

# Commercial Parts Pricing

Hydronic Boilers, Volume Water Heaters and Commercial Pool Heaters  
 Sizes 50,000 - 5,000,000 BTU/h

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<b>Parts Identification</b>	HH, L, M, N, R, S, A	250-1666	4047



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](http://www.Laars.com)

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# NeoTherm

NTH 399-850 MBTU/h & NTV 150-850MBTU/h

Part No.	Description	Rev	Model	Sizes	Part No.	Description	Rev	Model	Sizes
<b>GAS / AIR COMPONENTS</b>					<b>CONVERSION KITS</b>				
RA2107500	Blower.....	all	NTV	150	R20D3120	Air inlet / exhaust bracket.....	all	NTV	150-199
RA2108500	Blower.....	all	both	600-850	85D3005	Air inlet / exhaust bracket.....	all	both	500-850
RA2113100	Blower.....	all	both	500	40D3005	Air inlet / exhaust bracket.....	all	both	399
RA2113100	Blower 7-27-09 & after.....	all	NTH	399	R30D3005	Air inlet / exhaust bracket.....	all	NTV	285
RA2114200	Blower.....	all	NTV	199-285	RD0091202	Air inlet flex hose.....	all	both	399
RA2114500	Blower before 7-27-09.....	all	NTH	399	RD0091203	Air inlet flex hose.....	all	both	750-850
RS2107500	Blower gasket with fasteners.....	all	both	600-850	RD0091001	Air inlet flex hose.....	all	both	500
R2069103	Main burner with gasket.....	all	NTV	150	RD0091101	Air inlet flex hose.....	all	NTV	199-285
R2069104	Main burner with gasket.....	all	NTV	199	RV2019400	Air inlet connector.....	all	both	399
R2069105	Main burner with gasket.....	all	NTV	285	RV2019300	Elbow adapter.....	all	both	399-500
R2069106	Main burner with gasket.....	all	both	399-500	RD2010213	2" pipe, CPVC.....	all	NTV	150-199
R2069107	Main burner with gasket.....	all	NTH	600	50D4027	PVC reducer.....	all	both	500
R2069108	Main burner with gasket.....	all	NTH	750	RP2053000	PVC reducer.....	all	NTV	150-199
R2069109	Main burner with gasket.....	all	NTH	850	RP2052800	PVC reducer.....	all	both	399
RS2108500	Burner gasket.....	all	both	150-600	RP2052800	PVC reducer.....	all	both	600-850
RS2113000	Burner gasket.....	all	both	750-850	RP2052900	PVC reducer.....	all	NTV	285
R2069200	Flame sensor with gasket.....	all	both	150-600	75D4020	CPVC reducer or coupling.....	all	both	399
R2071400	Flame sensor with gasket.....	all	both	750-850	75D4020	CPVC reducer or coupling.....	all	both	600-850
RW2013400	Flame sensor gasket.....	all	both	150-850	RP2065600	CPVC reducer or coupling.....	all	NTV	150-199
R2069300	Ignitor with gasket.....	all	both	150-600	RP2056100	Nylon NPT to hose barb adapt.....	all	both	150-285
R2071500	Ignitor with gasket.....	all	both	750-850	RP2067000	Nylon NPT to hose barb adapt.....	all	both	500
RW2013300	Ignitor gasket.....	all	both	150-850	<b>ELECTRICAL / CONTROL COMPONENTS</b>				
RS2112801	Burner door with gaskets.....	all	both	150-600	CA006203	Propane conversion kit.....	all	NTV	150
RS2115301	Burner door with gaskets.....	all	both	750-850	CA006204	Propane conversion kit.....	all	NTV	199
V2019700	Gas valve.....	all	both	600-850	CA006205	Propane conversion kit.....	all	NTV	285
RV2017902	Gas valve / venturi.....	all	NTV	150	CA006207	Propane conversion kit.....	all	NTH	600-850
RV2017903	Gas valve / venturi.....	all	NTV	199	CA006207	Propane convers kit, Dungs.....	all	both	399-500
RV2017904	Gas valve / venturi.....	all	NTV	285	CA006300	Propane conversion kit, HW.....	all	NTH	500
RV2019200	Gas valve / venturi, Dungs/EBM...	all	both	399	<b>ELECTRICAL / CONTROL COMPONENTS</b>				
A2116700	Gas/air venturi, Dungs.....	all	both	500	RE2319700	Duplex stack temp sensor.....	all	NTV	150-199
V2019600	Gas valve, Dungs/EBM.....	all	both	500	RE2319800	Duplex stack temp sensor.....	all	both	285-850
A2115000	Gas/air venturi.....	all	both	600-850	RE2319900	Duplex stack temp sensor.....	all	both	150-850
R30-227	Gas valve o-ring.....	all	NTV	150-285	RE2320600	Water temperature sensor.....	all	both	150-850
RS2104900	Gas valve/venturi cork gasket.....	all	NTH	500-850	CA005400	Outdoor air sensor.....	all	NTH	285-850
RS2105200	Venturi o-ring.....	all	both	399-850	CA005500	DHW sensor.....	all	both	150-850
R10D5021	Venturi to duct transition.....	all	NTV	150-199	CA005600	System water sensor.....	all	both	150-850
R30D5013	Venturi to duct transition.....	all	NTV	285	RE2333500	Display module.....	2**	NTH	285-850
50D5017	Venturi to duct trans, Dungs.....	all	both	500	RE2333500	Display module.....	2**	NTV	150-850
60D5052	Venturi to duct transition.....	all	NTH	600-750	RE2334000	Display module, CSD-1.....	2**	both	500-850
85D5052	Venturi to duct transition.....	all	NTH	850	RTXD7109	Control module.....	2**	NTV	150
RV2000200	Manual gas valve.....	all	both	399-500	RTXD7110	Control module.....	2**	NTV	199
RV2003000	Manual gas valve.....	all	both	500-850	RTXD7111	Control module.....	2**	both	399
R2003700	Manual gas valve.....	all	both	750-850	RTXD7112	Control module.....	2**	both	500
R2004000	High gas pressure switch.....	all	both	150-850	RTXD7113	Control module.....	2**	both	600-750
R2004100	Low gas pressure switch.....	all	both	150-850	RTXD7114	Control module.....	2**	both	850
RP2051400	Gas supply pipe.....	all	NTV	150-199	RTXD7115	Control module, CSD-1.....	2**	both	500
RP2051500	Gas supply pipe.....	all	NTV	285	RTXD7116	Control module, CSD-1.....	2**	both	600-750
P2054300	Gas supply pipe.....	all	both	399	RTXD7117	Control module, CSD-1.....	2**	both	850
P2051600	Gas supply pipe.....	all	both	500-600	CA50D7183	Retro to rev 3 control & display.....	2**	NTV	150 & 285
P2064200	Gas supply pipe.....	all	both	750-850	CA50D7190	Retro to rev 3 control & display.....	2**	NTV	199
RP2056500	Gas pipe 3/4" formed, Dungs.....	all	both	399	CA50D7184	Retro to rev 3 control & display.....	2**	both	399
R20D4020	Condensate trap assembly.....	all	NTV	150-199	CA50D7182	Retro to rev 3 control & display.....	2**	both	500
R50D4020	Condensate trap assembly.....	all	both	285-500	CA50D7185	Retro to rev 3 control & display.....	2**	both	600-750
R2075900	Condensate trap assembly.....	all	NTH	600-850	CA50D7186	Retro to rev 3 control & display.....	2**	both	850
RS2109100	Gasket kit.....	all	both	150-850	CA50D7187	Retro to rev 3 control & display.....	2**	both	500
RS2108600	Air/gas channel.....	all	NTV	150	CA50D7187	Retro to rev 3 cntrl/displ, CSD-1....	2**	both	500
RS2108700	Air/gas channel.....	all	both	199-399	CA50D7188	Retro to rev 3 cntrl/displ, CSD-1....	2**	both	600-750
RS2108801	Air/gas channel.....	all	both	500-600	CA50D7189	Retro to rev 3 cntrl/displ, CSD-1....	2**	both	850
RS2115400	Air adapter.....	all	both	750-850	RE2347200	Display module.....	3**	NTH	399-850
					RE2347200	Display module.....	3**	NTV	150-850

# NeoTherm 150-850 (cont.)

Part No.	Description	Rev	Model	Sizes	Part No.	Description	Rev	Model	Sizes
RXD7200	Control module.....	3**	NTV	150	RT2109001	Front refractory tile.....	all	both	150-600
RXD7201	Control module.....	3**	NTV	199	RT2110301	Front refractory tile.....	all	both	750-850
RXD7234	Control module.....	3**	NTV	285	R50D2021	Rear refractory tile.....	all	both	150-850
RXD7202	Cntrl mod, G16375986 or after	3**	both	399	R2069400	Black neoprene gasket	all	both	150-600
R2079700	Cntrl mod & pressure switch before G16375986	3**	both	399	R10-143	Drain.....	all	both	150-850
RXD7203	Control module.....	3**	both	500	R70-216	Air vent.....	1	NTH	285-500
RXD7204	Control module.....	3**	both	600-750	R1-592	Air vent.....	2&3	both	150-850
RXD7205	Control module.....	3**	both	850	<b>JACKET / BASE COMPONENTS</b>				
RXD7206	Control module, CSD-1.....	3**	both	500	50D3201	Front panel assy - indoor unit.....	1	NTH	399
RXD7207	Control module, CSD-1.....	3**	both	600-750	R60D3200	Front panel assy - indoor unit.....	2	NTV	150-285
RXD7208	Control module, CSD-1.....	3**	both	850	R60D3201	Front panel assy - indoor unit.....	2	both	399
R50D7412	Wire harness.....	all	NTV	150	R60D3202	Front panel assy - indoor unit.....	2	both	500-850
R50D7408	Wire harness.....	all	NTV	199-285	R60D3203	Front panel assy - indoor unit.....	3	NTV	150-285
R50D7406	Wire harness.....	all	both	399	R60D3204	Front panel assy - indoor unit.....	3	both	399
R50D7402	Wire harness.....	all	both	500	R60D3205	Front panel assy - indoor unit.....	3	both	500-850
R50D7404	Wire harness, CSD-1.....	all	both	500	85D3200	Front panel assy - outdoor unit.....	3	both	150-850
R50D7410	Wire harness.....	all	NTH	600	1-546	Latch - outdoor unit.....	3	both	150-850
R50D7411	Wire harness, CSD-1.....	all	NTH	600	R50D3204	Front panel handle.....	all	both	150-850
R50D7409	Wire harness.....	all	NTH	750-850	R15D3102	Jacket angle support.....	all	NTV	150
R50D7413	Wire harness, CSD-1.....	all	NTH	750-850	R30D3102	Jacket angle support.....	all	NTV	199-285
R50D7001	Control panel enclosure.....	all	both	150-850	R40D3102	Jacket angle support.....	all	both	399
R50D7002	High voltage shield.....	all	both	150-850	R50D3102	Jacket angle support.....	all	both	500-600
R50D7003	Top panel bracket.....	all	both	150-850	75D3102	Jacket angle support.....	all	NTH	750
RE2370700	Transformer.....	all	both	150-850	85D3102	Jacket angle support.....	all	NTH	850
RE2322700	On/off switch - indoor unit.....	all	both	150-850	R50D3003	Jacket support left stanchion.....	all	both	150-850
E2349900	On/off switch - outdoor unit.....	all	both	150-850	R50D3004	Jacket support right stanchion.....	all	both	150-850
RE2334700	Air pressure switch.....	2&3	NTV	150-285	R15D3002	Left side panel.....	all	NTV	150
RE2334700	Air pressure switch.....	2&3	both	500-850	R30D3002	Left side panel.....	all	NTV	199-285
RE2331700	Electrical connector with cable.....	all	both	399-500	R40D3002	Left side panel.....	all	both	399
RE2354000	Thermo-fuse, HX rear.....	3	both	285-850	R50D3002	Left side panel.....	all	both	500-600
RE2353601	Thermo-switch, burner door.....	3	both	285-850	75D3002	Left side panel.....	all	NTH	750
**Character 10 (last character) of the unit's model number shows revision. Contact Customer Service for rev 1 models.					85D3002	Left side panel.....	all	NTH	850
<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>					R15D3303	Left top panel.....	all	NTV	150
RS2110900	Heat exh w/ burner & gasket.....	all	NTV	150	R20D3303	Left top panel.....	all	NTV	199
RS2111000	Heat exh w/ burner & gasket.....	all	NTV	199	30D3312	Left top panel.....	2&3	NTV	285
RS2111100	Heat exh w/ burner & gasket.....	2&3	NTV	285	R40D3303	Left top panel.....	all	both	399
RS2111200	Heat exh w/ burner & gasket.....	2&3	both	399	50D3308	Left top panel.....	2&3	NTH	500
RS2111300	Heat exh w/ burner & gasket.....	2&3	both	500	60D3303	Left top panel.....	all	NTH	600
RS2111310	Heat exh w/ burner & gasket.....	all	both	600	75D3303	Left top panel.....	all	NTH	750
RS2111400	Heat exh w/ burner & gasket.....	all	both	750	85D3303	Left top panel.....	all	NTH	850
RS2111500	Heat exh w/ burner & gasket.....	all	both	850	15D3402	Middle left top panel.....	all	NTV	150
R0060600	T&P gauge.....	all	both	150-850	20D3403	Middle left top panel.....	all	NTV	199
A2114802	Pressure relief valve, 125psi.....	all	NTV	150-850	30D3311	Middle left top panel.....	2&3	NTV	285
RA2113602	Pressure relief valve, 75psi.....	all	NTH	399-850	15D3403	Middle right top panel.....	all	NTV	150
A2114400	Pump, after June 1, 2020.....	3	NTH	399	20D3402	Middle right top panel.....	all	NTV	199
A2135410	Pump, after June 1, 2020.....	3	NTH	500	30D3313	Middle right top panel.....	2&3	NTV	285
A2133621	Pump, after June 1, 2020.....	3	NTH	600-850	R40D3302	Middle top panel.....	1	NTH	399
A2135600	Pump, after June 1, 2020.....	3	NTV	150	40D3401	Middle top panel.....	2&3	both	399
A2135700	Pump, after June 1, 2020.....	3	NTV	199	R50D3302	Middle top panel.....	1	NTH	500
A2135500	Pump, after June 1, 2020.....	3	NTV	285	50D3401	Middle top panel.....	2&3	both	500
A2135420	Pump, after June 1, 2020.....	3	NTV	399-500	60D3302	Middle top panel.....	all	NTH	600
A2133616	Pump, after June 1, 2020.....	3	NTV	600-850	75D3302	Middle top panel.....	all	NTH	750
RA2112230	Pump, before June 1, 2020.....	all	NTH	399	85D3302	Middle top panel.....	all	NTH	850
RA2112229	Pump, before June 1, 2020.....	all	NTH	500	R50D3101	Rear panel.....	all	both	150-850
RA2120600	Pump, before June 1, 2020.....	all	NTV	150	R15D3001	Right side panel.....	all	NTV	150
RA2120700	Pump, before June 1, 2020.....	all	NTV	199	R30D3001	Right side panel.....	all	NTV	199-285
RA2120800	Pump, before June 1, 2020.....	all	NTV	285-500	R40D3001	Right side panel.....	all	both	399
RE2076500	Low water cutoff.....	all	both	150-850	R50D3001	Right side panel.....	all	both	500-600
R2008400	Water flow switch.....	all	both	150-850	75D3001	Right side panel.....	all	NTH	750
					85D3001	Right side panel.....	all	NTH	850
					15D3401	Right top panel.....	all	NTV	150

# NeoTherm 150-850 (cont.)

Part No.	Description	Rev	Model	Sizes	Part No.	Description	Rev	Model	Sizes
R20D3301	Right top panel.....	all	NTV	199					
30D3314	Right top panel.....	2&3	NTV	285					
R40D3301	Right top panel.....	1	NTH	399					
40D3402	Right top panel.....	2&3	both	399					
R50D3301	Right top panel.....	1	NTH	500					
50D3402	Right top panel.....	2&3	both	500					
60D3301	Right top panel.....	all	NTH	600					
75D3301	Right top panel.....	all	NTH	750					
85D3301	Right top panel.....	all	NTH	850					
R15D1100	Base assembly.....	all	NTV	150					
R30D1100	Base assembly.....	all	NTV	199-285					
R40D1100	Base assembly.....	all	both	399					
R50D1100	Base assembly.....	all	both	500					
60D1100	Base assembly.....	all	NTH	600					
75D1100	Base assembly.....	all	NTH	750					
85D1100	Base assembly.....	all	NTH	850					
R50D1002	Left fr / right rr support.....	all	both	150-850					
R50D1001	Left rear support stanchion.....	all	both	150-850					
R15D1002	Cantilevered base stanchion.....	all	NTV	150					
R40D1001	Cantilevered base stanchion.....	all	both	199-500					
R50D1003	Cantilevered base stanchion.....	all	both	600					
75D1002	Cantilevered base stanchion.....	all	both	750-850					
20D1005	Front stanchion brace.....	all	NTV	150-199					
60D1005	Front stanchion brace.....	all	both	600					
85D1005	Front/rear stanchion brace.....	all	both	750-850					
20D1007	Rear stanchion brace.....	all	NTV	150-199					
85D1005	Rear stanchion brace.....	all	both	600					
R50D1005	Rear stanchion brace.....	all	NTV	285					
R15D1004	Mounting rail.....	all	NTV	150					
R30D1004	Mounting rail.....	all	NTV	199-285					
40D1004	Mounting rail.....	all	both	399					
R50D1004	Mounting rail.....	all	both	500-600					
75D1004	Mounting rail.....	all	NTH	750					
85D1004	Mounting rail.....	all	NTH	850					
75D1006	Diagonal brace.....	all	NTH	750-850					
R50D1006	Heat exchanger rail clip.....	all	NTV	285					
85D1005	Front/rear stanchion brace.....	all	both	285-500					
<b>NEUTRALIZER COMPONENTS</b>									
A2123605	Neutralizer media, 2.5 lb.....	all	both	150-850					
A2123606	Neutralizer media, 40 lb.....	all	both	150-850					
Q2016900	Neutralizer media, sold by lb.....	all	both	150-850					



# NeoTherm LC

## NTH & NTV 1000-1700 MBTU/h

Part No.	Description	Rev	Part No.	Description	Rev
<b>GAS / AIR COMPONENTS</b>			<b>ELECTRICAL / CONTROL COMPONENTS</b>		
RA2113100	Blower.....	1000	10J6001	Nipple, flanged, 3/4NPT.....	1000-1200
A2120400	Blower.....	1200-1700	P2014200	Plug, 1/4"NPT, sq socket, black.....	1000-1200
S2116800	Gasket, blower flange.....	1000	P2080200	Plug, 3/4" stainless steel, NTV.....	all
S2113100	Gasket, blower flange.....	1200-1700	P0071500	Plug, 3/4" steel, NTH.....	all
RS2107500	Gasket, plenum to blower.....	1200-1700	P0026800	Plug, brass, 1/4".....	all
R2071700	Burner with gasket.....	1000-1200	P2080300	Plug, stainless steel, 1/4".....	all
RL2020200	Burner with gasket.....	1700	S2117900	O-ring, 1-7/16 OD.....	1000-1200
RS2113000	Gasket, burner.....	all	Q0068441	1/4" tube, pressure sensing, 6 1/4" long.....	1000-1200
R2071400	Flame sensor with gasket.....	all	<b>ELECTRICAL / CONTROL COMPONENTS</b>		
R2071500	Ignitor with gasket.....	all	RE2319900	Sensor, temperature, water, duplex.....	all
RW2013400	Gasket, flame sensor.....	all	E2359200	Sensor, temperature, stack.....	all
RW2013300	Gasket, ignitor.....	all	E2339400	Thermistor, NTC, stainless steel well.....	all
V2019600	Gas valve, Dungs.....	1000-1200	E2339800	Display, touch control.....	all
V2019700	Gas valve, servo-regulated.....	1700	10J7212	Spark generator.....	all
RV2000200	Gas valve, manual, 3/4".....	1000-1200	R10J7207	Transformer.....	all
RV2003000	Gas valve, manual, 1".....	1700	RE2217700	High limit, auto reset.....	all
R0384800	Gas valve, manual, 1 1/2".....	1000-1200	E2327800	Relay.....	all
P2068500	Flange, gas valve.....	1000-1200	E2349900	Rocker switch, 30A.....	all
RP2050100	Flange, gas valve.....	1700	E2350300	Electrical connector.....	1700
R2004000	High gas pressure switch.....	all	A0014300	Bell, optional, 24V.....	all
R2004100	Low gas pressure switch.....	all	RE2354000	Thermo-fuse, HX rear.....	all
A2116700	Venturi, gas/air mixing.....	1000-1200	RE2353601	Thermo-switch, burner door.....	all
A2115000	Venturi, gas/air mixing.....	1700	RE2344900	Switch, pressure, air/gas 0.15" set point.....	1000
17J6002	Venturi gas pipe.....	1700	E2334703	Switch, pressure, air/gas 0.15" set point.....	1200
60D5001	Venturi spacer.....	1700	E2334702	Switch, pressure, air/gas 0.18" set point.....	1000
R10J5150	Transition assembly, venturi.....	1000-1200	RE2344904	Switch, pressure, air/gas 0.18" set point.....	1200
RS2104900	Gasket, venturi gas valve, cork.....	1700	E2348100	Switch, pressure air/gas 0.07"w.c.....	1700
10J5153	Elbow assembly, venturi transition.....	1000-1200	E2348200	Switch, pressure, 1.90w.c. set point.....	1700
A2116300	Condensate trap.....	all	<b>Controls for units without stack sensor:</b>		
F2024900	Hose clamp, #12.....	all	RXD7146	Control, primary, before 11-15-14.....	1000
A0114400	Hose, .875 ID, rubber.....	all	RXD7147	Control, secondary, before 11-15-14.....	1000
A2119200	Switch, condensate level.....	all	RXD7148	Control, primary CSD1, before 11-15-14.....	1000
A2119000	Cap, condensate trap.....	all	RXD7149	Control, secondary CSD1, before 11-15-14.....	1000
10J1269	Mounting bracket, trap.....	all	RXD7150	Control, primary, before 11-15-14.....	1700
P2073200	Coupling, reducing, 3/4" to 1/2", PVC.....	all	RXD7151	Control, secondary, before 11-15-14.....	1700
P2067701	Pipe, PVC, 1/2"x 1.5" long.....	1000-1200	RXD7152	Control, primary CSD1, before 11-15-14.....	1700
10J1237	Bracket, hose, trap.....	1000-1200	RXD7153	Control, secondary CSD1, before 11-15-14.....	1700
A2119400	Sphere, 1" diameter.....	all	<b>Controls for units with stack sensor:</b>		
P2082201	Tubing, PVC, 3/4" ID x 1" OD x 3' long.....	1700	RXD7196	Control, primary 11-15-14 & after.....	1000
P2067604	Pipe, PVC, 3/4" x 37.5" long.....	1700	RXD7211	Control, secondary 11-15-14 & after.....	1000
P2083900	Pipe, PVC, 3/4" x 16.25" long with hole.....	1700	RXD7212	Control, primary CSD1 11-15-14 & after.....	1000
P2082202	Tubing, PVC, 3/4" ID x 1" OD x 2.75" long.....	1700	RXD7213	Control, secondary CSD1 11-15-14 & after.....	1000
R2077900	Adapter, 4mm hose barb.....	1700	RXD7214	Control, primary 11-15-14 & after.....	1200
P2081000	Coupling, no hub, shielded, 2".....	1000-1200	RXD7215	Control, secondary 11-15-14 & after.....	1200
P0004101	Fitting, 1/4 comp x 1/4NPT drilled.....	1000-1200	RXD7197	Control, primary CSD1 11-15-14 & after.....	1200
P0030700	Union, 1 1/2"NPT.....	1000-1200	RXD7216	Control, secondary CSD1 11-15-14 & after.....	1200
P0030800	Union, 2"NPT.....	1700	RXD7150	Control, primary 11-15-14 & after.....	1700
10-596	Tee, 1/4" barb, plastic.....	all	RXD7151	Control, secondary 11-15-14 & after.....	1700
10J6002	Tee, 1 1/2" NPT, male, w/ 1/4 port.....	1000-1200	RXD7152	Control, primary CSD1 11-15-14 & after.....	1700
S0064900	Bushing, nylon, 7/8" slit.....	1700	RXD7153	Control, secondary CSD1 11-15-14 & after.....	1700
P2032400	Bushing, reducer, 1/4x1/2, black.....	1700	<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>		
17J6005	Pipe, gas, main.....	1700	S2117800	Heat exchanger with burner.....	1000
17J6003	Pipe, supply gas.....	1700	S2117803	Heat exchanger with burner.....	1200
10J6006	Pipe, u-shape, 3/4NPT.....	1000-1200	S2114700	Heat exchanger with burner.....	1700
P0012300	Nipple, 1/4" x close.....	1700	RS2115301	Door, heat exchanger.....	all
P0015100	Nipple, 1"NPT x close, black.....	1700	RE0013000	Water flow switch.....	all
P2076500	Nipple, 1 1/2"NPT x 30" long black.....	1000-1200	RE2076500	Low water cutoff.....	all
10J6005	Nipple, 1 1/2"NPT, sch 40 w/ 3/4NPT port.....	1000-1200	A0063600	Pressure relief valve, 75psi, NTH.....	all
P2076400	Nipple, 3/4x1-3/4, black.....	1700			

# NeoTherm LC (cont.)

Part No.	Description	Rev	Part No.	Description	Rev
A2114802	Pressure relief valve, 125psi, NTV.....	all	10J7014	Panel, mounting, spark generator.....	1000-1200
A2117602	Gauge, pressure & temperature, remote.....	all	17J7014	Panel, mounting, spark generator.....	1700
A2133622	Pump, NTH.....	1000-1200	10J3018	Cover, access, water pipe.....	1000-1200
A2133619	Pump, NTV.....	1000-1200	10J3019	Cover, access, gas pipe.....	1000-1200
RP2078900	Well, immersion, 1/2"NPT, 2" long w/ clip.....	all	10J3025	Cover, access, field connections.....	1000-1200
R1-592	Coin vent valve.....	all	17J3025	Cover, access, field connections.....	1700
P2079000	Check valve.....	all	10J1238	Bracket, foot level.....	1000-1200
RT2110301	Tile, combustion chamber, front.....	all	E2341200	Electrical box.....	1000-1200
R50D2021	Tile, combustion chamber, rear.....	all	E2348300	Outlet box / dual receptacle.....	1700
RS2116200	Transition, flapper.....	1000	10J3030	Gasket, HX outlet.....	1000-1200
RS2114300	Transition, flapper.....	1200-1700	17J3030	Gasket, HX outlet.....	1700
RF2029200	Screw, M5-0.8x16mm, 5-pack kit.....	1000-1200	S2116600	Grommet, 1½" pipe, flex.....	1000-1200
RF2012800	Screw, M8-1.25x18mm, 4-pack kit.....	1700	S2116500	Grommet, 2" pipe, flex.....	all
S2112600	Flange nut, M6 serrated.....	all	S2117200	Grommet, 2½" pipe, flex.....	1700
S2112700	Screw M4x8.....	all	S2014100	Grommet, sealing, pipe, 3/4" dia.....	all
P0001100	Bushing, 1" x 3/4" blk (NTH CSD-1).....	all	R10J1218	Panel, rear, with gasket, natural.....	1000-1200
P2081700	Bushing, 1" x 3/4" sstl (NTV CSD-1).....	all	R17J1216	Panel, rear, with gasket, natural.....	1700
RS2105200	O-ring, 110mm ID.....	1000-1200	R10J1218P	Panel, rear, with gasket, propane.....	1000-1200
S2120100	O-ring, 2-7/8"OD x 2-5/8"ID.....	1700	R17J1216P	Panel, rear, with gasket, propane.....	1700
S2116900	O-ring, 61mm x 63mm x 4mm.....	1000-1200	10J3031	Plate, retainer, gasket, HX.....	1000-1200
10J4050	Pipe, water inlet, NTH.....	1000-1200	17J3031	Plate, retainer, gasket, HX.....	1700
10J4080	Pipe, water inlet, NTV.....	1000-1200	10J2520	Plate, vent adapter assembly.....	1000-1200
17J4005	Pipe, water inlet, NTH.....	1700	17J2520	Plate, vent adapter assembly.....	1700
17J4015	Pipe, water inlet, NTV.....	1700	10J1265	Panel, door assembly.....	all
10J4090	Pipe, water outlet assy, NTH.....	1000-1200	10J1262	Bezel, control.....	all
10J4060	Pipe, water outlet assy, NTV.....	1000-1200	R10J7008	Control panel, sliding, with decals.....	all
17J4003	Pipe, water outlet assy, NTH.....	1700	10J1263	Cover, control, sliding.....	all
17J4013	Pipe, water outlet assy, NTV.....	1700	10J7024	Bracket, slide stop, control panel.....	1000-1200
P0071500	Plug, 3/4".....	1000-1200	17J7024	Bracket, slide stop, control panel.....	1700
P2080200	Plug, 3/4" stainless steel.....	1000-1200	R10J1251	Panel, front, top, with gaskets and screws.....	all
P2079200	Plug, 1", cast iron (NTH).....	all	R10J3057	Front panel, with gaskets & screws.....	all
P2080400	Plug, 1", stainless steel (NTV).....	all	R10J1221	Panel, side, with gaskets.....	1000-1200
P2080500	Plug, 1/2" stainless steel, (NTV).....	all	R17J1221	Panel, side, with gaskets.....	1700
P2016000	Plug, 1/2" steel, (NTH).....	all	R10J1219	Top, case assembly.....	1000-1200
70-236	Plug, 1/8"NPT, blk, NTH.....	all	R17J1219	Top, case assembly.....	1700
P2042300	Plug, 1/8"NPT, sstl, NTV.....	all	10J1234	Top center support.....	1000-1200
			R10J1234	Top center support.....	1700
			10J1231	Cross brace, front HX, base.....	1000-1200
			17J1231	Cross brace, front HX, base.....	1700
			10J1243	Bracket, display mounting.....	all
			17J1241	Bracket, switch mounting.....	all
			10J1240	Bracket, T&P gauge mounting.....	all
			R10J1245	Bracket, sealing, bezel.....	all
			R2074503	Edge grip rubber seal 3/64-9/64x27".....	all
			R2073804	Gasket, d-shape, .75"x 4'.....	all
			R2073812	Gasket, d-shape, .75"x 12'.....	all
			R2073815	Gasket, d-shape, .75"x 15'.....	1700
			R2073903	Gasket, strip, foam, adhesive, 3/8x1/8x36".....	all
			R2073904	Gasket, strip, foam, adhesive, 3/8x1/8x48".....	1700
			R2073909	Gasket, strip, foam, adhesive, 3/8x1/8x9'.....	all
			R2074401	Gasket, closed cell, .75x.063, 1 foot.....	all
			R2074402	Gasket, closed cell, .75x.063, 2 feet.....	all
			R2074405	Gasket, closed cell, .75x.063, 5 feet.....	all
			R2074420	Gasket, closed cell, .75x.063, 20 feet.....	all
				<b>NEUTRALIZER COMPONENTS</b>	
			A2123605	Neutralizer media, 2.5 lb.....	all
			A2123606	Neutralizer media, 40 lb.....	all
			Q2016900	Neutralizer media, sold by lb.....	all
			A2123607	Condensate pump replacement.....	all
<b>JACKET / BASE COMPONENTS</b>					
10J1210	Base weldment.....	1000-1200			
17J1010	Base weldment.....	1700			
10J1205	Support, HX.....	1000-1200			
17J1205	Support, HX.....	1700			
17J3001	Support, jacket.....	1700			
10J1203	Channel, base.....	1000-1200			
17J1203	Channel, base.....	1700			
10J3038	Bracket, pipe.....	1000-1200			
17J3038	Bracket, pipe.....	1700			
10J1270	Bracket, angle, stiffening, control mount.....	1000-1200			
12J1247	Bracket, anti-racking, left side.....	1000-1200			
17J1018	Bracket, gas pipe.....	1700			
10J1239	Bracket, leveling, HX.....	1000-1700			
10J1207	Bracket, lift.....	1000-1200			
10J7013	Bracket, mounting, side, bottom.....	1000-1200			
10J7006	Bracket, mounting, slide, top.....	1000-1200			
10J7007	Bracket, slide, top.....	all			
10J1212	Rail, side top, jacket.....	1000-1200			
17J1212	Rail, side top, jacket.....	1700			
10J1214	Rail, top, front.....	1000-1200			
17J1214	Rail, top, front.....	1700			
10J1213	Rail, front leg, jacket.....	1000-1200			
10J1206	Rail, HX.....	1000-1200			
10J1204	Cross brace, HX, base.....	1000-1200			



# MagnaTherm FT

## MGH FT

Part No.	Description	Size	Part No.	Description	Size
<b>GAS / AIR COMPONENTS</b>			<b>ELECTRICAL / CONTROL PANEL COMPONENTS</b>		
A2133800	Blower, single phase.....	all	P2089300	Exhaust manifold adapt, 1/4barb x 1/4NPT....	all
A2133900	Blower, 208V three phase.....	all	P2134000	Exhaust manifold plug, 3/8"NPT.....	all
A2133901	Blower, 480-600V three phase.....	all	Q0078821	Tubing, silicone, 3/16" ID x 72" long.....	all
V2028300	Blower valve actuator assembly.....	1000-2000	Q2023704	Tubing, aluminum, sensor to flue, sect 1.....	1000-1500
V2027900	Blower valve actuator assembly.....	3000	Q2023707	Tubing, aluminum, sensor to flue, sect 1.....	2000-3000
S2135300	Gasket, blower outlet.....	all	Q2023701	Tubing, aluminum, sensor to flue, sect 2.....	1000-1500
15T5080	Transition assembly, blower.....	1000-1500	Q2023708	Tubing, aluminum, sensor to flue, sect 2.....	2000-3000
30T5080-1	Transition assembly, blower.....	2000-3000	Q2023702	Tubing, aluminum, sensor to filter box.....	1000-1500
15T5121	Intake air weldment.....	1000-1500	Q2023706	Tubing, aluminum, sensor to filter box.....	2000-3000
20N5121	Intake air weldment.....	2000	Q2023703	Tubing, aluminum, sensor to valve.....	1000
30T5121	Intake air weldment.....	3000	Q2023705	Tubing, aluminum, sensor to valve.....	1500
10T2001	Indexing bracket, blower.....	1000	Q2023709	Tubing, aluminum, sensor to valve.....	2000
15T2001	Indexing bracket, blower.....	1500	Q2023710	Tubing, aluminum, sensor to valve.....	3000
20T2001	Indexing bracket, blower.....	2000	30T2010	Condensate trap assembly.....	all
30T2001	Indexing bracket, blower.....	3000	<b>ELECTRICAL / CONTROL PANEL COMPONENTS</b>		
A2121700	Filter.....	all	E2395600	Sensor, inlet water temperature.....	all
L2022200	Burner.....	1000	E2395500	Sensor, outlet water temperature.....	all
L2022201	Burner.....	1500	E2389700	Sensor, low air pressure.....	all
L2022100	Burner.....	2000	E2376700	Sensor, oxygen.....	all
L2022101	Burner.....	3000	E2400300	Sensor, stack temperature.....	all
S2136300	Gasket, burner.....	1000-1500	30T7096	Controller assembly, Laars Linc**.....	all
S2136400	Gasket, burner.....	2000-3000	<i>**Model &amp; serial number required when ordering</i>		
S2135501	Burner door seal.....	1000	RXN7110-9000	Control, LMV**.....	all
S2135502	Burner door seal.....	1500	<i>**Model &amp; serial number required when ordering</i>		
S2135503	Burner door seal.....	2000	30N7089	Control assembly, O2 sensor.....	all
S2135504	Burner door seal.....	3000	RE2404904	Display, touchscreen.....	all
RW2015900	Flame sensor & gasket.....	all	E2374600	Handset, display & operating unit.....	all
S2120700	Gasket, flame sensor.....	all	R2086900	Spark generator.....	all
RW2016000	Spark ignitor & gasket.....	all	E2217800	High limit, manual reset (opt.).....	all
S2130200	Gasket, ignitor.....	all	RE2217700	High limit, auto reset (opt.).....	all
V2025500	Gas valve/actuator assembly.....	1000-2000	30N7103	Power supply with jumper.....	all
V2025600	Gas valve/actuator assembly.....	3000	RE2370700	Transformer, 120V-24V.....	all
V2025400	Gas valve actuator.....	all	E2355500	Transformer for 208V 1 & 3 phase.....	all
R2011400	Gas valve body.....	1000	E2355900	Transformer for 240V single phase.....	all
V2025200	Gas valve body.....	1500-2000	E2352600	Transformer for 480V-600V three phase.....	all
V2025300	Gas valve body.....	3000	30N7102	Transformer assembly, flame rod.....	all
S2135700	O-ring, actuator inlet.....	1000-2000	RE2322700	Switch, rocker.....	all
S2125300	Gasket, actuator inlet.....	3000	40N2008	Switch, condensate.....	all
300S5039	O-ring, actuator outlet.....	3000	E2311100	Relay, 115V, DPST.....	all
20N5095	Gasket, actuator outlet.....	1000-2000	E2311800	Circuit breaker, 3A.....	all
V2026400	Gas safety valve.....	1000-2000	E2335100	Circuit breaker, 2A.....	all
V2026200	Gas safety valve.....	3000	E2372700	Circuit breaker, 10A.....	all
10T6003	Sensing tube assembly, valve.....	1000	E2359700	Circuit breaker for 208-240V 1 phase.....	all
15T6003	Sensing tube assembly, valve.....	1500	E2355600	Circuit breaker for 208V three phase.....	all
20T6003	Sensing tube assembly, valve.....	2000	E2355100	Circuit breaker for 480V three phase.....	all
30T6003	Sensing tube assembly, valve.....	3000	E2360100	Circuit breaker for 600V three phase.....	all
W2000300	Manual test valve.....	all	E2383500	Circuit breaker for 600V three phase.....	all
R2004000	High gas pressure switch.....	all	E2355200	Contactor for 208V three phase.....	all
R2004100	Low gas pressure switch.....	all	E2353000	Contactor for 480-600V three phase.....	all
RF0044800	Sight glass.....	all	E2355400	GFCI receptacle.....	all
T2116200	Refractory, side 1.....	1000	15T7401	Wire harness, 120V single phase.....	1000-1500
T2115600	Refractory, side 1.....	1500	15T7402	Wire harness, 120V single phase.....	2000
T2115800	Refractory, side 1.....	2000	15T7403	Wire harness, 208V single phase.....	1000-1500
T2116000	Refractory, side 1.....	3000	15T7404	Wire harness, 208V single phase.....	2000
T2116300	Refractory, side 2.....	1000	15T7405	Wire harness, 220/240V single phase.....	1000-1500
T2115700	Refractory, side 2.....	1500	15T7406	Wire harness, 220/240V single phase.....	2000
T2115900	Refractory, side 2.....	2000	15T7407	Wire harness, 208V three phase.....	2000
T2116100	Refractory, side 2.....	3000	15T7410	Wire harness, 208V three phase.....	3000
F2013802	Anchor washer, refractory.....	all	15T7408	Wire harness, 480V three phase.....	2000

