, LP.....	125
R2000502	5001-8000 ft.....	50	R0394918	Flue outlet replacement kit, Nat/LP.....	160
R2000503	8001-10,000 ft.....	50	R0394919	Flue outlet replacement kit, Nat.....	225
R2000504	0-5000 ft.....	75	R0394920	Flue outlet replacement kit, LP.....	225
R2000505	5001-8000 ft.....	75	ACCESSORIES		
R2000506	8001-10,000 ft.....	75	D2000401	Vent terminal, 6".....	all
			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>					
ELECTRICAL / CONTROL COMPONENTS					
R2006600	Temperature control sensor probe.....	all	P0025300	Nipple, brass, 3/4"NPT x 2".....	all
WATERWAY COMPONENTS					
1-070	Tubing, copper, 7/8" O.D. (sold by the foot).....	all	P0029400	Tee, 1" x 1" x 3/4" black.....	MCH
11-088	Elbow, street, NPT.....	all	P2014800	Fitting, 7/8O.D. x 3/4" NPT.....	all
A0066500	Pump, 1/25 hp.....	all	P2015400	Tee, black, 1 1/4" x 1 1/4" x 3/4" NPT.....	MCS, MCT
A2085400	Relief valve.....	all	P2016900	Elbow, black 90°, 3/4" x 1" NPT.....	all
A2085600	Check valve, 3/4" NPT.....	all	P2019200	Cross, black, 1 1/4" NPT.....	MCH
A2085700	Drain valve, tank.....	all	JACKET COMPONENTS		
A2085900	Immersion well.....	MCH	20084000	Mounting bracket.....	MCS, MCT
A2086600	Check valve, 1 1/4" NPT.....	all	20085400	Tank support bracket.....	MCH
A2086700	Flange, 3" NPT.....	all	20085600	Top panel assembly.....	all
P0008300	Elbow, black 90°, 3/4" NPT.....	all	20085700	Base panel assembly.....	all
P0014100	Nipple, 3/4" x close.....	all	20085900	Rear panel.....	all
P0014400	Nipple, black.....	MCH	20086300	Door panel assembly.....	all
P0014500	Nipple, black, 3/4" NPT x 3".....	MCS, MCT	20086400	Right side panel.....	all
P0015100	Nipple, 1 1/4" x close.....	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
265-42351-02	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	229-51230-10	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
2400-126	Orifice kit, natural.....	60	2400-112	Pressure relief valve, 30 psi, ASME.....	all
2400-128	Orifice kit, propane.....	60	2400-114	Gauge, pressure/temp, back mount.....	all
2400-006	Transformer, 40 VA	all	2400-236	High vent, float type.....	all
2400-008	R-1 relay, 8 terminals (before x91-1319).....	all			
2400-010	R-2 / R-3 relay, 4 terms (x91-1319 & after).....	all			

List Prices. All Products.

Effective July 18, 2022

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
0		10485306	11.29	12H3003	606.10	15X3037	98.85
05P2100	2827.24	10494105	101.99	12H3004	961.47	15X3038	92.19
05P7400	523.14	10494106	107.50	12H3005	316.97	15X5004	50.02
07P2100	3066.17	10500601	90.41	12H3006	3.58	15X6001	107.74
		10500602	116.81	12H3007	23.15	17P2100	4039.18
1		10500603	118.91	12H3009	14.89	17P7400	523.14
1-036	9.92	10500604	118.91	12H3010	35.28	2	
1-054	54.60	10535900	60.64	12H3011	198.19	2C1000	497.78
1-070	18.64	10562300	44.10	12H3012	13.50	2C2001	160.97
1-448	3.94	10582200	163.15	12H3015	149.11	2C2002	69.46
1-579	23.71	10582201	174.58	12H3016	35.28	2C2006	144.15
1-580	23.71	10582202	146.63	12H3017	51.42	2C2008	63.40
10-103	3.15	10582203	161.68	12H3018	140.13	2C2009	38.01
10-332	13.91	10582204	146.63	12H3019	140.13	2C2015	45.48
10-596	4.45	10582205	161.68	12H3020	60.09	2C2016	45.48
10P2100	3397.63	10582206	172.35	12H3023	7.72	2C2017	29.06
10X1000	564.74	10582207	167.85	12H3025	961.47	2C2018	3.31
10X2000	2685.69	10582208	159.44	12H3033	581.29	2C2019	44.17
10X2012	42.45	11-088	14.06	12H4001	436.01	2C2023	160.14
10X2020	24.13	11019401	59.48	12H4004	301.09	2C2100	110.52
10X3019	119.74	11019402	59.48	12H4006	68.47	2C2201	198.45
10X3030	209.39	11019403	65.06	12H4008	107.50	2C2300	144.70
10X3031	54.88	11019404	65.06	12H4010	59.54	2C2500	170.89
10X3037	85.23	11019405	71.95	12H4011	181.08	2C2601	198.45
10X3038	76.58	11019406	82.55	12H4012	121.00	2C3010	37.49
10X5004	47.46	11020101	217.19	12H4019	29.49	2C3014	54.58
