

Residential Parts Pricing

Hydronic Boilers, Water and Space Heaters
 Sizes 50,000 - 400,000 BTU/h

This Document Covers	Models	Sizes	Doc. No.
NeoTherm Boiler	NTH	80-210	1218, 1252
FT Series Wall Mounted Combination or Boiler	MFTCW, MFTHW	100-199	1487, 1483
FT Series Floor Standing Combination	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	JACKET / BASE COMPONENTS		
RD0091101	Air inlet flex hose.....	285	8D3327	Left top panel.....	80
R8D3005	Air inlet / exhaust bracket.....	80	8D3328	Top panel, middle left.....	80
R10D3005	Air inlet / exhaust bracket.....	105	8D3329	Top panel, middle right.....	80
R20D3120	Air inlet / exhaust bracket.....	150-210	8D3330	Top panel, rear right.....	80
R30D3005	Air inlet / exhaust bracket.....	285	R15D3001	Right side panel.....	80-150
RS2108700	Air/gas channel.....	285	R15D3002	Left side panel.....	80-150
RD2010501	CPVC reducer or coupling.....	80-105	R15D3102	Jacket angle support (left only for 80-105).....	80-150
RP2053000	PVC reducer.....	150-210	R15D3303	Top middle panel.....	150
RP2052900	PVC reducer.....	285	R20D3301	Right top panel.....	210
RP2056100	Nylon NPT to hose barb adapter.....	150-285	R20D3303	Left top panel.....	210
RP2065600	CPVC reducer or coupling.....	150-210			
RP2067100	Nylon NPT to hose barb adapter.....	80-105			
R2004000	High gas pressure switch (opt).....	80-285			
R2004100	Low gas pressure switch (opt).....	80-285			
CONVERSION KITS					
CA006201	Propane conversion kit.....	80			
CA006202	Propane conversion kit.....	105			
CA006203	Propane conversion kit.....	150			
CA006204	Propane conversion kit.....	210			
CA006205	Propane conversion kit.....	285			
CA006206	Natural conversion kit.....	80-210			
ELECTRICAL / CONTROL COMPONENTS					
RE2319900	Duplex water temp sensor (outlet).....	80-285			
RE2320600	Water temperature sensor (inlet).....	80-285			
CA005600	System water sensor.....	80-285			
CA005500	DHW sensor.....	80-285			

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

NeoTherm (Cont.)

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

NEUTRALIZER MEDIA

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

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

FT Series Wall Hung

Models MFTCW and MFTHW - Revision 2

Part No.	Description	Model	Size	Part No.	Description	Model	Size
GAS / AIR COMPONENTS				ELECTRICAL / CONTROL COMPONENTS			
FT2015	Burner.....	CW & HW	100-140	FT2123	Gas pipe, upper assembly.....	CW	140
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	R2080602	Control.....	HW	ALL
FT2020	Fan rubber gasket.....	CW & HW	ALL	R2080604	Control F18000309 & after.....	CW	199
FT1082	Fan outlet gasket.....	CW & HW	100-140	R2080605	Control F18000309 & after.....	CW	140
FT1772	Fan guide o-ring.....	CW & HW	199	FT1049	Control bracket.....	HW	100-140
FT1775	Air/gas mixer body.....	CW & HW	100&199	FT1922	Control bracket.....	CW	140
FT2022	Air/gas mixer venturi.....	CW & HW	140	FT2004	Control sub-bracket.....	CW	140
FT1917	Air/gas mixer venturi.....	CW & HW	199	FT2033	Control sub-bracket.....	CW & HW	199
FT1774	Air/gas mixer O-ring.....	CW & HW	100&199	FT2005	Display control.....	CW	ALL
FT1929	Air Intake hose.....	CW & HW	140	FT2050	Display control.....	HW	ALL
FT1846	Air Intake hose.....	HW	199	FT2004	Display panel bracket.....	HW	100-140
FT1812	Air Intake hose.....	CW	199	ST1006	Ignition transformer.....	CW	140
FT2102	Air intake hose assembly.....	HW	140	ST1006	Ignition transformer.....	HW	100-140
FT2122	Air intake hose assembly.....	CW	140	FT2031	Ignition transformer.....	CW & HW	199
FT1548	Air vent adaptor.....	HW	ALL	FT2032	Ignition transformer bracket.....	CW & HW	199
FT2002	Intake duct assembly.....	CW & HW	ALL	FT2016	Ignition rod.....	CW & HW	100-140
FT2019	Damper body assembly.....	CW & HW	100-140	FT2128	Ignition rod assembly.....	HW	199
FT2044	Damper body assembly.....	CW & HW	199	FT2017	Ignitor ceramic paper.....	CW & HW	ALL
FT1771	Intake / exhaust sealing pad.....	CW & HW	ALL	FT1316	Ignitor gasket.....	CW & HW	ALL
FT2094	Exhaust pipe.....	CW & HW	100-140	FT1327	Flame detector sensor.....	CW & HW	ALL
FT2000	Exhaust vent duct assembly.....	CW & HW	ALL	FT2096	Flame detector sensor assy.....	HW	100-140
FT1784	Exhaust pipe adaptor.....	CW & HW	ALL	FT2129	Flame detector sensor assy.....	HW	199
FT2012	Exhaust pipe packing (lower).....	CW & HW	100-140	FT2120	Flame detector sensor assy.....	CW	140
FT2036	Exhaust pipe packing (lower).....	CW & HW	199	FT2085	Flame detector sensor assy.....	CW	199
FT1416	Gas valve.....	CW & HW	ALL	FT1669	Flame detector sensor bracket.....	CW & HW	ALL
FT1413	Gas valve assembly.....	CW & HW	100-140	FT1069	Flame detector sensor cover.....	CW & HW	ALL
FT1950	Gas valve assembly.....	CW & HW	199	FT1020	Power switch.....	CW & HW	ALL
FT1415	Gas valve o-ring.....	CW & HW	ALL	FT1324	Temperature sensor.....	CW & HW	ALL
FT1539	Gas valve bracket.....	HW	100-140	FT1635	CH return sensor.....	HW	ALL
FT1779	Gas valve bracket.....	HW	199	FT1219	CH return sensor.....	CW	ALL
FT1893	Gas inlet adaptor.....	HW	100-140	FT1112	Outlet sensor.....	CW	ALL
FT1780	Gas orifice, natural.....	CW & HW	199	FT1501	Outdoor sensor.....	CW & HW	ALL
FT1802	Gas orifice, propane.....	CW & HW	199	FT1804	Air pressure sensor.....	CW & HW	ALL
FT2064	Gas conversion kit.....	HW	100-140	FT1022	Condensate pressure sw.....	CW & HW	ALL
FT2068	Gas conversion kit.....	HW	199	FT1307	Exhaust overheat sensor.....	CW & HW	ALL
FT2091	Gas conversion kit.....	CW & HW	ALL	FT1606	Exhaust testing cap.....	CW & HW	ALL
FT1086	Gas pipe, down.....	HW	100-140	FT1325	Low level sensor.....	CW & HW	ALL
FT1419	Gas pipe, down.....	CW	140	FT1310	Overheat sensor.....	CW & HW	ALL
FT1811	Gas pipe, down.....	CW	199	FT1115	Flow sensor.....	CW	ALL
FT2104	Gas pipe, down assembly.....	HW	100-140	FT2115	Flow sensor assembly.....	CW	140
FT2124	Gas pipe, down assembly.....	CW	140	FT1208	Flow sensor clip.....	CW	ALL
FT2029	Gas pipe, upper.....	CW	140	FT1827	Terminal block (6P).....	CW & HW	ALL
FT1810	Gas pipe, upper.....	CW	199	FT1618	Terminal block (12P).....	HW	ALL
FT2103	Gas pipe, upper assembly.....	HW	140	FT1905	Wire Harness.....	HW	100-140
				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	Main PCB.....	CF
FT2043	Fan Guide.....	both	R2080607	Main PCB.....	HF
FT2087	Fan Guide Assembly.....	both	R2080609	Main PCB, 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			