# MagnaTherm FT (cont.)

Part No.	Description	Size	Part No.	Description	Size
15T7411	Wire harness, 480V three phase.....	3000			
15T7409	Wire harness, 600V three phase.....	2000			
15T7412	Wire harness, 600V three phase.....	3000			
E2393000	Cable, diagnostic handset, 7-feet long.....	all			
<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>					
R10T2000	Heat exchanger assembly.....	1000			
R15T2000	Heat exchanger assembly.....	1500			
R20T2000	Heat exchanger assembly.....	2000			
R30T2000	Heat exchanger assembly.....	3000			
A0063600	PRV 75# .....	1000-1500			
A0002700	PRV 75# .....	2000			
A0000300	PRV 75# .....	3000			
RA0079000	Gauge, temperature & pressure.....	all			
RE0013000	Flow switch.....	all			
E2255800	Flow switch paddle.....	all			
RE2075100	Low water cutoff.....	all			
P2014200	Plug, 1/4" NPT.....	all			
P2016000	Plug, 1/2" NPT.....	all			
P0071500	Plug, 3/4" NPT.....	all			
S2114000	Grommet, rubber.....	all			
<b>JACKET / BASE COMPONENTS</b>					
15T3005	Panel, top, front.....	1000-1500			
30T3005	Panel, top, front.....	2000-3000			
15T3004	Panel, top, back.....	1000-1500			
30T3004	Panel, top, back.....	2000-3000			
15T3016	Panel, left side, upper.....	1000-1500			
30T3016	Panel, left side, upper.....	2000-3000			
15T3014	Panel, right side, upper.....	1000-1500			
30T3014	Panel, right side, upper.....	2000-3000			
15T3018	Panel, side, lower.....	1000-1500			
30T3013	Panel, side, lower.....	2000-3000			
15T3019	Panel, rear, lower.....	1000-1500			
30T3019	Panel, rear, lower.....	2000-3000			
15T3023	Panel, rear, upper.....	1000-1500			
30T3023	Panel, rear, upper.....	2000-3000			
15T3170	Door assembly, left.....	1000-1500			
30T3170	Door assembly, left.....	2000-3000			
30T3100	Door assembly, right.....	1000-3000			
30N7092	Control panel sheet metal assembly.....	all			
20N7312	Box, AC distribution 208-600V.....	all			
20N7313	Cover, AC distribution box 208-600V.....	all			
20N7311	Support, AC dist box.....	all			
15T3027	Cover, exhaust manifold sensor.....	all			
15T7316	Panel, AC distribution box 120V.....	all			
15T7317	Panel, AC distribution box 208-240V 1ph.....	all			
15T7318	Panel, AC distribution box 208-480V 3ph.....	all			
15T7319	Panel, AC distribution box 600V 3ph.....	all			
<b>NEUTRALIZER COMPONENTS</b>					
A2123605	Neutralizer media, 2.5 lb.....	all			
A2123606	Neutralizer media, 40 lb.....	all			
Q2016900	Neutralizer media, sold by lb.....	all			
A2123607	Condensate pump replacement.....	all			

# MagnaTherm

With Laars Linc - MGH & MG V Rev 3 - all MBTU/h

Part No.	Description	Size	Part No.	Description	Size
<b>GAS / AIR COMPONENTS</b>					
A2132700	Blower, 110-240V 1ph.....	1600	30N2010	Condensate trap assembly.....	2500-3000
A2135100	Blower, 110-240V 1ph, 208-480V 3ph.....	2000	40N2010	Condensate trap assembly.....	3500-4000
A2135200	Blower, 600V 3ph.....	2000	40N2008	Condensate switch.....	all
A2123700	Blower, 208-480V 3ph.....	2500-3000	R2004000	Pressure switch, high gas.....	all
A2123900	Blower, 208-480V 3ph.....	3500-4000	R2004100	Pressure switch, low gas.....	all
A2124100	Blower, 600V 3ph.....	2500-3000	A2123300	Venturi / Air intake assembly.....	1600-2000
A2124300	Blower, 600V 3ph.....	3500-4000	30N5092	Venturi / Air intake assembly.....	2500-3000
40N5077	Blower tube.....	3500-4000	40N5069	Gas/air intake assembly.....	3500-4000
P2097800	Adapter, 1/8"NPTx1/4"tube.....	1600-4000	E2386300	Flue gas sensor.....	all
P2097900	Adapter, 1/8"NPTx1/4"tube.....	1600-4000	16N5062	Adapter plate.....	1600
S2011100	Gasket, blower outlet flange.....	1600	20N5037	Adapter plate.....	2000
S2125600	Gasket, blower outlet flange.....	2000	30N5037	Adapter plate.....	2500-3000
S2125200	Gasket, blower outlet flange.....	2500-3000	A2121601	Flow sensor, diff pressure.....	2500-3000
40N5093	Gasket, blower outlet flange.....	3500-4000	A2121602	Flow sensor, diff pressure.....	3500
20N5095	Gasket, blower intake.....	1600-2000	A2121600	Flow sensor, diff pressure.....	4000
S2125300	Gasket, blower intake.....	2500-4000	16N5092	Pipe & flange weldment, blower.....	1600
20N5094	Gasket, filter box flange.....	1600-2000	20N5092	Pipe & flange weldment, blower.....	2000
A2121700	Filter.....	all	16N5074	Pipe & flange weldment, gas intake.....	1600
16N2600	Filter assembly (includes filter).....	1600	20N5090	Pipe & flange weldment, gas intake.....	2000
20N2600	Filter assembly (includes filter).....	2000-2500	30N6031	Nipple/tee weldment.....	1600-3000
30N2600	Filter assembly (includes filter).....	3000	40N6034	Pipe, gas inlet.....	3500-4000
35N2600	Filter assembly (includes filter).....	3500	70-236	Plug, 1/8".....	all
40N2600	Filter assembly (includes filter).....	4000	P0001400	Bushing, 2"x1-1/2".....	1600
L2021400	Burner.....	1600	P0001400	Bushing, 2"x1-1/2".....	3500-4000
L2019500	Burner.....	2000	P0008600	Elbow.....	2500
L2020600	Burner.....	2500-3000	P0008700	Elbow.....	1600-3000
L2019900	Burner.....	3500-4000	P0009600	Elbow, 90°, 1-1/2".....	3500-4000
S2129000	Gasket, burner.....	1600	P0011100	Nipple, 1/8 x close.....	all
S2125500	Gasket, burner.....	2000	P0011300	Nipple, 1/8"x2".....	1600-3000
S2125100	Gasket, burner.....	2500-3000	P0015500	Nipple.....	2000
S2124100	Gasket, burner.....	3500-4000	P0019100	Nipple, 1-1/2" x close.....	3000
S2124600	Gasket, burner top.....	3500-4000	P2095800	Nipple, 2" x 4".....	1600-2000
40N5092	Gasket, spacer.....	3500-4000	P0019800	Nipple.....	2000
RW2014900	Flame sensor, w/ gasket, nuts, spacers.....	1600	P0021100	Nipple, 2"x2".....	3000
RW2014901	Flame sensor, w/ nuts, spacers.....	2000-4000	P0021200	Nipple.....	2000-3000
S2120700	Flame sensor gasket.....	1600	P0015700	Nipple, 1" x 4 1/2".....	1600
RW2014100	Ignitor, spark ignition, with nuts.....	1600	V2022100	Pilot regulator.....	all
RW2014101	Ignitor, spark ignition, with nuts.....	2000-4000	V2022200	Ball valve, 3/8".....	all
S2130200	Ignitor gasket.....	1600	P0004100	Compression fitting, 1/4" tube x 1/4NPT.....	all
P2105100	Nozzle orifice, 0.2mm.....	1600	V2023200	Flange, adjustable shutter.....	1600
R2076304	Pilot tube and adapter.....	1600	P0020300	Nipple, 1"1/2"x6".....	2500
R2076303	Pilot tube and adapter.....	2000	P0053400	Nipple, 1"x9.5".....	1600
R2076301	Pilot tube and adapter.....	2500-3000	P0021700	Nipple, 2"x6".....	3500-4000
R2076302	Pilot tube and adapter.....	3500-4000	P0022600	Nipple, 2"NPTx4".....	2500-3000
R2082002	Pilot tube.....	1600	P0027100	Tee, 1/8".....	all
R30N6027	Pilot tube.....	2000-3000	P0030500	Union, 1".....	1600
40N6025	Pilot tube.....	3500-4000	P0030700	Union, 1 1/2".....	2000
V2023000	Gas valve, main, nat & LP.....	1600	P0030800	Union, 2".....	3500-4000
V2021200	Gas valve, main, nat & LP.....	2000-3500	P0008400	Elbow, 1"x90°.....	1600-2000
V2021200	Gas valve, main, propane.....	4000	P2008900	Elbow, 90°, 1/8".....	1600-4000
V2022300	Gas valve, main, natural.....	4000	P2032400	Bushing, reducing, 1/4x1/8.....	all
V2024400	Flange, gas valve.....	1600	P2045300	Nipple, 1-1/2"x2.5".....	4000
V2021900	Flange, gas valve.....	2000-4000	P2096500	Nipple, 1 1/2"x20.69".....	2500
RS2104900	Gasket, venturi / gas valve.....	1600-2000	P0003900	Adapter, 2"NPTx1-1/2"NPT.....	2000-2500
S2124800	O-Ring.....	3500-4000	P2077800	Nipple.....	2000
V2022400	Flange, adjustable shutter.....	2000-2500	P2085700	Adapter, 2"NPTx1-1/2"NPT.....	3000
V2022000	Flange, adjustable shutter.....	2500-4000	P2089000	Nipple, 3/8"x2".....	3500-4000
16N2010	Condensate trap assembly.....	1600	P2097800	Adapter, 1/8NPT x 1/4 tube.....	all
20N2010	Condensate trap assembly.....	2000	P2089600	Adapter, 1/8 FNPT x 1/8 ISO male.....	all
			P2090500	Nipple, 3/8"x3".....	1600-3000

# MagnaTherm (cont.)

Part No.	Description	Size	Part No.	Description	Size
P2090600	Tee, 3/8x3/8x3/8.....	all	E2361901	Pressure switch.....	3500
P2090700	Bushing, reducing, 3/8x1/8.....	all	E2362300	Pressure switch.....	3500
P2090900	Elbow, 45°, 2".....	3500-4000	E2362302	Pressure switch.....	3500-4000
P2091000	Nipple, 2"x14".....	3500-4000	E2334701	Pressure switch.....	4000
P2091100	Elbow, 90°, 2".....	3500-4000	16N7401	Wire harness, high volt to trans, 120V.....	1600
P2095900	Nipple.....	1600	16N7403	Wire harness, high volt to trans, 208V.....	1600
P2092800	Nipple.....	2000	16N7402	Wire harness, high volt to trans, 220V.....	1600
P2091600	Nipple.....	3000	20N740001	Wire harness, high volt to trans, 120V.....	2000
P2096600	Nipple, 1-1/2"x2.5".....	3500	20N740006	Wire harness, high volt to trans, 208V.1ph....	2000
RV2003000	Ball valve, 1".....	1600	20N740002	Wire harness, high volt to trans, 220V.....	2000
R2003700	Ball valve, 1½".....	2000-2500	20N740003	Wire harness, high volt to trans, 208V 3ph....	2000
R2011600	Ball valve, 2".....	1600-2000	20N740004	Wire harness, high volt to trans, 480V.....	2000
R2011600	Ball valve, 2".....	3000-4000	20N740005	Wire harness, high volt to trans, 600V.....	2000
S0064900	Bushing, nylon.....	all	30N745001	Wire harness, high volt to trans, 208V.....	2500-3000
S2123500	Washer, sealing.....	all	30N745002	Wire harness, high volt to trans, 480V.....	2500-3000
W2000300	Valve, manual, 1/8".....	3500-4000	30N745003	Wire harness, high volt to trans, 600V.....	2500-3000
<b>ELECTRICAL / CONTROL PANEL COMPONENTS</b>			40N745001	Wire harness, high volt to trans, 208V.....	3500-4000
RE2319900	Sensor, water temperature, outlet.....	all	40N745002	Wire harness, high volt to trans, 480V.....	3500-4000
E2395600	Sensor, water temperature, inlet.....	all	40N745003	Wire harness, high volt to trans, 600V.....	3500-4000
R2081900	Display, touch screen, w/ nuts & spacers.....	all	E2335100	Circuit breaker, 2A.....	all
E2366001	Display holder.....	all	E2372700	Circuit breaker, 10A.....	all
30N7090	Control panel assembly.....	all	E2311800	Circuit breaker, 3A.....	all
30N7101	Control module with bracket & standoffs.....	all	E2355400	GFCI Receptacle.....	all
XN716001	VFD, 120-240V 1ph.....	2000	E2368300	Circuit breaker, 120V.....	1600
XN716002	VFD, 208V 3ph.....	2000	E2359700	Circuit breaker, 208-240V 1ph.....	1600
XN716003	VFD, 480V.....	2000	E2355600	Circuit breaker, 208V 3ph.....	2000-4000
XN716004	VFD, 600V.....	2000	E2355100	Circuit breaker, 480V 3ph.....	2000-4000
XN715008	VFD, 208V.....	2500	E2360100	Circuit breaker, 600V 3ph.....	2000-4000
XN715009	VFD, 480V.....	2500	E2355200	Contactora, 3 POLE, 208V 3Ø.....	2500-4000
XN715010	VFD, 600V.....	2500	E2353000	Contactora, 3 POLE, 480-600V.....	2500-4000
XN715011	VFD, 208V.....	3500	RE2322700	Switch, on/off.....	all
XN715012	VFD, 480V.....	3500	<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>		
XN715013	VFD, 600V.....	3500	R16N2070	Heat Exchanger, MGH, H-Stamp.....	1600
XN715005	VFD, 208V.....	3000&4000	R20N2070	Heat Exchanger, MGH, H-Stamp.....	2000
XN715006	VFD, 480V.....	3000&4000	R30N2070	Heat Exchanger, MGH, H-Stamp.....	2500-3000
XN715007	VFD, 600V.....	3000&4000	R40N2070	Heat Exchanger, MGH, H-Stamp.....	3500-4000
20N3060	Spark generator.....	1600-2500	R16N2070W	Heat Exchanger, MGW, HLW-Stamp.....	1600
30N3060	Spark generator.....	3000	R20N2070W	Heat Exchanger, MGW, HLW-Stamp.....	2000
40N3060	Spark generator.....	3500-4000	R30N2070W	Heat Exchanger, MGW, HLW-Stamp.....	2500-3000
E2217800	High limit, manual reset.....	all	R40N2070W	Heat Exchanger, MGW, HLW-Stamp.....	3500-4000
RE2217700	High limit, auto reset.....	all	R2082200	Shroud assembly, upper.....	1600-2000
E2359300	Transformer 120V.....	1600-2000	R2082201	Shroud assembly, upper.....	2500-3000
E2355900	Transformer 220V.....	1600-2000	R2082202	Shroud assembly, upper.....	3500-4000
E2355500	Transformer 208V.....	2000-4000	R2082300	Shroud assembly, lower.....	1600
E2352600	Transformer 480V & 600V.....	2000-4000	R2082301	Shroud assembly, lower.....	2000
R2082500	Transformer, 120V/24V.....	1600	R2082302	Shroud assembly, lower.....	2500
RE2370700	Transformer, 120V/24V.....	2000-4000	R2082303	Shroud assembly, lower.....	3000
E2311100	Relay, 115V DPDT.....	1600-2000	R2082304	Shroud assembly, lower.....	3500
40N7064	DIN rail assembly, 120V.....	1600-2000	R2082305	Shroud assembly, lower.....	4000
40N7065	DIN rail assembly, 220V.....	1600-2000	RF0044800	Sight glass.....	all
40N7063	DIN rail assembly, 208V.....	2000-4000	RA0079000	Gauge, temp & pressure.....	all
40N7062	DIN rail assembly, 480V.....	2000-4000	A0002700	PRV 75# (MGH).....	1600-2000
40N7066	DIN rail assembly, 600V.....	2000-4000	A0000300	PRV 75# (MGH).....	2500-3000
RE2344901	Pressure switch.....	1600	A0000703	PRV 75# (MGH).....	3500-4000
E2363100	Pressure switch.....	1600	A0000400	PRV 125# (MGV).....	1600-2000
E2362200	Pressure switch.....	1600-2000	A0000200	PRV 125# (MGV).....	2500-3000
E2362001	Pressure switch.....	2000	A2124006	PRV 125# (MGV).....	3500-4000
E2362201	Pressure switch.....	2500	RE0013000	Flow switch.....	all
E2363400	Pressure switch.....	2500	E2255800	Flow switch paddle.....	1600-3000
E2362301	Pressure switch.....	3000	E2255900	Flow switch paddle.....	3500-4000
E2361900	Pressure switch.....	3000&4000	RE2075100	Low water cutoff.....	all

# MagnaTherm (cont.)

Part No.	Description	Size	Part No.	Description	Size
20N4026	Pipe, inlet manifold.....	all	20N3047	Brace, lower left side.....	1600-2000
20N4023	Pipe, outlet manifold.....	1600-3000	30N3049	Brace, lower left side.....	2500-3000
40N4020	Pipe, outlet manifold.....	3500-4000	40N3047	Brace, lower left side.....	3500-4000
P2086500	Coupling, flexible victaulic.....	1600-3000	20N3163	Hinge mounting bracket, left.....	1600-2000
P2086600	Coupling, flexible victaulic.....	3500-4000	30N3050	Hinge mounting bracket, left.....	2500-3000
P2088300	Plug, 1/2" SS.....	all	40N3163	Hinge mounting bracket, left.....	3500-4000
P2080300	Plug, 1/4" SS.....	all	20N3164	Hinge mounting bracket, right.....	1600-2000
S2114000	Grommet, rubber.....	all	30N3051	Hinge mounting bracket, right.....	2500-3000
			40N3164	Hinge mounting bracket, right.....	3500-4000
			30N3055	Bracket, hinge brace.....	all
			20N3054	Bracket, pressure switch.....	all
			17J3025	Cover, field connections.....	all
			R2074402	Gasket, .75" x .06" x 2 feet.....	all
			E2350900	Outlet box.....	all
			F2035400	Spacer.....	all
			F2039700	Silicone rubber bumper.....	3000-4000
			S2116500	Grommet, 2" pipe.....	all
			30N3007	Extension brace, rear.....	all
			20N3008	Brace, upper side.....	1600-2000
			30N3008	Brace, upper side.....	2500-3000
			40N3008	Brace, upper side.....	3500-4000
			20N3047	Brace, lower left & right side.....	1600-2000
			30N3011	Brace, lower right side.....	2500-3000
			40N3047	Brace, lower right side.....	3500-4000
			20N3005	Frame mounting bracket.....	1600-2000
			30N3012	Frame mounting bracket.....	2500-3000
			40N3005	Frame mounting bracket.....	3500-4000
			20N3013	Brace.....	1600-2000
			30N3013	Brace.....	2500-3000
			40N3013	Brace.....	3500-4000
			F0032300	Plug, button, 7/8".....	all
			40N3048	Panel, drain access.....	all
			30N3028	Cover, box, power input.....	2500-4000
			30N3024	Box, power input.....	2500-4000
			30N3023	Box, support, power input.....	2500-4000
			20N7313	Cover, box, power input.....	1600-2000
			20N7312	Box, power input.....	1600-2000
			20N7311	Box, support, power input.....	1600-2000
			E2357600	Bushing, reducing, 1" conduit.....	2500-4000
			E2074300	Bushing, 7/8 nylon, open.....	all
			S0064900	Bushing, 7/8 nylon, split.....	all
				<b>NEUTRALIZER COMPONENTS</b>	
			A2123605	Neutralizer media, 2.5 lb.....	all
			A2123606	Neutralizer media, 40 lb.....	all
			Q2016900	Neutralizer media, sold by lb.....	all
			A2123607	Condensate pump replacement.....	all
<b>JACKET / BASE COMPONENTS</b>					
16N1000	Base assembly.....	1600			
20N1000	Base assembly.....	2000			
30N1000	Base assembly.....	2500-3000			
40N1000	Base assembly.....	3500-4000			
20N3002	Panel, left bottom.....	1600-2000			
30N3002	Panel, left bottom.....	2500-3000			
40N3002	Panel, left bottom.....	3500-4000			
20N3004	Panel, right bottom.....	1600-2000			
30N3004	Panel, right bottom.....	2500-3000			
40N3004	Panel, right bottom.....	3500-4000			
30N3034	Plate, rear panel, gas pipe.....	all			
20N3019	Panel, upper rear.....	1600-2000			
30N3019	Panel, upper rear.....	2500-3000			
40N3019	Panel, upper rear.....	3500-4000			
20N3020	Panel, center rear.....	1600-2000			
30N3020	Panel, center rear.....	2500-3000			
40N3020	Panel, center rear.....	3500-4000			
16N3021	Panel, lower rear.....	1600			
20N3021	Panel, lower rear.....	2000			
25N3021	Panel, lower rear.....	2500			
30N3021	Panel, lower rear.....	3000			
40N3021	Panel, lower rear.....	3500-4000			
20N3036	Panel, right.....	1600-2000			
30N3036	Panel, right.....	2500-3000			
40N3036	Panel, right.....	3500-4000			
16N3045	Panel, top.....	1600-2000			
30N3045	Panel, top.....	2500-3000			
40N3045	Panel, top.....	3500-4000			
20N3035	Panel, top left.....	1600-2000			
30N3057	Panel, top left.....	2500-3000			
40N3035	Panel, top left.....	3500-4000			
30N3053	Panel, right, rain splatter.....	1600-3000			
30N3054	Panel, left, rain splatter.....	1600-3000			
40N3050	Panel, left & right, rain splatter.....	3500-4000			
20N7319	Panel, AC distribution box 120V.....	1600			
20N7316	Panel, AC distribution box 120V.....	2000			
20N7317	Panel, AC distribution box 208-240V 1ph.....	1600-2000			
20N7318	Panel, AC distribution box 208-600V 3ph.....	2000			
40N7061	Panel, AC distribution box.....	2500-4000			
20N7413	Cover, AC distribution box 120V.....	2000			
20N7313	Cover, AC distribution box 208-600V.....	1600-2000			
30N3028	Cover, AC distribution box.....	2500-4000			
20N7311	Support, AC dist box.....	1600-2000			
30N3023	Support, AC dist box.....	2500-4000			
20N7412	Box, AC distribution 120V.....	2000			
20N7312	Box, AC distribution 208-600V.....	1600-2000			
30N3024	Box, AC distribution.....	2500-4000			
20N3001	Stanchion.....	1600-2000			
20N3010	Stanchion.....	1600-2000			
30N3001	Stanchion.....	2500-3000			
40N3001	Stanchion.....	3500-4000			
30N3043	Strut, upper panel support.....	all			



# MagnaTherm HTD

## MGH & MGV HTD Rev 3 - all MBTU/h

Part No.	Description	Size	Part No.	Description	Size
<b>GAS / AIR COMPONENTS</b>			V2025200	Valve body, 1½" NPT.....	1600-2000
A2133800	Blower.....	1600	V2025300	Valve body, 2" NPT.....	2500-3000
A2135100	Blower 120-480V.....	2000	V2026600	Valve body, 2½" NPT.....	3500-4000
A2135200	Blower 600V.....	2000	V2025400	Actuator, electro-hydraulic.....	all
A2134700	Blower 208-480.....	2500-4000	S2135700	O-ring, valve actuator inlet.....	1600-2000
A2135000	Blower 600V.....	2500-4000	S2125300	Gasket, valve actuator inlet.....	2500-3000
20N5095	Gasket, blower inlet.....	1600-2000	S2134400	Gasket, valve actuator inlet.....	3500-4000
S2134100	Gasket, blower inlet.....	2500-3000	RV2003000	Valve, ball, 1".....	1600
S2134400	Gasket, blower inlet.....	3500-4000	R2003700	Valve, ball, 1½".....	2000
S2011100	Gasket, blower outlet.....	1600	R2011600	Valve, ball, 2".....	all
S2125200	Gasket, blower outlet.....	2500-3000	V2022200	Valve, ball, 3/8".....	all
S2125200	Gasket, blower outlet.....	3500-4000	V2028500	Pilot regulator.....	all
S2125600	Gasket, blower outlet.....	2000	16N6042	Sensor tube assembly, gas.....	1600
16N5062	Adapter plate, blower.....	1600	30N6042	Sensor tube assembly, gas.....	2000-3000
20N5037	Adapter plate, blower.....	2000	40N6042	Sensor tube assembly, gas.....	3500-4000
30N5037	Adapter plate, blower.....	2500-4000	R2004000	Switch, high gas pressure.....	all
16N5121	Intake air weldment.....	1600	R2004100	Switch, low gas pressure.....	all
20N5121	Intake air weldment.....	2000	W2000300	Test valve, manual.....	all
30N5121	Intake air weldment.....	2500	16N2010	Condensate trap assembly.....	1600
30N5121	Intake air weldment.....	3000	20N2010	Condensate trap assembly.....	2000
40N5121	Intake air weldment.....	3500-4000	30N2010	Condensate trap assembly.....	2500-3000
16N2620	Filter assembly (includes filter).....	1600	40N2010	Condensate trap assembly.....	3500-4000
20N2620	Filter assembly (includes filter).....	2000	P2097800	Adapter, 1/8"NPTx1/4"tube.....	1600-4000
20N2600	Filter assembly (includes filter).....	2500	Q0078821	Tubing, silicone, 3/16" ID x 72" long.....	all
30N2620	Filter assembly (includes filter).....	3000	Q2023504	Tube, aluminum, vertical, formed.....	1600-2000
35N2615	Filter assembly (includes filter).....	3500	Q2023505	Tube, aluminum, vertical, formed.....	2500-3000
40N2615	Filter assembly (includes filter).....	4000	Q2023506	Tube, aluminum, vertical, formed.....	3500-4000
A2121700	Filter.....	all	Q2023501	Tube, aluminum, horizontal, straight.....	1600-2000
V2028300	Air valve-actuator assembly.....	1600-2000	Q2023502	Tube, aluminum, horizontal, straight.....	2500-3000
V2027900	Air valve-actuator assembly.....	2500-3000	Q2023503	Tube, aluminum, horizontal, straight.....	3500-4000
V2028000	Air valve-actuator assembly.....	3500-4000	Q0068471	Tube, pilot feed, ¼" OD, 5 bends.....	1600
R30N5113	Sensor assembly, air, proximity.....	2000-4000	Q0068468	Tube, pilot feed ¼" OD 23.6"L formed.....	2000
L2022000	Burner.....	1600-2000	Q0068465	Tube, pilot feed, ¼" OD 24.18"L formed.....	2500-3000
L2020600	Burner.....	2500-3000	Q0068469	Tube, pilot feed, ¼" OD, 4 bends.....	3500-4000
L2021900	Burner.....	3500-4000	Q0068472	Tube, gas train sensing, ¼" OD, 3 bends.....	1600
S2129000	Gasket, burner flange, garlock.....	1600	Q0068473	Tube, gas train sensing, ¼" OD, 3 bends.....	2000-3000
S2125500	Gasket, burner flange, garlock.....	2000	Q0068470	Tube, gas train sensing, ¼" OD, 3 bends.....	3500-4000
S2125100	Gasket, burner flange, garlock.....	2500-4000	16N3002	Clamp, mounting, 1-½" pipe.....	1600
RW2014900	Flame sensor kit, w/ gasket, nuts, spacers... 1600	1600	16N6013	Nipple-tee weldment, 1x1x¼, 4.5".....	1600
RW2014901	Flame sensor kit with nuts & spacers.....	2000-4000	16N6015	Nipple-tee weldment, 2x2x3/8, 17".....	1600
S2120700	Gasket, flame sensor.....	1600	20N6015	Nipple-tee weldment, 1½x1½x¼, 2.5".....	2000
RW2014100	Igniter kit, with gasket, nuts & tab.....	1600	20N6017	Nipple-tee weldment, 2x2x3/8, 13.5".....	2000
RW2014101	Igniter kit, with nuts & tab.....	2000-4000	30N6033	Nipple-tee weldment, 2x2x3/8, 23.25".....	2500-3000
S2130200	Gasket, igniter.....	1600	30N6035	Nipple-tee weldment, 2x2x¼, 3".....	2500-3000
R2076304	Pilot tube assembly.....	1600	40N3016	Clamp, gas pipe, 1¼".....	1600
R2076303	Pilot tube assembly.....	2000	40N6014	Nipple-tee weldment, 2x2x3/8, 26".....	3500-4000
R2076301	Pilot tube assembly.....	2500-4000	70-236	Plug, 1/8 NPT, black, square.....	all
16N6023	Pilot feed tube assembly.....	1600	P0001500	Bushing, 2½x2 black.....	3500-4000
20N6023	Pilot feed tube assembly.....	2000	P0003900	Bushing, 1½x1 black.....	1600
30N6023	Pilot feed tube assembly.....	2500-3000	P0004100	Compression fitting, ¼" brass.....	1600-3000
40N6023	Pilot feed tube assembly.....	3500-4000	P0008400	Elbow, 1x90° black.....	1600
P2097800	Adapter, pilot tube, 1/8" NPT x 1/4".....	all	P0008600	Elbow, 1½x90° black.....	1600-2000
V2022100	Valve, pilot regulator.....	all	P0008900	Elbow, 2½x90° black.....	3500-4000
V2026400	Valve, NC safety shutoff.....	1600-2000	P0012300	Nipple, ¼ NPT x close.....	3500-4000
V2026200	Valve, NC safety shutoff.....	2500-3000	P0012400	Nipple, ¼ NPT x 4 black.....	3500-4000
V2026500	Valve, NC safety shutoff.....	3500-4000	P0015500	Nipple, 1 NPT x 3 black.....	1600
V2025500	Valve-actuator assembly, 1" NPT.....	1600-2000	P0015700	Nipple, 1 NPT x 4½ black.....	1600
V2025600	Valve-actuator assembly, 1¼" NPT.....	2500-3000	P0016100	Nipple, 1 NPT x 6 black.....	1600-2000
V2025700	Valve-actuator assembly, 1½" NPT.....	3500-4000	P0016900	Nipple, 1 NPT x 10 black.....	2000
			P0018000	Nipple, 1¼ NPT x 6 black.....	2500-3000



# MagnaTherm HTD (cont.)

Part No.	Description	Size	Part No.	Description	Size
P0019100	Nipple, 1½ NPT x 1-3/4 black.....	1600	XN712012	VFD with program for 480V.....	3500
P0019500	Nipple, 1½ NPT x 3 black.....	1600	XN712013	VFD with program for 600V.....	3500
P0019800	Nipple, 1½ NPT x 3½ black.....	2000	XN712005	VFD with program for 208V.....	3000-4000
P0021100	Nipple, 2 NPT x 2 black.....	3500-4000	XN712006	VFD with program for 480V.....	3000-4000
P0021700	Nipple, 2 NPT x 6 black.....	2500-3000	XN712007	VFD with program for 600V.....	3000-4000
P0022100	Nipple, 2½ NPT x 2½ black.....	3500-4000	R2086900	Spark generator.....	all
P0030500	Union, 1"NPT black.....	1600-2000	E2217800	High limit, manual reset (opt.).....	all
P0030600	Union, 1¼"NPT black.....	2500-3000	RE2217700	High limit, auto reset (opt.).....	all
P0030700	Union, 1½"NPT black.....	all	E2359300	Transformer for 120V.....	1600-2000
P0030800	Union, 2" NPT black.....	2500-3000	E2355900	Transformer for 220-240V.....	1600-2000
P0037800	Elbow, 2" NPT x 90° black.....	2500-3000	E2352600	Transformer for 480-600V.....	2000-4000
P2005400	Elbow, reducing, 90°, 1½ NPT x 1 NPT.....	2000	E2355500	Transformer for 208V.....	all
P2005500	Elbow, reducing, 90°, 2 NPT x 1½ NPT.....	3500-4000	30N7102	Transformer assembly, flame rod.....	all
P2009400	Union, 2½" NPT black.....	3500-4000	R2082500	Transformer, 120-24, CET, 75 VA.....	all
P2012500	Tee, ¼" NPT black.....	all	RE2322700	Switch, rocker.....	all
P2014300	Elbow, reducing, 90°, 1½ NPT x 1½ NPT.....	2500-3000	E2368300	Circuit breaker 120V.....	1600-2000
P2015900	Adapter, ¼" x ¼" brass.....	2000	E2359700	Circuit breaker 208-240V 1ph.....	1600-2000
P2032300	Elbow, 90° ¼"NPT x 1" NPT.....	1600-2000	E2335100	Circuit breaker, 2AMP.....	all
P2032400	Bushing, reducing, hex 1/4 x 1/8 black.....	all	E2311800	Circuit breaker, 3AMP.....	all
P2039400	Nipple, 1½ NPT x 5 black.....	2000	E2372700	Circuit breaker, 10AMP.....	all
P2041200	Nipple, 1¼ NPT x 1½ black.....	all	E2355600	Circuit breaker, DIN rail, 208V.....	2000-4000
P2045300	Nippe, 1½ NPT x 2½ black.....	2000	E2355100	Circuit breaker, DIN rail, 480V.....	2500-4000
P2052200	Pipe, 1¼ NPT x 13 black.....	2500-3000	E2360100	Circuit breaker, DIN rail, 600V.....	2500-4000
P2077700	Bushing, reducing, hex 1½ NPT x ¾ NPT.....	2000	E2355200	Contact, 3 POLE, 208V 3Ø.....	2500-4000
P2077800	Nipple, 1½ NPT.....	2000-4000	E2353000	Contact, 3 POLE, 480-600V.....	2500-4000
P2085100	Cap, plug, 2" tapered, red.....	all	E2311100	Relay, 115 VAC, DPST.....	all
P2085700	Reducer, 2" NPT x 1½ NPT black.....	1600-2000	30N7103	Power supply with jumper.....	all
P2090500	Nipple, 3/8 NPT x 3 black.....	all	20N740001	Harness, 120V high voltage.....	2000
P2090600	Tee, 3/8 x 3/8 x 3/8 black.....	all	20N740006	Harness, 208V 1Ø high voltage.....	2000
P2090700	Bushing, reducing, 3/8 NPT x 1/8 NPT.....	all	20N740003	Harness, 208V 3Ø, high voltage.....	2000
P2091100	Elbow, 90° 2"NPT street black.....	2500-3000	20N740002	Harness, 220-240V, high voltage.....	2000
P2092800	Pipe, 1½ NPT x 10 black.....	3500-4000	20N740004	Harness, 480V, high voltage.....	2000
P2095900	Nipple, 1½ NPT x 4½ black.....	1600	20N740005	Harness, 600V, high voltage.....	2000
P2100900	Nipple, 1 NPT x 12 black.....	1600	30N745001	Harness, 208V, high voltage.....	2500-3000
P2107200	Nipple, 2NPT x 3½ black.....	2500-4000	30N745002	Harness, 480V, high voltage.....	2500-3000
P2110600	Nipple, 1½ NPT x 2 black.....	2000	30N745003	Harness, 600V, high voltage.....	2500-3000
P2110700	Nipple, 1½ NPT x 5½ black.....	3500-4000	40N745001	Harness, 208V, high voltage.....	3500-4000
P2134900	Elbow, 90° 3/8 NPT black.....	1600-2000	40N745002	Harness, 480V, high voltage.....	3500-4000
P2135100	Nipple 3/8 NPT x 1½ black.....	1600-2000	40N745003	Harness, 600V, high voltage.....	3500-4000
P2136800	Nipple, 1¼ NPT x 5½ black.....	2500-3000	16N7401	Harness, 120V, high voltage.....	1600
			16N7402	Harness, 220-240V, high voltage.....	1600
			16N7403	Harness, 208V, high voltage.....	1600
			40N2008	Switch, condensate.....	all
			E2355400	GFCI receptacle, NEMA 5-15.....	1600-4000
			E2374600	Handset, display & operating unit.....	all
			E2393000	Cable, diagnostic handset, 7-foot long.....	all
<b>ELECTRICAL / CONTROL PANEL COMPONENTS</b>					
30N7096	Controller assembly, Laars Linc**.....	all			
	**Model & serial number required when ordering				
RXN7110-9000	Control, LMV**.....	all			
	**Model & serial number required when ordering				
RE2404903	Display, touchscreen.....	all			
E2366001	Display holder.....	all			
E2395600	Sensor, inlet water temperature.....	all			
E2395500	Sensor, outlet water temperature.....	all			
E2389700	Sensor, low air pressure.....	all			
E2376700	Sensor, oxygen.....	all			
E2386300	Sensor, stack temperature.....	all			
30N7089	Control assembly, O2 sensor.....	all			
XN712001	VFD with program for 120-240V 1Ø.....	2000			
XN712002	VFD with program for 208V 3Ø.....	2000			
XN712003	VFD with program for 480V.....	2000			
XN712004	VFD with program for 600V.....	2000			
XN712008	VFD with program for 208V.....	2500			
XN712009	VFD with program for 480V.....	2500			
XN712010	VFD with program for 600V.....	2500			
XN712011	VFD with program for 208V.....	3500			
			<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>		
			R16N2180	Heat exchanger assembly, H-stamp.....	1600
			R20N2180	Heat exchanger assembly, H-stamp.....	2000
			R25N2180	Heat exchanger assembly, H-stamp.....	2500
			R30N2185	Heat exchanger assembly, H-stamp.....	3000
			R35N2180	Heat exchanger assembly, H-stamp.....	3500
			R40N2180	Heat exchanger assembly, H-stamp.....	4000
			R16N2180W	Heat exchanger assembly, HLW-stamp.....	1600
			R20N2180W	Heat exchanger assembly, HLW-stamp.....	2000
			R25N2180W	Heat exchanger assembly, HLW-stamp.....	2500
			R30N2185W	Heat exchanger assembly, HLW-stamp.....	3000
			R35N2180W	Heat exchanger assembly, HLW-stamp.....	3500
			R40N2180W	Heat exchanger assembly, HLW-stamp.....	4000