10X6001	80.38	11020102	219.67	12H4022	3.15	2C3015	36.20
10338600	21.78	11020103	233.18	12H5002	11.58	2C3016	92.87
10449514	19.02	11020104	244.21	12H5500	118.80	2C3021	148.56
10449515	20.95	11020105	253.03	12H5501	4.97	2C3220	172.82
10449516	23.98	11020106	274.25	12H7001	141.12	2C3420	146.91
10466701	227.39	11020201	56.23	12H7002	141.12	2C3520	146.91
10466702	238.97	11020203	60.09	12H7003	141.12	2C3620	79.94
10466703	252.20	11020205	82.69	12H7004	60.36	2C3621	65.09
10466704	271.49	11020206	82.69	12H7005	8.74	2C3622	79.94
10467101	368.24	11027901	213.34	12H7008	13.23	2C3623	82.12
10467102	376.23	11027903	222.98	12H7010	315.04	2C3700	94.82
10467103	387.53	11027905	232.35	12P2065	16.93	2C3800	288.49
10467104	388.91	11027906	246.41	12P2100	3620.16	2C4001	124.31
10467105	416.75	11028301	63.67	12P3004	101.70	2C4002	26.78
10467106	445.68	11028303	69.18	12P3005	265.98	2C4103	207.54
10469501	9.58	11028305	74.97	12P3006	152.42	2C5000	163.73
10469502	10.56	11028306	86.27	12P7015	101.70	2C7002	48.49
10469503	11.55	11028401	92.61	12P7400	544.91	2C7003	43.95
10469504	12.54	11028402	92.61	12X1000	603.49	2C7004	20.67
10469505	14.50	11028403	98.40	12X2000	2809.17	2C7005	22.05
10469506	17.45	11028404	98.40	12X2012	42.72	2F3000	1781.39
10470101	25.49	11028405	105.84	12X2020	25.63	2F3019	85.19
10470102	24.39	11028406	116.59	12X3019	128.12	2F3020	1988.48
10470301	176.96	11028501	58.71	12X3030	224.35	2F4122	650.75
10470302	181.76	11028503	60.91	12X3031	57.02	2F7001	100.15
10470303	184.86	11028505	65.60	12X3037	92.03	2F7002	96.14
10470304	193.54	11028506	72.77	12X3038	84.39	20X1000	721.83
10470305	201.57	11045801	57.60	12X5004	48.74	20X2000	3500.44
10470306	218.47	11045802	57.89	12X6001	86.09	20X2012	43.81
10472500	25.33	11045901	49.14	15P2100	3829.31	20X2020	30.12
10472600	30.32	11047601	29.93	15X1000	642.23	20X3019	153.22
10484606	67.01	11047602	27.56	15X2000	3190.64	20X3030	280.12
10485301	9.09	11047603	31.43	15X2012	43.00	20X3037	112.62
10485302	9.38	11047604	29.40	15X2020	27.12	20X3038	107.79
10485303	9.65	11047606	28.09	15X3019	136.50	20X5004	52.57
10485304	9.62	12H2500	28.12	15X3030	231.72	20X6001	126.32
10485305	10.00	12H3001	415.30	15X3031	59.15		

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
20020500	2475.11	20403003	263.50	2400-016	144.15	2400-433	362.49
20020601	2537.96	20403004	265.98	2400-018	123.75	2400-435	412.46
20020602	3287.66	20403005	300.22	2400-020	214.44	2400-437	49.43
20034801	315.59	20403006	334.44	2400-024	158.49	2400-441	578.81
20034802	319.73	20403301	50.17	2400-026	96.80	2400-442	356.66
20034803	334.06	20403302	50.17	2400-028	125.69	2400-443	256.05
20034804	346.74	20403303	54.02	2400-029	70.29	2400-444	256.05
20034805	355.83	20403304	54.02	2400-032	3826.78	2400-445	172.82
20034806	395.75	20403305	59.26	2400-040	246.41	2400-446	135.06
20034901	90.11	20403306	66.98	2400-042	48.78	2400-448	327.44
20034902	95.15	20403901	191.84	2400-046	112.73	2400-450	211.68
20034903	103.72	20403902	194.87	2400-049	201.60	2400-451	305.95
20034904	108.89	20403903	195.70	2400-052	110.36	2400-452	198.45
20034905	115.95	20403904	196.52	2400-056	90.41	2400-506	241.45
20034906	165.33	20403905	198.72	2400-057	121.00	2400-508	53.48
20052601	404.89	20403906	212.55	2400-062	88.76	2400-510	3824.57
20052602	364.79	20404602	7.94	2400-106	494.75	2400-512	4424.33
20052603	503.57	20404603	7.94	2400-110	111.63	2400-514	65.32
20052604	555.11	20404604	7.94	2400-112	97.85	2400-516	338.19
20069101	118.52	20404605	7.94	2400-114	109.15	2400-518	343.15
20069102	118.52	20404606	7.94	2400-118	190.46	2400-520	1918.35
20069105	130.10	20404607	7.94	2400-120	193.77	2400-522	95.29
20069106	136.98	20404608	7.94	2400-122	190.46	2400-524	790.22
20071500	53.48	20404609	7.94	2400-124	193.77	2400-526	237.87
20084000	52.03	20404610	7.94	2400-126	190.46	2400-528	19.52