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 built June 2018 & before....	CW	140
FT1764	Burner downside case	CW & HW	199	R2080604	Control built after June 2018.....	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			
FT1750	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.....	125-175	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	F2028300	Latch, magnet, .56 dia.
E2335100	Circuit breaker, 2A, 120V	R2073903	Gasket, strip, foam 3/8"x1/8", 3 feet
E2336500	Air pressure switch, 2.80" w.c., blocked vent	R2073904	Gasket, strip, foam 3/8"x1/8", 4 feet
E2343200	Wire harness, main, LMC	R2073909	Gasket, strip, foam 3/8"x1/8", 9 feet
E2338600	Cube relay	R2073914	Gasket, strip, foam 3/8"x1/8", 14 feet
E2334900	Switch, pressure, air/gas, inlet, fan proving	R2073915	Gasket, strip, foam 3/8"x1/8", 15 feet
		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		
R1-581	Flow restrictor		
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	2400-438	Cone flashing, 6/12 to 12/12 roof pitch		
				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			WATERWAY / HEAT EXCHANGER 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 CONVERSIONS			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	2400-036	DHW coil (single wall) with gasket.....	all
2400-128	Orifice kit, propane.....	60	2400-112	Pressure relief valve, 30 psi, ASME.....	all
2400-006	Transformer, 40 VA.....	all	2400-114	Gauge, pressure/temp, back mount.....	all
2400-008	R-1 relay, 8 terminals (before x91-1319).....	all	2400-236	High vent, float type.....	all
2400-010	R-2 / R-3 relay, 4 terms (x91-1319 & after).....	all			

List Prices. All Products.

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Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
0		10485306	9.50	12H3003	549.75	15X3031	47.50
05P2100	2537.00	10494105	92.50	12H3004	859.75	15X3037	57.00
05P7400	474.50	10494106	97.50	12H3005	287.50	15X3038	44.50
07P2100	2731.00	10500601	82.00	12H3006	3.25	15X5004	43.75
		10500602	111.25	12H3007	21.00	15X6001	97.72
1		10500603	113.25	12H3008	20.00	17P2100	3601.00
1-036	9.00	10500604	113.25	12H3009	13.50	17P7400	474.50
1-054	52.00	10535900	55.00	12H3010	32.00		
1-070	17.75	10562300	40.00	12H3011	96.75	2	
1-448	3.75	10582200	138.00	12H3012	12.25	2C1000	451.50
1-579	21.50	10582201	157.75	12H3015	135.25	2C2001	146.00
1-580	21.50	10582202	133.00	12H3016	32.00	2C2002	63.00
10-103	3.00	10582203	145.75	12H3017	41.25	2C2006	130.75
10-332	13.25	10582204	133.00	12H3018	94.00	2C2008	57.50
10-596	3.50	10582205	145.75	12H3019	94.00	2C2009	25.50
10P2100	2974.00	10582206	155.75	12H3020	54.50	2C2015	41.25
10X1000	490.00	10582207	152.25	12H3023	7.00	2C2016	41.25
10X2000	2436.00	10582208	142.50	12H3025	859.75	2C2017	12.25
10X2012	38.50	11-088	12.75	12H3033	527.25	2C2018	3.00
10X2020	20.00	11019401	50.00	12H4001	415.25	2C2019	34.25
10X3019	87.75	11019402	50.00	12H4004	286.75	2C2023	145.25
10X3030	178.75	11019403	53.75	12H4006	62.10	2C2100	100.25
10X3031	45.75	11019404	53.50	12H4008	97.50	2C2201	189.00
10X3037	51.25	11019405	59.25	12H4010	54.00	2C2300	131.25
10X3038	39.25	11019406	66.50	12H4011	164.25	2C2500	155.00
10X5004	42.75	11020101	197.00	12H4012	109.75	2C2601	189.00
10X6001	68.75	11020102	199.25	12H4019	26.75	2C3010	34.00
10338600	19.75	11020103	211.50	12H4022	3.00	2C3014	49.50
10449514	17.25	11020104	221.50	12H5002	10.50	2C3015	32.75
10449515	19.00	11020105	229.50	12H5500	107.75	2C3016	74.00
10449516	21.75	11020106	248.75	12H5501	4.50	2C3021	134.75
10466701	206.25	11020201	51.00	12H7001	128.00	2C3220	156.75
10466702	216.75	11020203	54.50	12H7002	128.00	2C3420	133.25
10466703	228.75	11020205	75.00	12H7003	128.00	2C3520	133.25
10466704	246.25	11020206	75.00	12H7004	54.75	2C3620	72.50
10467101	334.00	11027901	193.50	12H7005	7.75	2C3621	56.50
10467102	341.25	11027903	202.25	12H7008	12.00	2C3622	72.50
10467103	351.50	11027905	210.75	12H7010	285.75	2C3623	72.25
10467104	352.75	11027906	223.50	12P2065	14.75	2C3700	86.00
10467105	378.00	11028301	57.75	12P2100	3184.00	2C3800	274.75
10467106	404.25	11028303	62.75	12P3004	92.25	2C4001	112.75
10469501	7.75	11028305	68.00	12P3005	241.25	2C4002	25.50
10469502	8.25	11028306	78.25	12P3006	138.25	2C4103	188.25
10469503	8.50	11028401	84.00	12P7015	92.25	2C5000	148.50
10469504	8.75	11028402	84.00	12P7400	494.25	2C7002	25.00
10469505	9.25	11028403	89.25	12X1000	519.25	2C7003	39.00
10469506	10.25	11028404	89.25	12X2000	2548.00	2C7004	18.75
10470101	22.25	11028405	96.00	12X2012	38.75	2C7005	20.00
10470102	22.00	11028406	105.75	12X2020	20.50	2F3000	1452.00
10470301	160.50	11028501	53.25	12X3019	96.25	2F3019	67.75
10470302	163.75	11028503	55.25	12X3030	184.50	2F3020	1620.00
10470303	164.75	11028505	59.50	12X3031	46.50	2F4122	590.25
10470304	171.50	11028506	66.00	12X3037	54.25	2F7001	80.50
10470305	175.25	11045801	52.25	12X3038	42.00	2F7002	81.50
10470306	181.25	11045802	52.50	12X5004	43.25	20X1000	609.50
10472500	20.00	11045901	44.00	12X6001	76.25	20X2000	3175.00
10472600	27.50	11047601	28.50	15P2100	3380.00	20X2012	39.50
10484606	60.75	11047602	26.25	15X1000	548.75	20X2020	22.00
10485301	8.25	11047603	28.50	15X2000	2894.00	20X3019	100.75
10485302	8.50	11047604	28.00	15X2012	39.00	20X3030	214.00
10485303	8.75	11047606	26.75	15X2020	21.00	20X3037	63.00
10485304	8.75	12H2500	25.50	15X3019	94.75	20X3038	50.50
10485305	9.00	12H3001	327.25	15X3030	187.25	20X5004	44.50