# MagnaTherm HTD (cont.)

Part No.	Description	Size	Part No.	Description	Size
20N2049	Shroud assembly, upper.....	1600-2000	20N7318	Panel, AC distribution box 208-600V 3ph.....	2000
30N2049	Shroud assembly, upper.....	2500-3000	40N7061	Panel, AC distribution box.....	2500-4000
16N205001	Shroud assembly, lower.....	1600	20N7413	Cover, AC distribution box 120V.....	2000
20N205001	Shroud assembly, lower.....	2000	20N7313	Cover, AC distribution box 208-600V.....	1600-2000
25N205002	Shroud assembly, lower.....	2500	30N3028	Cover, AC distribution box.....	2500-4000
30N205001	Shroud assembly, lower.....	3000	20N7311	Support, AC dist box.....	1600-2000
35N205001	Shroud assembly, lower.....	3500	30N3023	Support, AC dist box.....	2500-4000
40N205001	Shroud assembly, lower.....	4000	20N7412	Box, AC distribution 120V.....	2000
A0000400	PRV 125# (MGV).....	1600-2000	20N7312	Box, AC distribution 208-600V.....	1600-2000
A0000200	PRV 125# (MGV).....	2500-3000	30N3024	Box, AC distribution.....	2500-4000
A2124006	PRV 125# (MGV).....	3500-4000	30N3053	Panel, right, rain splatter.....	1600-3000
A0002700	PRV 75# (MGH).....	1600-2000	40N3050	Panel, right, rain splatter.....	3500-4000
A0000300	PRV 75# (MGH).....	2500-3000	30N3062	Panel, left, rain splatter.....	1600-3000
A0000703	PRV 75# (MGH).....	3500-4000	40N3053	Panel, left, rain splatter.....	3500-4000
RA0079000	Gauge, temperature & pressure.....	all	20N3034	Panel, rain splatter.....	1600-2000
RE0013000	Flow switch.....	all	17J3025	Cover, field connections.....	1600
E2255800	Flow switch paddle.....	1600-3000	E2395201	Electrical box.....	2000-4000
E2255900	Flow switch paddle.....	3500-4000	E2394401	Electrical box.....	2500-4000
RE2075100	Low water cutoff.....	all	E2394600	Cover, electrical box.....	2500-4000
20N4026	Waterway inlet weldment.....	1600-3000	40N3048	Panel, rear access, drain.....	all
40N4026	Waterway inlet weldment.....	3500-4000	20N3010	Stanchion.....	1600-2000
20N4023	Waterway outlet weldment.....	1600-3000	20N3001	Stanchion.....	1600-2000
40N4020	Waterway outlet weldment.....	3500-4000	30N3001	Stanchion.....	2500-3000
RF0044800	Sight glass.....	all	40N3001	Stanchion.....	3500-4000
P2086500	Coupling, Victaulic.....	all	20N3047	Brace, lower left side.....	1600-2000
P2088300	Plug, 1/2" NPT, SS.....	all	30N3049	Brace, lower left side.....	2500-3000
P2080300	Plug, 1/4" NPT, SS.....	all	40N3047	Brace, lower left side.....	3500-4000
S2114000	Grommet, rubber.....	all	20N3163	Hinge, mounting bracket, left.....	1600-2000
<b>JACKET / BASE COMPONENTS</b>			30N3050	Hinge, mounting bracket, left.....	2500-3000
16N1000	Base Assembly.....	1600	40N3163	Hinge, mounting bracket, left.....	3500-4000
20N1000	Base Assembly.....	2000	20N3164	Hinge, mounting bracket, right.....	1600-2000
30N1000	Base Assembly.....	2500-3000	30N3051	Hinge, mounting bracket, right.....	2500-3000
40N1015	Base Assembly.....	3500-4000	40N3164	Hinge, mounting bracket, right.....	3500-4000
20N3002	Panel, left bottom.....	1600-2000	30N3055	Bracket, hinge base.....	1600-3000
30N3002	Panel, left bottom.....	2500-3000	S0064900	Bushing, nylon, 7/8, slit.....	all
40N3002	Panel, left bottom.....	3500-4000	<b>NEUTRALIZER COMPONENTS</b>		
20N3004	Panel, right bottom.....	1600-2000	A2123605	Neutralizer media, 2.5 lb.....	all
30N3004	Panel, right bottom.....	2500-3000	A2123606	Neutralizer media, 40 lb.....	all
40N3004	Panel, right bottom.....	3500-4000	Q2016900	Neutralizer media, sold by lb.....	all
20N3055	Panel, left upper.....	1600-2000	A2123607	Condensate pump replacement.....	all
30N3064	Panel, left upper.....	2500-3000			
20N3019	Panel, upper rear.....	1600-2000			
30N3019	Panel, upper rear.....	2500-3000			
40N3031	Panel, upper rear.....	3500-4000			
20N3020	Panel, center rear.....	1600			
20N3072	Panel, center rear.....	2000			
30N3072	Panel, center rear.....	2500-3000			
40N3072	Panel, center rear.....	3500-4000			
16N3021	Panel, lower rear.....	1600			
20N3021	Panel, lower rear.....	2000			
20N3036	Panel, right.....	1600-2000			
30N3036	Panel, right.....	2500-3000			
40N3036	Panel, right.....	3500-4000			
16N3045	Panel, top.....	1600-2000			
30N3035	Panel, top.....	2500-3000			
40N3037	Panel, top.....	3500-4000			
30N7092	Control panel sheet metal assembly.....	all			
20N7319	Panel, AC distribution box 120V.....	1600			
20N7316	Panel, AC distribution box 120V.....	2000			
20N7317	Panel, AC distribution box 208-240V 1ph.....	1600-2000			

# MagnaTherm

## MGH & MGV Revs 1 & 2 - all MBTU/h

Part No.	Description	Size	Part No.	Description	Size
<b>GAS / AIR COMPONENTS</b>			V2022400	Flange, adjustable shutter.....	2000
R2004900	Blower, 110-240V 1ph.....	1600	V2022000	Flange, adjustable shutter.....	2500-4000
A2123800	Blower, 110-240V 1ph, 208-480V 3ph.....	2000	20N2010	Condensate trap assembly.....	1600-2000
A2124200	Blower, 600V 3ph.....	2000	30N2010	Condensate trap assembly.....	3500-3000
A2123700	Blower, 208-480V 3ph.....	2500-3000	40N2010	Condensate trap assembly.....	3500-4000
A2123900	Blower, 208-480V 3ph.....	3500-4000	R2004000	Pressure switch, high gas.....	all
A2124100	Blower, 600V 3ph.....	2500-3000	R2004100	Pressure switch, low gas.....	all
A2124300	Blower, 600V 3ph.....	3500-4000	A2123300	Venturi / Air intake assembly.....	1600-2000
40N5077	Blower tube.....	3500-4000	25N5092	Venturi / Air intake assembly.....	2500
S2011100	Gasket, blower outlet flange.....	1600	30N5092	Venturi / Air intake assembly.....	3000
S2125600	Gasket, blower outlet flange.....	2000	40N5069	Gas/air intake assembly.....	3500-4000
S2125200	Gasket, blower outlet flange.....	2500-3000	E2340000	Flue gas sensor.....	all
40N5093	Gasket, blower outlet flange.....	3500-4000	16N5062	Adapter plate.....	1600
20N5095	Gasket, blower intake.....	1600-2000	20N5037	Adapter plate.....	2000
S2126500	Gasket, blower intake.....	2500	30N5037	Adapter plate.....	2500-3000
S2125300	Gasket, blower intake.....	3000-4000	A2121601	Flow sensor, diff pressure.....	2500-3000
20N5094	Gasket, filter box flange.....	1600-2000	A2121600	Flow sensor, diff pressure.....	3500-4000
A2121700	Filter.....	all	16N5092	Pipe & flange weldment, blower.....	1600
16N2600	Filter assembly (includes filter).....	1600	20N5092	Pipe & flange weldment, blower.....	2000
20N2600	Filter assembly (includes filter).....	2000-2500	16N5074	Pipe & flange weldment, gas intake.....	1600
30N2600	Filter assembly (includes filter).....	3000	20N5090	Pipe & flange weldment, gas intake.....	2000
40N2600	Filter assembly (includes filter).....	3500-4000	30N6031	Nipple/tee weldment.....	1600-3000
L2021400	Burner.....	1600	40N6034	Pipe, gas inlet.....	3500-4000
L2019500	Burner.....	2000	70-236	Plug, 1/8".....	all
L2020600	Burner.....	2500-3000	P0001400	Bushing, 2"x1-1/2".....	3500-4000
L2019900	Burner.....	3500-4000	P0008600	Elbow.....	1600-2000
S2129000	Gasket, burner.....	1600	P0008700	Elbow.....	1600-3000
S2125500	Gasket, burner.....	2000	P0009600	Elbow, 90°, 1-1/2".....	3500-4000
S2125100	Gasket, burner.....	2500-3000	P0011100	Nipple, 1/8 x close.....	all
S2124100	Gasket, burner.....	3500-4000	P0011300	Nipple, 1/8"x2".....	1600-3000
S2124600	Gasket, burner top.....	3500-4000	P0015500	Nipple.....	1600-2000
40N5092	Gasket, spacer.....	3500-4000	P0019100	Nipple, 1-1/2" x close.....	2500-3000
RW2014900	Flame sensor, with gasket.....	1600-4000	P2095800	Nipple, 2" x 4".....	1600
S2120700	Flame sensor gasket.....	1600	P0019800	Nipple.....	2000
RW2014100	Ignitor, spark ignition, with gasket.....	1600-4000	P0021100	Nipple, 2"x2".....	3500-4000
S2130200	Ignitor gasket.....	1600	P0021200	Nipple.....	2000-3000
20N3060	Spark generator.....	1600-2500	V2022100	Pilot regulator.....	all
30N3060	Spark generator.....	3000	V2022200	Ball valve, 3/8".....	all
40N3060	Spark generator.....	3500-4000	P0004100	Compression fitting, 1/4" tube x 1/4NPT.....	all
R2076801	Replace hot surface with spark.....	2000	V2023200	Flange, adjustable shutter.....	1600
R2076802	Replace hot surface with spark.....	2500	P0021700	Nipple, 2"x6".....	3500-4000
R2076803	Replace hot surface with spark.....	3000	P0022600	Nipple, 2"NPTx4".....	2000-3000
R2076804	Replace hot surface with spark.....	3500-4000	P0027100	Tee, 1/8".....	all
R2076304	Pilot tube and adapter.....	1600	P0030500	Union, 1".....	1600
R2076303	Pilot tube and adapter.....	2000	P0030700	Union, 1 1/2".....	2000
R2076301	Pilot tube and adapter.....	2500-3000	P0030800	Union, 2".....	3500-4000
R2076302	Pilot tube and adapter.....	3500-4000	P2008900	Elbow, 90°, 1/8".....	all
16N6027	Pilot tube.....	1600	P2032400	Bushing, reducing, 1/4x1/8.....	all
R30N6027	Pilot tube.....	2000-3000	P2045300	Nipple, 1-1/2"x2.5".....	4000
40N6025	Pilot tube.....	3500-4000	P2072800	Nipple.....	2000
V2023000	Gas valve, main, nat & LP.....	1600	P0003900	Adapter, 2"NPTx1-1/2"NPT.....	1600
V2021200	Gas valve, main, nat & LP.....	2000-3500	P2077800	Nipple.....	2000
V2021200	Gas valve, main, propane.....	4000	P2085700	Adapter, 2"NPTx1-1/2"NPT.....	2500-3000
V2022300	Gas valve, main, natural.....	4000	P2089000	Nipple, 3/8"x2".....	3500-4000
V2024400	Flange, gas valve.....	1600	P2089300	Adapter, 1/4 tube barb to 1/8 NPT male.....	2000-4000
V2021900	Flange, gas valve.....	2000-4000	P2089600	Adapter, 1/8 FNPT x 1/8 ISO male.....	all
RS2104900	Gasket, venturi / gas valve.....	1600-2000	P2090500	Nipple, 3/8"x3".....	1600-3000
S2124800	O-Ring.....	3500-4000	P2090600	Tee, 3/8x3/8x3/8.....	all
			P2090700	Bushing, reducing, 3/8x1/8.....	all
			P2090900	Elbow, 45°, 2".....	3500-4000

Note - Units built after 5-1-2015 were built with spark ignition

# MagnaTherm (cont.)

Part No.	Description	Size	Part No.	Description	Size
P2091000	Nipple, 2"x14".....	3500-4000	40N7062	DIN rail assembly, 480V.....	2000-4000
P2091100	Elbow, 90°, 2".....	3500-4000	40N7066	DIN rail assembly, 600V.....	2000-4000
P2095900	Nipple.....	1600	RE2344901	Pressure switch.....	1600
P2092800	Nipple.....	2000	E2363100	Pressure switch.....	1600
P2091600	Nipple.....	2500-3000	E2362200	Pressure switch.....	1600-2000
P2096600	Nipple, 1-1/2"x2.5".....	3500	E2362001	Pressure switch.....	2000
R2003700	Ball valve, 1½".....	2000	E2362201	Pressure switch.....	2500
R2011600	Ball valve, 2".....	all	E2363400	Pressure switch.....	2500
S0064900	Bushing, nylon.....	1600-3000	E2362301	Pressure switch.....	3000
S2123500	Washer, sealing.....	all	E2361900	Pressure switch.....	3000-4000
W2000300	Valve, manual, 1/8".....	3500-4000	E2361901	Pressure switch.....	3000-4000
			E2362300	Pressure switch.....	3500-4000
			E2362302	Pressure switch.....	3500-4000
			16N7401	Wire harness, high volt to trans, 120V.....	1600
			16N7402	Wire harness, high volt to trans, 220V.....	1600
			20N740001	Wire harness, high volt to trans, 120V.....	2000
			20N740002	Wire harness, high volt to trans, 220V.....	2000
			20N740003	Wire harness, high volt to trans, 208V.....	2000
			20N740004	Wire harness, high volt to trans, 480V.....	2000
			20N740005	Wire harness, high volt to trans, 600V.....	2000
			30N745001	Wire harness, high volt to trans, 208V.....	2500-3000
			30N745002	Wire harness, high volt to trans, 480V.....	2500-3000
			30N745003	Wire harness, high volt to trans, 600V.....	2500-3000
			40N745001	Wire harness, high volt to trans, 208V.....	3500-4000
			40N745002	Wire harness, high volt to trans, 480V.....	3500-4000
			40N745003	Wire harness, high volt to trans, 600V.....	3500-4000
			20N7316	Panel, AC distribution box, 120V.....	1600-2000
			20N7317	Panel, AC distribution box, 220V.....	1600-2000
			20N7318	Panel, AC distribution box, 208-600V.....	2000
			E2346300	Plug, terminal block.....	all
			E2335100	Circuit breaker, 2A.....	all
			E2318900	Circuit breaker, 10A.....	all
			E2311800	Circuit breaker, 3A.....	all
			E2355400	GFCI Receptacle.....	all
				<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>	
			R16N2070	Heat Exchanger, MGH, H-Stamp.....	1600
			R20N2070	Heat Exchanger, MGH, H-Stamp.....	2000
			R30N2070	Heat Exchanger, MGH, H-Stamp.....	2500-3000
			R40N2070	Heat Exchanger, MGH, H-Stamp.....	3500-4000
			R16N2070W	Heat Exchanger, MG, HLW-Stamp.....	1600
			R20N2070W	Heat Exchanger, MG, HLW-Stamp.....	2000
			R30N2070W	Heat Exchanger, MG, HLW-Stamp.....	2500-3000
			R40N2070W	Heat Exchanger, MG, HLW-Stamp.....	3500-4000
			RF0044800	Sight glass.....	all
			RA0079000	Gauge, temp & pressure.....	all
			A0002700	PRV 75# (MGH).....	1600-2000
			A0000300	PRV 75# (MGH).....	2500-3000
			A2080000	PRV 75# (MGH).....	3500-4000
			A0064400	PRV 125# (MGV).....	1600-2000
			A0000200	PRV 125# (MGV).....	2500-4000
			RE0013000	Flow switch.....	all
			E2255800	Flow switch paddle.....	1600-3000
			E2255900	Flow switch paddle.....	3500-4000
			RE2075100	Low water cutoff.....	all
			RE2058300	Well, immersion, 1/2"NPT.....	all
			20N4023	Pipe, outlet manifold.....	1600-3000
			40N4020	Pipe, outlet manifold.....	3500-4000
			P2086500	Coupling, flexible victaulic.....	1600-3000
			P2086600	Coupling, flexible victaulic.....	3500-4000
			P2088300	Plug, MGH.....	2500-4000
			P2080300	Plug, MG, HLW.....	2500-4000
			S2114000	Grommet, rubber.....	all
<b>ELECTRICAL / CONTROL PANEL COMPONENTS</b>					
RE2319900	Sensor, water temperature, duplex.....	all			
RE2320600	Sensor, water temperature (MGH).....	all			
E2339800	Display, touch control.....	all			
20N7080	Control panel assembly, MGH.....	1600-2000			
20N7081	Control panel assembly, MGH with CSD-1....	1600-2000			
20N7082	Control panel assembly, MG, HLW.....	1600-2000			
20N7083	Control panel assembly, MG, HLW with CSD-1....	1600-2000			
30N7080	Control panel assembly, MGH.....	2500-3000			
30N7081	Control panel assembly, MGH with CSD-1....	2500-3000			
30N7082	Control panel assembly, MG, HLW.....	2500-3000			
30N7083	Control panel assembly, MG, HLW with CSD-1....	2500-3000			
40N7080	Control panel assembly, MGH.....	3500-4000			
40N7081	Control panel assembly, MGH with CSD-1....	3500-4000			
40N7082	Control panel assembly, MG, HLW.....	3500-4000			
40N7083	Control panel assembly, MG, HLW with CSD-1....	3500-4000			
RXN7082	Control module, standard.....	1600			
RXN7076	Control module, standard.....	2000			
RXN7080	Control module, standard.....	2500&3500			
RXN7078	Control module, standard.....	3000&4000			
RXN7083	Control module, CSD-1.....	1600			
RXN7077	Control module, CSD-1.....	2000			
RXN7081	Control module, CSD-1.....	2500&3500			
RXN7079	Control module, CSD-1.....	3000&4000			
XN715001	VFD, 120V & 220V.....	2000			
XN715002	VFD, 208V.....	2000			
XN715003	VFD, 480-600V.....	2000			
XN715008	VFD, 208V.....	2500			
XN715009	VFD, 480V.....	2500			
XN715010	VFD, 600V.....	2500			
XN715011	VFD, 208V.....	3500			
XN715012	VFD, 480V.....	3500			
XN715013	VFD, 600V.....	3500			
XN715005	VFD, 208V.....	3000&4000			
XN715006	VFD, 480V.....	3000&4000			
XN715007	VFD, 600V.....	3000&4000			
E2217800	High limit, manual reset.....	all			
RE2217700	High limit, auto reset.....	all			
30N7067	Vari-Prime control (MGH).....	all			
E2359300	Transformer 120V.....	1600-2000			
E2355900	Transformer 220V.....	1600-2000			
E2355500	Transformer 208V.....	2000-4000			
E2352600	Transformer 480V & 600V.....	2000-4000			
RE2370700	Transformer, 120V/24V.....	all			
E2327800	Relay, 24VAC, DPDT.....	all			
E2311100	Relay, 115V DPDT.....	1600-2000			
30N7040	DIN rail assembly.....	all			
40N7064	DIN rail assembly, 120V.....	1600-2000			
40N7065	DIN rail assembly, 220V.....	1600-2000			
40N7063	DIN rail assembly, 208V.....	2000-4000			

# MagnaTherm (cont.)

Part No.	Description	Size	Part No.	Description	Size
<b>JACKET / BASE COMPONENTS</b>			F2039700	Silicone rubber bumper.....	all
16N1000	Base assembly.....	1600	S0064900	Bushing, nylon.....	all
20N1000	Base assembly.....	2000	S2116500	Grommet, 2" pipe.....	all
30N1000	Base assembly.....	2500-3000	30N3007	Extension brace, rear.....	all
40N1000	Base assembly.....	3500-4000	20N3008	Brace, upper side.....	1600-2000
20N3002	Panel, left bottom.....	1600-2000	30N3008	Brace, upper side.....	2500-3000
30N3002	Panel, left bottom.....	2500-3000	40N3008	Brace, upper side.....	3500-4000
40N3002	Panel, left bottom.....	3500-4000	20N3047	Brace, lower left & right side.....	1600-2000
20N3004	Panel, right bottom.....	1600-2000	30N3011	Brace, lower right side.....	2500-3000
30N3004	Panel, right bottom.....	2500-3000	40N3047	Brace, lower right side.....	3500-4000
40N3004	Panel, right bottom.....	3500-4000	20N3005	Frame mounting bracket.....	1600-2000
R2076203	Door, right.....	1600-2000	30N3012	Frame mounting bracket.....	2500-3000
R2076202	Door, right.....	2500-3000	40N3005	Frame mounting bracket.....	3500-4000
R2076201	Door, right.....	3500-4000	20N3013	Brace.....	1600-2000
R2076102	Door, left, 120v units.....	1600-2000	30N3013	Brace.....	2500-3000
R2076103	Door, left, 240v units.....	1600-2000	40N3013	Brace.....	3500-4000
R2076104	Door, left.....	2500-3000	F0032300	Plug, button, 7/8".....	all
R2076105	Door, left.....	3500-4000	40N3048	Panel, drain access.....	all
30N3034	Plate, rear panel, gas pipe.....	all	40N7050	Control panel sheet metal assembly.....	3500-4000
20N3019	Panel, upper rear.....	1600-2000	30N7050	Control panel sheet metal assembly.....	1600-3000
30N3019	Panel, upper rear.....	2500-3000	30N3028	Cover, box, power input.....	2500-4000
40N3019	Panel, upper rear.....	3500-4000	30N3024	Box, power input.....	2500-4000
20N3020	Panel, center rear.....	1600-2000	30N3023	Box, support, power input.....	2500-4000
30N3020	Panel, center rear.....	2500-3000	40N7061	Panel, AC distribution box, 208-600V.....	2500-4000
40N3020	Panel, center rear.....	3500-4000	20N7313	Cover, box, power input.....	1600-2000
16N3021	Panel, lower rear.....	1600	20N7312	Box, power input.....	1600-2000
20N3021	Panel, lower rear.....	2000	20N7311	Box, support, power input.....	1600-2000
25N3021	Panel, lower rear.....	2500	E2357600	Bushing, reducing, 1" conduit.....	2500-4000
30N3021	Panel, lower rear.....	3000	E2074300	Bushing, 7/8 nylon, open.....	all
40N3021	Panel, lower rear.....	3500-4000	S0064900	Bushing, 7/8 nylon, split.....	all
20N3036	Panel, right.....	1600-2000	<b>NEUTRALIZER COMPONENTS</b>		
30N3036	Panel, right.....	2500-3000	A2123605	Neutralizer media, 2.5 lb.....	all
40N3036	Panel, right.....	3500-4000	A2123606	Neutralizer media, 40 lb.....	all
16N3045	Panel, top.....	1600-2000	Q2016900	Neutralizer media, sold by lb.....	all
30N3045	Panel, top.....	2500-3000	A2123607	Condensate pump replacement.....	all
40N3045	Panel, top.....	3500-4000			
30N3053	Panel, right, rain splatter.....	1600-3000			
30N3054	Panel, left, rain splatter.....	1600-3000			
40N3050	Panel, left & right, rain splatter.....	3500-4000			
20N3001	Stanchion.....	1600-2000			
20N3010	Stanchion.....	1600-2000			
30N3001	Stanchion.....	2500-3000			
40N3001	Stanchion.....	3500-4000			
30N3043	Strut, upper panel support.....	all			
20N3047	Brace, lower left side.....	1600-2000			
30N3049	Brace, lower left side.....	2500-3000			
40N3047	Brace, lower left side.....	3500-4000			
20N3163	Hinge mounting bracket, left.....	1600-2000			
30N3050	Hinge mounting bracket, left.....	2500-3000			
40N3163	Hinge mounting bracket, left.....	3500-4000			
20N3164	Hinge mounting bracket, right.....	1600-2000			
30N3051	Hinge mounting bracket, right.....	2500-3000			
40N3164	Hinge mounting bracket, right.....	3500-4000			
30N3055	Bracket, hinge brace.....	all			
20N3035	Panel, top left.....	1600-2000			
30N3057	Panel, top left.....	2500-3000			
40N3035	Panel, top left.....	3500-4000			
20N3054	Bracket, pressure switch.....	all			
17J3025	Cover, field connections.....	all			
R2074402	Gasket, .75" x .06" x 2 feet.....	all			
E2350900	Outlet box.....	all			
F2035400	Spacer.....	all			



# OmniTherm

## ONH, ONV, OCH & OCV - all MBTU/h

Part No.	Description	Model	Size	Part No.	Description	Model	Size
<b>GAS / AIR COMPONENTS</b>				<b>ELECTRICAL / CONTROL PANEL COMPONENTS</b>			
A2124400	Blower, 120V.....	All.....	1250-1500	R2084600	FARMod, tubes.....	All.....	1750-3000
A2134500	Blower, 120V.....	All.....	1750-2000	R2084700	FARMod, filter.....	All.....	All
A2134400	Blower, 208-240V, single phase.....	All.....	1500	F2057300	Screw, 8-32X.375".....	All.....	1750-2500
A2132700	Blower, 208-600V, single or 3 ph.....	All.....	1750-2500	<b>ELECTRICAL / CONTROL PANEL COMPONENTS</b>			
A2133900	Blower, 208V, three phase.....	OC.....	3000	R2082700	Control board, with standoffs.....	All.....	All
A2133901	Blower, 480-600V, three phase.....	OC.....	3000	R2082800	Display, with nuts.....	All.....	All
150S5010	O-ring, blower outlet.....	All.....	1250-1500	R2082600	Display for valve, with screws.....	All.....	All
400S6904	Gasket, blower outlet flange.....	All.....	1750-3000	R2084800	FARMod.....	All.....	All
300S5039	O-ring, blower.....	All.....	All	R2084500	FARMod, tubes.....	All.....	1250-1500
150S2610	Filter assembly (includes filter).....	All.....	1250-1500	R2086900	Spark generator assembly.....	All.....	All
250S2500	Filter assembly (includes filter).....	All.....	1750-2500	E2387600	Low water cutoff, 24V.....	All.....	All
300S2500	Filter assembly (includes filter).....	OC.....	3000	150S7019	Transformer, 120-24V.....	All.....	All
A2121700	Filter.....	All.....	All	E2385300	Transformer, 208V, 1ph & 3 ph.....	All.....	All
L2018804	Burner.....	All.....	1250-1500	E2384000	Transformer, 220-240V, 1ph.....	All.....	1250-2500
L2021803	Burner.....	All.....	1750	E2382900	Transformer, 480-600V, 3ph.....	All.....	2500
L2021801	Burner.....	All.....	2000-2500	E2383000	Transformer, 480-600V, 3ph.....	All.....	2500-3000
L2021802	Burner.....	OC.....	3000	E2371200	Sensor, outlet temperature.....	All.....	All
S2131100	Gasket, burner.....	All.....	1250-1500	E2387700	Sensor, flue temperature.....	All.....	All
S2132900	Gasket, burner flange.....	All.....	1250-1500	R2083200	Switch, power.....	All.....	All
300S2020	Gasket, burner flange.....	All.....	1750-3000	E2392600	Fan, control panel.....	All.....	All
300S2019	Gasket, burner adapter flange.....	All.....	1750-3000	E2376300	Fan, AC dist box, 208-240V 1ph.....	All.....	1750-3000
RV2028100	Gas valve with O-rings.....	All.....	1250-1500	E2376300	Fan, AC dist box, 208-600V 3ph.....	All.....	2500
RV2026300	Gas valve with O-rings.....	All.....	1750-2500	E2376500	Cord set, fan, 208-600V 1&3ph.....	All.....	1750-3000
RV2028600	Gas valve with O-rings.....	OC.....	3000	E2385500	Relay.....	All.....	All
R2085100	O-ring, gas valve.....	All.....	1250-1500	E2367900	Relay, power.....	All.....	1250-2500
R2085200	O-ring, gas valve.....	All.....	1750-3000	40N2008	Condensate switch.....	All.....	All
R2083000	Ign/flame sensor			E2382800	Circuit breaker, 1-1.5A 600V 3ph.....	ON.....	2500
	with gaskets & hardware.....	All.....	1250-1500	E2382700	Circuit breaker, 1.6A, 480V 3ph.....	All.....	2500-3000
R2083100	Ign/flame sensor			E2355100	Circuit breaker, 3A, 1ph.....	All.....	1250-2500
	with gaskets & hardware.....	All.....	1750-3000	E2355100	Circuit breaker, 3A, 208V 3ph.....	All.....	2500-3000
S2131900	Gasket, ignitor.....	All.....	1250-1500	E2378600	Circuit breaker, 7A.....	All.....	All
150S5048	Backer plate, gasket, ignitor.....	All.....	1250-1500	E2383400	Circuit breaker, 12A, 3ph.....	All.....	2500
R2004000	Pressure switch, high gas.....	All.....	All	E2383500	Circuit breaker, 10A, 3ph.....	OC.....	3000
R2004100	Pressure switch, low gas.....	All.....	All	300S731702	DIN rail assembly, 208-240V 1ph.....	All.....	1250-2500
R2084301	Mixer assembly, front.....	All.....	1250-1500	300S731703	DIN rail assembly, 208V 3ph.....	All.....	2500
R2084302	Mixer assembly, front.....	All.....	1750-3000	300S731704	DIN rail assembly, 480V 3ph.....	All.....	2500
R2084400	Mixer assembly, rear.....	All.....	All	300S731705	DIN rail assembly, 600V 3ph.....	All.....	2500
R2084101	Orifice, air insert, with gaskets.....	All.....	1250	300S731706	DIN rail assembly, 208V 3ph.....	OC.....	3000
R2084102	Orifice, air insert, with gaskets.....	ON.....	1500	300S731707	DIN rail assembly, 480V 3ph.....	OC.....	3000
R2084103	Orifice, air insert, with gaskets.....	OC.....	1500	300S731708	DIN rail assembly, 600V 3ph.....	OC.....	3000
R2084104	Orifice, air insert, with gaskets.....	All.....	1750	E2400200	Fuse holder, modular.....	OC.....	2500-3000
R2084105	Orifice, air insert, with gaskets.....	All.....	2000	E2400100	Fuse, current limiting, 600V.....	OC.....	2500-3000
R2084106	Orifice, air insert, with gaskets.....	ON.....	2500	E2353000	Contact, 3 phase.....	OC.....	3000
R2084107	Orifice, air insert, with gaskets.....	OC.....	2500	150S7401	Wire harness, 120V 1ph.....	All.....	1250-1500
R2084108	Orifice, air insert, with gaskets.....	OC.....	3000	150S7402	Wire harness, 208-240V 1ph.....	All.....	1500
R2084001	Orifice, gas insert, with gaskets.....	All.....	1250	250S7401	Wire harness, 120V 1ph.....	All.....	1750-2500
R2084002	Orifice, gas insert, with gaskets.....	ON.....	1500	250S7402	Wire harness, 208-240V 1ph.....	All.....	1750-2500
R2084003	Orifice, gas insert, with gaskets.....	OC.....	1500	250S7403	Wire harness, 208V 3ph.....	All.....	2500
R2084004	Orifice, gas insert, with gaskets.....	ON.....	1750	250S7404	Wire harness, 480V 3ph.....	All.....	2500
R2084005	Orifice, gas insert, with gaskets.....	OC.....	1750	250S7405	Wire harness, 600V 3ph.....	All.....	2500
R2084006	Orifice, gas insert, with gaskets.....	ON.....	2000	300S7401	Wire harness, 208V 3ph.....	OC.....	3000
R2084007	Orifice, gas insert, with gaskets.....	OC.....	2000	300S7402	Wire harness, 480V 3ph.....	OC.....	3000
R2084008	Orifice, gas insert, with gaskets.....	ON.....	2500	300S7403	Wire harness, 600V 3ph.....	OC.....	3000
R2084009	Orifice, gas insert, with gaskets.....	OC.....	2500	<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>			
R2084010	Orifice, gas insert, with gaskets.....	OC.....	3000	125S2141	Heat exchanger.....	All.....	1250
S2132800	Gasket, gas mixer.....	All.....	All	150S2141	Heat exchanger.....	All.....	1500
R2084200	Air straightener.....	All.....	All	175S2050	Heat exchanger.....	All.....	1750
P2112100	Fitting, adapter, 8mm tube - 1/8"NPT....	All.....	All	250S2050	Heat exchanger.....	All.....	2000-2500
F2057200	Screw, 10-30x1/2".....	All.....	1250-1500				



# OmniTherm (cont.)

Part No.	Description	Size	Part No.	Description	Size
300S2050	Heat exchanger.....	OC..... 3000	<b>JACKET / BASE COMPONENTS</b>		
R2082900	Shroud assembly.....	ON..... 1250-1500	150S3024	Door assembly.....	All..... 1250-1500
R2083700	Shroud assembly.....	ON..... 1750	175S3104	Door assembly.....	All..... 1750
R2083800	Shroud assembly.....	ON..... 2000-2500	300S3104	Door assembly, lower.....	All..... 2000-3000
R2082901	Shroud assembly.....	OC..... 1250-1500	250S3023	Door assembly, upper.....	All..... 2000-2500
R2083701	Shroud assembly.....	OC..... 1750	300S3118	Door assembly, upper.....	OC..... 3000
R2083802	Shroud assembly.....	OC..... 2000-2500	150S3013	Panel, access.....	All..... 1250-1500
R2083900	Shroud assembly.....	OC..... 3000	300S3013	Panel, access.....	All..... 1750-3000
150S2609	Baffle.....	OC..... 1250-1500	175S3102	Panel, display.....	All..... 1750
175S2609	Baffle.....	OC..... 1750	300S3102	Panel, display.....	All..... 2000-3000
250S2609	Baffle.....	OC..... 2000-2500	R2083400	Panel, display.....	All..... 1250-1500
300S2609	Baffle.....	OC..... 3000	150S302600	Panel, flue access.....	ON..... 1250-1500
150S2164	Clamp assembly.....	OC..... 1250-1500	150S302601	Panel, flue access.....	OC..... 1250-1500
250S2102	Clamp assembly.....	OC..... 1750-3000	150S3007	Panel, jacket, left.....	All..... 1250-1500
S2131304	Tadpole gasket.....	OC..... 1250-1500	175S3018	Panel, jacket, left, lower.....	All..... 1750
S2131305	Tadpole gasket.....	OC..... 1750-3000	300S3018	Panel, jacket, left, lower.....	All..... 2000-3000
150S218200	Insulation blanket.....	ON..... 1250-1500	175S3016	Panel, jacket, left, upper.....	All..... 1750
175S217900	Insulation blanket.....	ON..... 1750	250S3021	Panel, jacket, left, upper.....	All..... 2000-2500
250S222900	Insulation blanket.....	ON..... 2000-2500	300S3016	Panel, jacket, left, upper.....	OC..... 3000
150S218201	Insulation blanket.....	OC..... 1250-1500	150S3005	Panel, jacket, rear.....	All..... 1250-1500
175S217901	Insulation blanket.....	OC..... 1750	175S3001	Panel, jacket, rear.....	All..... 1750
250S222901	Insulation blanket.....	OC..... 2000-2500	250S3001	Panel, jacket, rear.....	All..... 2000-2500
300S220801	Insulation blanket.....	OC..... 3000	300S3001	Panel, jacket, rear.....	OC..... 3000
R2085600	RFC tile assembly, top.....	All..... 1250-1500	150S3006	Panel, jacket, right.....	All..... 1250-1500
R2085700	RFC tile assembly, bottom.....	All..... 1250-1500	175S3002	Panel, jacket, right, lower.....	All..... 1750
R2085800	RFC tile assembly, top.....	All..... 1750-3000	300S3002	Panel, jacket, right, lower.....	All..... 2000-3000
R2085900	RFC tile assembly, bottom.....	All..... 1750-3000	175S3004	Panel, jacket, right, upper.....	All..... 1750
RE0013000	Flow switch.....	All..... All	250S3004	Panel, jacket, right, upper.....	All..... 2000-2500
150S4030	Flow switch with paddle.....	All..... 1250-1500	300S3004	Panel, jacket, right, upper.....	OC..... 3000
250S4030	Flow switch with paddle.....	All..... 1750-3000	150S3008	Panel, jacket, top.....	All..... 1250-1500
E2366100	Flow switch paddle, 3".....	All..... 1250-1500	300S3005	Panel, jacket, top.....	All..... 1750-2500
E2372500	Flow switch paddle, 3-3/4".....	All..... 1750-3000	175S302400	Panel, access, flue, top.....	ON..... 1750
A2124000	PRV, 30PSI.....	All..... All	175S302401	Panel, access, flue, top.....	OC..... 1750
A2124010	PRV, 50PSI.....	All..... 1250-1500	250S302400	Panel, access, flue, top.....	ON..... 2000-2500
A2124005	PRV, 50PSI.....	All..... 1750-3000	250S302401	Panel, access, flue, top.....	OC..... 2000-2500
A2124004	PRV, 60PSI.....	All..... All	300S3019	Panel, access, flue, top.....	OC..... 3000
A2124012	PRV, 75PSI.....	All..... 1250-1500	175S302500	Panel, access, flue, bottom.....	ON..... 1750
A2124009	PRV, 75PSI.....	All..... 1750-3000	175S302501	Panel, access, flue, bottom.....	OC..... 1750
A2124013	PRV, 125PSI.....	All..... All	250S302500	Panel, access, flue, bottom.....	ON..... 2000-2500
A2124014	PRV, 150PSI.....	All..... All	250S302501	Panel, access, flue, bottom.....	OC..... 2000-2500
R0060600	Gauge, temp & pressure, 30-60psi.....	All..... All	300S3020	Panel, access, flue, bottom.....	OC..... 3000
RA0079000	Gauge, temp & pressure, 75-150psi.....	All..... All			
RE2058300	Well, immersion.....	All..... All			
R10-143	Drain valve, shut off, 3/4" NPT.....	All..... All			
P2101300	Coupling, water connections.....	All..... 1250-1500			
P2109800	Coupling, water connections.....	All..... 1750-3000			
P2070700	Nipple, 3/4" x close, stainless.....	All V..... All OCV			
P0014100	Nipple, 3/4" x close, black.....	All H..... All OCH			
P2084800	Plug, 1/2", stainless.....	All V..... All OCV			
P2016000	Plug, 1/2", black.....	All H..... All OCH			
P2104000	Plug, 1/4", stainless.....	All V..... All OCV			
P2014200	Plug, 1/4", black.....	All H..... All OCH			
P2103300	Plug, 2" stainless.....	All..... 1750-3000			
P2109300	Plug, 2" black.....	All..... 1750-3000			
P2072200	Bushing, 1-1/4" x 3/4" stainless.....	All..... 1250-1500			
P2069000	Bushing, 1-1/4" x 3/4" black.....	All..... 1250-1500			
P2081500	Nipple, 1" x close, stainless.....	All..... 1250-1500			
P2069202	Nipple, 1-1/4"x1-5/8 close, stainless.....	All..... 1250-1500			

# Laars Electric Boiler

## Model EB

Part No.	Description	Part No.	Description
LEBNTB5669	Main control board	LWFS25F	Temperature sensor, outdoor
LEBND5670	Display interface with keypad	L5529	Contact, 60A, 3-pole square D
LEBNSQ5639	Element sequencer control board (specify boiler size when ordering)	L5681	Circuit breaker, 15A, 1 pole, 120V square D
LEBNB5515	Heating element, 15kW 208V with gasket	L5683	Circuit breaker, 30A, 480V
LEB5517	Heating element, 15kW 240V with gasket	L5685	Circuit breaker, 50A, 480V
LEB5516	Heating element, 12kW 480V with gasket	LUFUSE0443	Fuse, 32V, 2A
LEB5518	Heating element, 20kW 480V with gasket	LUFUSE0440	Fuse, 250V, 2A glass fast acting
LEB5518-23	Heating element, 23kW 480V with gasket	L5541	Transformer 24VAC, 40VA
L5575	Element gasket	LUSW1145	Door safety switch power panel
LXPLG5580	Element hole plug	LULAMP2289	Indicator light, green, 125VAC
L5539G	High limit, auto reset 210°F	L5086	Terminal block, 6 position, 30A
L5531	High limit, manual reset 220°F	LVLUG3660	Terminal block, 3-pole, 380A main power
L5734-120KIT	LWCO control module	LVLUG2340	Ground lug 250M-6 GA
L5735	LWCO probe	LVLUG5000	Ground lug 2-14 GA
LUSW9156	LWCO pushbutton switch	L5457	Temperature/pressure gauge
LWFSB	Temperature sensor, supply water	L5465	Air vent
LWFSNR	Temperature sensor, return water	L5452	Pressure relief valve, 30psi
		L5454	Pressure relief valve, 125psi

# Laars Plate

## Model LP

Part No.	Description	Part No.	Description
L-3-20-0013	Heat Exchanger 18 Plates	LMHRD-01B-0008	Flanged lock nut 5/8"-11
L-3-20-0014	Heat Exchanger 26 Plates	LMHRD-03-0007	U-bolt 2"X3/8-16
L-3-20-0015	Heat Exchanger 36 Plates	LMHRD-03-0012	Hex bolt 5/8"-11-1.5"
L-3-20-0028	Heat Exchanger 52 Plates	LMHRD-03-0013	Hex bolt 1/4"-20X0.75"
L-3-20-0029	Heat Exchanger 80 Plates	LMHRD-03-0014	Hex bolt 3/8"-16X1.25"
L64001-1	Control panel	LMHRD-03-0015	Bolt 5/8"-11X1.25"
L10024	Base skid	LMHRD-03-0016	U-bolt 1-1/2"X3/8-16
L10025	Platform, heat exchanger	LMHRD-03-0017	U-bolt 2.5"X3/8-16
L10027	A-frame	LMHRD-05-0001	Flat washer 1/4"
L10035	L-bracket	LMHRD-05-0002	Flat washer
L40003	Mounting bracket, control panel	LMHRD-05-0004	Flat washer 5/8"
L10028-1	Pipe support, left	LMHRD-05-0008	Flat washer narrow 5/8"
L10028-2	Pipe support, right	LMHRD-15-0050	Stud 5/8"-11-3"
LMHRD-01A-0003	Hex nut 5/8"-11	LMHRD-19-0002	Leveling foot
LMHRD-01B-0006	Flanged lock nut 1/4"-20	L-A-MXV-0001	3-Way control valve, 1½"
LMHRD-01B-0007	Flanged lock nut 3/8"-16	L-A-MXV-0004	3-Way control valve, 2"