20085400	19.02	20404611	7.94	2400-128	193.77	2400-530	38.49
20085600	605.39	20404612	7.94	2400-141	127.89	2400-538	485.93
20085700	568.34	20404613	7.94	2400-142	448.95	2400-539	284.17
20085900	179.52	20404614	7.94	2400-145	305.17	2400-540	72.49
20086300	328.03	20404615	7.94	2400-146	203.42	2400-546	692.64
20086400	255.97	20404616	7.94	2400-152	1055.65	2400-548	364.10
20086500	75.39	224-38508-07	95.64	2400-153	988.67	2400-550	133.09
20086800	90.13	224-38508-08	55.68	2400-224	529.73	2400-552	178.33
20087100	59.81	224-48138-00	464.71	2400-226	144.15	2400-556	162.62
20087300	15.28	224-49559-04	113.56	2400-228	122.38	2400-560	148.01
20099801	58.55	227-48070-01	39.96	2400-236	62.84	2400-562	185.78
20099802	58.55	227-49556-02	86.27	2400-277	141.68	2400-566	73.41
20099803	68.04	229-43632-01	102.59	2400-280	75.41	2400-568	136.16
20099804	68.04	229-43632-04	70.29	2400-281	59.54	2400-570	545.46
20099805	82.69	229-51230-02	69.18	2400-320	88.76	2400-572	70.83
20099806	95.91	229-51230-03	102.59	2400-370	499.99	2400-574	149.94
20127900	380.25	229-51230-06	65.89	2400-386	966.62	2400-586	1545.71
20129300	9.65	229-51230-10	65.89	2400-388	1242.52	2400-590	124.04
20400701	346.19	229-51230-13	102.59	2400-392	60.09	2400-592	382.57
20400702	346.19	229-51230-16	65.89	2400-407	264.85	2400-593	3513.67
20400703	364.65	22P2100	4428.04	2400-408	224.41	2400-594	4125.16
20400704	364.65	230-32920-01	57.75	2400-409	200.60	2400-650	1259.62
20400705	387.81	230-32920-04	75.24	2400-410	117.97	243-44416-00	230.42
20400706	414.54	230-33630-04	229.92	2400-411	125.61	265-42351-02	45.32
20401601	1830.07	230-40594-02	64.33	2400-412	320.28		
20401602	1866.13	233-43315-00	97.57	2400-413	125.61		
20401603	1907.90	239-44069-01	140.00	2400-415	170.76	3C1000	572.78
20401604	1936.17	239-44069-02	140.00	2400-416	258.00	3C2001	245.58
20401605	2022.29	2400-001	190.75	2400-418	434.94	3C2006	173.09
20401606	2456.79	2400-002	1370.41	2400-419	340.67	3C2008	66.71
20402401	1777.77	2400-003	44.37	2400-420	395.83	3C2009	46.24
20402402	1820.64	2400-004	968.55	2400-421	390.29	3C2017	40.20
20402403	1870.05	2400-005	409.03	2400-422	316.97	3C2019	50.49
20402404	1905.76	2400-006	172.55	2400-423	283.07	3C2023	190.73
20402405	2008.50	2400-008	95.71	2400-424	500.58	3C2100	111.35
20402406	2139.89	2400-010	173.65	2400-425	463.61	3C3021	170.92
20403001	252.75	2400-012	351.97	2400-426	112.48	3C3220	181.37
20403002	255.23	2400-014	498.89	2400-428	636.56	3C3702	57.21

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3C7002	61.46	5X3019	104.15	C		CA50D7182	1711.11
3F3000	1856.12	5X3030	187.70	CA005400	81.00	CA50D7183	1711.11
3F3019	95.33	5X3031	50.73	CA005500	174.83	D	
3F3020	2090.15	5X3037	69.75	CA005600	76.35	D2000401	684.11
30-103	9.45	5X3038	61.30	CA006201	64.00	D2004201	38.04
30-119	3.15	5X5002	21.22	CA006202	64.00	D2004300	636.97
30-188	3.15	5X5004	46.03	CA006203	64.00	E	
30-192	13.91	5X6001	59.75	CA006204	64.00	E0000700	3.86
30-205	6.34	50D7508	15.51	CA006205	64.00	E0025902	31.88
30-251	36.11	50D7516	27.56	CA006206	27.00	E0088400	77.84
30-253	20.59	500-168	3.31	CA019400	215.00	E0098500	9.19
30-310	417.07	7		CA019501	1619.00	E0099100	43.31
30-616	13.91	7X1000	523.88	CA019502	1619.00	E0101800	53.91
30-677	17.83	7X2000	2561.11	CA019600	628.00	E0102000	3.15
30-678	57.12	7X2012	42.17	CA019901	81.00	E0180500	115.76
30D3311	106.67	7X2020	22.63	CA019902	81.00	E0234201	110.52
30D3312	156.28	7X2020	22.63	CA019903	81.00	E0253100	294.64
30D3313	92.61	7X3019	111.36	CA019904	81.00	E0253400	208.93
30D3314	138.92	7X3030	197.12	CA019905	90.00	E0253900	69.04
31-325	97.02	7X3031	52.76	CA019906	90.00	E2039500	11.58
36-010	157.89	7X3037	76.28	CA019907	90.00	E2074501	66.98
36-028	20.67	7X3038	68.78	CA019908	90.00	E2074502	63.79
36-288	3.15	7X5004	46.58	CA019909	99.00	E2074503	63.79