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Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
20X6001	114.57	20403002	231.50	2400-014	452.50	2400-426	88.00
20020500	2245.00	20403003	239.00	2400-016	130.75	2400-428	606.25
20020601	2302.00	20403004	241.25	2400-018	112.25	2400-433	318.50
20020602	2982.00	20403005	267.75	2400-020	194.50	2400-435	361.25
20034801	286.25	20403006	284.00	2400-024	143.75	2400-437	25.00
20034802	290.00	20403301	45.50	2400-026	53.00	2400-438	113.00
20034803	303.00	20403302	45.50	2400-028	114.00	2400-441	525.00
20034804	314.50	20403303	49.00	2400-029	63.75	2400-442	323.50
20034805	322.75	20403304	49.00	2400-032	3471.00	2400-443	232.25
20034806	343.75	20403305	53.75	2400-036	1119.00	2400-444	232.25
20034901	72.25	20403306	60.75	2400-040	223.50	2400-445	156.75
20034902	74.75	20403901	174.00	2400-042	44.25	2400-446	122.50
20034903	78.50	20403902	176.75	2400-046	102.25	2400-448	297.00
20034904	81.00	20403903	177.50	2400-049	192.00	2400-450	192.00
20034905	82.50	20403904	178.25	2400-052	100.25	2400-451	277.50
20034906	112.25	20403905	180.25	2400-056	82.00	2400-452	189.00
20052601	367.25	20403906	190.50	2400-057	109.75	2400-506	219.00
20052602	328.25	20404602	4.75	2400-062	80.50	2400-508	48.50
20052603	456.75	20404603	4.75	2400-106	448.75	2400-510	3469.00
20052604	503.50	20404604	4.75	2400-110	101.25	2400-512	4013.00
20069101	107.50	20404605	4.75	2400-112	88.75	2400-514	59.25
20069102	107.50	20404606	4.75	2400-114	99.00	2400-516	306.75
20069105	118.00	20404607	4.75	2400-118	172.75	2400-518	311.25
20069106	124.25	20404608	4.75	2400-120	175.75	2400-520	1740.00
20071500	48.50	20404609	4.75	2400-122	172.75	2400-522	90.75
20084000	46.75	20404610	4.75	2400-124	175.75	2400-524	716.75
20085400	17.25	20404611	4.75	2400-126	172.75	2400-526	215.75
20085600	399.00	20404612	4.75	2400-128	175.75	2400-528	14.00
20085700	515.50	20404613	4.75	2400-141	116.00	2400-530	31.75
20085900	103.50	20404614	4.75	2400-142	365.50	2400-538	440.75
20086300	248.25	20404615	4.75	2400-145	245.50	2400-539	257.75
20086400	150.50	20404616	4.75	2400-146	184.50	2400-540	65.75
20086500	57.25	224-38508-07	62.75	2400-152	957.50	2400-546	628.25
20086800	81.75	224-38508-08	50.50	2400-153	896.75	2400-548	330.25
20087100	54.25	224-48138-00	360.25	2400-224	504.50	2400-550	126.75
20087300	13.75	224-49559-04	103.00	2400-226	130.75	2400-552	161.75
20099801	44.50	227-48070-01	14.50	2400-228	111.00	2400-556	147.50
20099802	44.50	227-49556-02	78.25	2400-236	57.00	2400-560	134.25
20099803	50.00	229-43632-01	68.00	2400-277	128.50	2400-562	168.50
20099804	50.00	229-43632-04	63.75	2400-280	64.75	2400-566	65.50
20099805	75.00	229-51230-02	62.75	2400-281	54.00	2400-568	123.50
20099806	75.00	229-51230-03	62.75	2400-320	80.50	2400-570	494.75
20127900	255.00	229-51230-06	62.75	2400-370	453.50	2400-572	64.25
20129300	8.75	229-51230-10	62.75	2400-386	876.75	2400-574	136.00
20400701	314.00	229-51230-13	62.75	2400-388	1127.00	2400-586	1402.00
20400702	314.00	229-51230-16	62.75	2400-392	54.50	2400-590	112.50
20400703	330.75	22P2100	4008.00	2400-407	215.75	2400-592	347.00
20400704	330.75	230-32920-01	50.75	2400-408	173.25	2400-593	3187.00
20400705	351.75	230-32920-04	68.25	2400-409	158.75	2400-594	3730.00
20400706	376.00	230-33630-04	185.25	2400-410	107.00	2400-650	1124.00
20401601	1561.00	230-40594-02	34.75	2400-411	110.25	243-44416-00	209.00
20401602	1595.00	233-43315-00	37.25	2400-412	290.50	265-42351-02	19.25
20401603	1628.00	239-44069-01	133.00	2400-413	110.25		
20401604	1652.00	239-44069-02	133.00	2400-415	146.00		
20401605	1726.00	2400-001	159.00	2400-416	233.25	3	
20401606	2083.00	2400-002	1243.00	2400-418	394.50	3C1000	545.50
20402401	1512.00	2400-003	40.25	2400-419	309.00	3C2001	222.75
20402402	1554.00	2400-004	878.50	2400-420	358.75	3C2006	157.00
20402403	1594.00	2400-005	371.00	2400-421	354.00	3C2008	60.50
20402404	1626.00	2400-006	156.50	2400-422	287.50	3C2009	29.75
20402405	1714.00	2400-008	77.75	2400-423	256.75	3C2017	16.25
20402406	1825.00	2400-010	157.50	2400-424	430.00	3C2019	36.50
20403001	229.25	2400-012	319.25	2400-425	420.50	3C2023	173.00
						3C2100	101.00