# Rheos / Rheos+

## Models RHCH, RHCV, RHHH & RHHV

Part No.	Description	Rheos Sizes	Rheos+ Sizes	Part No.	Description	Rheos Sizes	Rheos+ Sizes
<b>GAS / AIR COMPONENTS</b>				<b>COMBUSTION CHAMBER COMPONENTS</b>			
R2012100	Blower.....	1200.....	1200	20B6220	Gas orifice kit, nat.....	1200.....	1200
R2004900	Blower.....	1600.....	1600	16B6200	Gas orifice kit, nat.....	1600.....	1600
R2004900	Blower.....	2000.....	2000	20B6200	Gas orifice kit, nat.....	2000.....	2000
R2004900	Blower.....	2400.....	2400	R2003800	Gas orifice kit, nat.....	2400.....	2400
R2012200	Blower gasket / hardware kit.....	1200.....	1200	12B6220	Gas orifice kit, LP.....	1200.....	1200
R2005000	Blower gasket / hardware kit.....	1600.....	1600	16B6220	Gas orifice kit, LP.....	1600.....	1600
R2005000	Blower gasket / hardware kit.....	2000.....	2000	20B6220	Gas orifice kit, LP.....	2000.....	2000
R2005000	Blower gasket / hardware kit.....	2400.....	2400	R2010500	Gas orifice kit, LP.....	2400.....	2400
12B6100	Air transition (filter box to blower).....	1200.....	1200	R2010100	Heater, gas valve.....	all	
R2005200	Air transition (filter box to blower).....	1600.....	1600	<b>COMBUSTION CHAMBER COMPONENTS</b>			
R2005200	Air transition (filter box to blower).....	2000.....	2000	Combustion chamber "core" assemblies, complete with burner, heat exchanger, tile, flue, 2 x 2 rails and steel side panels. Replaces entire "core" of boiler.			
R2005200	Air transition (filter box to blower).....	2400.....	2400	R2001000	Combustion chamber, copper.....	2400	
R2004400	Filter box with gasket & hardware.....	all.....	all	R2010800	Combustion chamber, copper.....	1200	
R2004500	Air filter.....	all.....	all	R2016300	Combustion chamber, copper.....	1600	
R2004600	Air filter gasket kit.....	all.....	all	R2016400	Combustion chamber, copper.....	2000	
R2004700	Air filter box cover.....	all.....	all	R2001001	Combustion chamber, cupro-nickel.....	2400	
R2004800	Air filter felt gasket.....	all.....	all	R2010801	Combustion chamber, cupro-nickel.....	1200	
12B5108	Air orifice, nat.....	1200.....	1200	R2016301	Combustion chamber, cupro-nickel.....	1600	
16B5108	Air orifice, nat.....	1600.....	1600	R2016401	Combustion chamber, cupro-nickel.....	2000	
20B5108	Air orifice, nat, LP.....	2000.....	2000	R2003000	Combustion chamber gasket kit.....	all	
R2005100	Air orifice, nat.....	2400.....	2400	R2026900	Combustion chamber gasket kit.....	all	all
12B5128	Air orifice, LP.....	1200.....	1200	12A2000	Combustion chamber assy.....	1200	
16B5128	Air orifice, LP.....	1600.....	1600	16A2000	Combustion chamber assy.....	1600	
R2010700	Air orifice, LP.....	2400.....	2400	20A2000	Combustion chamber assy.....	2000	
R2013200	Burner with gasket.....	1200.....	1200	24A2000	Combustion chamber assy.....	2400	
R2016500	Burner with gasket.....	1600.....	1600	R2002200	Kit, hardware, combustion chamber.....	all.....	all
R2016600	Burner with gasket.....	2000.....	2000	R2010900	HX support, 10g steel w/rods.....	1200.....	1200
R2002300	Burner with gasket.....	2400.....	2400	R2016700	HX support, 10g steel w/rods.....	1600.....	1600
R2002400	Burner gasket kit.....	all.....	all	R2016800	HX support, 10g steel w/rods.....	2000.....	2000
RW2002300	Hot surface ignitor & gasket.....	all.....	all	R2002600	HX support, 10g steel w/rods.....	2400.....	2400
12B6000	Gas train, standard nat.....	1200.....	1200	R2002700	HX support cover, stainless.....	all.....	all
16B6000	Gas train, standard nat.....	1600.....	1600	R2011000	Flue transition.....	1200	
20B6000	Gas train, standard nat.....	2000.....	2000	R2011000	Flue transition.....	1600	
24B6000	Gas train, standard nat.....	2400.....	2400	R2017000	Flue transition.....	2000	
12B6020	Gas train, standard LP.....	1200.....	1200	R2002800	Flue transition.....	2400	
16B6020	Gas train, standard LP.....	1600.....	1600	R2011001	Flue transition.....	1200	
20B6020	Gas train, standard LP.....	2000.....	2000	R2011001	Flue transition.....	1600	
24B6020	Gas train, standard LP.....	2400.....	2400	R2017001	Flue transition.....	2000	
R2011400	Gas valve body.....	1200.....	1200	R2002801	Flue transition.....	2400	
R2011400	Gas valve body.....	1600.....	1600	R2002500	Tile kit.....	all.....	all
R2003500	Gas valve body.....	2000.....	2000	R2001300	Top panel, comb chamber w/insul.....	all.....	all
R2003500	Gas valve body.....	2400.....	2400	R2005300	Sight glass & lens.....	all.....	all
R2003400	Gas valve actuator.....	all.....	all	R2004200	Silicone tubing/tees/elbows repair kit.....	all.....	all
R2011500	Gas valve actuator & body.....	1200.....	1200	R2004300	Tubing, silicone.....	all.....	all
R2011500	Gas valve actuator & body.....	1600.....	1600	<b>ELECTRICAL / CONTROL COMPONENTS</b>			
R2003600	Gas valve actuator & body.....	2000N.....	2000N	R2005800	Temp controller.....	all.....	all
R2011500	Gas valve actuator & body.....	2000P.....	2000P	R2006600	Sensor, boiler temp.....	all.....	all
R2003600	Gas valve actuator & body.....	2400.....	2400	R2005900	Module, proportional temp.....	all.....	all
R2011300	Gas valve, safety.....	1200.....	1200	R2015700	Ignition control std, 1-try, CSD-1.....	all.....	all
R2003300	Gas valve, safety.....	1600.....	1600	R2005700	Ignition control 3-try, opt, non-CSD-1.....	all.....	all
R2003300	Gas valve, safety.....	2000.....	2000	RE0015900	High limit, man. reset.....	all.....	all
R2003300	Gas valve, safety.....	2400.....	2400	R2080401	Mixing control replacement, code A&F.....	16-2400	
RV2003000	Gas valve, manual, 1".....	1200.....	1200	R2080402	Mixing control replacement, code A&F.....	1200	
R2003700	Gas valve, manual, 1½".....	1600.....	1600	R2080403	Mixing control replacement, code B.....	16-2400	
R2003700	Gas valve, manual, 1½".....	2000.....	2000	R2080404	Mixing control replacement, code B.....	1200	
R2003700	Gas valve, manual, 1½".....	2400.....	2400				
R2004000	High gas pressure switch.....	all.....	all				
R2004100	Low gas pressure switch.....	all.....	all				

# Rheos / Rheos+ (cont.)

Part No.	Description	Rheos	Rheos+	Part No.	Description	Rheos	Rheos+
		Sizes	Sizes			Sizes	Sizes
E2314300	Sensor, mixing control.....		all	S2014300	Heat exchanger, condensing, sstl.....		2400
E2318000	Wire harness, mix sys temp control .....		all	S2014400	Heat exchanger, condensing, sstl.....		1200
R2012700	PWM board.....	1200.....	1200	S2014400	Heat exchanger, condensing, sstl.....		1600
E2312300	Pressure switch, air SPDT, NO.....		all	R2008300	Heat exchanger cover hardware kit.....	all.....	all
E2312400	Pressure switch, air SPDT, NC.....		all	R2008000	Water barrier assy.....	2400.....	2400
R2022400	Pressure switch, air.....		all	R2012800	Header cover, non-pump mounted.....	1200	
RE2077700	EM2 pump delay relay.....		all	R2022700	Header cover, non-pump mounted.....	1600	
R2006000	Timer, delay on make.....	all.....	all	R2022800	Header cover, non-pump mounted.....	2000	
R2006100	Relay, DPDT, 24 coil.....	all.....	all	R2007900	Header cover, non-pump mounted.....	2400	
E2311100	Relay, DPST, 120V coil.....		all	12A4200	Header cover, pump mounted.....	1200.....	1200
R2006200	Relay, DPDT, 120V coil.....	all.....	all	16A4200	Header cover, pump mounted.....	1600.....	1600
R2006300	Voltage regulator (before July 2005).....	1200.....	1200	20A4200	Header cover, pump mounted.....	2000.....	2000
R2006300	Voltage reg (before s/n A07193433).....	1600.....	1600	24A4200	Header cover, pump mounted.....	2400.....	2400
R2006300	Voltage reg (before s/n A07193433).....	2000.....	2000	R2012900	Water barrier assy.....	1200.....	1200
R2006300	Voltage reg (before s/n A07193433).....	2400.....	2400	R2023300	Water barrier assy.....	1600.....	1600
E2325000	Voltage reg (s/n A07193433 & after).....	1600.....	1600	R2023400	Water barrier assy.....	2000.....	2000
E2325000	Voltage reg (s/n A07193433 & after).....	2000.....	2000	R2008400	Flow switch (indoor).....	all.....	all
E2325000	Voltage reg (s/n A07193433 & after).....	2400.....	2400	RE2075100	Low water cutoff.....	all.....	all
R0021300	Transformer, 40VA, 115/24V.....	all.....	all	RE2058300	Immersion well, nickel plated.....	all.....	all
2400-562	Transformer, 80VA, 115/24V.....		all	RE2074000	Immersion well (Johnson Controls).....	all.....	all
R2005500	Transformer, 24/115V.....	all.....	all	A0063600	Pressure relief valve 75#, 3/4x1".....	1200.....	1200
R2005400	Transformer, 115/230V.....	1600.....	1600	A0063600	Pressure relief valve 75#, 3/4x1".....	1600.....	1600
R2005400	Transformer, 115/230V.....	2000.....	2000	A0002700	Pressure relief valve 75#, 1x1¼".....	2000.....	2000
R2005400	Transformer, 115/230V.....	2400.....	2400	A0002700	Pressure relief valve 75#, 1x1¼".....	2400.....	2400
E2305900	Transformer, 230/115V.....		all	RA0001200	Pressure relief valve 125#, 3/4".....	1200.....	1200
E0071300	Light, indicator, amber, 110V.....	all.....	all	A0063500	Pressure relief valve 125#, 3/4".....	1600.....	1600
E2034200	Light, indicator, green, 24V.....	all.....	all	A0000400	Pressure relief valve 125#, 1".....	2000.....	2000
E2034300	Light, indicator, amber, 24V.....	all.....	all	A0000400	Pressure relief valve 125#, 1".....	2400.....	2400
E2034400	Light, indicator, red, 24V.....	all.....	all	RA0079000	Gauge, temp & pressure.....	all.....	all
R2005600	Diagnostic light (set).....	all.....	all	RA2110000	Valve actuator.....		all
R2006400	Terminal block, 2-position.....	all.....	all	2400-430	Air vent, manual (coin vent).....		all
R2006500	Terminal block, 4-position.....	all.....	all	A2110300	Pump, 1hp, normal water.....	1200	
R2007700	On/off switch.....	all.....	all	A2110400	Pump, 1½ hp, hard water.....	1200	
RE2043600	Fuse, 2-A, 5-pack kit.....	all.....	all	A2108700	Pump, 1½ hp, normal water.....	1600	
R2006700	Cover, top, control panel.....	all.....	all	A2108700	Pump, 1½ hp, normal water.....	2400	
R2006800	Enclosure, control panel.....	all.....	all	R2013400	Pump, 3hp, hard water.....	1600	
R2006900	Divider, voltage.....	all.....	all	R2013400	Pump, 3hp, hard water.....	2400	
R2007000	Cover, bottom, control panel.....	all.....	all	A2110500	Pump, 1hp, normal water.....	2000	
R2007100	Support, enclosure, control panel.....	all.....	all	A2110600	Pump, 3hp, hard water.....	2000	
R2007300	Mounting panel for diagn. lights.....	all.....	all	A2109800	Pump, Grundfos before Aug 2007.....		all
R2007400	Bracket, mounting, diagn. lights.....	all.....	all	A2109800	Pump, Grundfos before May 2005.....		2400
R2007500	Standoff, component.....	all.....	all	A2111500	Pump, 1hp normal, Aug 2007 & after.....	1200	
R2007600	Control panel hardware kit.....	all.....	all	A2136100	Pump, 2hp normal, Aug 2007 & after.....	1600	
R2007800	Bracket, top support, control panel.....	all.....	all	A2136100	Pump, 2hp normal, Aug 2007 & after.....	2000	
A0014300	Optional bell, 24V.....	all.....	all	A2111200	Pump, 3hp, RHHH after May 2005.....		2400
				A2111200	Pump, 3hp norm RHHV after Aug 2005.....		2400
				A2112100	Pump, ½hp, soft, Aug 2007 & after.....	1200	
				A2111500	Pump, 1hp, soft, Aug 2007 & after.....	1600	
				A2111500	Pump, 1hp, soft, Aug 2007 & after.....	2000	
				A2136100	Pump, 2hp, soft, Aug 2007 & after.....	2400	
				A2136100	Pump, 2hp, hard, Aug 2007 & after.....	1200	
				A2111200	Pump, 3hp, red, hard after Aug 2005.....	1600	
				A2111200	Pump, 3hp, red, hard after Aug 2005.....	2000	
<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>				<b>NEUTRALIZER MEDIA</b>			
R2013300	Heat exchanger, copper.....	1200.....	1200	A2123605	Neutralizer media, 2.5 lb.....		all
R2013301	Heat exchanger, cupro-nickel.....	1200.....	1200	A2123606	Neutralizer media, 40 lb.....		all
R2017100	Heat exchanger, copper.....	1600.....	1600	Q2016900	Neutralizer media, sold by lb.....		all
R2017101	Heat exchanger, cupro-nickel.....	1600.....	1600	A2123607	Condensate pump replacement.....		all
R2017200	Heat exchanger, copper.....	2000.....	2000				
R2017201	Heat exchanger, cupro-nickel.....	2000.....	2000				
R2003100	Heat exchanger, copper.....	2400.....	2400				
R2003101	Heat exchanger, cupro-nickel.....	2400.....	2400				
S2011900	Heat exchanger gasket.....	1200.....	1200				
R2023500	Heat exchanger gasket.....	1600.....	1600				
S2102600	Heat exchanger gasket.....	2000.....	2000				
R2008200	Heat exchanger gasket.....	2400.....	2400				
S2014300	Heat exchanger, condensing, sstl.....		2000				

# Pennant Boiler, Water Heater & Pool Heater

Standard and Low-Temp Sizes 500-2,000 MBTU/h

Part No.	Description	Rev*	Size	Part No.	Description	Rev*	Size
<b>GAS / AIR COMPONENTS</b>							
R2060900	Blower.....	all	500-2000	10C6620	Manifold assy, 4-port, right propane 1000 (1), 1500 (1), 1750 (1), 2000 (2)	all	
R2014700	Air filter.....	all	500-2000	<b>GAS MANIFOLD ASSEMBLIES - REVISION 1</b>			
L2012200	Burner assy, 3 burners.....	all	varies	Models with revision 1 (model character 13) w/ threaded gas valves (contains lower manifold, upper manifold w/ gas valve, and orifices):			
S2012700	Gasket, burner assy, 3 burners.....	all	varies	5C6300	Manifold assy, 3-port, left natural 500(1), 750 (2), 1250 (3), 1500 (1), 1750 (2)	all	
L2012500	Burner assy, 4 burners.....	all	varies	5C6200	Manifold assy, 3-port, right natural 500 (1), 750 (1), 1250(2), 1500 (1), 1750 (1)	all	
S2012500	Gasket, burner assy, 4 burners.....	all	varies	10C6300	Manifold assy, 4-port, left natural 1000 (2), 1500 (2), 1750 (2), 2000 (4)	all	
L2013000	Orifice, natural.....	all	500-2000	10C6200	Manifold assy, 4-port, right natural 1000 (1), 1500 (1), 1750 (1), 2000 (2)	all	
L2012400	Orifice, propane.....	all	500-2000	5C6320	Manifold assy, 3-port, left propane 500(1), 750 (2), 1250 (3), 1500 (1), 1750 (2)	all	
2400-286	Ignitor, hot surface, with gasket.....	all	500-2000	5C6220	Manifold assy, 3-port, right propane 500 (1), 750 (1), 1250(2), 1500 (1), 1750 (1)	all	
V2016000	Valve, gas, threaded (before Mar 05).....	2	500-2000	10C6320	Manifold assy, 4-port, left propane 1000 (2), 1500 (2), 1750 (2), 2000 (4)	all	
RV2017600	Valve, gas, flanged (Mar 05 & after).....	all	500-2000	10C6220	Manifold assy, 4-port, right propane 1000 (1), 1500 (1), 1750 (1), 2000 (2)	all	
V2017500	O-ring, flanged gas valve.....	all	500-2000	<b>COMBUSTION CHAMBER COMPONENTS</b>			
V2003100	Valve, ball.....	all	500-750	5C2003	Chamber, front panel, inside plenum.....	all	500
R2003700	Valve, ball.....	all	1000	7C2003	Chamber, front panel, inside plenum.....	all	750
R2011600	Valve, ball.....	all	1250-2000	10C2003	Chamber, front panel, inside plenum.....	all	1000
RV2000200	Valve, manual shutoff.....	all	500-2000	12C2003	Chamber, front panel, inside plenum.....	all	1250
S2014100	Rubber grommet.....	all	500-2000	15C2003	Chamber, front panel, inside plenum.....	all	1500
L2012800	Manifold, gas, lower, holds 3 orif's, left.....	all	500-750	17C2003	Chamber, front panel, inside plenum.....	all	1750
L2012800	Manifold, gas, lower, holds 3 orif's, left.....	all	1250-1750	20C2003	Chamber, front panel, inside plenum.....	all	2000
L2012900	Manifold, gas, lower, holds 3 orif's, right.....	all	500-750	5C2006	Chamber, rear panel.....	all	500
L2012900	Manifold, gas, lower, holds 3 orif's, right.....	all	1250-1750	7C2006	Chamber, rear panel.....	all	750
L2012600	Manifold, gas, lower, holds 4 orif's, left.....	all	1000	10C2006	Chamber, rear panel.....	all	1000
L2012600	Manifold, gas, lower, holds 4 orif's, left.....	all	1500-2000	12C2006	Chamber, rear panel.....	all	1250
L2012700	Manifold, gas, lower, holds 4 orif's, right.....	all	1000	15C2006	Chamber, rear panel.....	all	1500
L2012700	Manifold, gas, lower, holds 4 orif's, right.....	all	1500-2000	17C2006	Chamber, rear panel.....	all	1750
R2004000	High gas pressure switch.....	all	500-2000	20C2006	Chamber, rear panel.....	all	2000
R2004100	Low gas pressure switch.....	all	500-2000	5C2001	Chamber, top.....	all	500
CA007701	Conversion kit, propane to natural gas.....	all	500	7C2001	Chamber, top.....	all	750
CA007702	Conversion kit, propane to natural gas.....	all	750	10C2001	Chamber, top.....	all	1000
CA007703	Conversion kit, propane to natural gas.....	all	1000	12C2001	Chamber, top.....	all	1250
CA007704	Conversion kit, propane to natural gas.....	all	1250	15C2001	Chamber, top.....	all	1500
CA007705	Conversion kit, propane to natural gas.....	all	1500	17C2001	Chamber, top.....	all	1750
CA007706	Conversion kit, propane to natural gas.....	all	1750	20C2001	Chamber, top.....	all	2000
CA007707	Conversion kit, propane to natural gas.....	all	2000	5C2004	Cover, comb. air chamber.....	all	500
CA007708	Conversion kit, natural gas to propane.....	all	500	7C2004	Cover, comb. air chamber.....	all	750
CA007709	Conversion kit, natural gas to propane.....	all	750	10C2004	Cover, comb. air chamber.....	all	1000
CA007710	Conversion kit, natural gas to propane.....	all	1000	15C2004	Cover, comb. air chamber.....	all	1500
CA007711	Conversion kit, natural gas to propane.....	all	1250	12C2010	Cover, comb. air chamber, left.....	all	1250
CA007712	Conversion kit, natural gas to propane.....	all	1500	17C2010	Cover, comb. air chamber, left.....	all	1750
CA007713	Conversion kit, natural gas to propane.....	all	1750	20C2010	Cover, comb. air chamber, left.....	all	2000
CA007714	Conversion kit, natural gas to propane.....	all	2000	12C2008	Cover, comb. air chamber, right.....	all	1250
<b>GAS MANIFOLD ASSEMBLIES - REVISION 2</b>				17C2008	Cover, comb. air chamber, right.....	all	1750
Models with revision 2 (model character 13) w/ flanged gas valves (contains lower manifold, upper manifold w/ gas valve, and orifices):				20C2008	Cover, comb. air chamber, right.....	all	2000
5C6500	Manifold assy, 3-port, left natural 500(1), 750 (2), 1250 (3), 1500 (1), 1750 (2)	all		5C2007	Exhaust plenum.....	all	500
5C6600	Manifold assy, 3-port, right natural 500 (1), 750 (1), 1250(2), 1500 (1), 1750 (1)	all		10C2007	Exhaust plenum.....	all	750-1000
10C6500	Manifold assy, 4-port, left natural 1000 (2), 1500 (2), 1750 (2), 2000 (4)	all		20C2007	Exhaust plenum.....	all	1250-2000
10C6600	Manifold assy, 4-port, right natural 1000 (1), 1500 (1), 1750 (1), 2000 (2)	all		5C2009	Bracket, front.....	all	500
5C6520	Manifold assy, 3-port, left propane 500(1), 750 (2), 1250 (3), 1500 (1), 1750 (2)	all		7C2009	Bracket, front.....	all	750
5C6620	Manifold assy, 3-port, right propane 500 (1), 750 (1), 1250(2), 1500 (1), 1750 (1)	all					
10C6520	Manifold assy, 4-port, left propane 1000 (2), 1500 (2), 1750 (2), 2000 (4)	all					



# Pennant (cont.)

Part No.	Description	Rev*	Size	Part No.	Description	Rev*	Size
10C2009	Bracket, front.....	all	1000	<b>ELECTRICAL / CONTROL COMPONENTS</b>			
12C2011	Bracket, front, left side.....	all	1250	E2106800	Temp control, 4-stage, standard PNC.....	2	1000-2000
15C2011	Bracket, front, left side.....	all	1500	E2106900	Temp control, 2-stage, standard PNC.....	2	500-750
17C2011	Bracket, front, left side.....	all	1750	R2081101	Temp control repl, low temp PNCH.....	2	500-1000
20C2011	Bracket, front, left side.....	all	2000	R2081102	Temp control repl, low temp PNCH.....	2	1250-1500
12C2009	Bracket, front, right side.....	all	1250	R2081103	Temp control repl, low temp PNCH.....	2	1750-2000
15C2009	Bracket, front, right side.....	all	1500	R2081104	Temp control repl, low temp PNCV.....	2	500-1000
17C2009	Bracket, front, right side.....	all	1750	R2081105	Temp control repl, low temp PNCV.....	2	1250-1500
20C2009	Bracket, front, right side.....	all	2000	R2081106	Temp control repl, low temp PNCV.....	2	1750-2000
R5C2602	Chamber assy, left, bottom.....	all	500-2000	R2080201	Temp control replacement, PNCP.....	2	500-1000
5C2200	Chamber assy, right, bottom.....	all	500-2000	R2080202	Temp control replacement, PNCP.....	2	1250-1500
5C2015	Chamber, front, left.....	all	500-2000	R2080203	Temp control replacement, PNCP.....	2	1750-2000
5C2016	Chamber, front, right.....	all	500-2000	E2314300	Sensor, temp control, low temp PNC.....	2	500-2000
5C2002	Chamber, side, top.....	all	500-2000	R2014800	Sensor, temp control.....	all	500-2000
5C2005	Door, comb air chamber access.....	all	500-2000	5C7113	Sensor, temp w/ connector, std PNC.....	3	500-2000
15C2002	Divider, chamber, front lower.....	all	1250-1500	E2366900	Sensor, outlet temp.....	3	500-2000
15C2005	Divider, chamber, front upper.....	all	1250-1500	RE2310500	Sensor, outdoor air temp, std Pennant.....	3	500-2000
20C2002	Divider, chamber, front.....	all	1750-2000	E2314300	Sensor, temp control, PNCP.....	2	500-2000
R2078101	Tile kit (contains all tile).....	all	500	R2014800	Sensor, temp, PNCP.....	3	500-2000
R2078102	Tile kit (contains all tile).....	all	750	E2366900	Sensor, outlet temp, PNCP.....	3	500-2000
R2078103	Tile kit (contains all tile).....	all	1000	RE2107300	Ignition control, 1-try, CSD-1.....	2	500-2000
R2078104	Tile kit (contains all tile).....	all	1250	RE2313900	Ignition control, 3-try, non-CSD-1.....	2	500-2000
R2078105	Tile kit (contains all tile).....	all	1500	R2079300	Control board w/ bracket & hardware.....	3	500-2000
R2078106	Tile kit (contains all tile).....	all	1750	RE2404900	Display.....	3	500-2000
R2078107	Tile kit (contains all tile).....	all	2000	RE2217700	High limit, auto reset, PNCV/P 200°F max... all	500-2000	
5C2008	Tile clips.....	all	500-2000	E2217800	High limit, manual reset, PNCV 200°F max. all	500-2000	
T2015500	Tile, bottom.....	all	500	RE0014400	High limit, auto reset, PNCH 240°F max..... all	500-2000	
T2017400	Tile, bottom, left.....	all	750-2000	RE0015900	High limit, manual reset, PNCH 240°F max. all	500-2000	
T2015900	Tile, bottom, middle.....	all	1250-2000	E2104800	High limit, auto reset, 135° max, PNCP.....	2	500-2000
T2016500	Tile, bottom, right.....	all	750	RE2343300	Rocker switch.....	all	500-2000
T2017400	Tile, bottom, right.....	all	1000	E2310400	Transformer, 150VA.....	all	500-1000
T2017400	Tile, bottom, right.....	all	1500	E2312800	Transformer, 100VA.....	all	1250-2000
T2017400	Tile, bottom, right.....	all	2000	E0086800	Toggle switch, backwash, PNCP.....	2	500-2000
T2018000	Tile, bottom, right.....	all	1250/1750	E2376600	Toggle switch, backwash, PNCP.....	3	500-2000
T2017300	Tile, front.....	all	500	RE0240900	Pressure switch.....	all	500-2000
T2016800	Tile, front, 21.75" long, 5 holes.....	all	1000-2000	R2027700	Relay, 10A, diagnostic board (uses 3).....	2	500-2000
T2017100	Tile, front, 28.75" long, 5 holes.....	all	1000	E0076600	Relay, DPDT, std Pennant.....	2	1250-2000
T2017100	Tile, front, 28.75" long, 5 holes.....	all	1500	E2367900	Relay, power, DPST, std Pennant.....	3	500-2000
T2017100	Tile, front, 28.75" long, 5 holes.....	all	2000	E0098300	Relay, SPST, pump-mounted units.....	2	500-2000
T2016900	Tile, front, center.....	all	1250-2000	R2006100	Relay module.....	2	500-2000
T2016200	Tile, front, left.....	all	750	R2006100	Relay module, CSD-1.....	2	750-1000
T2016300	Tile, front, right.....	all	750	RE2105500	Diagnostic board.....	2	500-2000
T2015700	Tile, rear.....	all	500	E2105600	Indicator light board panel.....	2	500-2000
T2017200	Tile, rear, center.....	all	1250-2000	E2307400	Terminal board, field wiring, PNCH, PNCV..	2	500-2000
T2016600	Tile, rear, left.....	all	750-2000	E2342600	Terminal block, 12 position, PNCH, PNCV..	3	500-2000
T2017500	Tile, rear, right.....	all	750	E2106200	Circuit breaker, 6A, for non-CSD-1 units.....	all	500-1000
T2016600	Tile, rear, right.....	all	1000-1250	E2106200	Circuit breaker, 6A, for CSD-1 units.....	all	500
T2016600	Tile, rear, right.....	all	2000	E2318800	Circuit breaker, 8A, for non CSD-1 units.....	all	1250-1500
T2018100	Tile, rear, right.....	all	1250/1750	E2318800	Circuit breaker, 8A, for CSD-1 units.....	all	750-1000
T2017900	Tile, front, right.....	all	1250/1750	E2318900	Circuit breaker, 10A, for non-CSD-1 units....	all	1750-2000
T2015600	Tile, right side, with sight hole.....	all	500-2000	E2318900	Circuit breaker, 10A, for CSD-1 units.....	all	1250-2000
T2015601	Tile, left side, without sight hole.....	all	500-2000				
5C2008	Tile clip.....	all	500-2000				
R2014500	Gasket tape, chamber rear, 43 feet.....	all	500-2000				
R2014600	Gasket tape, chamber front, 63 feet.....	all	500-2000				
R2014601	Gasket tape, chamber front/rear, 106 feet... all	500-2000					



# Pennant (cont.)

Part No.	Description	Rev*	Size	Part No.	Description	Rev*	Size
<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>							
<b>HEAT EXCHANGER TUBE ASSEMBLIES</b>							
ASME heat exchanger tube assemblies.							
Individually serialized with data reports on file.							
<b>COPPER TUBES AND GLASS-LINED HEADERS</b>							
R2014901	Tube assembly, copper tubes.....	all	500	RA2117203	Pump, 3/4 hp PNCV soft water, Taco.....	all	1750
R2014902	Tube assembly, copper tubes.....	all	750		PNCV normal water, Taco.....	all	1500-1750
R2014903	Tube assembly, copper tubes.....	all	1000		PNCV hard water, Taco.....	all	500-1750
R2014904	Tube assembly, copper tubes.....	all	1500		PNCH, Taco.....	all	1500-1750
R2014905	Tube assembly, copper tubes.....	all	2000		PNCP, Taco.....	all	1500
R2026701	Tube assembly, copper tubes.....	all	1250	RA2117204	Pump, 1 hp PNCV, PNCH Taco.....	all	2000
R2026702	Tube assembly, copper tubes.....	all	1750		PNCP, Taco.....	all	1750-2000
<b>CUPRO NICKEL TUBES AND GLASS-LINED HEADERS</b>							
R2027801	Tube assembly, cupro-nickel tubes.....	all	500	A2121803	Pump, 1/3 hp PNCV soft water, Xylem.....	all	500-1500
R2027802	Tube assembly, cupro-nickel tubes.....	all	750		PNCV normal water, Xylem...	all	500-750
R2027803	Tube assembly, cupro-nickel tubes.....	all	1000		PNCH & PNCP, Xylem.....	all	500-750
R2027804	Tube assembly, cupro-nickel tubes.....	all	1250	A2121802	Pump, 1/2 hp PNCV normal water, Xylem..	all	1000-1250
R2027805	Tube assembly, cupro-nickel tubes.....	all	1500		PNCH & PNCP Xylem.....	all	1000-1250
R2027806	Tube assembly, cupro-nickel tubes.....	all	1750	A2121801	Pump, 3/4 hp PNCV soft water, Xylem.....	all	1750
R2027807	Tube assembly, cupro-nickel tubes.....	all	2000		PNCV normal water, Xylem...	all	1500-1750
R2027400	Mixing valve/piping kit, low temp & pool.....	all	500-2000		PNCV hard water, Xylem.....	all	500-1750
R2027500	Mixing sys actuator, low temp & pool.....	all	500-2000		PNCH & PNCP, Xylem.....	all	1500-1750
RA0079000	Gauge, temperature & pressure.....	all	500-2000	A2121800	Pump, 1 hp PNCV, PNCH Xylem.....	all	2000
A0063300	Relief valve, PNCH & PNCP, 75 psi.....	all	500	The following pump parts are for Taco pumps with Laars part numbers			
A0063600	Relief valve, PNCH & PNCP, 75 psi.....	all	750-1500	RA2115101, RA2115102, RA2115103, RA2115104,			
A0002700	Relief valve, PNCH & PNCP, 75 psi.....	all	1750-2000	RA2117201, RA2117202, RA2117203, RA2117204			
RA0001200	Relief valve, PNCV, 125 psi.....	all	500-1500	A2117900	Pump gasket (incl. with pump).....	all	all
A0064400	Relief valve, PNCV, 125 psi.....	all	1750-2000	A2123417	Coupling element.....	all	all
RE2058300	Well, temp control sensor, std length.....	all	500-2000	A2123415	Coupling hub motor 5/8".....	all	all
E2366700	Well, immersion, low temp Pennant.....	3	500-2000	A2123416	Coupling hub motor 1/2".....	all	all
RE0013000	Flow switch.....	all	500-2000	A2118600	Coupling.....	all	all
RE2076500	LWCO (units built 6-12-07 or after).....	all	500-2000	A2123404	Motor/cradle Nidec.....	all	1/3 hp
R0021901	LWCO (units built before 6-12-07).....	all	500-2000	A2123403	Motor/cradle Nidec.....	all	1/2 hp
10391302	Flange, cast iron, standard Pennant.....	all	500-750	A2123402	Motor/cradle Nidec.....	all	3/4 hp
10391303	Flange, cast iron, standard Pennant.....	all	1000-2000	A2123401	Motor/cradle Nidec.....	all	1 hp
S2115602	Flange, bronze, 2 1/2", standard Pennant.....	all	1000-2000	A2123413	Bracket.....	all	all
R20255401	Flange, bronze, 2", standard Pennant.....	all	500-750	A2123411	Cartridge.....	all	all
S2115601	Flange, 2"NPT, low temp & pool.....	all	500-2000	A2123409	Seal kit.....	all	all
S2115501	Tee, machined, 2"NPT. low temp & pool.....	all	500-1500	A2123408	Impeller & hardware.....	all	1/3 hp
S2115506	Tee, machined, 2"NPT. low temp & pool.....	all	1750-2000	A2123407	Impeller & hardware.....	all	1/2 hp
S2115501	Tee, adapter (outlet) brz, standard PNC.....	all	500-750	A2123406	Impeller & hardware.....	all	3/4 hp
S2115502	Tee, adapter (outlet) brz, standard PNC.....	all	1000-2000	A2123405	Impeller & hardware.....	all	1 hp
20130001	Tee, adapter (outlet) iron, standard PNC.....	all	500-750	A2123418	Wet end .....	all	1/3 hp
20130002	Tee, adapter (outlet) iron, standard PNC.....	all	1000-1500	A2123419	Wet end .....	all	1/2 hp
20130009	Tee, adapter (outlet) iron, standard PNC.....	all	1750-2000	A2123420	Wet end .....	all	3/4 hp
R20607600	Pump volute, glass-lined.....	all	500-2000	A2123421	Wet end .....	all	1 hp
R10364504	Cover, in/out, glass-lined cast iron.....	all	500-2000	A2118700	Hub.....	all	1/2,1/3,3/4
10364300	Return cover, glass-lined cast iron.....	all	500-2000	A2118800	Hub.....	all	1 hp
10338300	Water baffle (inlet).....	all	500-2000				
10338400	Baffle, diffuser, pump inlet.....	all	500-2000				
20305101	Water barrier with gasket.....	all	500-2000				
S0024600	Gasket, pump adapter.....	all	500-2000				
S0063700	Gasket, flange.....	all	500-2000				
S0095100	Gasket, header.....	all	500-2000				
RA2117201	Pump, 1/3 hp PNCV soft water, Taco.....	all	500-1500				
	PNCV normal water, Taco.....	all	500-750				
	PNCH & PNCP, Taco.....	all	500-750				
RA2117202	Pump, 1/2 hp PNCV normal water, Taco....	all	1000-1250				
	PNCH & PNCP, Taco.....	all	1000-1250				