36-640	236.83	7X6001	75.60	CA019910	99.00	E2074504	63.79
36-641	105.28	8		CA019911	99.00	E2074505	63.79
36-642	105.28	8D3327	70.83	CA019912	99.00	E2074506	63.79
36-643	282.40	8D3328	65.05	CA019913	109.00	E2102800	345.19
4		8D3329	76.63	CA019914	109.00	E2103200	27.56
4C1000	683.55	8D3330	71.94	CA019915	109.00	E2105600	102.53
4C2001	303.46	85D1005	63.67	CA019916	109.00	E2304800	113.56
4C2006	211.13	A		CA019917	119.00	E2318900	11.55
4C2008	70.56	A0063300	69.04	CA019918	119.00	E2324000	203.69
4C2009	55.83	A0066500	273.15	CA019919	119.00	E2324200	172.55
4C2017	52.48	A0076701	683.82	CA019920	119.00	E2327500	57.89
4C2019	58.67	A0076805	1156.05	CA019921	129.00	E2327700	9.09
4C2023	232.35	A0095605	785.54	CA019922	129.00	E2327800	27.56
4C2100	112.18	A0095605	785.54	CA019923	129.00	E2327900	3.86
4C3021	200.34	A0095705	980.68	CA019924	129.00	E2334500	30.87
4C3220	209.75	A2000400	68.25	CA020001	25.00	E2334502	12.96
4C3700	96.75	A2085400	54.58	CA020002	25.00	E2334900	35.55
4C7002	76.57	A2085600	185.78	CA020003	25.00	E2335000	9.09
4F3000	1954.16	A2085700	30.60	CA020004	25.00	E2335100	9.09
4F3019	107.16	A2085900	82.96	CA020005	28.00	E2336500	29.49
4F3020	2188.19	A2086600	225.18	CA020006	28.00	E2337400	208.93
40-010	121.02	A2086700	24.26	CA020007	28.00	E2338600	68.36
40-014	821.16	A2087600	14.18	CA020008	28.00	E2343200	312.01
40-250	346.79	A2108100	19.85	CA020009	33.00	E2345700	38.06
40-301	312.51	A2112300	159.86	CA020010	33.00	E2347400	45.48
40-302	143.30	A2114400	1212.75	CA020011	33.00	E2347500	148.84
40-303	118.86	A2117400	159.86	CA020012	33.00	E2347700	100.88
40-304	224.06	A2117500	39.96	CA020013	37.00	E2348100	44.89
40-310	110.81	A2117600	64.50	CA020014	37.00	E2348700	234.83
40-325	68.63	A2117700	316.42	CA020015	37.00	E2356800	173.65
40-678	58.34	A2120300	2695.61	CA020016	37.00	E2357000	30.04
5		A2122004	484.00	CA020017	43.00	E2357200	47.13
5X1000	486.89	A2122400	682.72	CA020018	43.00	E2357300	3.15
5X2000	2442.04	A2122500	774.51	CA020019	43.00	E2357500	45.20
5X2012	41.90	A2122600	652.68	CA020020	43.00	E2357700	3.15
5X2020	21.18	A2123605	140.65	CA020021	51.00	E2401400	353.63
5X207201	57.06	A2123606	551.25	CA020022	51.00		
5X207202	57.33	A2136500	296.30	CA020023	51.00		
				CA020024	51.00		
				CA50D7181	1711.11		

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E2402100	8.27	FT1072	90.51	FT1530	33.95	FT1809	93.17
E2402600	48.78	FT1073	251.93	FT1535	37.12	FT1810	43.47
E2402700	65.88	FT1076	24.74	FT1538	30.77	FT1811	43.47
E2402800	66.42	FT1082	37.12	FT1539	30.77	FT1812	31.43
E2402900	35.55	FT1086	38.39	FT1544	24.74	FT1813	27.59
E2403400	68.63	FT1100	970.47	FT1548	41.56	FT1821	30.77
E2404200	113.56	FT1107	30.77	FT1549	119.65	FT1822	43.47
E2407000	19.30	FT1108	30.77	FT1601	24.74	FT1823	87.91
E2407200	58.71	FT1109	37.12	FT1603	27.59	FT1824	37.12
		FT1111	37.12	FT1604	31.72	FT1826	64.22
F		FT1112	43.47	FT1606	33.95	FT1827	37.12
F0002100	3.15	FT1114	37.12	FT1609	27.59	FT1836	27.59
F0029300	3.15	FT1115	132.35	FT1618	37.12	FT1838	280.35
F0034000	3.15	FT1116	184.95	FT1620	152.97	FT1846	43.47
F0035900	3.15	FT1119	24.86	FT1635	46.64	FT1852	1606.34
F0040800	3.15	FT1120	37.12	FT1638	43.47	FT1853	81.55
F0046100	3.31	FT1121	37.12	FT1643	25.05	FT1854	49.81
F0051400	3.15	FT1122	56.16	FT1644	25.05	FT1855	49.81
F2001900	3.15	FT1200	826.60	FT1645	25.05	FT1856	49.81
F2007001	3.15	FT1208	30.77	FT1646	25.05	FT1860	49.81
F2007002	3.15	FT1215	56.16	FT1661	27.59	FT1861	19.00
F2007003	3.58	FT1216	49.81	FT1665	68.86	FT1862	293.54
F2007004	3.15	FT1217	30.77	FT1669	30.77	FT1863	293.54
F2007005	3.58	FT1218	37.12	FT1672	467.46	FT1864	293.54
F2007006	3.58	FT1219	43.47	FT1685	24.74	FT1865	37.12
F2011600	3.15	FT1220	105.79	FT1687	24.74	FT1866	37.12
F2015900	3.15	FT1222	480.42	FT1691	24.74	FT1867	37.12
F2022300	30.14	FT1307	56.16	FT1708	39.02	FT1868	86.00