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3C3021	149.25	5X2020	19.00	A2123606	525.00	CA020023	51.00
3C3220	164.50	5X207201	51.75	A2136500	268.75	CA020024	51.00
3C3702	45.75	5X207202	52.00			CA50D7181	1069.50
3C7002	31.25	5X3019	81.75	C		CA50D7182	1069.50
3F3000	1485.00	5X3030	170.25	CA005400	81.00	CA50D7183	1069.50
3F3019	73.25	5X3031	44.00	CA005500	166.50		
3F3020	1679.00	5X3037	43.50	CA005600	69.25	D	
30-103	9.00	5X3038	33.75	CA006201	64.00	D2000401	620.50
30-119	3.00	5X5002	19.25	CA006202	64.00	D2004201	34.50
30-188	3.00	5X5004	41.75	CA006203	64.00	D2004300	577.75
30-192	13.25	5X6001	35.15	CA006204	64.00		
30-205	5.75	50D7508	11.25	CA006205	64.00	E	
30-251	32.75	50D7516	26.25	CA006206	26.00	E0000700	3.50
30-253	17.75	500-168	3.00	CA019400	215.00	E0025902	27.00
30-310	191.75			CA019501	1619.00	E0088400	52.50
30-616	13.25	7		CA019502	1619.00	E0098500	8.75
30-677	15.75	7X1000	458.50	CA019600	628.00	E0099100	41.25
30-678	36.50	7X2000	2323.00	CA019901	81.00	E0099101	30.50
30D3311	96.75	7X2012	38.25	CA019902	81.00	E0101800	23.25
30D3312	141.75	7X2020	19.50	CA019903	81.00	E0102000	3.00
30D3313	84.00	7X3019	84.19	CA019904	81.00	E0180500	105.00
30D3314	126.00	7X3030	174.50	CA019905	90.00	E0234201	100.25
31-325	88.00	7X3031	44.75	CA019906	90.00	E0253100	267.25
36-010	107.00	7X3037	46.25	CA019907	90.00	E0253400	189.50
36-028	18.75	7X3038	36.25	CA019908	90.00	E0253900	65.75
36-288	3.00	7X5004	42.25	CA019909	99.00	E2039500	10.50
36-640	114.75	7X6001	56.11	CA019910	99.00	E2074501	60.75
36-641	57.50			CA019911	99.00	E2074502	60.75
36-642	57.50	8		CA019912	99.00	E2074503	60.75
36-643	193.75	8D3327	64.25	CA019913	109.00	E2074504	60.75
		8D3328	59.00	CA019914	109.00	E2074505	60.75
4		8D3329	69.50	CA019915	109.00	E2074506	60.75
4C1000	651.00	8D3330	65.25	CA019916	109.00	E2102800	328.75
4C2001	275.25	85D1005	57.75	CA019917	119.00	E2103200	26.25
4C2006	191.50			CA019918	119.00	E2105600	93.00
4C2008	64.00	A		CA019919	119.00	E2304800	103.00
4C2009	34.75	A0063300	65.75	CA019920	119.00	E2318900	11.00
4C2017	20.75	A0066500	247.75	CA019921	129.00	E2324000	184.75
4C2019	40.00	A0076701	620.25	CA019922	129.00	E2324200	156.50
4C2023	210.75	A0076805	1101.00	CA019923	129.00	E2327500	52.50
4C2100	101.75	A0095605	712.50	CA019924	129.00	E2327700	8.25
4C3021	168.75	A0095705	889.50	CA020001	25.00	E2327800	26.25
4C3220	190.25	A2000400	65.00	CA020002	25.00	E2327900	3.50
4C3700	87.75	A2085400	49.50	CA020003	25.00	E2334500	28.00
4C7002	39.00	A2085600	168.50	CA020004	25.00	E2334501	12.50
4F3000	1534.00	A2085700	27.75	CA020005	28.00	E2334502	11.75
4F3019	79.75	A2085900	75.25	CA020006	28.00	E2334900	32.25
4F3020	1728.00	A2086600	204.25	CA020007	28.00	E2335000	8.25
40-010	75.50	A2086700	22.00	CA020008	28.00	E2335100	8.25
40-014	718.75	A2087600	13.50	CA020009	33.00	E2336500	26.75
40-250	180.00	A2108100	18.00	CA020010	33.00	E2337400	189.50
40-301	197.00	A2112300	145.00	CA020011	33.00	E2338600	62.00
40-302	95.00	A2114400	1100.00	CA020012	33.00	E2343200	283.00
40-303	100.75	A2117400	145.00	CA020013	37.00	E2345700	36.25
40-304	167.75	A2117500	36.25	CA020014	37.00	E2347400	41.25
40-310	100.50	A2117600	58.50	CA020015	37.00	E2347500	135.00
40-325	62.25	A2117700	287.00	CA020016	37.00	E2347700	91.50
40-678	37.00	A2120300	2445.00	CA020017	43.00	E2348100	42.75
		A2122004	439.00	CA020018	43.00	E2348700	213.00
5		A2122400	619.25	CA020019	43.00	E2356800	157.50
5X1000	430.50	A2122500	702.50	CA020020	43.00	E2357000	27.25
5X2000	2215.00	A2122600	592.00	CA020021	51.00	E2357200	42.75
5X2012	38.00	A2123605	122.00	CA020022	51.00	E2357300	3.00