# Pennant (cont.)

Part No.	Description	Rev*	Size	Part No.	Description	Rev*	Size
<b>JACKET / BASE COMPONENTS</b>							
5C1020	Base assembly.....	all	500	R2075804	Panel, jacket, front, left only.....	2	1750
7C1020	Base assembly.....	all	750	R2075805	Panel, jacket, front, right only.....	2	1750
10C1020	Base assembly.....	all	1000	R2075806	Panel, jacket, front, left and right.....	2	1750
12C1020	Base assembly.....	all	1250	R2075807	Panel, jacket, front, left only.....	2	2000
15C1020	Base assembly.....	all	1500	R2075808	Panel, jacket, front, right only.....	2	2000
17C1020	Base assembly.....	all	1750	R2075809	Panel, jacket, front, left and right.....	2	2000
20C1020	Base assembly.....	all	2000	R2081301	Panel, jacket, front.....	3	500
5C3020	Jacket assembly, PNCH & PNCV.....	2	500	R2081302	Panel, jacket, front.....	3	750
7C3020	Jacket assembly, PNCH & PNCV.....	2	750	R2081303	Panel, jacket, front.....	3	1000
10C3020	Jacket assembly, PNCH & PNCV.....	2	1000	R2081304	Panel, jacket, front.....	3	1250
12C3020	Jacket assembly, PNCH & PNCV.....	2	1250	R2081305	Panel, jacket, front, left only.....	3	1500
15C3020	Jacket assembly, PNCH & PNCV.....	2	1500	R2081306	Panel, jacket, front, right only.....	3	1500
17C3020	Jacket assembly, PNCH & PNCV.....	2	1750	R2081307	Panel, jacket, front, left and right.....	3	1500
20C3020	Jacket assembly, PNCH & PNCV.....	2	2000	R2081308	Panel, jacket, front, left only.....	3	1750
5C3030	Jacket assembly, PNCP.....	2	500	R2081309	Panel, jacket, front, right only.....	3	1750
7C3030	Jacket assembly, PNCP.....	2	750	R2081310	Panel, jacket, front, left and right.....	3	1750
10C3030	Jacket assembly, PNCP.....	2	1000	R2081311	Panel, jacket, front, left only.....	3	2000
12C3030	Jacket assembly, PNCP.....	2	1250	R2081312	Panel, jacket, front, right only.....	3	2000
15C3030	Jacket assembly, PNCP.....	2	1500	R2081313	Panel, jacket, front, left and right.....	3	2000
17C3030	Jacket assembly, PNCP.....	2	1750	5C3220	Panel, jacket, rear.....	all	500
20C3030	Jacket assembly, PNCP.....	2	2000	7C3220	Panel, jacket, rear.....	all	750
5C3040	Jacket assembly.....	3	500	10C3220	Panel, jacket, rear.....	all	1000
7C3040	Jacket assembly.....	3	750	12C3220	Panel, jacket, rear.....	all	1250
10C3040	Jacket assembly.....	3	1000	15C3220	Panel, jacket, rear.....	all	1500
12C3040	Jacket assembly.....	3	1250	17C3220	Panel, jacket, rear.....	all	1750
15C3040	Jacket assembly.....	3	1500	20C3220	Panel, jacket, rear.....	all	2000
17C3040	Jacket assembly.....	3	1750	5C3106	Collar, vent plate, 8".....	all	500
20C3040	Jacket assembly.....	3	2000	10C3100	Collar, vent plate, 10".....	all	750-1000
5C3420	Panel, jacket, side, left.....	all	500-2000	15C3100	Collar, vent plate, 12".....	all	1250-1500
5C3520	Panel, jacket, side, right, standard PNC.....	2	500-2000	20C3100	Collar, vent plate, 14".....	all	1750-2000
5C3526	Panel, jacket, side, right, LT & pool.....	2	500-2000	5C3004	Cover, solid, vent plate.....	all	500
5C3522	Panel, jacket, side, right, standard PNC.....	3	500-2000	10C3004	Cover, solid, vent plate.....	all	750-1000
5C352201	Panel, jacket, side, right, LT & pool.....	3	500-2000	20C3004	Cover, solid, vent plate.....	all	1250-2000
5C5300	Weldment, blower mount.....	all	500-2000	5C3304	Plate, gas pipe seal.....	all	500-750
5C7200	Control panel weldment.....	2	500-2000	10C3304	Plate, gas pipe seal.....	all	1000
5C7150	Control panel weldment.....	3	500-2000	20C3304	Plate, gas pipe seal.....	all	1250-2000
5C7205	Bracket, base, controls.....	3	500-2000	5C3002	Plate, cover, filter.....	all	500-1000
5C7204	Bracket, terminal strip, controls.....	3	500-2000	15C3002	Plate, cover, filter.....	all	1250-2000
5C7209	Bracket, control mounting.....	3	500-2000	R2027901	Control panel access kit, with gasket.....	2	500-1000
5C7112	Bracket, safety mounting.....	3	500-2000	R2027902	Control panel access kit, with gasket.....	2	1250-2000
5C7103	Bracket, control panel mounting.....	2	500-2000	15C3026	Jacket panel, rear, filter enclosure.....	all	1500-2000
R2061400	Pump cover.....	all	500-2000	5C3502	Plate, cover, wiring.....	2	500-2000
5C3021	Panel, jacket, top.....	all	500	5C3523	Plate, cover, wiring.....	3	500-2000
7C3021	Panel, jacket, top.....	all	750	5C3522	Panel, cover, wiring, rear	3	500-2000
10C3021	Panel, jacket, top.....	all	1000				
12C3021	Panel, jacket top.....	all	1250				
15C3021	Panel, jacket, top, left.....	all	1500				
15C3025	Panel, jacket, top, right.....	all	1500				
17C3021	Panel, jacket, top, left.....	all	1750				
17C3025	Panel, jacket, top, right.....	all	1750				
20C3021	Panel, jacket, top, left.....	all	2000				
20C3025	Panel, jacket, top, right.....	all	2000				
15C2010	Brace, jacket top.....	all	1500-1750				
10C2010	Brace, jacket top.....	all	2000				
R2075810	Panel, jacket, front.....	2	500				
R2075811	Panel, jacket, front.....	2	750				
R2075812	Panel, jacket, front.....	2	1000				
R2075813	Panel, jacket, front.....	2	1250				
R2075801	Panel, jacket, front, left only.....	2	1500				
R2075802	Panel, jacket, front, right only.....	2	1500				
R2075803	Panel, jacket, front, left and right.....	2	1500				

# Pennant and Mighty Therm2 200-400

Sizes 200,000 - 400,000 BTU/h

Part No.	Description	Size	Part No.	Description	Size
<b>GAS / AIR COMPONENTS</b>			<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>		
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	<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>		
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
<b>ELECTRICAL / CONTROL COMPONENTS</b>			R4F4405W	Complete heat exch, cu-nickel, HLW-stamp.....	MT2V 400
**Character 13 of the Mighty Therm 2 model number shows the revision.					
RE2344300	Controller, rev 2**.....	MT2H 200	R2C4000	Complete heat exchanger, copper.....	PNC 200
RE2344301	Controller, rev 2**.....	MT2H 300-400	R3C4000	Complete heat exchanger, copper.....	PNC 300
RE2344301	Controller, rev 2**.....	MT2V	R4C4000	Complete heat exchanger, copper.....	PNC 400
E0253100	Temperature control.....	PNCV	R2C4300	Complete heat exchanger, cu-nickel.....	PNC 200
E0253900	Thermistor probe.....	PNC	R3C4300	Complete heat exchanger, cu-nickel.....	PNC 300
E2348700	Controller harness, rev 2**.....	MT2	R4C4300	Complete heat exchanger, cu-nickel.....	PNC 400
RE0014400	Controller, on-off, rev 1**.....	MT2	2C4103	Casting, return header.....	all
RE0093200	Controller, 2-stage, rev 1**.....	MT2	2F4122	Casting, inlet/outlet.....	all
E2304800	High limit.....	all H	R0050801	Heat exchanger gasket set, 20-piece kit.....	all
E2324200	High limit.....	all V	S0070800	HX gasket (qty 1-use R0050801 for qty 20)....	all
2C7004	Bracket, mounting, hi-limit & pressure sw.....	all	2C4001	Chamber, header, hx.....	all
E2103200	Temp switch, manual reset, 250°F.....	MT2 200	2C4002	Baffle, end.....	all
E0253400	Ignition control.....	all	A0063300	PRV, 75 psi.....	MT2H
E0180500	Transformer.....	all	RA0001200	PRV, 125 psi.....	MT2V
RE2322700	Rocker switch.....	MT2	RA0079000	T & P gauge.....	all
R2015000	Toggle switch.....	MT2	RE0013000	Flow switch, outdoor.....	all
R2007700	Toggle switch.....	all	RE2076500	Low water cutoff (opt.).....	all
E2327800	Relay, DPDT.....	all	E0234201	Immersion well, high limit.....	all
RE2077700	Relay, time delay, pump, rev 1**.....	all	RE2058300	Immersion well, 3/8" bulb.....	MT2
RE0240900	Switch, pressure, SPDT.....	MT2	A0095705	Pump, normal water, Taco.....	all V
R2076600	Switch, pressure, SPDT.....	MT2	RA2112201	Pump w/ flanges, normal water, Taco.....	all V
E2327500	Terminal block, 16-position, rev 1**.....	MT2	A0095605	Pump, soft water, Taco.....	all V
			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	<b>JACKET / BASE COMPONENTS</b>		
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
<b>COMBUSTION CHAMBER COMPONENTS</b>			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			





# Mighty Therm 2 500-2000 (cont.)

Part No.	Description	Size	Part No.	Description	Size
T2016800	Tile, front, 21.75" long, 5 holes.....	1000-2000	E2327700	Terminal block, 6-position.....	500-2000
T2017100	Tile, front, 28.75" long, 5 holes.....	1000	E2328800	Wire harness #1, fenwal.....	500-750
T2017100	Tile, front, 28.75" long, 5 holes.....	1500	E2328400	Wire harness #1, fenwal.....	1000-2000
T2017100	Tile, front, 28.75" long, 5 holes.....	2000	E2328900	Wire harness #2, control panel.....	500-750
T2016900	Tile, front, center.....	1250-2000	E2328500	Wire harness #2, control panel, MT2H, MT2V....	1000-2000
T2016200	Tile, front, left.....	500	E2328500	Wire harness #2, control panel, MT2P.....	1000
T2016300	Tile, front, right.....	750	E2330100	Wire harness #2, control panel, MT2P.....	1250-2000
T2017900	Tile, front, right.....	1250/1750	E2329000	Wire harness #3, main.....	500-750
T2017300	Tile, front.....	500	E2329100	Wire harness #3, main.....	1000
T2015601	Tile, left side, without sight hole.....	500-2000	E2350800	Wire harness #3, main.....	1250-2000
T2017200	Tile, rear, center.....	1250-2000	E2328700	Wire harness #4, local remote SW.....	500-2000
T2016600	Tile, rear, left or right.....	750-2000	E2330502	Wire harness, high limit, MT2P.....	500-1000
T2017500	Tile, rear, left.....	750	E2330503	Wire harness, high limit, MT2P.....	1250-2000
T2018100	Tile, rear, right.....	1250/1750	E2329201	Wire harness, power switch, MT2P.....	500-2000
T2015700	Tile, rear.....	500	E2329201	Wire harness, power switch, MT2P.....	1000
T2015600	Tile, right side, with sight hole.....	500-2000	E2329205	Wire harness, pump relay, MT2P.....	500-2000
5F2014	Insulation, flue.....	500	E2334800	Wire harness, pump switch, MT2P.....	500-2000
7F2014	Insulation, flue.....	750-1000	A0014300	Opt. alarm bell.....	500-2000
12F2013	Insulation, flue, 17".....	1250-2000			
12F2014	Insulation, flue, 18".....	1250-2000			
5F2017	Insulation, top.....	500			
7F2017	Insulation, top.....	750			
10F2017	Insulation, top.....	1000			
12F2017	Insulation, top.....	1250			
15F2017	Insulation, top.....	1500			
17F2017	Insulation, top.....	1750			
20F2017	Insulation, top.....	2000			
5F2018	Insulation, top center.....	500			
7F2018	Insulation, top center.....	750			
12F2018	Insulation, top center.....	1250-2000			
5F2019	Insulation, top rear.....	500			
7F2019	Insulation, top rear.....	750			
R2014600	Gasket tape, chamber front, 63 feet	500-2000			
R2014601	Gasket tape, chamber front/rear, 106 feet	500-2000			
R2014500	Gasket tape, chamber rear, 43 feet	500-2000			
<b>ELECTRICAL / CONTROL COMPONENTS</b>			<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>		
RE0093200	Temperature control, 2-stage, MT2H, MT2V.....	500-2000	<b>HEAT EXCHANGER TUBE ASSEMBLIES</b>		
E2103800	Temperature control, MT2P.....	500-2000	ASME heat exchanger tube assemblies.		
R2006600	Sensor, temperature, MT2P.....	500-2000	Individually serialized with data reports on file.		
RE2107300	Ignition control, 1-try, CSD-1.....	500-2000	<b>COPPER TUBES AND GLASS-LINED HEADERS</b>		
RE2313900	Ignition control, 3-try, non-CSD-1.....	500-2000	R2014901	Tube assembly, copper tubes.....	500
E2217800	High limit, manual reset, MT2V 200°F max.....	500-2000	R2014902	Tube assembly, copper tubes.....	750
RE0015900	High limit, manual reset, MT2H 240°F max.....	500-2000	R2014903	Tube assembly, copper tubes.....	1000
E2104800	High limit, auto, MT2P, 135°F.....	500-2000	R2026701	Tube assembly, copper tubes.....	1250
RE2217700	High limit, auto, MT2P, 200°F.....	500-2000	R2014904	Tube assembly, copper tubes.....	1500
R2007700	Toggle switch, MT2H, MT2V.....	500-2000	R2026702	Tube assembly, copper tubes.....	1750
R2015000	Toggle switch, MT2P.....	500-2000	R2014905	Tube assembly, copper tubes.....	2000
RE2322700	Rocker switch, s/n C10223206 & after, H & V.....	500-2000	<b>CUPRO NICKEL TUBES AND GLASS-LINED HEADERS</b>		
RE2337701	Rocker switch, before s/n C10223206, H & V.....	500-750	R2027801	Tube assembly, cupro-nickel tubes.....	500
RE2337702	Rocker switch, before s/n C10223206, H & V.....	1000	R2027802	Tube assembly, cupro-nickel tubes.....	750
RE2337703	Rocker switch, before s/n C10223206, H & V.....	1250-2000	R2027803	Tube assembly, cupro-nickel tubes.....	1000
RE2343300	Rocker switch, MT2P.....	500-2000	R2027804	Tube assembly, cupro-nickel tubes.....	1250
E2312800	Transformer, 100VA, MT2H, MT2V.....	500-2000	R2027805	Tube assembly, cupro-nickel tubes.....	1500
E2310400	Transformer, 150VA, MT2P.....	500-2000	R2027806	Tube assembly, cupro-nickel tubes.....	1750
RE0240900	Pressure switch.....	500-2000	R2027807	Tube assembly, cupro-nickel tubes.....	2000
E2327800	Relay, DPDT, 24V.....	500-750	5F4901	Mixing system assembly, MT2P.....	500
E2327800	Relay, DPDT, 24V.....	1250-2000	5F4902	Mixing system assembly, MT2P.....	750-1000
RE2077701	Time delay relay.....	500-2000	5F4903	Mixing system assembly, MT2P.....	1250-1500
E2327500	Terminal strip, 16-position.....	500-2000	5F4904	Mixing system assembly, MT2P.....	1750
E2327600	Terminal block, 12-position, MT2H, MT2V.....	500-2000	5F4905	Mixing system assembly, MT2P.....	2000
E2342500	Terminal block, 12-position, MT2P.....	500-2000	A2114601	Valve, 3-way, 2", 2 bypass holes, MT2P.....	500
			A2114602	Valve, 3-way, 2", 3 bypass holes, MT2P.....	750-1000
			A2114603	Valve, 3-way, 2", 4 bypass holes, MT2P.....	1250-1500
			A2114604	Valve, 3-way, 2", 5 bypass holes, MT2P.....	1750
			A2114605	Valve, 3-way, 2", 6 bypass holes, MT2P.....	2000
			P2044000	Tee, 2" copper, MT2P.....	500-2000
			P2024400	Adapter, 2" copper, MT2P.....	500-2000
			P2054500	Pipe, copper, 2" dia x 4.5" long, MT2P.....	500-2000
			P2054400	Fitting adapter, copper, 2", MT2P.....	500-2000
			RA0079000	Gauge, temperature & pressure.....	500-2000
			A0063300	Relief valve, MT2H, MT2P 75 psi.....	500
			A0063600	Relief valve, MT2H, MT2P 75 psi.....	750-1500
			A0002700	Relief valve, MT2H, MT2P 75 psi.....	1750-2000
			RA0001200	Relief valve, MT2V, 125 psi.....	500-1500
			A0064400	Relief valve, MT2V, 125 psi.....	1750-2000
			10338300	Water baffle (inlet).....	500-2000
			10338400	Baffle, diffuser, pump inlet.....	500-2000
			20305101	Water barrier with gasket.....	500-2000



# Mighty Therm 2 500-2000 (cont.)

Part No.	Description	Size	Part No.	Description	Size
10364300	Return cover, glass-lined cast iron.....	500-2000	A2123408	Impeller & hardware.....	1/3 hp
10391302	Flange, cast iron.....	500-750	A2123407	Impeller & hardware.....	1/2 hp
10391303	Flange, cast iron.....	1000-2000	A2123406	Impeller & hardware.....	3/4 hp
S2115602	Flange, bronze, 2½"	1000-2000	A2123405	Impeller & hardware.....	1 hp
R20255401	Flange, bronze, 2", with bolts and gasket	500-750	A2123418	Wet end.....	1/3 hp
S2115601	Flange, 2"NPT, MT2P.....	500-2000	A2123419	Wet end.....	1/2 hp
S2115501	Tee, machined, 2"NPT, MT2P.....	500-1500	A2123420	Wet end.....	3/4 hp
S2115506	Tee, machined, 2"NPT, MT2P.....	1750-2000	A2123421	Wet end.....	1 hp
20130001	Tee, adapter (outlet) cast iron, 2".....	500-750	A2118700	Hub.....	1/2, 1/3, 3/4
20130002	Tee, adapter (outlet) cast iron, 2½".....	1000-1500	A2118800	Hub.....	1 hp
20130009	Tee, adapter (outlet) cast iron, 2½".....	1750-2000			
R20150303	Tee, adapter (outlet) bronze.....	1000-2000			
RE2058300	Well, temp control sensor, standard length.....	500-2000	<b>JACKET / BASE COMPONENTS</b>		
RE0013000	Flow switch.....	500-2000	5F1020	Base assembly.....	500
RE2076500	Low water cutoff (units built 6-12-07 or after).....	500-2000	7F1020	Base assembly.....	750
R0021901	Low water cutoff (units built before 6-12-07).....	500-2000	10F1020	Base assembly.....	1000
R20607600	Pump volute, glass-lined.....	500-2000	12F1020	Base assembly.....	1250
R10364504	Cover, in/out, glass-lined cast iron.....	500-2000	15F1020	Base assembly.....	1500
S0063700	Gasket, flange.....	500-2000	17F1020	Base assembly.....	1750
S0095100	Gasket, header.....	500-2000	20F1020	Base assembly.....	2000
RA2117201	Pump, 1/3 hp MT2V soft water, Taco.....	500-1500	5F3400	Panel, side, top left.....	500-2000
	MT2V normal water, Taco.....	500-750	5F3420	Panel, side, lower left.....	500-2000
	MT2H, MT2P, Taco.....	500-750	5F3500	Panel, side, top right.....	500-2000
RA2117202	Pump, 1/2 hp MT2V normal water, Taco.....	1000-1250	5F3520	Panel, side, lower right.....	500-2000
	MT2H, MT2P, Taco.....	1000-1250	R2061400	Pump cover.....	500-2000
RA2117203	Pump, 3/4 hp MT2V soft water, Taco.....	1750	5F3021	Panel, top.....	500
	MT2V normal water, Taco.....	1500-1750	7F3021	Panel, top.....	750
	MT2V hard water, Taco.....	500-1750	10F3021	Panel, top.....	1000
	MT2H, Taco.....	1500-1750	12F3021	Panel, top.....	1250
	MT2P, Taco.....	1500	15F3021	Panel, top.....	1500
RA2117204	Pump, 1 hp MT2V, Taco.....	2000	17F3021	Panel, top.....	1750
	MT2H, Taco.....	2000	20F3021	Panel, top.....	2000
	MT2P, Taco.....	1750-2000	5F3320	Panel, front.....	500
A2121803	Pump, 1/3 hp MT2V soft water, Xylem.....	500-1500	7F3320	Panel, front.....	750
	MT2V normal water, Xylem.....	500-750	10F3320	Panel, front.....	1000
	MT2H, Xylem.....	500-750	12F3320	Panel, front.....	1250
A2121802	Pump, 1/2 hp MT2V normal water, Xylem.....	1000-1250	15F3320	Panel, front.....	1500
	MT2H, Xylem.....	1000-1250	17F3320	Panel, front.....	1750
A2121801	Pump, 3/4 hp MT2V soft water, Xylem.....	1750	20F3320	Panel, front.....	2000
	MT2V normal water, Xylem.....	1500-1750	5F3220	Panel, rear.....	500
	MT2V hard water, Xylem.....	500-1750	7F3220	Panel, rear.....	750
	MT2H, Xylem.....	1500-1750	10F3220	Panel, rear.....	1000
	MT2P, Xylem.....	1500	12F3220	Panel, rear.....	1250
A2121800	Pump, 1 hp MT2V, Xylem.....	2000	15F3220	Panel, rear.....	1500
	MT2H, Xylem.....	2000	17F3220	Panel, rear.....	1750
	MT2P, Xylem.....	1750-2000	20F3220	Panel, rear.....	2000
			5F3100	Vent plate weldment.....	500
			7F3100	Vent plate weldment.....	750-1000
			12F3100	Vent plate weldment.....	1250-1750
			20F3100	Vent plate weldment.....	2000
			5F3800	Air inlet / filter housing.....	500-750
			10F3800	Air inlet / filter housing.....	1000
			12F3800	Air inlet / filter housing.....	1250-1750
			20F3800	Air inlet / filter housing.....	2000
			5F3701	Filter access panel.....	500-1000
			12F3701	Filter access panel.....	1250-2000
			5F3304	Gas manifold pipe cover.....	500-750
			10F3304	Gas manifold pipe cover.....	1000
			20F3304	Gas manifold pipe cover.....	1250-2000
			10338600	Sight glass cover plate.....	500-2000
The following parts are only for Taco pumps with Laars part numbers					
RA2115101, RA2115102, RA2115103, RA2115104,					
RA2117201, RA2117202, RA2117203, RA2117204					
A2117900	Pump gasket (incl. with pump).....	all			
A2123417	Coupling element.....	all			
A2123415	Coupling hub motor 5/8".....	all			
A2123416	Coupling hub motor 1/2".....	all			
A2118600	Coupling.....	all			
A2123404	Motor/cradle Nidec.....	1/3 hp			
A2123403	Motor/cradle Nidec.....	1/2 hp			
A2123402	Motor/cradle Nidec.....	3/4 hp			
A2123401	Motor/cradle Nidec.....	1 hp			
A2123413	Bracket.....	all			
A2123411	Cartridge.....	all			
A2123409	Seal kit.....	all			

# Mighty Therm Models HH, PH, VW & PW

Sizes 125-400 MBTU/h

Part No.	Description	Size	Part No.	Description	Size
<b>GAS / AIR COMPONENTS</b>					
R0096000	Pilot assy, spark ignition, nat, with burner.....	all	L0052300	Burner, main.....	all
10732000	Pilot assy, spark ignition, LP, with burner.....	all	10535301	Draft hood vent cap adapter plate.....	125
10576101	Pilot assy, standing pilot, nat, with burner.....	all	10535302	Draft hood vent cap adapter plate.....	175
10576102	Pilot assy, standing pilot, LP, with burner.....	all	10535303	Draft hood vent cap adapter plate.....	250
R0061600	Pilot burner, spark, natural.....	all	10535304	Draft hood vent cap adapter plate.....	325
W0039600	Pilot burner, spark, LP.....	all	10535305	Draft hood vent cap adapter plate.....	400
W0036300	Pilot burner, standing pilot, natural.....	all	10719702	Vent damper / drafthood combo HH/PH.....	175
W0036400	Pilot burner, standing pilot, LP.....	all	10719703	Vent damper / drafthood combo HH/PH.....	250
R0360900	Flame sensor.....	all	K0010302	Flue transition ring.....	175
R10418805	Insulator lead assembly, 7".....	all	K0010303	Flue transition ring.....	250
W0036500	Pilot thermocouple.....	all	K0010304	Flue transition ring.....	325
10449513	High tension lead.....	all	K0010305	Flue transition ring.....	400
R0011600	Ceramic insulator / bracket assembly.....	all	R0318602	Vent cap for outdoor use.....	175
W0041100	Pilot bracket shield.....	all	R0318603	Vent cap for outdoor use.....	250
10457500	Main burner with pilot bracket.....	all	R0318604	Vent cap for outdoor use.....	325
10480201	Burner tray, shelf only.....	125	R0318605	Vent cap for outdoor use.....	400
10480202	Burner tray, shelf only.....	175	R0318702	Draft hood PW/VW.....	175
10480203	Burner tray, shelf only.....	250	R0318703	Draft hood PW/VW.....	250
10480204	Burner tray, shelf only.....	325	R0318704	Draft hood PW/VW/PH/HH.....	325
10480205	Burner tray, shelf only.....	400	R0318705	Draft hood PW/VW/PH/HH.....	400
10564000	Anti-rotation bracket.....	all	10535202	Top filler plate.....	175
10577200	Anti-rotation bracket.....	all	10535203	Top filler plate.....	250
10571803	Burner tray, on/off, spark, nat.....	250	10535204	Top filler plate.....	325
10571804	Burner tray, on/off, spark, nat.....	325	10535205	Top filler plate.....	400
10571805	Burner tray, on/off, spark, nat.....	400	10564802	Flue collector assembly.....	175
10737502	Burner tray, on/off, spark, LP.....	175	10564803	Flue collector assembly.....	250
10737503	Burner tray, on/off, spark, LP.....	250	10564804	Flue collector assembly.....	325
10737504	Burner tray, on/off, spark, LP.....	325	10564805	Flue collector assembly.....	400
10737505	Burner tray, on/off, spark, LP.....	400	<b>COMBUSTION CHAMBER COMPONENTS</b>		
10581802	Burner tray, 2-stage, spark, nat.....	175	R0325301	Tile replacement kit.....	125
10581803	Burner tray, 2-stage, spark, nat.....	250	R0325302	Tile replacement kit.....	175
10581804	Burner tray, 2-stage, spark, nat.....	325	R0325303	Tile replacement kit.....	250
10581805	Burner tray, 2-stage, spark, nat.....	400	R0325304	Tile replacement kit.....	325
10737302	Burner tray, 2-stage, spark, LP.....	175	R0325305	Tile replacement kit.....	400
10737303	Burner tray, 2-stage, spark, LP.....	250	10167300	Tile cover, left & right.....	all
10571602	Burner tray, on/off, std pilot, nat.....	175	R10314902	Tile cover, front & rear .....	175
10571604	Burner tray, on/off, std pilot, nat.....	325	R10314903	Tile cover, front & rear .....	250
10571605	Burner tray, on/off, std pilot, nat.....	400	R10314904	Tile cover, front & rear .....	325
10571702	Burner tray, on/off, std pilot, LP.....	175	R10314905	Tile cover, front & rear .....	400
10571703	Burner tray, on/off, std pilot, LP.....	250	10458901	Insulation, jacket.....	125
10571704	Burner tray, on/off, std pilot, LP.....	325	10458902	Insulation, jacket.....	175
10571705	Burner tray, on/off, std pilot, LP.....	400	10458903	Insulation, jacket.....	250
L0032200	Orifice #43, nat, 0-3000 ft.....	all	10458904	Insulation, jacket.....	325
L0050700	Orifice #44, nat, 3001-5000 ft.....	all	10458905	Insulation, jacket.....	400
L0032600	Orifice #45, nat, 5001-8000 ft.....	all	<b>ELECTRICAL / CONTROL COMPONENTS</b>		
L0050300	Orifice #47, nat, 8000-10,000 ft.....	all	RE0014400	Temperature control, on/off, HH / PH.....	all
L0050400	Orifice #48, nat, 10,000 ft+.....	all	RE2217700	Temperature control, on/off, VW / PW.....	all
L0032900	Orifice #54, LP, 0-7000 ft.....	all	RE0093200	Temperature control, 2-stage.....	all
L0032800	Orifice #55, LP, 7001-10,000 ft.....	all	R0011900	Ignition control, nat, prior to s/n C02 XXX)....	all
L0032700	Orifice #56, LP, 10,001 ft+.....	all	R0097100	Ignition control, s/n C02 XXX & after).....	all
R0099400	Valve, nat, spark, on/off.....	250-400	R0021300	Transformer, 40VA 115/24V.....	all
R0095900	Valve, LP, spark, on/off.....	175-400	RE0015900	High limit, manual reset, HH / PH.....	all
RV0072900	Valve, nat, spark, 2-stage.....	175	E2217800	High limit, manual reset, VW / PW.....	all
RV0072700	Valve, nat, spark, 2-stage.....	250-400	E0086800	Toggle switch.....	all
RV0073100	Valve, LP, spark, 2-stage.....	175-250	R2007700	Toggle switch, 3-position.....	all
R2075100	Valve, nat, std pilot, on/off.....	175	R2073400	Time delay relay, pump.....	all
V0049900	Valve, nat, std pilot, on/off.....	325-400	10564900	Pump time delay control, complete.....	all
R0385200	Valve, LP, std pilot, on/off.....	175-400	R0012200	Fusible link.....	all
RL0052300	Burner, main, 10-pack.....	all			

# Mighty Therm 125-400 (cont.)

Part No.	Description	Size	Part No.	Description	Size
R2061100	Spill switch.....	all	P2022100	Nipple, bronze.....	all
10697801	Harness, spill switch.....	all	P2023801	Tee, bronze.....	all
10697802	Harness, spill switch.....	all	10921003	Pump with rain shield.....	PH 125-175
E0084400	Fuse, 2A.....	all	10921004	Pump with rain shield.....	PH 250
E0223400	Fuse holder with 2A fuse.....	all	10921005	Pump with rain shield.....	PH 325-400
A0014300	Bell, optional.....	all	10921002	Pump with rain shield, normal.....	PW 125-400
<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>			10921001	Pump with rain shield, soft.....	PW 125-250
<b>HEAT EXCHANGER TUBE ASSEMBLIES</b>			A0066500	Pump, 1/25hp (Taco).....	PH 175
ASME heat exchanger tube assemblies.			A0076700	Pump, 1/12hp (Grundfos).....	PH 250
Individually serialized with data reports on file.			A0076804	Pump, 1/6hp (Grundfos).....	PH 325-400
<b>COPPER TUBE ASSEMBLIES</b>			A0095704	Pump, 1/6hp, bronze fitted, normal.....	PW 175-400
R0095501	Copper tube assembly with gaskets.....	125	A0095604	Pump, 1/12hp, bronze fitted, soft.....	PW 175-250
R0095502	Copper tube assembly with gaskets.....	175	A0095704	Pump, 1/6hp, bronze fitted, soft.....	PW 325-400
R0095503	Copper tube assembly with gaskets.....	250	<b>JACKET / BASE COMPONENTS</b>		
R0095504	Copper tube assembly with gaskets.....	325	10568007	Top assembly (indoor).....	175
R0095505	Copper tube assembly with gaskets.....	400	10568008	Top assembly (indoor).....	250
<b>CUPRO-NICKEL TUBE ASSEMBLIES</b>			10568009	Top assembly (indoor).....	325
R0095601	Cupro-nickel tube assembly with gaskets.....	125	10568010	Top assembly (indoor).....	400
R0095602	Cupro-nickel tube assembly with gaskets.....	175	R0081100	Top assembly (outdoor).....	175
R0095603	Cupro-nickel tube assembly with gaskets.....	250	R0081200	Top assembly (outdoor).....	250
R0095604	Cupro-nickel tube assembly with gaskets.....	325	R0081300	Top assembly (outdoor).....	325
R0095605	Cupro-nickel tube assembly with gaskets.....	400	R0081400	Top assembly (outdoor).....	400
<b>COPPER HEAT EXCHANGERS</b>			10568302	Jacket assembly.....	175
R10570302	Copper HX w/ headers & gaskets.....	175	10568303	Jacket assembly.....	250
R10570303	Copper HX w/ headers & gaskets.....	250	10568304	Jacket assembly.....	325
R10570304	Copper HX w/ headers & gaskets.....	325	10568305	Jacket assembly.....	400
R10570305	Copper HX w/ headers & gaskets.....	400	10448901	Door with latch.....	125
<b>CUPRO-NICKEL HEAT EXCHANGERS</b>			R0314702	Door with latch.....	175
R10726402	CU-NI HX w/ headers & gaskets.....	175	R0314703	Door with latch.....	250
R10726403	CU-NI HX w/ headers & gaskets.....	250	R0314704	Door with latch.....	325
R10726404	CU-NI HX w/ headers & gaskets.....	325	R0314705	Door with latch.....	400
R10726405	CU-NI HX w/ headers & gaskets.....	400	10335900	LWCO cover.....	all
R0050800	Heat exchanger gasket (set of 18).....	all	10448200	Gap closure, in/out.....	all
S0070800	Heat exchanger gasket (qty 1).....	all	10448302	Gap closure, return side.....	all
10457000	Heat exchanger support clip.....	all			
R10697402	Baffle, heat exchanger, (qty 1) (8 req).....	175			
R10697403	Baffle, heat exchanger, (qty 1) (8 req).....	250			
R10697404	Baffle, heat exchanger, (qty 1) (8 req).....	325			
R10697405	Baffle, heat exchanger, (qty 1) (8 req).....	400			
R10697402-8	Set of 8 heat exchanger baffles.....	175			
R10697403-8	Set of 8 heat exchanger baffles.....	250			
R10697404-8	Set of 8 heat exchanger baffles.....	325			
R10697405-8	Set of 8 heat exchanger baffles.....	400			
S0079100	In/out header.....	all			
S0079200	Return header.....	all			
RA0079000	Temperature & pressure gauge.....	all			
A0063300	Pressure relief valve 75 psi, HH/PH.....	all			
RA0001200	Pressure relief valve 125psi, VW/PW.....	all			
RE0013000	Flow switch.....	all			
RE2075100	LWCO (opt), 120V.....	all			
RE2058300	Well, aquastat, non-plated.....	all			
R0015000	Flange, 1½", bronze (qty 2 + gaskets).....	all			
S0071800	Flange 1½", bronze (qty 1).....	all			
S0076400	Flange 1½", cast iron (qty 1).....	all			
S0076500	Gasket, flange.....	all			
13-028	Bushing, brass.....	all			
F0031700	Screw, hex cap.....	all			
F0046100	Bolt, dome, 2½".....	all			
P0019100	Nipple, cast iron.....	all			
P0025300	Nipple, brass, ¾".....	all			
P0026800	Plug, 1/4" NPT.....	all			

# Mighty Therm Models HH, PH, VW, PW, AP & IW

Sizes 500-1825 MBTU/h

## GAS VALVES

### ON/OFF, NATURAL GAS

Size	Manual Valve	Safety Valve	Combi Valve
500	V0004200	RV0046600	V0047600
600	V0004200	RV0046600	V0047600
715	V0004200	RV0046600	V0047600
850	V0004200	RV0046600	V0047600
1010	V0004300	RV0046700	RV0047700
1200	V0004300	RV0046700	RV0047700
1430	V0004300	RV0046700	RV0047700
1670	V0004300	RV0046700	V0047800
1825	V0004300	V0046800	V0047800

### TWO-STAGE, NATURAL GAS

Size	Manual Valve	Safety Valve	Combi Valve
500	V0004200	RV0046600	RV0051200
600	V0004200	RV0046600	RV0051200
715	V0004200	RV0046600	RV0051200
850	V0004200	RV0046600	RV0051200
1010	V0004300	RV0046700	RV0051300
1200	V0004300	RV0046700	RV0051300
1430	V0004300	RV0046700	RV0051300
1670	V0004300	RV0046700	RV0051400
1825	V0004300	V0046800	RV0051400

### FOUR-STAGE, NATURAL GAS

Size	Manual Valve	Safety Valve	Combi Valve
500	n/a	n/a	RV2017700
600	n/a	n/a	RV2017700
715	n/a	n/a	RV2017700
850	V0004200	RV0046600	RV0051200
1010	V0004200	RV0046600	RV0051200
1200	V0004200	RV0046600	RV0051200
1430	V0004300	RV0046700	RV0051300
1670	V0001800	V0046800	RV0051300
1825	V0001800	V0046800	RV0051300

### MOTORIZED MODULATION, NATURAL GAS

Size	Manual Valve	Combi Valve	Mot. Valve	Mot. Actuator
500	V0004200	V0047600	V0048100	not available
600	V0004200	V0047600	V0048100	not available
715	V0004200	V0047600	V0048100	not available
850	V0004200	V0047600	V0048100	not available
1010	V0004300	RV0047700	V0048200	not available
1200	V0004300	RV0047700	V0048200	not available
1430	V0004300	RV0047700	V0048300	not available
1670	V0001800	V0047800	V0048300	not available
1825	V0001800	V0047800	V0048300	not available

### ON/OFF, PROPANE

Size	Manual Valve	Safety Valve	Combi Valve
500	RV0004800	RV0046600	V0054800
600	RV0004800	RV0046600	V0054800
715	RV0004800	RV0046600	V0054800
850	RV0004800	RV0046600	V0054800
1010	V0004200	RV0046600	V0054800
1200	V0004200	RV0046600	V0054800
1430	V0004300	RV0046700	V0054900
1670	V0004300	RV0046700	V0054900
1825	V0004300	RV0046700	V0054900

### TWO-STAGE, PROPANE

Size	Manual Valve	Safety Valve	Combi Valve
500	RV0004800	RV0046600	V0054800
600	RV0004800	RV0046600	V0054800
715	RV0004800	RV0046600	V0054800
850	RV0004800	RV0046600	V0054800
1010	V0004200	RV0046600	V0054800
1200	V0004200	RV0046600	V0054800
1430	V0004300	RV0046700	V0054900
1670	V0004300	RV0046700	V0054900
1825	V0004300	RV0046700	V0054900

### FOUR-STAGE, PROPANE

Size	Manual Valve	Safety Valve	Combi Valve
500	n/a	n/a	RV2017700
600	n/a	n/a	RV2017700
715	n/a	n/a	RV2017700
850	n/a	n/a	RV2017700
1010	V0004200	RV0046600	V0054800
1200	V0004200	RV0046600	V0054800
1430	V0004200	RV0046600	V0054800
1670	V0004300	RV0046700	V0054900
1825	V0004300	RV0046700	V0054900

# Mighty Therm Models HH, PH, VW, PW, AP & IW (cont.)

Sizes 500-1,825 MBTU/h

"Old style" AP before April 1999 - "New style" AP April 1999 & After

Part No.	Description	Size	Part No.	Description	Size
<b>BURNER TRAYS - SPARK IGNITION</b>			W0002000	Pilot regulator, nat.....	all
UT control E2305400 or E2305500 required for units built before 2004			W2000200	Pilot regulator, LP.....	all
R10550601	2-stage & on/off, natural.....	500	W0002100	Pilot gas valve, manual.....	all
R10550602	2-stage & on/off, natural.....	600	W0019300	Pilot valve, solenoid.....	all
R10550603	2-stage & on/off, natural.....	715	R2014400	Normally open vent valve, 24V (opt).....	all
R10550604	2-stage & on/off, natural.....	850	RL0052300	Burner, main, 10-pack.....	all
R10550605	2-stage & on/off, natural.....	1010	L0052300	Burner, main.....	all
R10550606	2-stage & on/off, natural.....	1200	L0050700	Orifice, nat 0-2000 ft.....	all
R10550607	2-stage & on/off, natural.....	1430	L0032600	Orifice, nat, 2001-5000 ft.....	all
R10550608	2-stage & on/off, natural.....	1670	L0050200	Orifice, nat 5001-6000 ft.....	all
R10550609	2-stage & on/off, natural.....	1825	L0050300	Orifice, nat 6001-7000 ft.....	all
20097401	2-stage & on/off, propane.....	500	L0050400	Orifice, nat 7001-10000 ft.....	all
20097402	2-stage & on/off, propane.....	600	L0032900	Orifice, LP, 0-4000 ft.....	all
20097403	2-stage & on/off, propane.....	715	L0032800	Orifice, LP, 4001-8000 ft.....	all
20097404	2-stage & on/off, propane.....	850	L0032700	Orifice, LP, 8001-10000 ft.....	all
20097405	2-stage & on/off, propane.....	1010	10525301	Burner anti-rotation bracket (single pilot).....	500
20097406	2-stage & on/off, propane.....	1200	10525302	Burner anti-rotation bracket (single pilot).....	600
20097407	2-stage & on/off, propane.....	1430	10525303	Burner anti-rotation bracket (single pilot).....	715
20097408	2-stage & on/off, propane.....	1670	10525304	Burner anti-rotation bracket (single pilot).....	850
20097409	2-stage & on/off, propane.....	1825	10525305	Burner anti-rotation bracket (single pilot).....	1010
<b>BURNER TRAYS - STANDING PILOT</b>			10525306	Burner anti-rotation bracket (single pilot).....	1200
10529601	2-stage & on/off, propane.....	500	10525307	Burner anti-rotation bracket (single pilot).....	1430
10529602	2-stage & on/off, propane.....	600	10525308	Burner anti-rotation bracket (single pilot).....	1670
10529603	2-stage & on/off, propane.....	715	10525309	Burner anti-rotation bracket (single pilot).....	1825
10529604	2-stage & on/off, propane.....	850	10525701	Burner tie down bracket, L (single pilot).....	500
10529605	2-stage & on/off, propane.....	1010	10525702	Burner tie down bracket, L (single pilot).....	600
10529606	2-stage & on/off, propane.....	1200	10525703	Burner tie down bracket, L (single pilot).....	715
10529607	2-stage & on/off, propane.....	1430	10525704	Burner tie down bracket, L (single pilot).....	850
10529608	2-stage & on/off, propane.....	1670	10525705	Burner tie down bracket, L (single pilot).....	1010
10529609	2-stage & on/off, propane.....	1825	10525707	Burner tie down bracket, L (single pilot).....	1200
<b>PILOTS &amp; PILOT / BURNER ASSEMBLIES</b>			10525708	Burner tie down bracket, L (single pilot).....	1430
<b>SPARK IGNITION</b>			10525709	Burner tie down bracket, L (single pilot).....	1670
<b>FOR USE WITH UNITED TECHNOLOGIES IGNITION CONTROLS</b>			10525710	Burner tie down bracket, L (single pilot).....	1825
R20607400	Pilot/burner assy, spark, nat, HW.....	all	10542001	Burner tie down bracket, R (single pilot).....	500
	(pilot R0061600)		10542002	Burner tie down bracket, R (single pilot).....	600
R20094900	Pilot/burner assy, spark, LP, JC.....	all	10542003	Burner tie down bracket, R (single pilot).....	715
	(pilot W2001300)		10542004	Burner tie down bracket, R (single pilot).....	850
R10526400	Pilot/burner assy (alt), spark, nat, JC.....	all	10542005	Burner tie down bracket, R (single pilot).....	1010
	(pilot RW0034500)		10542007	Burner tie down bracket, R (single pilot).....	1200
R0061600	Pilot, spark, nat, HW.....	all	10542008	Burner tie down bracket, R (single pilot).....	1430
W2001300	Pilot, spark, LP, JC.....	all	10542009	Burner tie down bracket, R (single pilot).....	1670
RW0034500	Pilot burner, spark, nat, JC.....	all	10542010	Burner tie down bracket, R (single pilot).....	1825
<b>SPARK IGNITION</b>			10529501	Pilot bracket/burner weldment (Johnson).....	all
<b>FOR USE WITH JOHNSON CONTROLS IGNITION CONTROLS</b>			10529502	Pilot bracket/burner weldment (HW).....	all
R2085500	Pilot burner, spark, nat, HW.....	all	10525901	Gas manifold weldment (single inlet).....	500
R2085501	Pilot burner, spark, LP, HW.....	all	10525902	Gas manifold weldment (single inlet).....	600
<b>STANDING PILOT</b>			10525903	Gas manifold weldment (single inlet).....	715
10547002	Pilot/burner assy, std pilot, propane.....	all	10525904	Gas manifold weldment (single inlet).....	850
	(pilot W0034400)		10525905	Gas manifold weldment (single inlet).....	1010
W0034400	Pilot, standing pilot, propane.....	all	10525906	Gas manifold weldment (single inlet).....	1200
<b>BURNER / PILOT / GAS TRAIN COMPONENTS</b>			10525907	Gas manifold weldment (single inlet).....	1430
R10418815	Pilot sensor lead assy, std pilot, natural.....	all	10525908	Gas manifold weldment (single inlet).....	1670
R10418816	Pilot sensor lead assy, std pilot, propane.....	all	10525909	Gas manifold weldment (single inlet).....	1825
R10418816	Pilot sensor lead assy, spark, nat & LP.....	all	10536801	Gas manifold weldment (dual inlet).....	500
R10418814	Pilot ignition lead assy, spark.....	all	10536802	Gas manifold weldment (dual inlet).....	600
20035563	Flame sensor for JC ignition control.....	500-600	10536803	Gas manifold weldment (dual inlet).....	715
20035564	Flame sensor for JC ignition control.....	715-850	10536804	Gas manifold weldment (dual inlet).....	850
20035565	Flame sensor for JC ignition control.....	1010-1430	10536805	Gas manifold weldment (dual inlet).....	1010
20035566	Flame sensor for JC ignition control.....	1670-1825	10536806	Gas manifold weldment (dual inlet).....	1200
W0036500	Thermocouple, standing pilot.....	all	10536807	Gas manifold weldment (dual inlet).....	1430