F2022400	3.15	FT1310	46.64	FT1710	3.41	FT1876	113.31
F2023700	3.15	FT1313	1886.38	FT1719	24.74	FT1893	40.29
F2025000	3.15	FT1314	112.18	FT1720	37.12	FT1894	30.77
F2025300	3.15	FT1315	57.89	FT1721	30.77	FT1903	136.48
F2025502	8.55	FT1316	37.12	FT1730	37.12	FT1904	134.76
F2027000	3.15	FT1321	113.31	FT1758	2374.79	FT1905	136.48
F2027500	3.58	FT1322	94.26	FT1759	391.11	FT1906	136.48
F2027600	3.15	FT1323	305.67	FT1760	52.99	FT1915	30.77
F2027700	3.15	FT1324	46.64	FT1764	54.89	FT1916	374.02
F2028200	3.15	FT1325	37.12	FT1765	214.88	FT1917	33.95
F2029000	9.92	FT1327	37.12	FT1767	462.22	FT1918	30.77
F2029300	3.15	FT1329	33.95	FT1768	94.26	FT1919	30.77
FT1002	68.86	FT1406	164.09	FT1770	46.64	FT1921	27.59
FT1010	68.86	FT1407	306.77	FT1771	27.59	FT1922	30.77
FT1013	27.59	FT1409	62.51	FT1772	27.59	FT1923	119.65
FT1015	57.89	FT1412N	49.81	FT1773	43.47	FT1924	27.59
FT1020	37.12	FT1412P	49.81	FT1774	30.77	FT1927	87.91
FT1021	37.12	FT1413	302.36	FT1775	246.62	FT1928	68.86
FT1022	49.81	FT1415	30.77	FT1777	30.77	FT1929	30.60
FT1025	87.91	FT1416	183.14	FT1779	30.77	FT1936	30.77
FT1049	33.95	FT1419	246.62	FT1780	30.77	FT1937	986.19
FT1050	27.66	FT1500	402.69	FT1783	245.03	FT1938	758.79
FT1051	34.14	FT1501	94.26	FT1784	81.55	FT1939	27.59
FT1053	151.40	FT1506	43.47	FT1793	39.02	FT1946	49.81
FT1054	113.31	FT1513	30.77	FT1794	314.49	FT1947	49.81
FT1055	30.77	FT1515	30.77	FT1795	32.04	FT1948	49.81
FT1057	30.77	FT1516	30.77	FT1796	372.92	FT1949	119.65
FT1058	72.22	FT1518	51.08	FT1797	30.77	FT1950	296.30
FT1060	27.59	FT1520	24.74	FT1798	635.60	FT1992	1955.84
FT1064	24.74	FT1522	49.81	FT1802	30.77	FT2000	54.89
FT1067	63.79	FT1523	30.77	FT1804	49.81	FT2002	54.25
FT1068	1941.50	FT1524	25.05	FT1805	52.15	FT2004	382.57
FT1069	37.12	FT1527	49.81	FT1806	49.81	FT2005	130.37
FT1070	204.09	FT1528	27.59	FT1807	43.47	FT2006	389.46
FT1071	157.74	FT1529	37.12	FT1808	49.81	FT2007	32.35

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FT2008	77.75	FT2116	51.72	FT3061	68.86	FT3127	56.16
FT2009	30.77	FT2117	72.67	FT3062	25.05	FT3128	261.29
FT2010	81.55	FT2119	108.22	FT3063	186.05	FT3129	209.20
FT2012	46.64	FT2120	37.12	FT3064	81.55	FT3136	33.31
FT2013	1622.88	FT2121	54.89	FT3065	97.43	FT3137	37.12
FT2014	260.91	FT2122	60.92	FT3066	65.69	FT3138	36.79
FT2015	176.40	FT2123	43.14	FT3067	59.34	FT3139	32.35
FT2016	43.47	FT2124	40.92	FT3068	49.81	FT3143	120.29
FT2017	26.01	FT2128	57.44	FT3069	78.38	FT3144	81.55
FT2018	40.92	FT2129	37.12	FT3070	72.03	FT3145	208.10
FT2019	33.31	FT2130	229.32	FT3071	87.91	FT3146	109.18
FT2020	26.32	FT2131	1601.93	FT3072	62.51	FT3147	208.10
FT2021	689.59	FT2132	372.65	FT3073	59.34	FT3148	110.76
FT2022	32.66	FT2133	154.08	FT3074	100.71	FT3149	54.89
FT2029	42.51	FT3010	65.69	FT3075	72.03	FT3150	281.14
FT2030	33.31	FT3011	40.29	FT3076	65.69	FT3151	192.94
FT2031	71.40	FT3012	33.95	FT3077	65.69	FT3152	239.52
FT2032	26.01	FT3013	30.77	FT3078	30.77	FT3153	43.79
FT2033	29.93	FT3014	24.74	FT3079	75.21	FT3156	156.28
FT2034	87.91	FT3015	65.69	FT3080	49.81	FT3157	109.18
FT2036	26.95	FT3016	43.47	FT3081	84.74	FT3158	146.32
FT2037	1834.56	FT3017	30.77	FT3082	59.34	FT3159	105.37
FT2038	325.24	FT3018	27.59	FT3083	65.69	FT3160	31.41
FT2040	43.47	FT3019	30.77	FT3084	37.12	FT3163	42.83
FT2041	55.21	FT3020	33.95	FT3085	27.59	FT3164	519.83
FT2043	35.53	FT3021	37.12	FT3086	100.71	FT3165	41.87
FT2044	32.66	FT3022	209.20	FT3087	62.51	FT3166	201.21
FT2047	55.13	FT3023	30.77	FT3088	59.34	FT3167	30.77
FT2050	178.06	FT3024	49.81	FT3089	24.74	FT3171	418.05
FT2053	210.03	FT3025	33.95	FT3090	106.95	FT3172	478.76
FT2064	49.18	FT3026	49.81	FT3091	91.09	FT3176	25.38
FT2065	27.59	FT3027	30.77	FT3092	24.74		
FT2066	127.90	FT3028	37.12	FT3093	2465.19	L	
FT2067	1747.46	FT3029	40.29	FT3094	401.58	L0032200	13.39
FT2068	49.18	FT3030	37.12	FT3095	56.16	L0032600	13.39
FT2069	986.19	FT3031	33.95	FT3096	24.74	L0032700	13.39