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E2357500	41.00	FT1068	1761.00	FT1524	3.00	FT1802	26.25
E2357700	3.00	FT1069	12.75	FT1527	44.75	FT1804	25.50
E2401400	320.75	FT1070	179.25	FT1528	3.50	FT1805	27.75
E2402100	7.50	FT1071	133.25	FT1529	12.75	FT1806	25.50
E2402600	44.25	FT1072	66.00	FT1530	10.25	FT1807	20.75
E2402700	59.75	FT1073	228.50	FT1535	16.75	FT1808	44.75
E2402800	60.25	FT1076	3.25	FT1538	6.50	FT1809	84.50
E2402900	32.25	FT1082	12.75	FT1539	7.00	FT1810	20.75
E2403400	62.25	FT1086	15.25	FT1544	3.25	FT1811	20.75
E2404200	103.00	FT1100	880.25	FT1548	18.75	FT1812	28.50
E2407000	17.50	FT1107	6.50	FT1549	95.25	FT1813	7.00
E2407200	53.25	FT1108	6.50	FT1601	3.00	FT1821	16.25
		FT1109	12.75	FT1603	3.25	FT1822	19.25
		FT1111	12.75	FT1604	7.50	FT1823	63.50
F		FT1112	19.75	FT1606	10.50	FT1824	12.75
F0002100	3.00	FT1114	12.75	FT1609	3.50	FT1826	58.25
F0029300	3.00	FT1115	111.25	FT1618	13.25	FT1827	12.75
F0034000	3.00	FT1116	167.75	FT1620	138.75	FT1836	4.25
F0035900	3.00	FT1119	3.00	FT1635	23.00	FT1838	267.00
F0040800	3.00	FT1120	13.25	FT1638	19.75	FT1846	19.25
F0046100	3.00	FT1121	13.25	FT1643	3.00	FT1852	1457.00
F0051400	3.00	FT1122	33.00	FT1644	3.00	FT1853	57.25
F2001900	3.00	FT1200	749.75	FT1645	3.25	FT1854	25.50
F2007001	3.00	FT1208	6.50	FT1646	3.25	FT1855	25.50
F2007002	3.00	FT1215	40.00	FT1661	5.25	FT1856	25.50
F2007003	3.25	FT1216	32.25	FT1665	57.50	FT1860	25.50
F2007004	3.00	FT1217	6.50	FT1669	11.50	FT1861	10.00
F2007005	3.25	FT1218	13.00	FT1672	424.00	FT1862	266.25
F2007006	3.25	FT1219	19.75	FT1685	3.00	FT1863	266.25
F2011600	3.00	FT1220	100.75	FT1687	3.00	FT1864	266.25
F2015900	3.00	FT1222	435.75	FT1691	3.25	FT1865	12.75
F2022300	19.00	FT1307	33.00	FT1708	15.75	FT1866	12.75
F2022400	3.00	FT1310	23.00	FT1710	3.25	FT1867	12.75
F2023700	3.00	FT1313	1711.00	FT1719	3.25	FT1868	86.00
F2025000	3.00	FT1314	101.75	FT1720	13.25	FT1876	88.75
F2025300	3.00	FT1315	52.50	FT1721	6.75	FT1893	17.50
F2025502	7.75	FT1316	13.25	FT1730	12.75	FT1894	6.50
F2027000	3.00	FT1321	91.50	FT1750	158.50	FT1903	112.00
F2027500	3.25	FT1322	69.75	FT1758	2154.00	FT1904	110.25
F2027600	3.00	FT1323	277.25	FT1759	354.75	FT1905	112.00
F2027700	3.00	FT1324	23.00	FT1760	31.00	FT1906	112.00
F2028200	3.00	FT1325	13.25	FT1763	52.50	FT1915	6.50
F2028300	6.00	FT1327	26.25	FT1764	30.50	FT1916	339.25
F2029000	9.00	FT1329	10.00	FT1765	190.25	FT1917	10.25
F2029300	3.00	FT1406	143.75	FT1767	419.25	FT1918	7.00
FT1002	45.75	FT1407	278.25	FT1768	69.75	FT1919	6.75
FT1010	45.75	FT1409	39.50	FT1770	22.25	FT1921	3.50
FT1013	3.50	FT1412N	26.25	FT1771	3.50	FT1922	7.00
FT1015	52.50	FT1412P	26.25	FT1772	4.25	FT1923	95.25
FT1020	13.25	FT1413	274.25	FT1773	19.25	FT1924	3.50
FT1021	13.25	FT1415	7.00	FT1774	6.50	FT1927	63.50
FT1022	26.25	FT1416	160.50	FT1775	221.75	FT1928	44.50
FT1025	65.50	FT1419	221.75	FT1777	7.00	FT1929	27.75
FT1049	10.50	FT1500	365.25	FT1779	7.00	FT1936	7.00
FT1050	3.25	FT1501	72.00	FT1780	26.25	FT1937	894.50
FT1051	9.75	FT1506	19.75	FT1783	222.25	FT1938	688.25
FT1053	130.50	FT1513	8.00	FT1784	57.25	FT1939	3.50
FT1054	88.75	FT1515	8.00	FT1793	15.75	FT1946	25.50
FT1055	6.50	FT1516	8.00	FT1794	285.25	FT1947	25.50
FT1057	6.50	FT1518	26.75	FT1795	8.25	FT1948	25.50
FT1058	65.50	FT1520	3.25	FT1796	338.25	FT1949	95.25
FT1060	3.25	FT1522	25.50	FT1797	7.00	FT1950	268.75
FT1064	3.25	FT1523	6.50	FT1798	576.50	FT1992	1774.00
FT1067	39.50						