# Mighty Therm Models HH, PH, VW, PW, AP & IW (cont.)

"Old style" AP before April 1999 - "New style" AP April 1999 & After

Part No.	Description	Size	Part No.	Description	Size
10536808	Gas manifold weldment (dual inlet).....	1670	BR665908	Tube assembly, copper.....	AP new 1670
10536809	Gas manifold weldment (dual inlet).....	1825	BR665909	Tube assembly, copper.....	AP new 1825
10552901	Manifold cover plate assy (single pilot).....	500	<b>Outdoor units (10 tubes), copper</b>		
10552902	Manifold cover plate assy (single pilot).....	600	BR665901	Tube assembly, copper.....	500
10552903	Manifold cover plate assy (single pilot).....	715	BR665902	Tube assembly, copper.....	600
10552904	Manifold cover plate assy (single pilot).....	850	BR665903	Tube assembly, copper.....	715
10552905	Manifold cover plate assy (single pilot).....	1010	BR665904	Tube assembly, copper.....	850
10552906	Manifold cover plate assy (single pilot).....	1200	BR665905	Tube assembly, copper.....	1010
10552907	Manifold cover plate assy (single pilot).....	1430	BR665906	Tube assembly, copper.....	1200
10552908	Manifold cover plate assy (single pilot).....	1670	BR665907	Tube assembly, copper.....	1430
10552909	Manifold cover plate assy (single pilot).....	1825	BR665908	Tube assembly, copper.....	1670
<b>ELECTRICAL / CONTROL COMPONENTS</b>			BR665909	Tube assembly, copper.....	1825
RE0014400	Temp control, on/off, 100-240°F.....	H & W	<b>Indoor units (8 tubes), cupro-nickel</b>		
RE0093200	Temp control, 2-stage (130-230°F).....	H & W	BR098401	Tube assembly, cupro-nickel.....	500
RE2217700	High limit, auto reset, 200°F.....	AP new	BR098402	Tube assembly, cupro-nickel.....	600
E2103800	Water temp control.....	AP new	BR098403	Tube assembly, cupro-nickel.....	715
E2103600	Water temp sensor.....	AP new	BR098404	Tube assembly, cupro-nickel.....	850
E2103900	High limit, manual reset.....	AP new	BR098405	Tube assembly, cupro-nickel.....	1010
E2104800	High limit, auto reset, 135°F.....	AP new	BR098406	Tube assembly, cupro-nickel.....	1200
RE0066200	Dual aquastat controller.....	AP old	BR098407	Tube assembly, cupro-nickel.....	1430
R2061000	Temp control w/ 2 sensors HW T775.....	H & W	BR098408	Tube assembly, cupro-nickel.....	H&W1670
RE0015900	High limit, manual reset, 100-240°F.....	H & W	BR098409	Tube assembly, cupro-nickel.....	H&W1825
E2305400	Ignition control, UT, single try.....	all	BR098408	Tube assembly, cupro-nickel.....	AP old 1670
E2305500	Ignition control, UT, three try.....	all	BR098409	Tube assembly, cupro-nickel.....	AP old 1825
RE0100900	Ignition control to replace JC, cont. try.....	all	BR001008	Tube assembly, cupro-nickel.....	AP new 1670
RE2033900	Ignition control to replace JC, single try.....	all	BR001009	Tube assembly, cupro-nickel.....	AP new 1825
R0021300	Transformer, 40VA, 115/24V.....	all	<b>Outdoor units (10 tubes), cupro-nickel</b>		
E0086800	Toggle Switch.....	all	BR001001	Tube assembly, cupro-nickel.....	500
R2007700	Toggle switch, 3-position, for EM2.....	all	BR001002	Tube assembly, cupro-nickel.....	600
RE2077700	Pump time delay relay.....	all	BR001003	Tube assembly, cupro-nickel.....	715
10449518	Hi tension lead UT ign control.....	500-600	BR001004	Tube assembly, cupro-nickel.....	850
10449519	Hi tension lead UT ign control.....	715-850	BR001005	Tube assembly, cupro-nickel.....	1010
10449520	Hi tension lead UT ign control.....	1010-1430	BR001006	Tube assembly, cupro-nickel.....	1200
10449521	Hi tension lead UT ign control.....	1670-1825	BR001007	Tube assembly, cupro-nickel.....	1430
10449518R	Hi tension lead JC ign control.....	500-600	BR001008	Tube assembly, cupro-nickel.....	1670
10449519R	Hi tension lead JC ign control.....	715-850	BR001009	Tube assembly, cupro-nickel.....	1825
10449520R	Hi tension lead JC ign control.....	1010-1430	<b>COMPLETE HEAT EXCHANGERS</b>		
10449521R	Hi tension lead JC ign control.....	1670-1825	<b>VW - Indoor units (8 tubes), copper</b>		
R2004000	High gas pressure switch (opt).....	all	R20516301	Complete heat exchanger, copper tubes.....	500
R2004100	Low gas pressure switch (opt).....	all	R20516302	Complete heat exchanger, copper tubes.....	600
A0014200	Bell, optional, 120V.....	all	R20516303	Complete heat exchanger, copper tubes.....	715
A0014300	Bell, optional, 24V.....	all	R20516304	Complete heat exchanger, copper tubes.....	850
E0016000	Temp control, on/off, (40-180°F) (opt).....	H & W	R20516305	Complete heat exchanger, copper tubes.....	1010
E2073600	Temp control, 2-stage (60-160°F) (opt).....	H & W	R20516306	Complete heat exchanger, copper tubes.....	1200
<b>HEAT EXCHANGERS AND TUBE ASSEMBLIES</b>			R20516307	Complete heat exchanger, copper tubes.....	1430
All heat exchangers and tube assemblies are built in accordance with the requirements of the ASME Boiler and Pressure Vessel Code.			R20516308	Complete heat exchanger, copper tubes.....	1670
<b>TUBE ASSEMBLIES</b>			R20516309	Complete heat exchanger, copper tubes.....	1825
<b>Indoor units (8 tubes), copper</b>			<b>PW - Indoor units (8 tubes), copper</b>		
BR534701	Tube assembly, copper.....	500	R10547601	Complete heat exchanger, copper tubes.....	500
BR534702	Tube assembly, copper.....	600	R10547602	Complete heat exchanger, copper tubes.....	600
BR534703	Tube assembly, copper.....	715	R10547603	Complete heat exchanger, copper tubes.....	715
BR534704	Tube assembly, copper.....	850	R10547604	Complete heat exchanger, copper tubes.....	850
BR534705	Tube assembly, copper.....	1010	R10547605	Complete heat exchanger, copper tubes.....	1010
BR534706	Tube assembly, copper.....	1200	R10547606	Complete heat exchanger, copper tubes.....	1200
BR534707	Tube assembly, copper.....	1430	R10547607	Complete heat exchanger, copper tubes.....	1430
BR534708	Tube assembly, copper.....	H&W1670	R10547608	Complete heat exchanger, copper tubes.....	1670
BR534709	Tube assembly, copper.....	H&W1825	R10547609	Complete heat exchanger, copper tubes.....	1825
BR534708	Tube assembly, copper.....	AP old 1670	<b>HH - Indoor units (8 tubes), copper</b>		
BR534709	Tube assembly, copper.....	AP old 1825	R10534101	Complete heat exchanger, copper tubes.....	500
			R10534102	Complete heat exchanger, copper tubes.....	600
			R10534103	Complete heat exchanger, copper tubes.....	715

# Mighty Therm Models HH, PH, VW, PW, AP & IW (cont.)

"Old style" AP before April 1999 - "New style" AP April 1999 & After

Part No.	Description	Size	Part No.	Description	Size
R10534104	Complete heat exchanger, copper tubes.....	850	10534306	Baffle,HX front/rear (indoor).....	1200
R10534105	Complete heat exchanger, copper tubes.....	1010	10534307	Baffle,HX front/rear (indoor).....	1430
R10534106	Complete heat exchanger, copper tubes.....	1200	10534308	Baffle,HX front/rear (indoor).....	H&W 1670
R10534107	Complete heat exchanger, copper tubes.....	1430	10534309	Baffle,HX front/rear (indoor).....	H&W 1825
R10534108	Complete heat exchanger, copper tubes.....	1670	10534308	Baffle,HX front/rear (indoor).....	AP old 1670
R10534109	Complete heat exchanger, copper tubes.....	1825	10534309	Baffle,HX front/rear (indoor).....	AP old 1825
<b>PH - Indoor units (8 tubes), copper</b>			20020108	Baffle,HX, front/rear.....	AP new 1670
R20515901	Complete heat exchanger, copper tubes.....	500	20020109	Baffle,HX, front/rear.....	AP new 1825
R20515902	Complete heat exchanger, copper tubes.....	600	10534601	Baffle,HX (indoor) (500=7req,1825=14req)....	500 / 1825
R20515903	Complete heat exchanger, copper tubes.....	715	10534602	Baffle,HX (indoor) (14req).....	H&W 600
R20515904	Complete heat exchanger, copper tubes.....	850	10534602	Baffle,HX (indoor) (14req).....	H&W 1825
R20515905	Complete heat exchanger, copper tubes.....	1010	10534602	Baffle,HX (indoor) (14req).....	AP old 1825
R20515906	Complete heat exchanger, copper tubes.....	1200	10534603	Baffle,HX (indoor) (14req).....	715
R20515907	Complete heat exchanger, copper tubes.....	1430	10534604	Baffle,HX (indoor) (14req).....	850
R20515908	Complete heat exchanger, copper tubes.....	1670	10534605	Baffle,HX (indoor) (14req).....	1010
R20515909	Complete heat exchanger, copper tubes.....	1825	10534606	Baffle,HX (indoor) (28req).....	1200
<b>WATERWAY COMPONENTS</b>			10534607	Baffle,HX (indoor) (28req).....	1430
R10364504	Header cover, inlet/outlet, glassed.....	all	10534608	Baffle,HX (indoor) (28req).....	H&W 1670
10364300	Return header, glassed cast iron.....	all	10534608	Baffle,HX (indoor) (28req).....	AP old 1670
R20607600	Pump housing (volute).....	PW/PH/IW	10667701	Baffle,HX (out) (500=14req,1825=28req).....	500 / 1825
S0095100	Gasket, header (2 req).....	all	10667702	Baffle,HX (out) (600=14req,1825=28req).....	600 / 1825
S0024600	Pump adapter gasket.....	PW/PH/IW	10667702	Baffle,HX (out) (28req).....	AP new 1825
10391302	Flange, 2"NPT, cast iron.....	H&W 500-850	10667703	Baffle,HX (outdoor) (14req).....	715
10391303	Flange, 2½"NPT, cast iron.....	H&W 1010-1825	10667704	Baffle,HX (outdoor) (14req).....	850
10391303	Flange, 2½"NPT, cast iron.....	AP all	10667705	Baffle,HX (outdoor) (28req).....	1010
R20255401	Flange, bronze, 2" with bolts and gasket.....	H&W 500-850	10667706	Baffle,HX (outdoor) (28req).....	1200
S2115602	Flange, bronze, 2½".....	H&W 500-850	10667707	Baffle,HX (outdoor) (28req).....	1430
20130001	Adapter tee, outlet flange, 2" NPT, glass.....	H&W 500-850	10667708	Baffle,HX (outdoor) (28req).....	H&W 1670
20130002	Adapter tee, outlet flange, 2½" NPT, glass....	H&W 1010-1825	10667708	Baffle,HX (outdoor) (28req).....	AP new 1670
20130002	Adapter tee, outlet flange, 2½" NPT, glass....	AP all	20020101	Baffle,HX (outdoor) (2req).....	500
R20150302	Adapter tee, outlet flange, 2" NPT, brz.....	H&W 500-850	20020102	Baffle,HX (outdoor) (2req).....	600
R20150303	Adapter tee, outlet flange, 2½" NPT, brz.....	H&W 1010-1825	20020103	Baffle,HX (outdoor) (2req).....	715
R20150303	Adapter tee, outlet flange, 2½" NPT, brz.....	AP all	20020104	Baffle,HX (outdoor) (2req).....	850
20130002	Adapter tee, outlet flange, 2½" glass.....	AP all	20020105	Baffle,HX (outdoor) (2req).....	1010
20130004	Adapter tee, 2", cast iron, PH/PW LWCO.....	500-850	20020106	Baffle,HX (outdoor) (2req).....	1200
20130005	Adapter tee, 2½", cast iron, PH/PW LWCO...	1010-1825	20020107	Baffle,HX (outdoor) (2req).....	1430
S0063700	Gasket, flange (2 req).....	all	20020108	Baffle,HX (outdoor) (2req).....	1670
20305101	Water barrier with gasket.....	all	20020109	Baffle,HX (outdoor) (2req).....	1825
10338300	Baffle, water inlet.....	all	RA2117201	Pump, 1/3hp PW soft water.....	500-1670
10338400	Baffle, pump diffuser.....	PW/PH/IW		PW normal water.....	500-715
A0063300	Pressure relief valve, 75 psi, HH/PH/AP.....	500-715		PH.....	500-850
A0063600	Pressure relief valve, 75 psi, HH/PH/AP.....	850-1825	RA2117202	Pump, 1/2hp PW normal water.....	850-1430
RA0001200	Pressure relief valve, 125 psi, VW/PW/IW.....	500-1670		PH.....	1010-1200
A0064400	Pressure relief valve, 125 psi, VW/PW/IW.....	1825		AP.....	500-1670
RA0079000	Temperature & pressure gauge.....	all	RA2117203	Pump, 3/4hp PW soft water.....	1825
RE2058300	Immersion well, 1/2".....	all		PW normal water.....	1670-1825
A2085900	Immersion well, 3/4".....	H&W		PW hard water.....	500-1825
RE2074000	Immersion well for thermistor sensor.....	AP		PH.....	1430-1825
RE2218701	Water pressure switch.....	AP		AP.....	1825
R2008400	Flow switch (indoor).....	all	The following parts are only for Taco pumps with Laars part numbers		
RE0013000	Flow switch (outdoor).....	all	RA2115101, RA2115102, RA2115103		
RE2075100	Low water cutoff (opt).....	all	RA2117201, RA2117202, RA2117203		
10534301	Baffle, HX front/rear (indoor).....	500	A2117900	Pump gasket (incl. with pump).....	all
10534302	Baffle, HX front/rear (indoor).....	600	A2123417	Coupling element.....	all
10534303	Baffle, HX front/rear (indoor).....	715	A2123415	Coupling hub motor 5/8".....	all
10534304	Baffle, HX front/rear (indoor).....	850	A2123416	Coupling hub motor 1/2".....	all
10534305	Baffle,HX front/rear (indoor).....	1010	A2118600	Coupling.....	all
			A2123404	Motor/cradle Nidec.....	1/3 hp
			A2123403	Motor/cradle Nidec.....	1/2 hp
			A2123402	Motor/cradle Nidec.....	3/4 hp



# Mighty Therm Models HH, PH, VW, PW, AP & IW (cont.)

"Old style" AP before April 1999 - "New style" AP April 1999 & After

Part No.	Description	Size	Part No.	Description	Size
10540401	Middle rear panel / heat shield weldment.....	500	10548302	Tile heat shield/spacer, rear.....	850
10540402	Middle rear panel / heat shield weldment.....	600	10548303	Tile heat shield/spacer, rear.....	1010
10540403	Middle rear panel / heat shield weldment.....	715	10548401	Tile heat shield/spacer, rear.....	1200
10540404	Middle rear panel / heat shield weldment.....	850	10548402	Tile heat shield/spacer, rear.....	1430
10540405	Middle rear panel / heat shield weldment.....	1010	10548403	Tile heat shield/spacer, rear.....	1670
10540406	Middle rear panel / heat shield weldment.....	1200	10548404	Tile heat shield/spacer, rear.....	1825
10540407	Middle rear panel / heat shield weldment.....	1430	10551000	Tile support bracket, end (2 req).....	all
10540408	Middle rear panel / heat shield weldment.....	1670	10554401	Middle front panel (indoor).....	500
10540409	Middle rear panel / heat shield weldment.....	1825	10554402	Middle front panel (indoor).....	600
10540501	Upper rear panel / heat shield weldment.....	500	10554403	Middle front panel (indoor).....	715
10540502	Upper rear panel / heat shield weldment.....	600	10554404	Middle front panel (indoor).....	850
10540503	Upper rear panel / heat shield weldment.....	715	10554405	Middle front panel (indoor).....	1010
10540504	Upper rear panel / heat shield weldment.....	850	10554406	Middle front panel (indoor).....	1200
10540505	Upper rear panel / heat shield weldment.....	1010	10554407	Middle front panel (indoor).....	1430
10540506	Upper rear panel / heat shield weldment.....	1200	10554408	Middle front panel (indoor).....	1670
10540507	Upper rear panel / heat shield weldment.....	1430	10554409	Middle front panel (indoor).....	1825
10540508	Upper rear panel / heat shield weldment.....	1670	10554601	Lower front panel/heat shield weldment.....	500
10540509	Upper rear panel / heat shield weldment.....	1825	10554602	Lower front panel/heat shield weldment.....	600
10540701	Lower end panel / heat shield weldment, R.....	all	10554603	Lower front panel/heat shield weldment.....	715
10540702	Lower end panel / heat shield weldment, L.....	all	10554604	Lower front panel/heat shield weldment.....	850
10540800	Flue collector, spacer.....	all	10554605	Lower front panel/heat shield weldment.....	1010
10540901	Drafthood, relief baffle, right.....	500	10554606	Lower front panel/heat shield weldment.....	1200
10540902	Drafthood, relief baffle, right.....	600	10554607	Lower front panel/heat shield weldment.....	1430
10540903	Drafthood, relief baffle, right.....	715	10554608	Lower front panel/heat shield weldment.....	1670
10540904	Drafthood, relief baffle, right.....	850	10554609	Lower front panel/heat shield weldment.....	1825
10540905	Drafthood, relief baffle, right.....	1010	10602301	Base/tile support assembly (outdoor).....	500
10540906	Drafthood, relief baffle, right.....	1200	10602302	Base/tile support assembly (outdoor).....	600
10540907	Drafthood, relief baffle, right.....	1430	10602303	Base/tile support assembly (outdoor).....	715
10540908	Drafthood, relief baffle, right.....	1670	10602304	Base/tile support assembly (outdoor).....	850
10540909	Drafthood, relief baffle, right.....	1825	10602305	Base/tile support assembly (outdoor).....	1010
10541001	Drafthood, relief baffle, left.....	500	10602306	Base/tile support assembly (outdoor).....	1200
10541002	Drafthood, relief baffle, left.....	600	10602307	Base/tile support assembly (outdoor).....	1430
10541003	Drafthood, relief baffle, left.....	715	10602308	Base/tile support assembly (outdoor).....	1670
10541004	Drafthood, relief baffle, left.....	850	10602309	Base/tile support assembly (outdoor).....	1825
10541005	Drafthood, relief baffle, left.....	1010	10630300	Control box cover (outdoor).....	all
10541006	Drafthood, relief baffle, left.....	1200	10661501	Tile cover, front/rear (outdoor).....	500
10541007	Drafthood, relief baffle, left.....	1430	10661502	Tile cover, front/rear (outdoor).....	600
10541008	Drafthood, relief baffle, left.....	1670	10661503	Tile cover, front/rear (outdoor).....	715
10541009	Drafthood, relief baffle, left.....	1825	10661504	Tile cover, front/rear (outdoor).....	850
10547200	Control box cover (indoor).....	all	10661505	Tile cover, front/rear (outdoor).....	1010
10536001	Tile heat shield/spacer, front&rear (2 req).....	500	10661506	Tile cover, front/rear (outdoor).....	1200
10547901	Tile heat shield/spacer, front.....	600	10661507	Tile cover, front/rear (outdoor).....	1430
10547901	Tile heat shield/spacer, front.....	1430	10661508	Tile cover, front/rear (outdoor).....	1670
10547902	Tile heat shield/spacer, front.....	715	10661509	Tile cover, front/rear (outdoor).....	1825
10547903	Tile heat shield/spacer, front.....	1200	10661701	Flue collector, rear panel (outdoor).....	500
10547903	Tile heat shield/spacer, front.....	1825	10661702	Flue collector, rear panel (outdoor).....	600
10547904	Tile heat shield/spacer, front.....	1670	10661703	Flue collector, rear panel (outdoor).....	715
10548001	Tile heat shield/spacer, front.....	1825	10661704	Flue collector, rear panel (outdoor).....	850
10548002	Tile heat shield/spacer, front.....	850	10661705	Flue collector, rear panel (outdoor).....	1010
10548003	Tile heat shield/spacer, front.....	1010	10661706	Flue collector, rear panel (outdoor).....	1200
10548101	Tile heat shield/spacer, front.....	1200	10661707	Flue collector, rear panel (outdoor).....	1430
10548102	Tile heat shield/spacer, front.....	1430	10661708	Flue collector, rear panel (outdoor).....	1670
10548103	Tile heat shield/spacer, front.....	1670	10661709	Flue collector, rear panel (outdoor).....	1825
10548104	Tile heat shield/spacer, front.....	1825	10662001	Middle front panel (outdoor).....	500
10548201	Tile heat shield/spacer, rear.....	600	10662002	Middle front panel (outdoor).....	600
10548201	Tile heat shield/spacer, rear.....	1430	10662003	Middle front panel (outdoor).....	715
10548202	Tile heat shield/spacer, rear.....	715	10662004	Middle front panel (outdoor).....	850
10548203	Tile heat shield/spacer, rear.....	1200	10662005	Middle front panel (outdoor).....	1010
10548203	Tile heat shield/spacer, rear.....	1825	10662006	Middle front panel (outdoor).....	1200
10548204	Tile heat shield/spacer, rear.....	1670	10662007	Middle front panel (outdoor).....	1430
10548301	Tile heat shield/spacer, rear.....	1825	10662008	Middle front panel (outdoor).....	1670



# Mighty Therm Models HH, PH, VW, PW, AP & IW (cont.)

"Old style" AP before April 1999 - "New style" AP April 1999 & After

Part No.	Description	Size	Part No.	Description	Size
10662009	Middle front panel (outdoor).....	1825	10658501	Rear base extension.....	500
10662101	Flue collector, front support (outdoor).....	500	10658502	Rear base extension.....	600
10662102	Flue collector, front support (outdoor).....	600	10658503	Rear base extension.....	715
10662103	Flue collector, front support (outdoor).....	715	10658504	Rear base extension.....	850
10662104	Flue collector, front support (outdoor).....	850	10658505	Rear base extension.....	1010
10662105	Flue collector, front support (outdoor).....	1010	10658506	Rear base extension.....	1200
10662106	Flue collector, front support (outdoor).....	1200	10658507	Rear base extension.....	1430
10662107	Flue collector, front support (outdoor).....	1430	10658508	Rear base extension.....	1670
10662108	Flue collector, front support (outdoor).....	1670	10658509	Rear base extension.....	1825
10662109	Flue collector, front support (outdoor).....	1825	10658701	Upper rear panel.....	500
10662201	Flue collector, sweep sheet (outdoor).....	500	10658702	Upper rear panel.....	600
10662202	Flue collector, sweep sheet (outdoor).....	600	10658703	Upper rear panel.....	715
10662203	Flue collector, sweep sheet (outdoor).....	715	10658704	Upper rear panel.....	850
10662204	Flue collector, sweep sheet (outdoor).....	850	10658705	Upper rear panel.....	1010
10662205	Flue collector, sweep sheet (outdoor).....	1010	10658706	Upper rear panel.....	1200
10662206	Flue collector, sweep sheet (outdoor).....	1200	10658707	Upper rear panel.....	1430
10662207	Flue collector, sweep sheet (outdoor).....	1430	10658708	Upper rear panel.....	1670
10662208	Flue collector, sweep sheet (outdoor).....	1670	10658709	Upper rear panel.....	1825
10662209	Flue collector, sweep sheet (outdoor).....	1825	10658901	Upper front panel.....	500
20300500	Control box weldment.....	all	10658902	Upper front panel.....	600
R10536901	Base/tile support assembly (indoor).....	500	10658903	Upper front panel.....	715
R10536902	Base/tile support assembly (indoor).....	600	10658904	Upper front panel.....	850
R10536903	Base/tile support assembly (indoor).....	715	10658905	Upper front panel.....	1010
R10536904	Base/tile support assembly (indoor).....	850	10658906	Upper front panel.....	1200
R10536905	Base/tile support assembly (indoor).....	1010	10658907	Upper front panel.....	1430
R10536906	Base/tile support assembly (indoor).....	1200	10658908	Upper front panel.....	1670
R10536907	Base/tile support assembly (indoor).....	1430	10658909	Upper front panel.....	1825
R10536908	Base/tile support assembly (indoor).....	1670	10659101	Front windshield.....	500
R10536909	Base/tile support assembly (indoor).....	1825	10659102	Front windshield.....	600
<b>OUTDOOR JACKET COMPONENTS</b>			10659103	Front windshield.....	715
R10526101	Burner support weldment.....	500	10659104	Front windshield.....	850
R10526102	Burner support weldment.....	600	10659105	Front windshield.....	1010
R10526103	Burner support weldment.....	715	10659106	Front windshield.....	1200
R10526104	Burner support weldment.....	850	10659107	Front windshield.....	1430
R10526105	Burner support weldment.....	1010	10659108	Front windshield.....	1670
R10526106	Burner support weldment.....	1200	10659109	Front windshield.....	1825
R10526107	Burner support weldment.....	1430	10659301	Flue panel rear.....	500
R10526108	Burner support weldment.....	1670	10659302	Flue panel rear.....	600
R10526109	Burner support weldment.....	1825	10659303	Flue panel rear.....	715
10657101	Upper rear louver shield.....	500	10659304	Flue panel rear.....	850
10657102	Upper rear louver shield.....	600	10659305	Flue panel rear.....	1010
10657103	Upper rear louver shield.....	715	10659306	Flue panel rear.....	1200
10657104	Upper rear louver shield.....	850	10659307	Flue panel rear.....	1430
10657105	Upper rear louver shield.....	1010	10659308	Flue panel rear.....	1670
10657106	Upper rear louver shield.....	1200	10659309	Flue panel rear.....	1825
10657107	Upper rear louver shield.....	1430	10659501	Flue panel front.....	500
10657108	Upper rear louver shield.....	1670	10659502	Flue panel front.....	600
10657109	Upper rear louver shield.....	1825	10659503	Flue panel front.....	715
10657501	Left front end panel.....	all	10659504	Flue panel front.....	850
10657502	Right front end panel.....	all	10659505	Flue panel front.....	1010
10657700	Rear end panel left & right (2 req).....	all	10659506	Flue panel front.....	1200
10658101	Rear windshield.....	500	10659507	Flue panel front.....	1430
10658102	Rear windshield.....	600	10659508	Flue panel front.....	1670
10658103	Rear windshield.....	715	10659509	Flue panel front.....	1825
10658104	Rear windshield.....	850	10659701	Front base extension.....	500
10658105	Rear windshield.....	1010	10659702	Front base extension.....	600
10658106	Rear windshield.....	1200	10659703	Front base extension.....	715
10658107	Rear windshield.....	1430	10659704	Front base extension.....	850
10658108	Rear windshield.....	1670	10659705	Front base extension.....	1010
10658109	Rear windshield.....	1825	10659706	Front base extension.....	1200
			10659707	Front base extension.....	1430



# Mighty Therm Models HH, PH, VW, PW, AP & IW (cont.)

"Old style" AP before April 1999 - "New style" AP April 1999 & After

Part No.	Description	Size	Part No.	Description	Size
10659708	Front base extension.....	1670			
10659709	Front base extension.....	1825			
10659901	Lower rear shield - inner.....	500			
10659902	Lower rear shield - inner.....	600			
10659903	Lower rear shield - inner.....	715			
10659904	Lower rear shield - inner.....	850			
10659905	Lower rear shield - inner.....	1010			
10659906	Lower rear shield - inner.....	1200			
10659907	Lower rear shield - inner.....	1430			
10659908	Lower rear shield - inner.....	1670			
10659909	Lower rear shield - inner.....	1825			
10660101	Gap closure - middle.....	500			
10660102	Gap closure - middle.....	600			
10660103	Gap closure - middle.....	715			
10660104	Gap closure - middle.....	850			
10660105	Gap closure - middle.....	1010			
10660106	Gap closure - middle.....	1200			
10660107	Gap closure - middle.....	1430			
10660108	Gap closure - middle.....	1670			
10660109	Gap closure - middle.....	1825			
10660200	Gap closure - side (2 req).....	all			
10660501	Lower rear panel assembly.....	500			
10660502	Lower rear panel assembly.....	600			
10660503	Lower rear panel assembly.....	715			
10660504	Lower rear panel assembly.....	850			
10660505	Lower rear panel assembly.....	1010			
10660506	Lower rear panel assembly.....	1200			
10660507	Lower rear panel assembly.....	1430			
10660508	Lower rear panel assembly.....	1670			
10660509	Lower rear panel assembly.....	1825			
10660701	Top panel assembly.....	500			
10660702	Top panel assembly.....	600			
10660703	Top panel assembly.....	715			
10660704	Top panel assembly.....	850			
10660705	Top panel assembly.....	1010			
10660706	Top panel assembly.....	1200			
10660707	Top panel assembly.....	1430			
10660708	Top panel assembly.....	1670			
10660709	Top panel assembly.....	1825			
20050200	Gas train interface plate.....	all			
20050401	Door panel weldment.....	500			
20050402	Door panel weldment.....	600			
20050403	Door panel weldment.....	715			
20050404	Door panel weldment.....	850			
20050405	Door panel weldment.....	1010			
20050406	Door panel weldment.....	1200			
20050407	Door panel weldment.....	1430			
20050408	Door panel weldment.....	1670			
20050409	Door panel weldment.....	1825			
20100705	Left door panel weldment.....	1010			
20100706	Left door panel weldment.....	1200			
20100707	Left door panel weldment.....	1430			
20100708	Left door panel weldment.....	1670			
20100709	Left door panel weldment.....	1825			
R2061401	Pump cover.....	all			

# Mighty Therm Models HH, VW & AP

Sizes 2000-5000 MBTU/h

## GAS VALVES

### ON/OFF, NATURAL

Size	Manual Valve	Safety Valve	Combi Valve
2000	V0001800	V0046800	V0047800
2450 I / 2200 E	V0001800	V0046800	V0047800
3050 I / 2800 E	V2013800	V0046900	V0047900
3500 I / 3200 E	V2013800	V0046900	V0047800
4050 I / 3600 E	V2013800	V0046900	V0047800
4500 I / 4000 E	V2013900	V2000500	V0047800
5000 I / 4500 E	V2013900	V2000500	V0047800

### 2-STAGE, NATURAL

Size	Manual Valve	Safety Valve	Combi Valve
2000	V0001800	V0046800	RV0051400
2450 I / 2200 E	V0001800	V0046800	RV0051400
3050 I / 2800 E	V2013800	V0046900	V2001000
3500 I / 3200 E	V2013800	V0046900	V0047800
4050 I / 3600 E	V2013800	V0046900	V0047800
4500 I / 4000 E	V2013900	V2000500	V0047800
5000 I / 4500 E	V2013900	V2000500	V0047800

### 4-STAGE, NATURAL

Size	Manual Valve	Safety Valve	Combi Valve
2000	V0001800	V0046800	RV0051300
2450 I / 2200 E	V0001800	V0046800	RV0051300
3050 I / 2800 E	V2013800	V0046900	RV0051300
3500 I / 3200 E	V2013800	V0046900	RV0051400
4050 I / 3600 E	V2013800	V0046900	RV0051400
4500 I / 4000 E	V2013900	V2000500	RV0051400
5000 I / 4500 E	V2013900	V2000500	RV0051400

### MOTORIZED MODULATION, NATURAL

Size	Manual Valve	Safety Valve	Mot. Valve	Mot. Act	Regulator
2000	V0001800	V0046800	V0048400	not available	V0026700
2450 I / 2200 E	V0001800	V0046800	V0048400	not available	V0026700
3050 I / 2800 E	V2013800	V0046900	V0048400	not available	V0026900
3500 I / 3200 E	V2013800	V0046900	V0048400	not available	V0026900
4050 I / 3600 E	V2013900	V2000500	V0048500	not available	V0027000
4500 I / 4000 E	V2013900	V2000500	V0048500	not available	V0027000
5000 I / 4500 E	V2013900	V2000500	V0048600	not available	V0027000

### ON/OFF, PROPANE

Size	Manual Valve	Safety Valve	Combi Valve
2000	V0004300	RV0046700	V0054900
2450 I / 2200 E	V0004300	RV0046700	V0054900
3050 I / 2800 E	V0001800	V0046800	V2000900
3500 I / 3200 E	V0001800	V0046800	V2000900
4050 I / 3600 E	V2013800	V0046900	V0054900
4500 I / 4000 E	V2013800	V0046900	V0054900
5000 I / 4500 E	V2013800	V0046900	V0054900

### 2-STAGE, PROPANE

Size	Manual Valve	Safety Valve	Combi Valve
2000	V0004300	RV0046700	V0054900
2450 I / 2200 E	V0004300	RV0046700	V0054900
3050 I / 2800 E	V0001800	V0046800	V2000900
3500 I / 3200 E	V0001800	V0046800	V2000900
4050 I / 3600 E	V2013800	V0046900	V0054900
4500 I / 4000 E	V2013800	V0046900	V0054900
5000 I / 4500 E	V2013800	V0046900	V0054900

### 4-STAGE, PROPANE

Size	Manual Valve	Safety Valve	Combi Valve
2000	V0004300	RV0046700	V0054900
2450 I / 2200 E	V0004300	RV0046700	V0054900
3050 I / 2800 E	V0001800	V0046800	V0054900
3500 I / 3200 E	V0001800	V0046800	V0054900
4050 I / 3600 E	V2013800	V0046900	V0054900
4500 I / 4000 E	V2013800	V0046900	V0054900
5000 I / 4500 E	V2013800	V0046900	V0054900