FT2070	44.10	FT3032	37.12	FT3097	27.59	L0032800	13.39
FT2071	78.38	FT3033	37.12	FT3098	91.09	L0032900	13.39
FT2072	51.08	FT3035	296.03	FT3099	75.21	L0039000	48.78
FT2073	727.10	FT3037	33.95	FT3100	33.95	L0050300	13.39
FT2084	114.58	FT3038	470.77	FT3101	27.59	L0050400	13.39
FT2085	37.12	FT3039	40.29	FT3102	24.74	L0050700	13.39
FT2087	72.03	FT3040	24.74	FT3104	167.03	L0052500	24.53
FT2094	58.38	FT3041	24.74	FT3105	75.21	L0052601	55.13
FT2096	398.28	FT3042	24.74	FT3106	216.36	L0052602	55.13
FT2097	216.36	FT3043	24.74	FT3107	33.95	L0052603	55.13
FT2098	91.72	FT3044	24.74	FT3108	216.36	L0052604	68.91
FT2099	327.17	FT3045	24.74	FT3109	33.95	L0052605	68.91
FT2100	154.08	FT3046	489.24	FT3110	30.77	L0052606	68.91
FT2101	53.31	FT3047	84.74	FT3111	43.47	L0055900	7.72
FT2102	60.92	FT3048	75.21	FT3112	37.12	L0056500	41.48
FT2103	43.14	FT3049	530.03	FT3113	46.64	L0062900	8.82
FT2104	39.02	FT3050	470.77	FT3114	37.12	L0063000	17.37
FT2106	91.40	FT3051	75.21	FT3115	24.74	L0063300	76.07
FT2107	44.10	FT3052	68.86	FT3116	24.74	L0063402	119.07
FT2108	78.38	FT3053	122.83	FT3117	78.38	L0063403	145.80
FT2109	66.71	FT3054	72.03	FT3118	87.91	L0063404	119.07
FT2110	603.07	FT3055	37.12	FT3119	40.29	L0063405	156.28
FT2111	49.81	FT3056	25.05	FT3120	30.77	L0063413	145.80
FT2112	63.79	FT3057	227.67	FT3121	43.47	L0063414	156.28
FT2113	49.18	FT3058	113.31	FT3122	37.12	L0063416	153.25
FT2114	154.91	FT3059	97.43	FT3123	37.12	L0063418	179.43
FT2115	42.83	FT3060	100.71	FT3124	227.67	L0063702	115.49

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L0063703	134.78	R0394918	93.71	R2000115	221.88	R2000418	109.42
L0063704	142.50	R0394919	93.71	R2000116	269.01	R2000419	118.52
		R0394920	93.71	R2000117	272.04	R2000420	104.46
P		R0402001	2343.92	R2000118	254.68	R2000421	121.83
P0008300	9.38	R0402002	2418.89	R2000201	192.69	R2000422	121.83
P0014100	4.97	R0402003	2496.06	R2000202	216.65	R2000423	131.20
P0014400	5.79	R0402004	2571.03	R2000203	216.36	R2000424	111.08
P0014500	4.97	R0402005	2952.50	R2000204	216.36	R2000501	112.46
P0015100	7.88	R0402006	3240.25	R2000205	197.90	R2000502	113.01
P0019100	13.39	R0402007	2309.74	R2000206	221.06	R2000503	109.15
P0025300	22.32	R0402008	2339.51	R2000207	220.77	R2000504	124.58
P0026800	7.98	R0402009	2414.48	R2000208	220.77	R2000505	125.69
P0026900	14.85	R0402010	2489.45	R2000209	202.31	R2000506	120.45
P0029400	23.87	R0402011	2868.71	R2000210	225.47	R2000507	136.98
P0054900	15.99	R0402012	3206.07	R2000211	224.91	R2000508	138.09
P2014800	22.61	R0407700	455.61	R2000212	224.91	R2000509	131.20
P2015400	36.38	R0409701	337.58	R2000213	206.72	R2000510	149.39
P2015900	5.51	R0409702	337.58	R2000214	229.88	R2000511	150.77
P2016900	15.94	R0409703	328.65	R2000215	229.05	R2000512	142.22
P2019200	52.65	R0409704	328.65	R2000216	229.05	R2000513	173.92
P2019500	37.76	R0409705	331.54	R2000217	214.16	R2000514	176.13
P2022100	37.36	R0409706	355.95	R2000218	237.31	R2000515	176.13
P2023801	161.24	R0560701	130.92	R2000219	237.31	R2000516	211.13
P2067603	17.91	R10-143	50.44	R2000220	223.26	R2000517	213.89
P2074500	26.19	R10907700	275.32	R2000221	226.57	R2000518	213.89
P2074600	55.13	R10907701	248.76	R2000222	249.99	R2000601	133.96
P2093100	16.26	R10907702	303.59	R2000223	249.99	R2000602	133.96
P2142900	24.44	R10956000	57.33	R2000224	229.88	R2000603	143.05
P2143000	3.00	R10D3005	65.32	R2000301	324.14	R2000604	143.05
		R10X2013	251.37	R2000302	324.14	R2000605	145.80
Q		R10X3032	103.64	R2000303	324.14	R2000606	145.80
Q0068400	12.04	R10X3045	266.79	R2000304	328.00	R2000607	154.62
Q2016900	33.08	R12H7009	59.54	R2000305	328.00	R2000608	154.62
		R12H7060	940.16	R2000306	328.00	R2000609	157.66
R		R12H7061	940.16	R2000307	336.41	R2000610	157.66
R0021300	132.30	R12X2013	260.19	R2000308	336.41	R2000611	166.20