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FT2000	33.25	FT2111	27.75	FT3056	3.00	FT3120	7.00
FT2002	32.50	FT2112	43.00	FT3057	206.50	FT3121	21.00
FT2004	347.00	FT2113	27.00	FT3058	92.75	FT3122	13.75
FT2005	118.25	FT2114	140.50	FT3059	76.25	FT3123	14.75
FT2006	353.25	FT2115	20.00	FT3060	82.50	FT3124	206.50
FT2007	8.75	FT2116	29.75	FT3061	46.25	FT3127	36.50
FT2008	57.75	FT2117	52.25	FT3062	3.00	FT3128	237.00
FT2009	9.00	FT2119	91.00	FT3063	168.75	FT3129	189.75
FT2010	62.00	FT2120	13.75	FT3064	59.75	FT3136	10.00
FT2012	24.25	FT2121	33.25	FT3065	79.50	FT3137	12.75
FT2013	1472.00	FT2122	39.75	FT3066	44.75	FT3138	12.50
FT2014	236.00	FT2123	20.25	FT3067	36.50	FT3139	8.75
FT2015	168.00	FT2124	18.00	FT3068	27.75	FT3143	95.75
FT2016	19.75	FT2128	35.75	FT3069	58.75	FT3144	62.00
FT2017	3.00	FT2129	13.75	FT3070	49.75	FT3145	188.75
FT2018	18.00	FT2130	208.00	FT3071	69.00	FT3146	92.00
FT2019	9.75	FT2131	1453.00	FT3072	39.75	FT3147	188.75
FT2020	3.00	FT2132	338.00	FT3073	38.00	FT3148	93.50
FT2021	656.75	FT2133	139.75	FT3074	82.75	FT3149	33.25
FT2022	9.00	FT3010	49.50	FT3075	49.75	FT3150	255.00
FT2029	19.75	FT3011	17.50	FT3076	45.00	FT3151	175.00
FT2030	10.25	FT3012	10.25	FT3077	44.75	FT3152	217.25
FT2031	54.25	FT3013	7.00	FT3078	6.50	FT3153	20.75
FT2032	3.00	FT3014	3.25	FT3079	55.25	FT3156	141.75
FT2033	6.00	FT3015	44.75	FT3080	27.00	FT3157	92.00
FT2034	69.00	FT3016	20.00	FT3081	65.50	FT3158	132.25
FT2036	3.00	FT3017	7.00	FT3082	38.00	FT3159	87.75
FT2037	1664.00	FT3018	3.50	FT3083	44.75	FT3160	7.75
FT2038	295.00	FT3019	6.75	FT3084	13.25	FT3163	27.75
FT2041	33.50	FT3020	10.00	FT3085	3.75	FT3164	471.50
FT2043	12.25	FT3021	13.25	FT3086	82.50	FT3165	21.00
FT2044	9.00	FT3022	189.75	FT3087	39.75	FT3166	182.50
FT2050	161.50	FT3023	6.75	FT3088	38.00	FT3167	6.50
FT2053	190.50	FT3024	26.75	FT3089	3.25	FT3171	322.40
FT2064	27.00	FT3025	10.00	FT3090	89.75	FT3172	434.25
FT2065	3.50	FT3026	27.75	FT3091	69.75	FT3176	3.25
FT2066	112.25	FT3027	7.00	FT3092	3.25		
FT2067	1585.00	FT3028	13.25	FT3093	2236.00		
FT2068	24.75	FT3029	16.75	FT3094	364.25	L	
FT2069	894.50	FT3030	13.25	FT3095	34.50	L0032200	12.75
FT2070	21.50	FT3031	10.00	FT3096	3.25	L0032600	12.75
FT2071	62.00	FT3032	13.25	FT3097	3.25	L0032700	12.75
FT2072	29.00	FT3033	13.25	FT3098	76.75	L0032800	12.75
FT2073	659.50	FT3035	268.50	FT3099	53.25	L0032900	12.75
FT2084	97.75	FT3037	10.00	FT3100	10.00	L0039000	44.25
FT2085	14.75	FT3038	427.00	FT3101	3.50	L0050300	12.75
FT2087	51.75	FT3039	17.50	FT3102	3.25	L0050400	12.75
FT2091	6.75	FT3040	3.25	FT3104	151.50	L0050700	12.75
FT2094	36.75	FT3041	3.25	FT3105	55.25	L0052500	22.25
FT2096	361.25	FT3042	3.25	FT3106	196.25	L0052601	50.00
FT2097	196.25	FT3043	3.25	FT3107	10.00	L0052602	50.00
FT2098	73.00	FT3044	3.25	FT3108	196.25	L0052603	50.00
FT2099	296.75	FT3045	3.25	FT3109	10.00	L0052604	62.50
FT2100	139.75	FT3046	443.75	FT3110	6.50	L0052605	62.50
FT2101	31.25	FT3047	65.50	FT3111	20.75	L0052606	62.50
FT2102	39.75	FT3048	53.25	FT3112	13.50	L0055900	7.00
FT2103	20.50	FT3049	480.75	FT3113	24.25	L0056500	39.50
FT2104	15.75	FT3050	427.00	FT3114	12.75	L0062900	8.00
FT2106	67.00	FT3051	55.25	FT3115	3.25	L0063000	15.75
FT2107	21.50	FT3052	46.25	FT3116	3.25	L0063300	69.00
FT2108	58.75	FT3053	106.75	FT3117	58.75	L0063402	108.00
FT2109	60.50	FT3054	49.75	FT3118	73.00	L0063403	132.25
FT2110	547.00	FT3055	13.25	FT3119	17.50	L0063404	108.00
						L0063405	141.75