# Mighty Therm Models HH, VW, AP 2000-5000 (cont.)

Part No.	Description	Size	Part No.	Description	Size
<b>PILOTS &amp; PILOT / BURNER ASSEMBLIES</b>					
<b>NATURAL GAS, SPARK IGNITION - LATEST DESIGN</b>					
RW0034500	Pilot.....	all	R2004000	High gas pressure switch.....	all
20052006	Ignition lead.....	all	R2004100	Low gas pressure switch.....	all
20052005	Sensor lead.....	all	RW0030000	Pilot relay, manual reset.....	all
20047700	Burners with pilot bracket.....	all	W0002000	Pilot regulator, natural.....	all
R20047801	Pilot / burner assembly.....	all	W2000200	Pilot regulator, propane.....	all
<b>PROPANE, SPARK IGNITION - LATEST DESIGN</b>					
W2001300	Pilot.....	all	W0002100	Manual pilot valve.....	all
20052006	Ignition lead.....	all	W0019300	Pilot solenoid valve, nat/LP.....	all
20052005	Sensor lead.....	all	20035566	Flame sensor for JC ignition control.....	all
20047700	Burners with pilot bracket.....	all	RL2005800	Burners, 5-pack.....	all
20047901	Pilot / burner assembly.....	all	<b>ELECTRICAL / CONTROL COMPONENTS</b>		
<b>NATURAL GAS, STANDING PILOT - LATEST DESIGN</b>			RE0093200 Control, 2-stage..... all		
W0035900	Thermocouple.....	all	RE0014400	Control on/off or auto hi limit, 100-240°F....	all
20052005	Sensor lead.....	all	RE0015900	High limit, manual reset, 100-240°F.....	all
20047700	Burners with pilot bracket.....	all	E2305400	Ignition control, CSD-1 nat & all LP spark..	all
<b>PROPANE, STANDING PILOT - LATEST DESIGN</b>			E2305500 Ignition control, natural, continuous retry.... all		
W0034600	Pilot.....	all	RE0100900	Ignition control, standing pilot.....	all
W0035900	Thermocouple.....	all	RE2079100	Transformer, 100VA, 120/24V.....	all
20052005	Sensor lead.....	all	R0021300	Transformer, 40VA, 120/24V.....	all
20047700	Burners with pilot bracket.....	all	E0086800	Toggle switch.....	all
20048001	Pilot / burner assembly.....	all	R2007700	Toggle switch, 3 position (for EM2).....	all
<b>NATURAL GAS, SPARK IGNITION - ALTERNATE</b>			RE2077700 Pump time delay relay..... all		
R2085500	Pilot.....	all	E0098300	SPST relay, 24V coil.....	all
20052001	Ignition lead.....	all	E0101800	Terminal block, 12 position.....	all
20052002	Sensor lead.....	all	A0014200	Optional bell, 120V.....	all
20047700	Burners with pilot bracket.....	all	A0014300	Optional bell, 24V.....	all
20607500	Pilot / burner assembly	all	<b>TUBE ASSEMBLIES</b>		
R0061600	Pilot.....	all	All Laars tube assemblies are built in accordance with the ASME Boiler and Pressure Vessel Code.		
<b>PROPANE, STANDING PILOT - ALTERNATE</b>					
W0034400	Pilot.....	all	<b>COPPER TUBES</b>		
W0036500	Thermocouple.....	all	BR010801	Copper tube assembly.....	2000
20052002	Sensor lead.....	all	BR010802	Copper tube assembly.....	2450 I / 2200 E
20047700	Burners with pilot bracket.....	all	BR010803	Copper tube assembly.....	3050 I / 2800 E
<b>BURNER / PILOT / GAS TRAIN COMPONENTS</b>			BR010804 Copper tube assembly..... 3500 I / 3200 E		
L2002200	Orifice, natural, 0-2000 ft, #20 .....	all indoor	BR010805	Copper tube assembly.....	4050 I / 3600 E
L2006100	Orifice, natural, 2001-3000 ft, #23 .....	all indoor	BR010806	Copper tube assembly.....	4500 I / 4000 E
L2006400	Orifice, natural, 3001-4000 ft, #24 .....	all indoor	BR010807	Copper tube assembly.....	5000 I / 4500 E
L2006700	Orifice, natural, 4001-5000 ft, #26 .....	all indoor	<b>CUPRO NICKEL</b>		
L2007000	Orifice, natural, 5001-6000 ft, #27 .....	all indoor	BR098901	Cupro nickel tube assembly.....	2000
L2007300	Orifice, natural, 6001-7000 ft, #28 .....	all indoor	BR098902	Cupro nickel tube assembly.....	2450 I / 2200 E
L2007600	Orifice, natural, 7001-8000 ft, #29 .....	all indoor	BR098903	Cupro nickel tube assembly.....	3050 I / 2800 E
L2007900	Orifice, natural, 8001-10000 ft, #30 .....	all indoor	BR098904	Cupro nickel tube assembly.....	3500 I / 3200 E
L2006400	Orifice, natural, 0-2000 ft, #24 .....	all outdoor	BR098905	Cupro nickel tube assembly.....	4050 I / 3600 E
L2006700	Orifice, natural, 2001-4000 ft, #26 .....	all outdoor	BR098906	Cupro nickel tube assembly.....	4500 I / 4000 E
L2007000	Orifice, natural, 4001-5000 ft, #27 .....	all outdoor	BR098907	Cupro nickel tube assembly.....	5000 I / 4500 E
L2007600	Orifice, natural, 5001-7000 ft, #29 .....	all outdoor	<b>WATERWAY COMPONENTS</b>		
L2007900	Orifice, natural, 7001-9000 ft, #30 .....	all outdoor	10416100	Return header (2-pass).....	all
L2011300	Orifice, propane, 0-2000 ft, #35 .....	all indoor	10416200	Inlet/outlet header (2-pass).....	all
L2002500	Orifice, propane, 2001-4000 ft, #36 .....	all indoor	10416700	Return header (single pass).....	all
L2002600	Orifice, propane, 4001-5000 ft, #37 .....	all indoor	10417400	Flange, 4" cast iron.....	all
L2002700	Orifice, propane, 5001-7000 ft, #38 .....	all indoor	10534310	Front & rear heat exchanger baffle.....	2000
L2002800	Orifice, propane, 7001-8000 ft, #39 .....	all indoor	10534306	Front & rear heat exchanger baffle.....	2450 I / 2200 E
L2002900	Orifice, propane, 8001-10000 ft, #41 .....	all indoor	10534312	Front & rear HX baffle (4 req).....	3050 I / 2800 E
L2002600	Orifice, propane, 0-2000 ft, #37 .....	all outdoor	10534313	Front & rear HX baffle (4 req).....	3500 I / 3200 E
L2002700	Orifice, propane, 2001-4000 ft, #38 .....	all outdoor	10534314	Front & rear HX baffle (6 req).....	4050 I / 3600 E
L2008100	Orifice, propane, 5001-6000 ft, #40 .....	all outdoor	10534315	Front & rear HX baffle (6 req).....	4500 I / 4000 E
L2002900	Orifice, propane, 6001-7000 ft, #41 .....	all outdoor	10534308	Front & rear HX baffle (6 req).....	5000 I / 4500 E
L2005300	Orifice, propane, 7001-9000 ft, #42 .....	all outdoor			

# Mighty Therm Models 2000-5000 (cont.)

Part No.	Description	Size	Part No.	Description	Size
20010901	Baffle with bracket (68 req).....	2000	20011305	Front tile rail assembly.....	4050 I / 3600 E
20010902	Baffle with bracket (68 req).....	2450 I / 2200 E	20011306	Front tile rail assembly.....	4500 I / 4000 E
20010903	Baffle with bracket (68 req).....	3050 I / 2800 E	20011307	Front tile rail assembly.....	5000 I / 4500 E
20010904	Baffle with bracket (102 req).....	3500 I / 3200 E	20011401	Rear tile rail assembly.....	2000
20010905	Baffle with bracket (102 req).....	4050 I / 3600 E	20011402	Rear tile rail assembly.....	2450 I / 2200 E
20010906	Baffle with bracket (102 req).....	4500 I / 4000 E	20011403	Rear tile rail assembly.....	3050 I / 2800 E
20010907	Baffle with bracket (102 req).....	5000 I / 4500 E	20011404	Rear tile rail assembly.....	3500 I / 3200 E
20032401	Baffle support strap.....	3200-5000	20011405	Rear tile rail assembly.....	4050 I / 3600 E
20081601	Flow control valve assembly.....	2000-2450	20011406	Rear tile rail assembly.....	4500 I / 4000 E
20081602	Flow control valve assembly.....	2800-3500	20011407	Rear tile rail assembly.....	5000 I / 4500 E
20081603	Flow control valve assembly.....	3600-4050	20012401	Rear closure assembly.....	2000
20081604	Flow control valve assembly.....	4500-5000	20012402	Rear closure assembly.....	2450 I / 2200 E
20305101	Water barrier.....	all	20012403	Rear closure assembly.....	3050 I / 2800 E
A0064400	Pressure relief valve 125#, 3/4".....	VW 2000	20012404	Rear closure assembly.....	3500 I / 3200 E
A0000400	Pressure relief valve 125#, 1"x1".....	VW 2200-3200	20012405	Rear closure assembly.....	4050 I / 3600 E
A0000200	Pressure relief valve 125#, 1 1/4"x1 1/4".....	VW 3500-5000	20012406	Rear closure assembly.....	4500 I / 4000 E
A0002700	Pressure relief valve 75#, 1"x1 1/4".....	HH 2000-2450	20012407	Rear closure assembly.....	5000 I / 4500 E
A0000300	Pressure relief valve 75#, 1 1/4"x1 1/2".....	HH 2800-4050	20067201	Base weldment assembly.....	2000
A2080000	Pressure relief valve 75#, 1 1/2"x2".....	HH 4500-5000	20067202	Base weldment assembly.....	2450 I / 2200 E
R2008400	Flow switch, indoor.....	all	20067203	Base weldment assembly.....	3050 I / 2800 E
RE0013000	Flow switch, outdoor.....	all	20067204	Base weldment assembly.....	3500 I / 3200 E
RA0079000	Temperature & pressure gauge.....	all	20067205	Base weldment assembly.....	4050 I / 3600 E
RE2058300	Immersion well.....	all	20067206	Base weldment assembly.....	4500 I / 4000 E
S0095300	Header gasket (2 req).....	all	20067207	Base weldment assembly.....	5000 I / 4500 E
S0095600	Flange gasket (2 req).....	all	20102101	Gas manifold weldment, single inlet.....	2000
RE2075100	Low water cutoff (opt).....	all	20102102	Gas manifold weldment, single inlet.....	2450 I / 2200 E
			20102103	Gas manifold weldment, single inlet.....	3050 I / 2800 E
			20102104	Gas manifold weldment, single inlet.....	3500 I / 3200 E
			20102601	Gas manifold weldment, dual inlet.....	2000
			20102602	Gas manifold weldment, dual inlet.....	2450 I / 2200 E
			20102603	Gas manifold weldment, dual inlet.....	3050 I / 2800 E
			20102604	Gas manifold weldment, dual inlet.....	3500 I / 3200 E
			20102605	Gas manifold weldment, dual inlet.....	4050 I / 3600 E
			20102606	Gas manifold weldment, dual inlet.....	4500 I / 4000 E
			20102607	Gas manifold weldment, dual inlet.....	5000 I / 4500 E
			10533601	Saddle assy end tile (2 req).....	all
			20002300	Tile end shield, inner.....	all
			20002600	End tile channel.....	all
			20003201	Heat shield support.....	2000
			20003202	Heat shield support.....	2450 I / 2200 E
			20003203	Heat shield support.....	3050 I / 2800 E
			20003204	Heat shield support.....	3500 I / 3200 E
			20003205	Heat shield support.....	4050 I / 3600 E
			20003206	Heat shield support.....	4500 I / 4000 E
			20003207	Heat shield support.....	5000 I / 4500 E
			20004900	Center support assembly.....	all
			20004901	End bar support assembly.....	all
			20004902	Center bar support assembly.....	all
			20005601	Center heat shield panel.....	2000
			20005602	Center heat shield panel.....	2450 I / 2200 E
			20005603	Center heat shield panel.....	3050 I / 2800 E
			20005604	Center heat shield panel.....	3500 I / 3200 E
			20005605	Center heat shield panel.....	4050 I / 3600 E
			20005606	Center heat shield panel.....	4500 I / 4000 E
			20005607	Center heat shield panel.....	5000 I / 4500 E
			20005701	Center heat shield assembly.....	2000
			20005702	Center heat shield assembly.....	2450 I / 2200 E
			20005703	Center heat shield assembly.....	3050 I / 2800 E
			20005704	Center heat shield assembly.....	3500 I / 3200 E
			20005705	Center heat shield assembly.....	4050 I / 3600 E
			20005706	Center heat shield assembly.....	4500 I / 4000 E
			20005707	Center heat shield assembly.....	5000 I / 4500 E

## TILE AND TILE ASSEMBLIES

R20052501	Complete tile assembly.....	2000
R20052502	Complete tile assembly.....	2450 I / 2200 E
R20052503	Complete tile assembly.....	3050 I / 2800 E
R20052504	Complete tile assembly.....	3500 I / 3200 E
R20052505	Complete tile assembly.....	4050 I / 3600 E
R20052506	Complete tile assembly.....	4500 I / 4000 E
R20052507	Complete tile assembly.....	5000 I / 4500 E
T2003802	End tile, left.....	all
T2003902	End tile, right.....	all
T2004002	Tile, 17".....	all
T2006402	Tile, 16".....	**
T2006502	Tile, 9".....	**
T2006602	Tile, 15.4".....	**
T2006702	Tile, 8.4".....	**
T2006802	Tile, 10.8".....	**
T2006902	Tile, 13.8".....	**
T2007002	Tile, 9.3".....	**
T2007102	Tile, 14.8".....	**

**\*\*See "Tile Assemblies" pages for quantities and placement**

## BASE / COMBUSTION CHAMBER COMPONENTS

20011001	Lower base assembly.....	2000
20011002	Lower base assembly.....	2450 I / 2200 E
20011003	Lower base assembly.....	3050 I / 2800 E
20011004	Lower base assembly.....	3500 I / 3200 E
20011005	Lower base assembly.....	4050 I / 3600 E
20011006	Lower base assembly.....	4500 I / 4000 E
20011007	Lower base assembly.....	5000 I / 4500 E
20011101	Rail support assy, end tile, left.....	all
20011102	Rail support assy, end tile, right.....	all
20011301	Front tile rail assembly.....	2000
20011302	Front tile rail assembly.....	2450 I / 2200 E
20011303	Front tile rail assembly.....	3050 I / 2800 E
20011304	Front tile rail assembly.....	3500 I / 3200 E

# Mighty Therm Models 2000-5000 (cont.)

Part No.	Description	Size	Part No.	Description	Size
20005801	Tile cover (2 req).....	2000	20011200	Control box cover top.....	all
20005802	Tile cover (2 req).....	2450 I / 2200 E	20058502	Control box cover.....	all
20005803	Tile cover (2 req).....	3050 I / 2800 E	20300600	Weldment control box.....	all
20005804	Tile cover (2 req).....	3500 I / 3200 E	20097500	Control mounting panel assembly.....	all
20005805	Tile cover (2 req).....	4050 I / 3600 E	<b>JACKET / SHEET METAL PARTS - INDOOR</b>		
20005806	Tile cover (2 req).....	4500 I / 4000 E	20006301	Upper wing front, left (2 req).....	all
20005807	Tile cover (2 req).....	5000 I / 4500 E	20006302	Upper wing front, right (2 req).....	all
20012101	Tile heat shield assembly (2 req).....	2000	20011701	Upper panel assy front & rear (2 req).....	2000
20012102	Tile heat shield assembly (2 req).....	2450 I / 2200 E	20011702	Upper panel assy front & rear (2 req).....	2450
20012103	Tile heat shield assembly (2 req).....	3050 I / 2800 E	20011703	Upper panel assy front & rear (2 req).....	3050
20012104	Tile heat shield assembly (2 req).....	3500 I / 3200 E	20011704	Upper panel assy front & rear (2 req).....	3500
20012105	Tile heat shield assembly (2 req).....	4050 I / 3600 E	20011705	Upper panel assy front & rear (2 req).....	4050
20012106	Tile heat shield assembly (2 req).....	4500 I / 4000 E	20011706	Upper panel assy front & rear (2 req).....	4500
20012107	Tile heat shield assembly (2 req).....	5000 I / 4500 E	20011707	Upper panel assy front & rear (2 req).....	5000
20090101	Burner retainer weldment.....	2000	20012201	Flue diverter assembly.....	2000
20090102	Burner retainer weldment.....	2450 I / 2200 E	20012202	Flue diverter assembly.....	2450
20090103	Burner retainer weldment.....	3050 I / 2800 E	20012203	Flue diverter assembly.....	3050
20090104	Burner retainer weldment.....	3500 I / 3200 E	20012204	Flue diverter assembly.....	3500
20090105	Burner retainer weldment.....	4050 I / 3600 E	20012205	Flue diverter assembly.....	4050
20090106	Burner retainer weldment.....	4500 I / 4000 E	20012206	Flue diverter assembly.....	4500
20090107	Burner retainer weldment.....	5000 I / 4500 E	20012207	Flue diverter assembly.....	5000
<b>JACKET / SHEET METAL PARTS - INDOOR &amp; OUTDOOR</b>			20012301	Top panel assembly.....	2000
20011501	Flue panel assy, front & rear (2 req).....	2000	20012302	Top panel assembly.....	2450
20011502	Flue panel assy, front & rear (2 req).....	2450 I / 2200 E	20012303	Top panel assembly.....	3050
20011503	Flue panel assy, front & rear (2 req).....	3050 I / 2800 E	20012304	Top panel assembly.....	3500
20011504	Flue panel assy, front & rear (2 req).....	3500 I / 3200 E	20012305	Top panel assembly.....	4050
20011505	Flue panel assy, front & rear (2 req).....	4050 I / 3600 E	20012306	Top panel assembly.....	4500
20011506	Flue panel assy, front & rear (2 req).....	4500 I / 4000 E	20012307	Top panel assembly.....	5000
20011507	Flue panel assy, front & rear (2 req).....	5000 I / 4500 E	20012501	Inside baffle assy.....	2000
20012000	Flue end assy (2 req).....	all	20012502	Inside baffle assy.....	2450
20011601	Lower panel assy front & rear (2 req).....	2000	20012503	Inside baffle assy.....	3050
20011602	Lower panel assy front & rear (2 req).....	2450 I / 2200 E	20012504	Inside baffle assy.....	3500
20011603	Lower panel assy front & rear (2 req).....	3050 I / 2800 E	20012505	Inside baffle assy.....	4050
20011604	Lower panel assy front & rear (2 req).....	3500 I / 3200 E	20012506	Inside baffle assy.....	4500
20011605	Lower panel assy front & rear (2 req).....	4050 I / 3600 E	20012507	Inside baffle assy.....	5000
20011606	Lower panel assy front & rear (2 req).....	4500 I / 4000 E	20013801	Draft hood relief baffle, right.....	2000-3500
20011607	Lower panel assy front & rear (2 req).....	5000 I / 4500 E	20013802	Draft hood relief baffle, right.....	4050
20006401	Front & rear enclosure (2 req).....	2000	20013803	Draft hood relief baffle, right.....	4500
20006402	Front & rear enclosure (2 req).....	2450 I / 2200 E	20013804	Draft hood relief baffle, right.....	5000
20006403	Front & rear enclosure (2 req).....	3050 I / 2800 E	20013805	Draft hood relief baffle, left.....	2000-3500
20006404	Front & rear enclosure (2 req).....	3500 I / 3200 E	20013806	Draft hood relief baffle, left.....	4050
20006405	Front & rear enclosure (2 req).....	4050 I / 3600 E	20013807	Draft hood relief baffle, left.....	4500
20006406	Front & rear enclosure (2 req).....	4500 I / 4000 E	20013808	Draft hood relief baffle, left.....	5000
20006407	Front & rear enclosure (2 req).....	5000 I / 4500 E	20066401	Lower rear base panel (2 req).....	2000
20004301	Front lower closure.....	2000	20066402	Lower rear base panel (2 req).....	2450
20004302	Front lower closure.....	2450 I / 2200 E	20066403	Lower rear base panel (2 req).....	3050
20004303	Front lower closure.....	3050 I / 2800 E	20066404	Lower rear base panel (2 req).....	3500
20004304	Front lower closure.....	3500 I / 3200 E	20066405	Lower rear base panel (2 req).....	4050
20004305	Front lower closure.....	4050 I / 3600 E	20066406	Lower rear base panel (2 req).....	4500
20004306	Front lower closure.....	4500 I / 4000 E	20066407	Lower rear base panel (2 req).....	5000
20004307	Front lower closure.....	5000 I / 4500 E	<b>JACKET / SHEET METAL PARTS - OUTDOOR</b>		
20016301	Lower rear closure assembly.....	2000	20017102	Rear top half panel.....	2200
20016302	Lower rear closure assembly.....	2450 I / 2200 E	20017103	Rear top half panel.....	2800
20016303	Lower rear closure assembly.....	3050 I / 2800 E	20017104	Rear top half panel.....	3200
20016304	Lower rear closure assembly.....	3500 I / 3200 E	20017105	Rear top half panel.....	3600
20016305	Lower rear closure assembly.....	4050 I / 3600 E	20017106	Rear top half panel.....	4000
20016306	Lower rear closure assembly.....	4500 I / 4000 E	20017107	Rear top half panel.....	4500
20016307	Lower rear closure assembly.....	5000 I / 4500 E	20012509	Inside baffle assy.....	2200
20011900	Upper end panel assy (2 req).....	all	20012510	Inside baffle assy.....	2800
20011800	Upper end panel assy (2 req).....	all			



# Mighty Therm Models 2000-5000 (cont.)

Part No.	Description	Size	Part No.	Description	Size
20012511	Inside baffle assy.....	3200	20015203	Rear inner baffle.....	2800
20012512	Inside baffle assy.....	3600	20015204	Rear inner baffle.....	3200
20012513	Inside baffle assy.....	4000	20015205	Rear inner baffle.....	3600
20012514	Inside baffle assy.....	4500	20015206	Rear inner baffle.....	4000
20016902	Front top half panel.....	2200	20015207	Rear inner baffle.....	4500
20016903	Front top half panel.....	2800	20022202	Inner, front, left baffle, single manifold.....	2200
20016904	Front top half panel.....	3200	20022203	Inner, front, left baffle, single manifold.....	2800
20016905	Front top half panel.....	3600	20022204	Inner, front, left baffle, single manifold.....	3200
20016906	Front top half panel.....	4000	20022002	Baffle, left, double manifold.....	2200
20016907	Front top half panel.....	4500	20022003	Baffle, left, double manifold.....	2800
20016502	Upper rear panel.....	2200	20022004	Baffle, left, double manifold.....	3200
20016503	Upper rear panel.....	2800	20022005	Baffle, left, double manifold.....	3600
20016504	Upper rear panel.....	3200	20022006	Baffle, left, double manifold.....	4000
20016505	Upper rear panel.....	3600	20022007	Baffle, left, double manifold.....	4500
20016506	Upper rear panel.....	4000	20022102	Inner, front, right baffle, double manifold....	2200
20016507	Upper rear panel.....	4500	20022103	Inner, front, right baffle, double manifold....	2800
20016602	Middle rear panel.....	2200	20022104	Inner, front, right baffle, double manifold....	3200
20016603	Middle rear panel.....	2800	20022105	Inner, front, right baffle, double manifold....	3600
20016604	Middle rear panel.....	3200	20022106	Inner, front, right baffle, double manifold....	4000
20016605	Middle rear panel.....	3600	20022107	Inner, front, right baffle, double manifold....	4500
20016606	Middle rear panel.....	4000	20069400	Baffle center strap.....	3200-4500
20016607	Middle rear panel.....	4500	20015101	Flue end assy, left.....	all
20014301	Rear end panel, left.....	all	20015102	Flue end assy, right.....	all
20014302	Rear end panel, right.....	all	20016702	Flue panel, rear.....	2200
20014601	Front end panel assy, right.....	all	20016703	Flue panel, rear.....	2800
20014602	Front end panel assy, left.....	all	20016704	Flue panel, rear.....	3200
20018002	Removable front panel assy.....	2200	20016705	Flue panel, rear.....	3600
20018003	Removable front panel assy.....	2800	20016706	Flue panel, rear.....	4000
20018004	Removable front panel assy.....	3200	20016707	Flue panel, rear.....	4500
20018005	Removable front panel assy.....	3600	20015001	Flue end ext, front left.....	all
20018006	Removable front panel assy.....	4000	20015002	Flue end ext, front right.....	all
20018007	Removable front panel assy.....	4500	20016802	Flue panel front.....	2200
20016102	Upper front panel assy.....	2200	20016803	Flue panel front.....	2800
20016103	Upper front panel assy.....	2800	20016804	Flue panel front.....	3200
20016104	Upper front panel assy.....	3200	20016805	Flue panel front.....	3600
20016105	Upper front panel assy.....	3600	20016806	Flue panel front.....	4000
20016106	Upper front panel assy.....	4000	20016807	Flue panel front.....	4500
20016107	Upper front panel assy.....	4500	20013700	Control mounting panel.....	all
20016302	Lower rear closure assy.....	2200	20017700	Rear middle standoff.....	all
20016303	Lower rear closure assy.....	2800	20017600	Upper standoff assy, front & rear.....	all
20016304	Lower rear closure assy.....	3200	20061104	Junction box cover.....	all
20016305	Lower rear closure assy.....	3600	20013001	Boiler top support assy.....	2200-2800
20016306	Lower rear closure assy.....	4000	20013002	Boiler top support assy.....	3200-3600
20016307	Lower rear closure assy.....	4500	20013003	Boiler top support assy.....	4000-4500
20016202	Lower front closure assy.....	2200	20018202	Screen retaining angle.....	2200
20016203	Lower front closure assy.....	2800	20018203	Screen retaining angle.....	2800
20016204	Lower front closure assy.....	3200	20018204	Screen retaining angle.....	3200
20016205	Lower front closure assy.....	3600	20018205	Screen retaining angle.....	3600
20016206	Lower front closure assy.....	4000	20018206	Screen retaining angle.....	4000
20016207	Lower front closure assy.....	4500	20018207	Screen retaining angle.....	4500
20017202	Upper wind baffle front & rear (2 req).....	2200	20018302	Screen retaining strap.....	2200
20017203	Upper wind baffle front & rear (2 req).....	2800	20018303	Screen retaining strap.....	2800
20017204	Upper wind baffle front & rear (2 req).....	3200	20018304	Screen retaining strap.....	3200
20017205	Upper wind baffle front & rear (2 req).....	3600	20018305	Screen retaining strap.....	3600
20017206	Upper wind baffle front & rear (2 req).....	4000	20018306	Screen retaining strap.....	4000
20017207	Upper wind baffle front & rear (2 req).....	4500	20018307	Screen retaining strap.....	4500
20017302	Middle rear wind baffle.....	2200	20018400	Front stiffener.....	all
20017303	Middle rear wind baffle.....	2800	20018602	Upper front & rear mesh screen.....	2200
20017304	Middle rear wind baffle.....	3200	20018603	Upper front & rear mesh screen.....	2800
20017305	Middle rear wind baffle.....	3600	20018604	Upper front & rear mesh screen.....	3200
20017306	Middle rear wind baffle.....	4000	20018605	Upper front & rear mesh screen.....	3600
20017307	Middle rear wind baffle.....	4500	20018606	Upper front & rear mesh screen.....	4000
20015202	Rear inner baffle.....	2200	20018607	Upper front & rear mesh screen.....	4500

# Mighty Therm

## Indoor & Outdoor (I/E) 175-5000

### Gas Orifice Size Chart

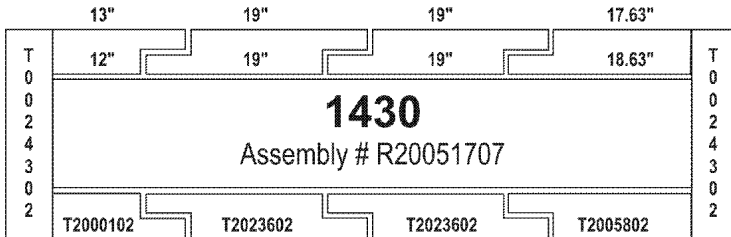
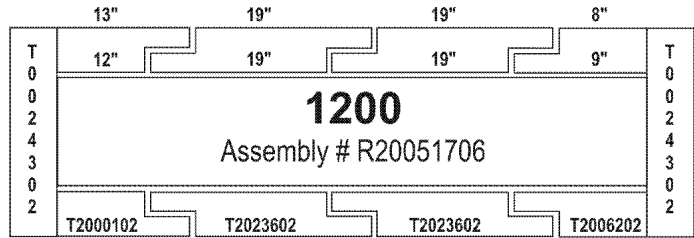
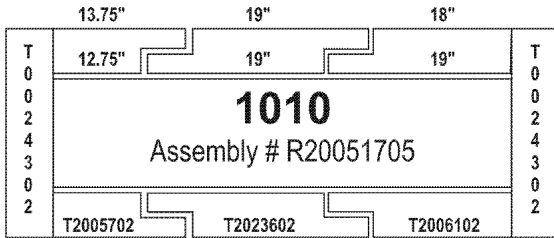
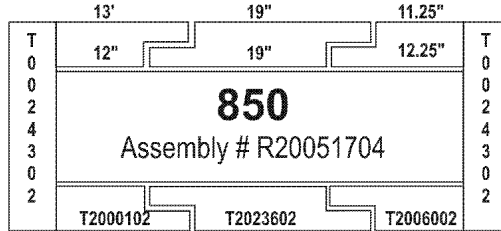
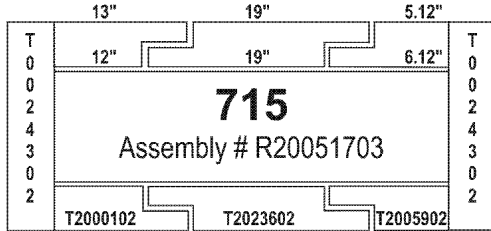
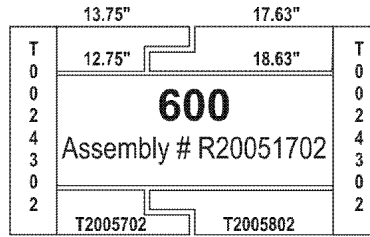
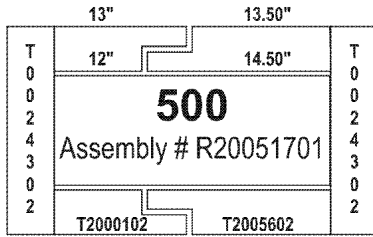
MODEL & SIZE >		INDOOR/OUTDOOR 175-400		INDOOR/OUTDOOR 500-1825		INDOOR 2000-5000		OUTDOOR 2200-4500				
GAS>		NATURAL	PROPANE	NATURAL	PROPANE	NATURAL	PROPANE	NATURAL	PROPANE			
<b>A L T I T U D E E T</b>	0-2000	L0032200 #43		L0050700 #44	L0032900 #54	L2002200 #20	L2011300 #35	L2006400 #24	L2002600 #37			
	2001-3000			L0050700 #44		L2006100 #23	L2002500 #36	L2006700 #26	L2002700 #38			
	3001-4000	L0032600 #45		L2006400 #24								
	4001-5000	L0032600 #45		L0032800 #55	L0050200 #46	L0032800 #55	L2006700 #26	L2002600 #37	L2007000 #27	L2002800 #38		
	5001-6000						L0050200 #46	L2007000 #27	L2002700 #38	L2007600 #29	L2008100 #40	
	6001-7000						L0050300 #47	L2007300 #28			L2002900 #41	
	7001-8000	L0050300 #47			L0032700 #56	L0050400 #48	L0032700 #56	L2007600 #29	L2002800 #39	L2007900 #30	L2005300 #42	
	8001-9000							L0050400 #48	L2007900 #30	L2002900 #41		
	9001-10000							L0050400 #48			<b>N/A</b> #31	L2005400 #43
10000+	L0050400 #48											

#### NUMBER OF ORIFICES

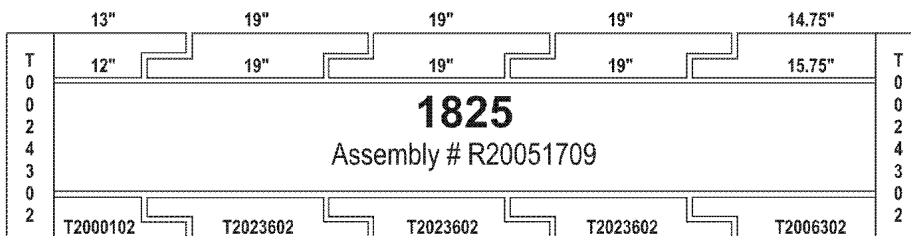
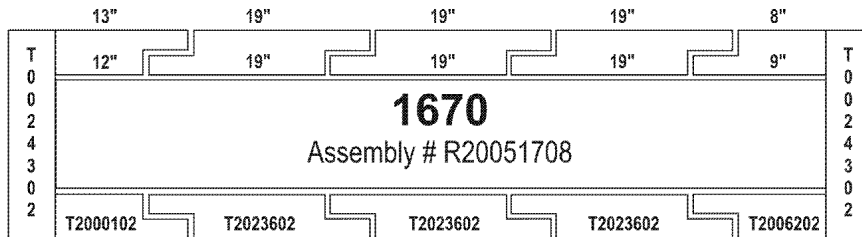
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<b>Size</b>	<b>500</b>	<b>600</b>	<b>715</b>	<b>850</b>	<b>1010</b>	<b>1200</b>	<b>1430</b>	<b>1670</b>	<b>1825</b>
Orifices	22	26	30	36	42	50	60	70	76
<b>Size</b>	<b>2000</b>	<b>2450 I 2200 E</b>	<b>3050 I 2800 E</b>	<b>3500 I 3200 E</b>	<b>4050 I 3600 E</b>	<b>4500 I 4000 E</b>	<b>5000 I 4500 E</b>		
Orifices	23	28	34	39	46	50	56		

# Tile Assemblies - Mighty Therm

## Models VW-PW-IW-HH-PH-AP 500,000 - 1,825,000

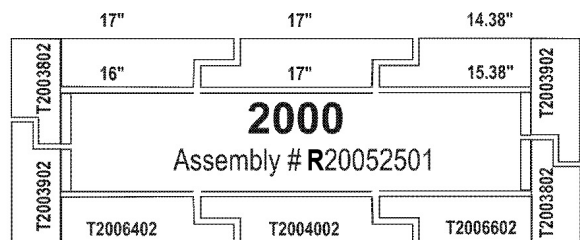
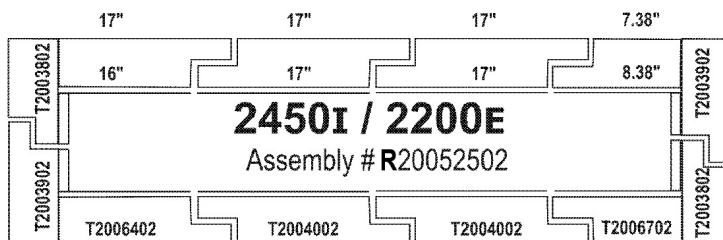
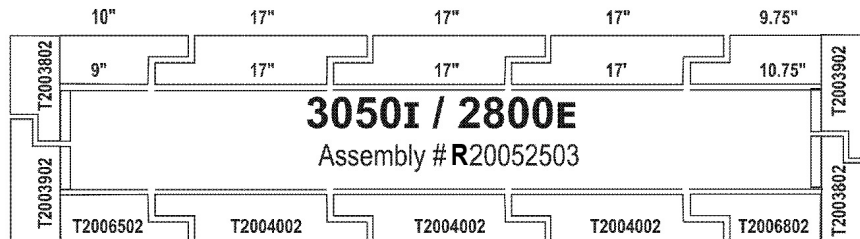
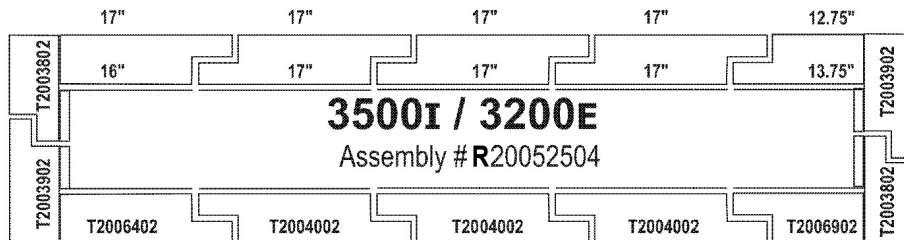
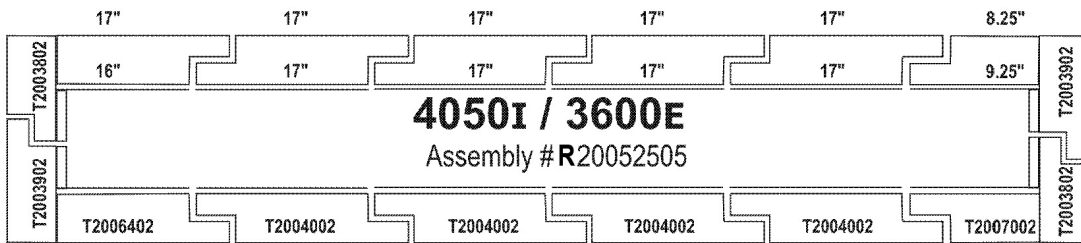
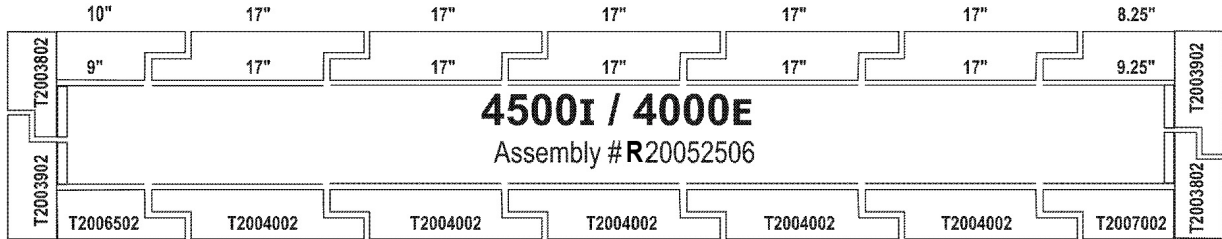
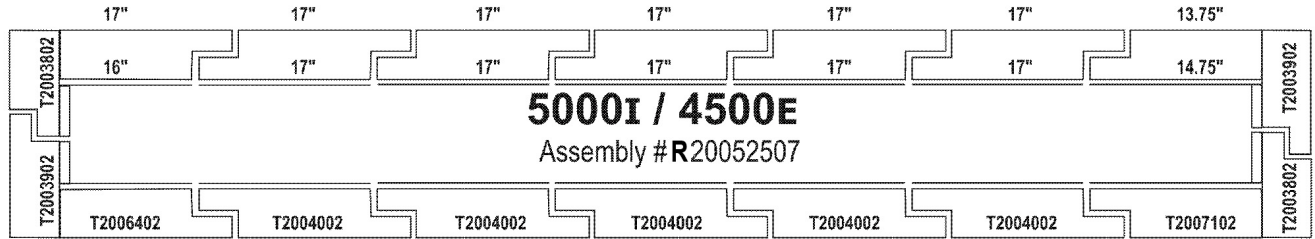


**When ordering tiles:**  
**Assy number is for all**  
**tiles. Part numbers**  
**shown at front of unit are**  
**the same for rear tiles.**