R0050801	74.08	R12X3032	116.87	R2000309	332.41	R2000612	166.20
R0059100	492.31	R12X3045	281.47	R2000310	347.96	R2000613	169.51
R0060600	100.33	R1-592	20.12	R2000311	347.96	R2000614	169.51
R0061300	203.42	R15D1002	148.65	R2000312	337.37	R2000615	178.06
R0061400	103.09	R15D1004	63.67	R2000313	371.05	R2000616	178.06
R0061600	92.61	R15D1100	319.27	R2000314	371.05	R2000617	193.21
R0384700	1114.45	R15D3001	263.88	R2000315	358.31	R2000618	192.11
R0384800	1053.13	R15D3002	270.48	R2000316	405.70	R2000619	201.48
R0385000	554.37	R15D3102	63.40	R2000317	408.48	R2000620	228.77
R0385100	295.74	R15D3303	105.57	R2000318	390.84	R2000621	227.39
R0394901	93.71	R15X2013	269.28	R2000401	88.76	R2000622	236.49
R0394902	93.71	R15X3032	125.81	R2000402	88.76	R2004000	311.93
R0394903	93.71	R15X3045	290.96	R2000403	97.85	R2004100	311.93
R0394904	93.71	R2000101	170.34	R2000404	97.85	R2006100	88.76
R0394905	93.71	R2000102	170.89	R2000405	93.17	R2006600	347.56
R0394906	93.71	R2000103	167.58	R2000406	93.17	R2007700	101.43
R0394907	93.71	R2000104	182.74	R2000407	101.99	R2008400	371.54
R0394908	93.71	R2000105	183.57	R2000408	101.99	R2015000	87.93
R0394909	93.71	R2000106	178.33	R2000409	97.58	R2028001	178.88
R0394910	93.71	R2000107	195.14	R2000410	97.58	R2028002	187.43
R0394911	93.71	R2000108	196.25	R2000411	106.11	R2028003	159.59
R0394912	93.71	R2000109	189.36	R2000412	106.11	R2028200	481.52
R0394913	93.71	R2000110	207.27	R2000413	101.70	R2061100	104.19
R0394914	93.71	R2000111	208.93	R2000414	101.70	R2069101	651.79
R0394915	93.71	R2000112	200.11	R2000415	110.25	R2069102	764.66
R0394916	93.71	R2000113	232.08	R2000416	110.25	R2069103	842.31
R0394917	93.71	R2000114	234.00	R2000417	109.42	R2069104	1169.75

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
R2069105	1255.75	R30D3303	154.62	RA2112230	953.94	RP	
R2069200	87.10	R30D5013	58.71	RA2112232	366.86	RP2051400	156.01
R2069300	93.99	R3C3320	334.95	RA2112235	2814.68	RP2051500	181.37
R2069400	75.80	R3C4000	3019.44	RA2112236	2791.53	RP2051700	121.28
R2069600	451.20	R3C4100	1811.41	RA2113602	123.64	RP2052900	112.79
R2071601	139.19	R3C4120	2451.96	RA2113700	838.46	RP2053000	67.59
R2071602	124.04	R3C4300	3702.55	RA2114200	1300.95	RP2056100	43.00
R2072300	67.25	R3F4205	3019.44	RA2117803	288.31	RP2065600	249.99
R2072400	224.36	R3F4205W	3019.44	RD		RP2067100	42.45
R2072900	261.57	R3F4405	3702.55	RD0091101	62.84	RS	
R2073200	79.65	R3F4405W	3702.55	RD0091205	65.63	RS2105500	4619.48
R2073903	21.37	R40D1001	135.72	RD0091206	43.83	RS2106900	4117.84
R2073904	22.53	R4C3320	381.74	RD0091207	57.89	RS2108400	224.08
R2073909	36.94	R4C4000	3423.00	RD2010501	83.93	RS2108500	63.95
R2073914	43.00	R4C4100	2197.28	RE		RS2108700	272.74
R2073915	44.10	R4C4120	3101.33	RE0013000	350.05	RS2109100	109.98
R2073970	110.81	R4C4300	4363.51	RE0014400	279.80	RS2109400	31.97
R2075500	38.39	R4F4205	3594.15	RE0084401	50.93	RS2110900	5553.29
R2075501	296.30	R4F4205W	3594.15	RE0093200	358.20	RS2111000	8180.55
R2076500	217.19	R4F4405	4363.51	RE0240900	83.79	RS2111100	11447.26
R2076600	82.96	R4F4405W	4363.51	RE0254000	673.90	RS2112801	222.43
R2077501	2666.49	R50D1001	88.17	RE2058300	95.37	RT	
R2077503	1759.85	R50D1002	88.17	RE2071501	420.33	RT2109001	108.87
R2080601	443.21	R50D1005	51.82	RE2071502	410.69	RTXD7108	798.56
R2080602	443.21	R50D1006	43.27	RE2071503	420.05	RTXD7109	829.27
R2080604	443.21	R50D2021	106.67	RE2071504	480.42	RV	
R2080605	443.21	R50D3003	95.13	RE2074400	87.91	RV2001900	1436.61
R2080606	358.04	R50D3004	95.13	RE2076500	627.05	RV2017900	410.33
R2080607	358.04	R50D3101	214.56	RE2077700	179.16	RV2017901	410.03
R2080608	378.42	R50D3200	485.39	RE2310500	81.86	RV2017902	403.74
R2080609	358.04	R50D3204	68.36	RE2319700	97.02	RV2017903	434.11
R2080610	443.21	R50D4020	289.41	RE2319800	104.74	RV2017904	736.98
R2080611	443.21	R50D7001	160.97	RE2319900	95.37	RV2030700	226.29