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
L0063413	132.25	R0394913	85.00	R2000109	171.75	R2000412	96.25
L0063414	141.75	R0394914	85.00	R2000110	188.00	R2000413	92.25
L0063416	139.00	R0394915	85.00	R2000111	189.50	R2000414	92.25
L0063418	162.75	R0394916	85.00	R2000112	181.50	R2000415	100.00
L0063702	104.75	R0394917	85.00	R2000113	210.50	R2000416	100.00
L0063703	122.25	R0394918	85.00	R2000114	212.25	R2000417	99.25
L0063704	129.25	R0394919	85.00	R2000115	201.25	R2000418	99.25
		R0394920	85.00	R2000116	244.00	R2000419	107.50
P		R0402001	2126.00	R2000117	246.75	R2000420	94.75
P0008300	8.50	R0402002	2194.00	R2000118	231.00	R2000421	110.50
P0014100	4.50	R0402003	2264.00	R2000201	175.50	R2000422	110.50
P0014400	5.25	R0402004	2332.00	R2000202	196.50	R2000423	119.00
P0014500	4.50	R0402005	2678.00	R2000203	196.25	R2000424	100.75
P0015100	7.50	R0402006	2939.00	R2000204	196.25	R2000501	102.00
P0019100	12.75	R0402007	2095.00	R2000205	179.50	R2000502	102.50
P0025300	20.25	R0402008	2122.00	R2000206	200.50	R2000503	99.00
P0026800	6.00	R0402009	2190.00	R2000207	200.25	R2000504	113.00
P0026900	9.75	R0402010	2258.00	R2000208	200.25	R2000505	114.00
P0029400	16.75	R0402011	2602.00	R2000209	183.50	R2000506	109.25
P0054900	14.50	R0402012	2908.00	R2000210	204.50	R2000507	124.25
P2014800	20.50	R0407700	413.25	R2000211	204.00	R2000508	125.25
P2015400	33.00	R0409701	321.50	R2000212	204.00	R2000509	119.00
P2015900	5.00	R0409702	321.50	R2000213	187.50	R2000510	135.50
P2016900	6.00	R0409703	313.00	R2000214	208.50	R2000511	136.75
P2019200	47.75	R0409704	313.00	R2000215	207.75	R2000512	129.00
P2019500	34.25	R0409705	315.75	R2000216	207.75	R2000513	157.75
P2022100	27.00	R0409706	339.00	R2000217	194.25	R2000514	159.75
P2023801	146.25	R0560701	118.75	R2000218	215.25	R2000515	159.75
P2067603	16.25	R10-143	45.75	R2000219	215.25	R2000516	191.50
P2074500	23.75	R10907700	245.25	R2000220	202.50	R2000517	194.00
P2074600	52.50	R10907701	223.75	R2000221	205.50	R2000518	194.00
P2093100	14.75	R10907702	273.00	R2000222	226.75	R2000601	121.50
P2142900	21.75	R10956000	52.00	R2000223	226.75	R2000602	121.50
P2143000	0.80	R10D3005	59.25	R2000224	208.50	R2000603	129.75
		R10X2013	228.00	R2000301	294.00	R2000604	129.75
Q		R10X3032	94.00	R2000302	294.00	R2000605	132.25
Q0068400	4.00	R10X3045	213.00	R2000303	294.00	R2000606	132.25
Q2016900	31.50	R12H7009	54.00	R2000304	297.50	R2000607	140.25
		R12H7060	852.75	R2000305	297.50	R2000608	140.25
R		R12H7061	852.75	R2000306	297.50	R2000609	143.00
R0021300	120.00	R12X2013	236.00	R2000307	301.50	R2000610	143.00
R0050801	67.25	R12X3032	106.00	R2000308	301.50	R2000611	150.75
R0059100	287.50	R12X3045	217.50	R2000309	301.50	R2000612	150.75
R0060600	91.00	R1-581	33.25	R2000310	311.75	R2000613	153.75
R0061300	184.50	R1-592	18.25	R2000311	313.00	R2000614	153.75
R0061400	93.50	R15D1002	127.25	R2000312	306.00	R2000615	161.50
R0061600	84.00	R15D1004	57.75	R2000313	334.00	R2000616	161.50
R0384700	932.75	R15D1100	244.25	R2000314	336.00	R2000617	175.25
R0384800	875.75	R15D3001	225.00	R2000315	325.00	R2000618	174.25
R0385000	371.25	R15D3002	225.00	R2000316	367.75	R2000619	182.75
R0385100	268.25	R15D3102	57.50	R2000317	370.50	R2000620	207.50
R0394901	85.00	R15D3303	95.75	R2000318	354.50	R2000621	206.25
R0394902	85.00	R15X2013	244.25	R2000401	80.50	R2000622	214.50
R0394903	85.00	R15X3032	113.00	R2000402	80.50	R2004000	256.50
R0394904	85.00	R15X3045	221.75	R2000403	88.75	R2004100	256.50
R0394905	85.00	R2000101	154.50	R2000404	88.75	R2006100	80.50
R0394906	85.00	R2000102	155.00	R2000405	84.50	R2006600	315.25
R0394907	85.00	R2000103	152.00	R2000406	84.50	R2007700	92.00
R0394908	85.00	R2000104	165.75	R2000407	92.50	R2008400	337.00
R0394909	85.00	R2000105	166.50	R2000408	92.50	R2015000	79.75
R0394910	85.00	R2000106	161.75	R2000409	88.50	R2028001	162.25
R0394911	85.00	R2000107	177.00	R2000410	88.50	R2028002	170.00
R0394912	85.00	R2000108	178.00	R2000411	96.25	R2028003	144.75

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
R2028200	436.75	R30D3005	71.50	RA2112213	1488.00	RL2018402	395.25
R2061100	94.50	R30D3102	57.50	RA2112217	1170.00	RL2018403	413.75
R2069101	620.75	R30D3301	119.00	RA2112227	967.50		
R2069102	728.25	R30D3302	108.25	RA2112228	1024.00	RP	
R2069103	764.00	R30D3303	140.25	RA2112230	865.25	RP2051400	141.50
R2069104	1061.00	R30D5013	53.25	RA2112232	332.75	RP2051500	164.50
R2069105	1139.00	R3C3320	319.00	RA2112235	2553.00	RP2051700	110.00
R2069200	79.00	R3C4000	2607.00	RA2112236	2532.00	RP2052900	67.75
R2069300	85.25	R3C4100	1643.00	RA2113602	117.75	RP2053000	46.25
R2069400	68.75	R3C4120	2224.00	RA2113700	760.50	RP2056100	39.00
R2069600	409.25	R3C4300	3091.00	RA2114200	1180.00	RP2065600	226.75
R2071601	96.25	R3F4205	2469.00	RA2117803	261.50	RP2067100	38.50
R2071602	112.50	R3F4205W	2311.00			RS	
R2072300	61.00	R3F4405	3049.00	RD		RS2105500	4190.00
R2072400	203.50	R3F4405W	3049.00	RD0091101	57.00	RS2106900	3735.00
R2072900	237.25	R40D1001	118.50	RD0091205	62.50	RS2108400	203.25
R2073200	72.25	R4C3320	346.25	RD0091206	39.75	RS2108500	58.00
R2073903	18.00	R4C4000	2862.00	RD0091207	52.50	RS2108700	259.75
R2073904	19.00	R4C4100	1993.00	RD2010501	71.25	RS2109100	99.75
R2073909	33.50	R4C4120	2813.00			RS2109400	29.00
R2073914	39.00	R4C4300	3554.00	RE		RS2110900	5037.00
R2073915	40.00	R4F4205	3260.00	RE0013000	317.50	RS2111000	7420.00
R2073970	100.50	R4F4205W	3260.00	RE0014400	251.75	RS2111100	10383.00
R2075500	33.75	R4F4405	3465.00	RE0084401	48.50	RS2112801	201.75
R2075501	268.75	R4F4405W	3465.00	RE0093200	317.75		
R2076500	197.00	R50D1001	79.50	RE0240900	76.00	RT	
R2076600	75.25	R50D1002	79.50	RE0254000	611.25	RT2109001	98.75
R2077501	2233.00	R50D1005	47.00	RE2058300	86.50	RTXD7108	672.75
R2077503	1507.00	R50D1006	39.25	RE2071501	381.25	RTXD7109	711.75
R2080601	402.00	R50D2021	96.75	RE2071502	372.50		
R2080602	402.00	R50D3003	83.00	RE2071503	381.00	RV	
R2080604	402.00	R50D3004	83.00	RE2071504	435.75	RV2001900	1197.00
R2080605	402.00	R50D3101	189.00	RE2074400	77.00	RV2017900	343.00
R2080606	324.75	R50D3200	403.75	RE2076500	568.75	RV2017901	341.25
R2080607	324.75	R50D3204	62.00	RE2077700	162.50	RV2017902	367.50
R2080608	324.75	R50D4020	262.50	RE2310500	74.25	RV2017903	393.75
R2080609	324.75	R50D7001	146.00	RE2319700	88.00	RV2017904	619.75
R2080802	2955.00	R50D7002	47.00	RE2319800	95.00	RV2030700	205.25
R2080803	2939.00	R50D7003	51.25	RE2319900	86.50		
R2081401	115.75	R50D7120	792.25	RE2320600	89.25	RW	
R2081402	106.75	R50D7408	387.25	RE2322700	77.50	RW2001800	246.75
R2086800	11.60	R50D7412	387.25	RE2333500	200.50	RW2001900	248.50
R20D3120	57.50	R50D7414	379.50	RE2333501	146.75	RW2002300	109.25
R20D3301	104.25	R5X2013	214.50	RE2334700	77.50	RW2013300	57.25
R20D3303	130.50	R5X3032	76.50	RE2334701	40.75	RW2013400	57.25
R20D4020	193.00	R5X3043	119.25	RE2337501	93.50		
R20X2013	258.00	R5X3044	119.00	RE2337502	52.00	RX	
R20X3032	134.00	R5X3045	204.50	RE2344300	325.00	RXD7198	650.75
R20X3045	230.25	R60D3200	429.25	RE2344301	336.00	RXD7199	650.75
R2C3320	298.50	R60D3203	446.00	RE2347200	423.25	RXD7234	650.75
R2C4000	2410.00	R70-216	84.50	RE2347600	82.75		
R2C4100	1371.00	R7X2013	221.75	RE2347601	73.50	S	
R2C4120	1764.00	R7X3032	85.25	RE2351400	38.75	S0070800	4.25
R2C4300	2694.00	R7X3045	208.75	RE2353601	31.50	S0076400	42.25
R2F4205	2429.00	R8D3005	59.25	RE2354000	68.75	S0076401	264.25
R2F4205W	2429.00	R8D3102	57.50	RE23569001	549.75	S0076500	13.25
R2F4405	2879.00			RE23569002	549.75	S0077700	66.25
R2F4405W	2879.00	RA		RE23569003	581.25	S2006600	3.00
R30-227	24.50	RA0001200	150.50	RE2362400	171.00	S2009300	3.00
R30D1004	51.50	RA0079000	107.75	RE2370700	137.00	S2104300	13.25
R30D1100	285.00	RA2107500	796.75			S2104400	8.00
R30D3001	285.75	RA2112201	1591.00	RL		S2104500	7.25
R30D3002	285.75	RA2112209	1020.00	RL2018401	338.00		

Effective December 6, 2021

<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>
S2104600	13.25	T0021703	31.00				
S2105400	6.50	T0021704	33.50				
S2112700	3.00	T0021705	69.00				
S2113800	4027.00	T0021706	72.75				
S2114000	4.25	T0022001	14.50				
S2114800	3.00	T0022002	17.25				
S2115100	3.00	T0022003	20.00				
S2115900	251.25	T0022004	22.75				
S2116000	3.00	T0022605	44.75				
S2116300	3.00	T0022606	52.25				
S2124500	3.00	T0027200	13.75				
S2125000	3.00	T0027300	4.50				
S2127300	9.50	T2007701	18.00				
S2127900	9.25	T2007702	18.50				
S2137800	3.00	T2007703	22.25				
S2138700	5.75	T2007704	25.50				
ST1001	45.75	T2007705	38.00				
ST1004	19.75	T2007706	36.50				
ST1006	78.25	T2007801	21.25				
ST1008	6.75	T2007802	21.50				
ST1011	33.00	T2007803	28.00				
ST1012	13.25	T2007804	28.75				
ST1014	26.25	T2007805	37.75				
ST1016	150.25	T2007806	44.25				
ST1019	6.75	T2015808	76.50				
ST1020	208.75	T2015809	76.50				
ST1021	91.50	T2015810	76.50				
ST1023	13.25	T2108802	294.25				
ST1024	26.25	T2108803	335.50				
ST1028	45.75	T2108804	398.75				
ST1029	2243.00						
ST1030	61.25	V					
ST1031	13.25	V0077500	265.75				
ST1032	12.75	V0079100	401.75				
ST1033	93.50	V0079400	142.75				
ST1034	22.50	V0079500	299.25				
ST1036	371.75	V2015100	12.00				
ST1037	163.25	V2022700	188.25				
ST1038	3.50	V2033100	279.00				
ST1039	182.75						
ST1040	6.75	W					
ST1041	6.75	W0036500	31.50				
ST1042	355.50	W0039600	65.75				
ST1044	6.75	W0040900	99.75				
ST1045	26.25	W0040901	92.00				
ST1047	6.75	W0040902	120.75				
ST1048	150.00	W2001700	11.00				
ST1050	208.75	W2002200	11.00				
ST1051	13.25	W2014200	52.50				
ST1052	6.75	W2014300	60.00				
ST1056	52.25	W2016400	12.50				
ST1060	293.50						
ST1062	6.75						
ST1069	19.75						
ST1070	19.75						
ST1073	26.25						
ST1076	1149.00						
ST1077	65.50						
ST1079	13.25						
T							
T0021701	32.50						
T0021702	27.50						



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