R2080802	3257.89	R50D7002	51.82	RE2320600	98.40	RW	
R2080803	3240.25	R50D7003	56.50	RE2322700	85.45	RW2001800	276.13
R2081401	129.14	R50D7120	911.77	RE2333500	221.06	RW2001900	278.37
R2081402	117.69	R50D7408	426.94	RE2333501	161.79	RW2002300	120.45
R2086800	17.87	R50D7412	426.94	RE2334700	85.45	RW2013300	63.12
R20D3120	63.40	R50D7414	418.40	RE2334701	45.80	RW2013400	63.12
R20D3301	114.93	R5X2013	236.49	RE2337501	103.09	RX	
R20D3303	143.88	R5X3032	84.35	RE2337502	57.75	RXD7198	772.34
R20D4020	223.51	R5X3043	143.64	RE2344300	358.31	RXD7199	772.34
R20X2013	284.45	R5X3044	142.87	RE2344301	370.44	RXD7234	772.34
R20X3032	155.31	R5X3045	248.06	RE2347200	483.51	S	
R20X3045	361.61	R60D3200	532.06	RE2347600	86.89	S0070800	4.45
R2C3320	313.43	R60D3203	548.68	RE2347601	106.20	S0076400	46.58
R2C4000	2698.57	R70-216	93.17	RE2351400	44.79	S0076401	291.33
R2C4100	1511.53	R7X2013	244.48	RE2353601	37.38	S0076500	13.91
R2C4120	1944.81	R7X3032	93.99	RE2354000	75.80	S0077700	73.04
R2C4300	3135.22	R7X3045	257.31	RE23569001	606.10	S2006600	3.15
R2F4205	2702.73	R8D3005	65.32	RE23569002	606.10	S2009300	3.15
R2F4205W	2702.73	R8D3102	63.40	RE23569003	640.83	S2104300	13.91
R2F4405	3174.10	RA		RE2362400	188.53	S2104400	8.82
R2F4405W	3174.10	RA0001200	165.93	RE2370700	151.04	S2104500	7.99
R30-227	27.03	RA0079000	118.80	RL		S2104600	14.61
R30D1004	56.78	RA2107500	878.42	RL2018401	372.65	S2105400	7.17
R30D1100	373.42	RA2112201	1670.55	RL2018402	435.76	S2112700	3.15
R30D3001	364.37	RA2112209	1071.00	RL2018403	456.16		
R30D3002	370.98	RA2112213	1562.40				
R30D3005	78.83	RA2112217	1289.93				
R30D3102	63.40	RA2112227	1015.88				
R30D3301	145.79	RA2112228	1128.96				
R30D3302	119.34						

Effective July 18, 2022

<u>Part No.</u>	<u>List Price</u>	<u>Part No.</u>	<u>List Price</u>	<u>Part No.</u>	<u>List Price</u>	<u>Part No.</u>	<u>List Price</u>
S2113800	4439.77	T0021705	76.07				
S2114000	4.46	T0021706	80.21				
S2114800	3.15	T0022001	18.55				
S2115100	3.15	T0022002	24.22				
S2115900	277.00	T0022003	25.68				
S2116000	3.15	T0022004	29.31				
S2116300	3.15	T0022605	49.34				
S2124500	3.15	T0022606	58.51				
S2125000	3.15	T0027200	15.16				
S2127300	10.48	T0027300	4.97				
S2127900	10.20	T2007701	24.02				
S2137800	3.15	T2007702	23.93				
S2138700	6.34	T2007703	29.40				
ST1001	68.86	T2007704	34.08				
ST1004	43.47	T2007705	49.04				
ST1006	100.71	T2007706	49.04				
ST1008	30.77	T2007801	28.62				
ST1011	56.16	T2007802	28.70				
ST1012	37.12	T2007803	37.51				
ST1014	49.81	T2007804	38.48				
ST1016	170.45	T2007805	50.91				
ST1019	30.77	T2007806	59.48				
ST1020	230.15	T2015808	84.35				
ST1021	113.31	T2015809	84.35				
ST1023	37.12	T2015810	84.35				
ST1024	49.81	T2108802	381.13				
ST1028	68.86	T2108803	434.35				
ST1029	2472.91	T2108804	516.51				
ST1030	83.72						
ST1031	37.12	V					
ST1032	36.68	V0077500	292.99				
ST1033	115.21	V0079100	442.93				
ST1034	44.73	V0079400	170.58				
ST1036	409.86	V0079500	364.01				
ST1037	183.14	V2015100	13.97				
ST1038	27.59	V2022700	207.54				
ST1039	202.19	V2033100	307.60				
ST1040	30.77						
ST1041	30.77	W					
ST1042	391.94	W0036500	34.73				
ST1044	30.77	W0039600	72.49				
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ST1048	170.38	W0040902	139.44				
ST1050	230.15	W2001700	13.07				
ST1051	37.12	W2002200	13.01				
ST1052	30.77	W2014200	55.13				
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ST1060	323.59	W2016400	13.79				
ST1061	183.14						
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ST1070	43.47						
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ST1079	37.12						
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T0021701	35.84						
T0021702	35.35						
T0021703	40.37						
T0021704	43.21						



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