# Tile Assemblies - Mighty Therm

Models VW-HH-AP 2,000,000 - 5,000,000



I=Indoor, E=Outdoor

# Mighty Stack Models TL80 & TL00

Size 199 MBTU/h

Part No.	Description	Style**	Part No.	Description	Style**
<b>GAS / AIR COMPONENTS</b>			<b>COMBUSTION CHAMBER COMPONENTS</b>		
RV2001900	Gas valve, natural.....	both	20440202	Base weldment.....	new
R0384800	Gas valve, propane.....	both	20441200	Side panel, right top section.....	new
R2069700	Blower.....	both	20441402	Top, front section.....	new
20404607	Blower orifice plate, natural 0-5000 ft.....	both	20441600	Left support rail.....	new
20404608	Blower orifice plate, nat & LP 5001-10000 ft....	both	20441700	Right support rail.....	new
20404612	Blower orifice plate, propane 0-5000 ft.....	both	20441800	Support rail, outside right panel.....	new
L0052500	Main burner.....	both	20442100	Flue collector / heat exchanger bracket.....	new
L2010002	Gas manifold.....	both	20442401	Front panel.....	new
L0056500	Burner with pilot bracket.....	both	20442402	Rear panel.....	new
20401201	Pilot assembly, natural.....	both	20442403	Side panel, water heater.....	new
20401202	Pilot assembly, propane.....	both	20442404	Side panel, right bottom section.....	new
RW2001800	Pilot burner, natural.....	both	20442405	Top, rear section.....	new
RW2001900	Pilot burner, propane.....	both	20420100	Front and rear tile support.....	both
20420702	Burner tray assembly, natural.....	both	20421102	Burner tray weldment.....	both
20420802	Burner tray assembly, propane.....	both	20421202	Burner cover.....	both
20421102	Burner tray weldment.....	both	20425402	Flue outlet weldment.....	both
L0050700	Orifice, nat 0-2000 ft.....	both	20425802	Rear panel heat shield.....	both
L0032600	Orifice, nat 2001-5000 ft.....	both	20430602	Flue collector weldment assy.....	both
L0050300	Orifice, nat 5001-8000 ft.....	both	20440500	Heat exchanger support.....	both
L0050400	Orifice, nat 8001-10000 ft.....	both	T2008300	Side refractory.....	both
L0032900	Orifice, LP 0-5000 ft.....	both	T2008400	Rear refractory.....	both
L0032800	Orifice, LP 5001-8000 ft.....	both	T2008500	Front refractory.....	both
L0032700	Orifice, LP 8001-10000 ft.....	both	10469507	Front/rear refractory cover.....	old
<b>ELECTRICAL / CONTROL COMPONENTS</b>			20403104	Rear panel.....	old
E0016000	Temp control, 40-180°F.....	both	20404401	Left support rail.....	old
E2078000	Tank aquastat.....	both	20404402	Right support rail.....	old
RE0015900	High limit, manual reset.....	both	20406603	Front panel heat shield.....	old
R2081401	Transformer, 115/24V (50VA).....	both	20421502	Front panel weldment.....	old
R2007700	Toggle switch.....	new	20421600	Left side panel.....	old
E0088400	Blower relay DPNO.....	old	20421700	Right side panel - top section.....	old
E2074503	Fan proving switch 0-5000 ft.....	both	20421800	Right side panel - bottom section.....	old
E2074506	Fan proving switch 5001-10000 ft.....	both	20422102	Rear section top.....	old
RE2043600	Fuse, 2A, 5-piece kit.....	both	20427100	Heat exchanger support weldment.....	old
20430400	Flame rollout safety switch assy.....	both	20428100	Heat exchanger support bracket.....	old
<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>			<b>JACKET / BASE COMPONENTS</b>		
A2086100	Water tank, 80 gallon.....	both	20420502	Base weldment.....	old
A2003200	Water tank anode.....	both	20443700	Door panel.....	new
A2003300	Pressure relief valve, 125psi.....	old	20443800	Outer mounting bracket.....	new
RE2058300	Immersion well.....	both	20443900	Mounting bracket.....	new
S2006700	Gasket, water tank cleanout.....	both	20444100	Access panel.....	new
9-090	Boiler drain.....	new	20444300	Tank top panel.....	new
A2002500	Pump, Taco.....	both	20444500	Rear panel.....	new
A0095604	Pump, B&G.....	new	20444800	Right side panel.....	new
20423402	Baffle (9 per unit).....	both	20445000	Left side panel.....	new
20428500	Heat exch baffle retainer.....	old	20445300	Tank base panel.....	new
20442002	Baffle retainer / refractory cover.....	new	20444000	Anode cover plate.....	both
20440001	Piping assy.....	new	20422400	Base panel weldment.....	old
20440002	Piping assy.....	new	20422700	Right side panel.....	old
20440003	Piping assy.....	new	20422800	Left side panel.....	old
20440004	Piping assy.....	new	20424000	Rear panel.....	old
20440005	Piping assy.....	new	20426000	Mounting bracket.....	old
20440006	Piping assy - applicable to Taco pump.....	new	20428200	Access panel.....	old
20427901	Tank plumbing assy - union/elbow.....	old	20421202	Burner cover.....	both
20427902	Tank plumbing assy - heater outlet elbow.....	old	20427302	Control box weldment.....	old
20427903	Tank plumbing assy - pump to heater inlet.....	old	20429300	Control box cover.....	old
20427904	Tank plumbing assy - tank to pump.....	old	<b>** "New" style Mighty Stack after s/n '99J</b>		
20427905	Tank plumbing assy - heater outlet to tank.....	old			
A2087600	Access handle.....	both			



# Mighty Stack Model MS

## Sizes 199, 300, and 399 MBTU/h

Part No.	Description	Size	Part No.	Description	Size
<b>GAS / AIR COMPONENTS</b>			<b>COMBUSTION CHAMBER COMPONENTS</b>		
V0079400	Gas valve, natural.....	all	S0076401	Flange, 1½"NPT.....	all
V0079500	Gas valve, propane.....	all	S0076500	Flange gasket.....	all
RE0254000	Blower.....	all	RA0001200	Pressure relief valve, 125psi.....	all
S2104400	Blower gasket.....	all	RE0013000	Water flow switch.....	all
S2104500	Blower duct gasket.....	all	E2105400	Water flow switch paddle.....	all
2C5000	Air shutter assembly.....	all	E0234201	Immersion well, high limit.....	all
L0063300	Main burner.....	all	RE2058300	Immersion well, temp control.....	all
S2104300	Burner gasket.....	all	RA2112200	Circulator, normal water, Taco.....	all
RW2002300	Ignitor with gasket.....	all	A0095704	Circulator, normal water, Grundfos.....	all
10-332	Ignitor gasket.....	all	RA2112212	Circulator, soft water, Taco.....	all
L0062900	Orifice, natural.....	all	A0095604	Circulator, soft water, Grundfos.....	all
L0063000	Orifice, propane.....	all	2C4001	Header mount assembly.....	all
L0063414	Gas manifold.....	199	2C4002	Baffle, end, heat exchanger tube.....	all
L0063416	Gas manifold.....	300	<b>COMBUSTION CHAMBER COMPONENTS</b>		
L0063418	Gas manifold.....	399	R10956000	Site glass assembly.....	all
L0063702	Gas manifold, weldment, main.....	199	2C2002	Panel, side, top, comb.chamber.....	all
L0063703	Gas manifold, weldment, main.....	300	2C2015	Panel, left side, air box.....	all
L0063704	Gas manifold, weldment, main.....	399	2C2016	Panel, right side, air box.....	all
40L3800	Filter assembly.....	all	2C2201	Panel, right comb. chamber.....	all
R2073200	Filter media.....	all	2C2601	Panel, left, comb. chamber.....	all
S2104600	Flue housing gasket.....	all	2C2300	Flue weldment.....	all
RD0091205	Flexible hose duct, 4" dia.....	199	2C2500	Blower duct weldment.....	all
RD0091206	Flexible hose duct, 4" dia.....	300	2C1000	Base assembly.....	199
RD0091207	Flexible hose duct, 4" dia.....	399	3C1000	Base assembly.....	300
<b>ELECTRICAL / CONTROL COMPONENTS</b>			4C1000	Base assembly.....	399
E2324200	High temperature limit switch.....	all	2C2001	Panel, top, comb. chamber.....	199
E2103200	High limit, manual reset.....	199	3C2001	Panel, top, comb. chamber.....	300
E0253400	Ignition control.....	all	4C2001	Panel, top, comb. chamber.....	399
E0180500	Transformer.....	all	2C2006	Panel, rear, comb. chamber.....	199
R2007700	Switch, on/off.....	all	3C2006	Panel, rear, comb. chamber.....	300
R2015000	Toggle switch.....	all	4C2006	Panel, rear, comb. chamber.....	399
RE2322700	Switch, rocker.....	all	2C2008	Panel, top, air box.....	199
RE2077700	Relay, time delay.....	all	3C2008	Panel, top, air box.....	300
R2076600	Pressure switch, SPST.....	all	4C2008	Panel, top, air box.....	399
RE0240900	Pressure switch, SPDT.....	all	2C2009	Panel, front, air box.....	199
<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>			3C2009	Panel, front, air box.....	300
A2116800	Tank, 80 gallons	all	4C2009	Panel, front, air box.....	399
A2116801	Tank, 80 gallons, ASME	all	2C2017	Spacer plate, burner/manifold.....	199
R2C4100	Tube assembly, copper.....	199	3C2017	Spacer plate, burner/manifold.....	300
R3C4100	Tube assembly, copper.....	300	4C2017	Spacer plate, burner/manifold.....	399
R4C4100	Tube assembly, copper.....	399	2C2019	Support, tile notch.....	199
R2C4120	Tube assembly, cupro-nickel.....	199	3C2019	Support, tile notch.....	300
R3C4120	Tube assembly, cupro-nickel.....	300	4C2019	Support, tile notch.....	399
R4C4120	Tube assembly, cupro-nickel.....	399	2C2023	Panel, front, comb. chamber.....	199
20L4230	Heat exchanger, complete, copper.....	199	3C2023	Panel, front, comb. chamber.....	300
30L4230	Heat exchanger, complete, copper.....	300	4C2023	Panel, front, comb. chamber.....	399
40L4230	Heat exchanger, complete, copper.....	399	2C2100	Exhaust vent assembly.....	199
20L4240	Heat exchanger, complete, cupro-nickel.....	199	3C2100	Exhaust vent assembly.....	300
30L4240	Heat exchanger, complete, cupro-nickel.....	300	4C2100	Exhaust vent assembly.....	399
40L4240	Heat exchanger, complete, cupro-nickel.....	399	T2015808	Insulation kit.....	199
2C4103	Header, return.....	all	T2015809	Insulation kit.....	300
2F4122	Header, inlet/outlet.....	all	T2015810	Insulation kit.....	399
R0050801	Gasket, HX, set of 20.....	all	T2108802	Refractory, heat exchanger.....	199
S0070800	Gasket, HX (qty 1).....	all	T2108803	Refractory, heat exchanger.....	300
			T2108804	Refractory, heat exchanger.....	399

# Mighty Stack Model MS (cont.)

Part No.	Description	Size	Part No.	Description	Size
<b>JACKET / BASE COMPONENTS</b>			20L2510	Air inlet weldment.....	199-300
20087300	Latch, door.....	all	40L2510	Air inlet weldment.....	399
40L2001	Corner support, lower.....	all	20L3007	Panel, jacket, rear lower.....	199
40L2002	Corner support, upper left.....	all	30L3007	Panel, jacket, rear lower.....	300
40L2003	Corner support, upper right.....	all	40L3007	Panel, jacket, rear lower.....	399
40L3003	Panel, jacket, top/bottom.....	all	20L3013	Panel, jacket, top.....	199
40L3008	Panel, jacket, right lower.....	all	30L3013	Panel, jacket, top.....	300
40L3009	Panel, jacket, left lower.....	all	40L3013	Panel, jacket, top.....	399
40L3010	Panel, jacket, right middle.....	all	20L3015	Panel, jacket, rear.....	199
40L3011	Panel, jacket, left upper.....	all	30L3015	Panel, jacket, rear.....	300
40L3701	Panel, filter inlet cover.....	all	40L3015	Panel, jacket, rear.....	399
20L1000	Base/support assembly.....	199	20L3025	Panel, jacket, front brace.....	199
30L1000	Base/support assembly.....	300	30L3025	Panel, jacket, front brace.....	300
40L1000	Base/support assembly.....	399	40L3025	Panel, jacket, front brace.....	399
20L1200	Base weldment, upper level.....	199	20L3100	Panel, jacket, front, lower.....	199
30L1200	Base weldment, upper level.....	300	30L3100	Panel, jacket, front, lower.....	300
40L1200	Base weldment, upper level.....	399	40L3100	Panel, jacket, front, lower.....	399
20L7002	Control panel.....	199	20L3101	Panel, jacket, front, upper.....	199
30L7002	Control panel.....	300	30L3101	Panel, jacket, front, upper.....	300
40L7002	Control panel.....	399	40L3101	Panel, jacket, front, upper.....	399

## Mighty Therm Lo-NOx Sizes 250 & 400 MBTU/h

Part No.	Description	Size	Part No.	Description	Size
<i>Replacement parts for these units are limited.</i>					
R0050800	Tube assembly gaskets (package of 18).....	both	R0360500	Blower.....	both
R0095503	Tube assembly.....	250	R0408200	Ignition module.....	both
R0095505	Tube assembly.....	400	S0076500	1½" flange gasket.....	both
R0325303	Tile kit.....	250	V0077200	Gas valve.....	both
R0325305	Tile kit.....	400	R0317200	Ignitor.....	both

## Mighty Therm Lo-NOx Sizes 500-1,825 MBTU/h

Part No.	Description	Size	Part No.	Description	Size
<i>Replacement parts for these units are limited.</i>					
BR665901	Tube assembly, copper.....	500	RE2107300	Ignition module.....	all
BR665903	Tube assembly, copper.....	715	RW2002300	Ignitor.....	all
BR665905	Tube assembly, copper.....	1010	S0063700	2½" flange gasket.....	all
BR665906	Tube assembly, copper.....	1200	S0095100	Header gasket (2 req).....	all
BR665907	Tube assembly, copper.....	1430	V0077200	Combination valve.....	500-715
BR665909	Tube assembly, copper.....	1825	RV0046700	Safety valve.....	1010-1430
L0057700	Burner.....	all	V0047600	Combination valve.....	1010-1430
S0108400	Burner gasket.....	all	V0046800	Safety valve.....	1825
R20607600	Pump housing, glassed.....	all	RV0047700	Combination valve.....	1825
RE2077700	Pump time delay relay.....	all			

# Summit

## Models SMB & SMW

Part No.	Description	Model	Part No.	Description	Model
<b>GAS / AIR COMPONENTS</b>			2400-387	Pump.....	SMB
2400-134	Gas valve.....	all	<b>VENTING COMPONENTS</b>		
2400-131	Venturi & gaskets.....	all	2400-100	Wall flange.....	all
2400-133	Blower.....	all	2400-102	Intake terminal.....	all
2400-135	Burner.....	all	2400-104	Exhaust (flue) terminal.....	all
2400-138	Ignitor/flame sensor assy.....	all	<b>FIELD SERVICE KITS</b>		
R20607700	Exhaust assy CPVC - with tee and elbow.....	all	<b>2400-137</b>	Gasket kit.....	all
<b>ELECTRICAL / CONTROL COMPONENTS</b>			Contains the following parts:		
2400-556	Sensor, boiler flow.....	all	10-135	Gasket, exhaust	
2400-055	Safety limit.....	all	10-224	O-ring #035	
2400-023	Transformer, control, molex cable.....	all	10-226	O-ring #144	
2400-058	Flue overheat thermostat (limit).....	all	10-672	Gasket, burner (2)	
2400-106	Differential pressure switch.....	all	30-192	Gasket, ignitor (2)	
<b>WATERWAY / COMPONENTS</b>			S2100900	Gasket, fan	
2400-316	Pressure relief valve, 50 psi.....	SMB	S2101100	Gasket, venturi to fan	
2400-095	Pressure relief valve, 150 psi.....	SMW	S2101300	Sealing ring w/ screws	
2400-097	Pressure relief valve, 125 psi.....	SMB	<b>PROPANE CONVERSION KIT</b>		
2400-130	Thermostat kit, 140°F.....	all	2400-140	Propane conversion kit.....	all
2400-574	Pressure gauge, 0-75 psi.....	SMB			
2400-150	Pressure gauge, 0-300 psi.....	SMW			

# Mark II Models 9600 CB & HWG

Sizes 150-250 MBTU/h

Part No.	Description	Size	Part No.	Description	Size
<b>GAS / AIR COMPONENTS</b>			2400-097	Pressure relief valve, 125 psi ASME, CB.....	250
2400-014	Gas valve.....	150-200	2400-095	Pressure relief valve, 150 psi ASME, HWG.....	250
2400-310	Blower with gaskets.....	250	2400-392	Temperature gauge, HWG.....	all
2400-082	Burner with gaskets.....	all	2400-394	Pressure & temperature gauge, CB.....	all
2400-048	Igniter w/ gasket (before 391-127 / 791-045)....	all	2400-029	Thermostat with o-ring.....	all
2400-286	Igniter w/ gask (391-127 / 791-045 & after).....	all	2400-130	Thermostat element 140°F.....	all
2400-290	Orifice kit, natural.....	150	10-052	Manifold gasket.....	all
2400-288	Orifice kit, propane.....	150	<b>COMBUSTION CHAMBER COMPONENTS</b>		
2400-294	Orifice kit, natural.....	175	2400-144	Chamber seals & gasket kit.....	all
2400-292	Orifice kit, propane.....	175	R2061200	Kit, washer, spring, gaskets.....	all
2400-298	Orifice kit, natural.....	200	<b>VENTING COMPONENTS</b>		
2400-296	Orifice kit, propane.....	200	2400-100	Wall flange.....	all
2400-299	Orifice kit, natural.....	250	2400-102	Intake terminal.....	all
2400-297	Orifice kit, propane.....	250	2400-104	Exhaust terminal.....	all
2400-050	Green washer kit (flange bolt stud repair).....	all	R20607700	Exhaust vent assembly.....	all
<b>ELECTRICAL / CONTROL COMPONENTS</b>			<b>SERVICE KITS</b>		
2400-012	Control board (before 391-106 / 791-039).....	all	<b>2400-376</b>	Field service kit.....	all
2400-224	Control board (after 391-105 / 791-038).....	all	<i>Contains the following:</i>		
2400-018	Op. control (before 391-106 / 791-039).....	all	2400-018	Operating limit, strap-on	
2400-056	Operating control, 210°F, CB.....	all	2400-058	Intake / exhaust TCO	
2400-057	Operating control, 185°F, HWG.....	all	2400-062	Time delay relay, thermodisc	
2400-006	Transformer, 40VA.....	all	2400-130	Thermostat element 140°F	
2400-060	R-1 relay (before 391-106 / 791-039).....	all	2400-224	Control board (after 391-105 / 791-038)	
2400-010	R-2 relay (before 391-106 / 791-039).....	all	2400-282	Silicone sealant, small tube	
2400-055	Safety limit (after 397-0244 / 797-0516).....	all	2400-286	Igniter with gasket (391-127 / 791-045 & after)	
2400-020	Combustion TCO.....	all	2400-322	Gasket kit	
2400-058	Intake / exhaust TCO.....	all	<b>2400-322</b>	Gasket kit.....	all
2400-062	Time delay relay, thermodisc.....	all	<i>Contains the following:</i>		
2400-106	Pressure differential switch.....	250	1-254	Blower inlet gasket	
2400-110	Stack switch.....	all	10-135	Exhaust gasket	
<b>WATERWAY / HEAT EXCHANGER COMPONENTS</b>			10-224	O-ring, #035 brass ring seal	
2400-386	Pump, cast iron, CB.....	150-200	10-226	O-ring, #144 cover seal	
2400-387	Pump with tapped flange, cast iron, CB.....	250	10-332	Igniter gasket	
2400-388	Pump, bronze, HWG.....	150-200	10-672	Burner gasket	
2400-316	Pressure relief valve, 50 psi, CB.....	all			
2400-096	Pressure relief valve, 125 psi, CB.....	150-200			

# Laars UHE

## Models 60 & 100 & 120 - Sizes 125-500 MBTU/h

Part No.	Description	Model	Size	Part No.	Description	Model	Size
<b>GAS / AIR COMPONENTS</b>				265-46024-00	Burner ass'y pre XC*****	100	250-399
243-43368-01	Gas valve assy nat pre CH8167947.....	60	199	265-46024-00	Burner ass'y XC***** & after.....	60-100	125-300
243-43757-01	Gas valve assy LP pre CJ8189592.....	60	199	243-54057-00	Burner assembly.....	120	400
243-43368-03	Gas valve assy nat pre CH8129547.....	100	250-300	243-54059-00	Burner assembly.....	120	500
243-43757-03	Gas valve assy LP pre CH8129547.....	100	250-300	239-53027-00	Burner mounting assembly.....	120	400
243-46007-01	Gas valve assy nat CJ8233355 to GB13006173.....	60	125-150	239-53028-00	Burner mounting assembly.....	120	500
243-46008-01	Gas valve assy LP CJ8233355 to GB13006173.....	60	125-150	239-45659-00	Baffle 2" flue (8 req).....	60	125-199
243-46007-02	Gas valve assy nat CH8167946 to GB13006173.....	60	199	243-43304-00	Baffle 4" flue (2 req).....	60	125-199
243-46008-02	Gas valve assy LP CH8189591 to GB13006173.....	60	199	239-45658-00	Baffle 2" flue (8 req).....	100	150-300
243-46007-03	Gas valve assy nat CH8129546 to GB13006173.....	100	250-300	239-45658-00	Baffle 2" flue (19 req).....	120	400-500
243-46007-04	Gas valve assy nat CJ8289531 to GB13006173.....	100	250-300	239-46099-00	Baffle 4" flue (2 req).....	100	399
243-46008-03	Gas valve assy nat CH8129546 to GB13006173.....	100	250-300	243-43304-00	Baffle 4" flue (2 req).....	100	199-300
243-46008-04	Gas valve assy LP CJ8233355 to GB13006173.....	100	250-300	239-53876-00	Baffle 4" flue (1 req).....	120	400-500
243-46007-01	Gas valve assy nat GB13006174 to XB*****.....	60	125	239-53308-00	Baffle 5" flue (2 req).....	120	400-500
243-46008-01	Gas valve assy LP GB13006174 to XB*****.....	60	125	239-40579-00	Elbow, vent terminal (2 req).....	60-100	125-399
243-46007-02	Gas valve assy nat GB13006174 to XB*****.....	60	150-199	239-43997-00	Exhaust escutcheon.....	60-100	125-399
243-46008-02	Gas valve assy LP GB13006174 to XB*****.....	60	150-199	239-53037-00	Exhaust connector.....	120	400-500
243-46007-03	Gas valve assy nat GB13006174 to XB*****.....	100	250	239-53384-00	Exhaust coupler.....	120	400-500
243-46008-03	Gas valve assy LP GB13006174 to XB*****.....	100	250	239-45971-00	Exhaust pipe (PVC) with hose barb.....	60-100	125-300
243-46007-04	Gas valve assy nat GB13006174 to XB*****.....	100	300	239-53440-00	Vent terminal, exhaust pre Jan 2021....	120	400-500
243-46008-04	Gas valve assy LP GB13006174 to XB*****.....	100	300	239-53439-00	Vent terminal, intake pre Jan 2021....	120	400-500
243-54040-01	Gas valve assy nat XC***** and after.....	60-100	125-300	239-53455-00	Vent terminal, in/ex Jan 2021 & after....	120	400-500
243-54041-01	Gas valve assy LP XC***** and after.....	60-100	125-300	239-46740-00	Coupling vent term XC***** & after.....	60-100	125-300
243-46151-01	Gas valve assy nat.....	100	399	239-44069-01	Coaxial vent terminal, 3".....	60-100	125-399
243-46151-02	Gas valve assy LP.....	100	399	239-46147-00	Assembly air inlet piping.....	100	399
243-53478-01	Gas valve assy nat.....	120	400	239-43364-01	Inlet tube (PVC).....	60-100	125-300
243-53478-02	Gas valve assy LP.....	120	400	239-53439-00	Intake vent terminal.....	120	400-500
243-53479-01	Gas valve assy nat.....	120	500	239-43201-00	Weldment, blower transition.....	60-100	125-300
243-53479-02	Gas valve assy LP.....	120	500	239-40902-00	Reducer 2"x3" flex.....	60-100	125-300
243-45517-00	Gas regulator (opt).....	60	125-199	239-43454-00	Collector cover second pass pre XC*****.....	60-100	125-399
243-45517-00	Gas regulator (opt).....	100	150-300	239-52975-00	Collector cover second pass XC***** & after.....	60-100	125-300
243-53497-00	Gas piping assembly.....	120	400-500	239-43261-00-01	Comb surr top (before x/n AB).....	100	150-399
265-45624-00	Burner with gasket pre XC*****.....	60-100	125-199	239-51296-02	Comb surr base XC***** & after.....	60-100	125-300
265-46019-00	Burner with gasket pre XC*****.....	100	250-300	239-54053-00	Transition Tube Blower to Burner.....	120	400
265-53033-00	Burner with gasket XC***** & after.....	60-100	125-300	239-54064-00	Transition Tube Blower to Burner.....	120	500
228-53033-00	Burner with gasket.....	120	400	239-43197-00	Gasket, burner mounting insert.....	60-100	125-399
228-53399-00	Burner with gasket.....	120	500	239-53301-00	Gasket, burner (2 required) pre Jan 2021.....	120	400
265-46023-00	Burner ass'y pre XC*****.....	60-100	125-199	239-54054-00	Gasket, burner (2 required) Jan 2021 & after.....	120	400
				239-53304-00	Gasket, burner (2 required) pre Jan 2021.....	120	500
				239-54055-00	Gasket, burner (2 required) Jan 2021 & after.....	120	500
				239-43241-00	Gasket blower transition.....	60-100	125-399
				239-43241-00	Gasket blower transition.....	120	400
				239-53444-00	Gasket blower transition.....	120	500
				239-53445-00	Gasket, combustion assembly.....	120	400-500
				239-53064-00	Gasket, venturi.....	120	500
				239-51397-00	Gasket, venturi.....	120	400
				239-44654-00	Gasket venturi to blower.....	60-100	125-300
				239-43370-00	Gasket, hot surface ignitor.....	60-120	125-500
				239-43371-00	Gasket flame sensor.....	60-120	125-500
				239-53982-00	Gasket spark rod.....	120	400-500
				239-51397-00	O-ring venturi to blower.....	100	399
				239-43246-00	Burner mounting gasket.....	60-100	125-399
				239-43167-00	Burner mounting insert.....	60-100	125-399

# Laars UHE (cont.)

Part No.	Description	Model	Size	Part No.	Description	Model	Size
<b>BLOWERS</b>				239-54006-00	Spark rod Jan 2021 & after.....	120	400
415-51225-00	Blower w/ harness & gaskets pre serial number XC*****.....	60	125-150	233-53079-00	Spark rod pre Jan 2021.....	120	500
415-48922-00	Blower w/ harness & gaskets pre serial number XC*****.....	60	199	233-54007-00	Spark rod Jan 2021 & after.....	120	500
415-48922-00	Blower w/ harness & gaskets serial number XC***** and after.....	60-100	125-300	264-54000-00	Spark generator.....	120	400-500
415-51225-00	Blower w/ harness & gaskets pre serial number XC*****.....	100	150	233-43346-00	Transformer pre XC*****.....	60-100	125-399
415-48922-00	Blower w/ harness & gaskets pre serial number XC*****.....	100	199-300	233-50559-00	Transformer XC***** & after.....	60-100	125-300
415-51310-00	Blower w/ harness & gaskets pre serial number XC*****.....	100	399	233-50559-00	Transformer.....	120	400-500
239-51310-00	Blower w/ harness & gaskets pre Jan 2021.....	120	400	233-41346-00	Termostat board.....	60-100	125-399
415-51310-00	Blower w/ harness & gaskets Jan 2021 & after.....	120	400	239-43234-00	Main power switch.....	60-100	125-399
239-53065-00	Blower w/ harness & gaskets pre Jan 2021.....	120	500	239-50586-00	Main power switch.....	120	400-500
415-53065-00	Blower w/ harness & gaskets Jan 2021 & after.....	120	500	239-43235-00	Knob, temp control.....	60-100	125-399
<b>EXHAUST PRESSURE SWITCHES</b>				233-82054-00	Temp control potentiometer.....	60-100	125-399
265-45222-04	Switch kit (before x/n AA).....	60	125	239-46229-00	Power anode module.....	60-120	125-500
265-45222-03	Switch kit (before x/n AA).....	60	150	239-44466-00	Power cord.....	60-100	125-399
239-44723-04	EPS (s/n AA thru CE7818522).....	60	125	239-80112-00	Ground terminal.....	60-100	125-399
239-44723-03	EPS (s/n AA thru CE7818522).....	60	150	239-43238-02	Resettable limit switch.....	60-100	125-399
239-44723-01	EPS (s/n AA thru CE7818522).....	60	199	239-43238-03	Resettable limit switch.....	120	400-500
239-46037-01	EPS CE7818522-XC*****.....	60	125-199	239-44724-01	Vacuum sw-intake (pre CE7818523)....	60	125-399
265-45222-01	Switch kit (before x/n AA).....	100	150	239-82034-00	Temperature sensor pre XC*****.....	60-100	125-399
239-44723-05	EPS before CE7818522).....	100	250-300	239-46553-02	Temperature sensor XC***** & after...	60-100	125-300
239-46037-01	EPS after XC*****.....	60-100	125-300	239-80373-00	Terminal strip.....	60-100	125-399
239-46037-01	EPS.....	120	400-500	239-50887-00	Cable, high voltage spark XC***** & after.....	60-100	125-300
<b>ELECTRICAL / CONTROL COMPONENTS</b>				239-50887-00	Cable, high voltage spark pre Jan 2021.....	120	400-500
233-46045-00	Control module pre XC*****.....	60-100	125-399	239-53456-00	Cable, high voltage spark Jan 2021 & after.....	120	400-500
233-53554-00	Control module pre Jan 2021.....	120	400	239-38951-59	Wire, flame sensor.....	60-100	125-399
415-54072-01	Control module Jan 2021 & after.....	120	400	239-43292-00	Wire harness, blower.....	60-100	125-399
233-53470-00	Control module pre Jan 2021.....	120	500	239-48170-00	Wire harness, blower modulation.....	60-120	125-500
233-54072-02	Control module Jan 2021 & after.....	120	500	239-48617-00	Wire harness, blower power.....	60-100	125-300
415-54156-01	Control module XC***** & after.....	60	125-199	239-53465-00	Wire harness, blower power pre Jan 2021.....	120	400-500
415-54156-01	Control module XC***** & after.....	100	150	239-53931-00	Wire harness, blower power Jan 2021 & after.....	120	400-500
415-51229-00	Control module XC***** & after.....	100	199	239-43290-00	Wire harness, control after CE7818522.....	60-100	125-399
415-54156-01	Control module XC***** & after.....	100	250-300	239-48168-00	Wire harness, display to control XC***** & after.....	60-100	125-300
243-54158-00	Control Box & Wiring XC***** & after..	60-100	125-199	239-48237-00	Wire harn, flame sense XC***&after....	60-100	125300
243-54158-00	Control Box & Wiring XC***** & after..	100	150	239-48237-00	Wire harness, flame sensor.....	120	400-500
243-54004-00	Control Box & Wiring XC***** & after..	100	199	239-43571-00	Wire harness, gas valve rectifier XC***** & after.....	60	125-199
243-54158-00	Control Box & Wiring XC***** & after..	100	250-300	239-43571-00	Wire harness, gas valve rectifier.....	100	150-300
243-54058-01	Control panel assembly.....	120	400	239-50266-00	Wire harness, gas valve.....	100	399
243-54058-02	Control panel assembly.....	120	500	239-53461-00	Wire harness, gas valve.....	120	400-500
415-48231-00	Display w/ harness pres XC*****.....	60-100	125-399	239-53460-00	Wire harness, ignition control pre Jan 2021.....	120	400-500
415-54047-00	Display XC***** & after.....	60-100	125-300	239-53930-00	Wire harness, ignition control Jan 2021 & after.....	120	400-500
243-51213-00	Display assembly.....	120	400-500	239-46070-00	Wire harness, power anode.....	60-100	125-399
415-53943-00	BMS Gateway Kit.....	120	400-500	239-46247-00	Powered anode control harness XC***** & after.....	60-100	125-300
243-43288-00	Ignition control assembly.....	60	125-199	239-46247-00	Powered anode control harness.....	100	399
243-46249-00	Ignition control assembly.....	100	399	239-43347-00	Wire harness, power switch.....	60-100	125-399
415-45543-00	Hot surface igniter w/ gasket.....	60-100	125-399	239-53459-00	Wire harness, power switch.....	120	400-500
415-43232-00	Flame sensor w/ gasket.....	60-100	125-399	239-48171-00	Wire harness, power cord XC***** & after.....	60-100	125-300
415-43232-00	Flame sensor w/ gasket.....	120	400	239-53464-00	Wire harness, power cord.....	120	400-500
415-53438-00	Flame sensor w/ gasket.....	120	500	239-43358-02	Wire harness, service panel.....	60	125-199
415-46481-00	Spark rod & gasket XC***** & after....	60-100	125-300	239-43358-01	Wire harness, service panel.....	100	150-399
233-53078-00	Spark rod pre Jan 2021.....	120	400	239-43291-00	Wire harness, thermostat & ECO.....	60-100	125-399



# Laars UHE (cont.)

Part No.	Description	Model	Size	Part No.	Description	Model	Size
239-48587-00	Wire harness, T-stat sensor			239-43211-00	Condensate elbow.....	60-100	125-300
	XC***** & after.....	60-100	125-300	239-46227-00	Condensate elbow.....	100	399
239-53458-00	Wire harness, T-stat sensor.....	120	400-500	239-53041-00	Condensate elbow.....	120	400-500
239-53961-00	Wire harness, low fire start.....	60-100	125-300	239-53385-00	Condensate coupler.....	120	400-500
239-38951-88	Ground Wire.....	60-100	125-300	<b>MISC. HARDWARE / JACKET COMPONENTS</b>			
239-51994-00	Ground Wire.....	60-100	125-300	239-43268-00	Control mounting panel pre XC***** ....	60-100	125-399
239-51994-00	Ground Wire.....	120	400	239-50514-00	Control mounting panel XC** & after....	60-100	125-300
239-53462-00	Ground Wire.....	120	500	239-50514-00	Control mounting panel.....	120	400-500
239-38951-91	Ground Wire.....	120	400-500	239-50508-00	Display mount.....	120	400-500
239-38951-90	Spark rod ground wire.....	120	400-500	239-80281-03	Pressure switch cover.....	120	400-500
<b>WATERWAY COMPONENTS</b>				239-43239-00	Keeper latch & catch.....	60-100	125-399
233-46558-01	Sensor well.....	60-120	125-500	239-81844-00	Keps nut.....	60-100	125-399
230-30246-00	T&P relief valve.....	60	125-199	239-80982-00	Nipple plastisert 1"NPTx2-1/2"		
230-30246-00	T&P relief valve.....	100	150-199		XC***** & after.....	60-100	125-300
230-33630-04	T&P relief valve.....	100	250-399	239-80982-00	Nipple plastisert 1"NPTx2-1/2"		
230-33630-04	T&P relief valve.....	120	400-500		pre XC***** .....	100	250-399
229-50053-02	T&P nipple.....	120	400-500	239-22263-00	Nut #4-40 hex depts (2 req).....	100	399
227-48070-01	Drain valve pre XC***** .....	60-100	125-399	239-47305-02	Ring combustion surround		
265-42351-02	Drain valve XC***** & after.....	60-100	125-300		XC***** & after.....	60-100	125-300
227-48070-02	Drain valve.....	120	400-500	239-53581-00	Surround with Latches.....	120	400-500
224-47782-13	Anode rod, magnesium (4 req).....	60	125-199	239-53848-00	Hex Nut F ange 1/4-20 (9 reqd).....	120	400-500
224-38508-06	Anode rod, aluminum (4 req).....	60	125-199	239-43297-00	Nut hex washer.....	60-120	125-500
224-47782-08	Anode rod, magnesium (1 req).....	100	150-399	239-80029-00	Nut 8-32 keps.....	60-100	125-300
224-38508-07	Anode rod, aluminum (4 req).....	100	150-300	239-53773-00	Cone Washer (9 reqd).....	120	400-500
224-46075-00	Power anode 2req.....	100	399	243-43278-00	Outer door serv panel (before AA).....	60	125-199
224-53839-00	Power anode 2req s/n XC**& after.....	60-100	125-300	243-44668-00	Outer door (after s/n ZM).....	60	125-199
224-46075-00	Power anode 2req pre Jan 2021.....	120	400-500	243-44668-00	Outer door XC***** & after.....	60-100	125-300
224-53839-00	Power anode 2req Jan 2021 & after....	120	400-500	239-46148-00	Outer door pre XC***** .....	100	399
205-18427-00	Cleanout gasket.....	60-120	125-500	239-53487-00	Service Door Right.....	120	400-500
205-32942-00	Cleanout gasket ASME.....	60-120	125-500	239-53486-00	Service Door Left.....	120	400-500
205-18428-00	Cleanout cover.....	60-120	125-500	239-46061-00	Screw #4-40x3/8 RHCR (2 req).....	100	399
205-32941-00	Cleanout cover ASME.....	60-120	125-500	239-43273-00	Screw 10-32x3/4 SHCS.....	60-120	125-500
243-20299-00	Clean out access cover.....	60-120	125-500	239-82166-00	Screw 5/16-18x1/2.....	60-100	125-399
243-43240-02	Jacket head.....	60-100	125-399	239-32970-00	Screw 5/16-18x1/2.....	60-120	125-500
239-53427-00	Jacket head.....	120	400-500	239-81843-00	Screw 6-32x3/8.....	60-100	125-399
239-51778-00	Mixing valve.....	60-100	125-399	239-41715-00	Screw 8-32x1/2RHCR.....	60-100	125-399
229-44375-00	Inlet dip tube.....	60-100	125-399	239-43272-00	Screw 8-32x1/4 RHCR.....	60-120	125-500
229-53188-00	Inlet dip tube.....	120	400-500	239-42637-00	Screw 1/4-20 x 5/8 Hex Washer.....	60-100	125-300
239-41718-00	Hose tubing 3/16" I.D.....	60	125-199	239-44444-00	Screw 10-16 x 3/4.....	60-100	125-399
239-41718-00	Hose tubing 3/16" XC***** & after.....	100	150-300	239-41104-00	Screw, 8-18x.75 for display.....	120	400-500
239-43373-00	Nipple 3/4NPTx6" pre XC***** .....	60	125-199	239-53854-00	T-Washer (9 reqd).....	120	400-500
239-37047-00	Nipple 1/2NPTx3" XC***** & after.....	60-100	125-300	239-18461-00	Washer - #10 Lockwasher (4 reqd).....	120	400
239-43373-00	Nipple 3/4NPTx6" XC***** & after.....	60-100	125-300	<b>Neutralizer Media</b>			
239-37047-00	Nipple 1/2NPTx3" pre XC***** .....	100	150-300	A2123605	Neutralizer media, 2.5 lb.....	all	all
239-31811-00	Nipple 3/4NPTx3".....	100	399	A2123606	Neutralizer media, 40 lb.....	all	all
239-81595-00	Nipple 1"NPTx3-1/2".....	100	399	Q2016900	Neutralizer media, sold by lb.....	all	all
229-32762-02	Nipple plastisert 3/4"NPT x 2".....	60	125-199				
229-32762-02	Nipple plastisert 3/4"NPT x 2"						
	XC***** & after.....	100	150-300				
229-32762-02	Nipple plastisert 3/4NPTx2".....	100	150				
229-40913-07	Nipple plastisert hot water outlet.....	60-100	125-399				
229-40913-02	Nipple plastisert hot water outlet.....	120	400-500				
229-40913-01	Horiz. in/out nipple (before s/n AB).....	100	150-300				
229-40913-01	Top outlet nipple.....	120	400-500				
239-04474-00	Reducer 3/4x1/2NPT.....	60	125-199				
239-04474-00	Reducer 3/4x1/2NPT.....	100	150-300				
239-46144-00	Reducer 1x3/4NPT.....	100	399				
239-46146-00	Coupling, 2x2" flex.....	100	399				
239-43374-00	Elbow 1-1/2" galv. (before s/n AB).....	100	150-300				
239-02048-00	Pipe plug 1" NPT.....	60-100	125-399				
239-31547-02	Hole closure.....	60-100	125-399				

# Stock Tanks: 80, 120, 200 Gallon

Models A0070101, A0073100, A0073101, A0078800, A2086000

Part No.	Description	Size	Part No.	Description	Size
205-18427-00	Clean out O-Ring Gasket, non-ASME.....	80-120			
205-18428-00	Clean out cover, non-ASME.....	80-120			
205-32941-00	Clean out cover, ASME.....	80-200			
205-32942-00	Clean out gasket, ASME.....	80-200			
224-47782-08	Anode rod, magnesium*.....	80-120			
224-49559-04	Anode rod, (A420 - opt)*.....	all			
229-32762-17	Inlet/outlet nipple 2"x3½".....	80-120			
239-31547-02	Hole closure.....	120-200			
239-32761-00	Screw #8-18 x ½".....	all			
239-32970-00	Clean out cover screws, ASME.....	all			
239-42929-00	Touch-up paint.....	all			
239-82166-00	Clean out cover screws, non-ASME.....	80-120			
243-20299-00	Clean out access cover.....	all			
265-42351-02	Drain valve, brass.....	80			

\*May need to be cut to length

## Large Volume Tank Products

Part No.	Description	Size	Part No.	Description	Size
CTM002	Manway gasket.....	all			
CTH001	Hand hole gasket.....	all			
CTM003	Manway bracket.....	all			
CTM009	Hand hole cover assembly, double glass.....	all			
CTAR001	Anode rod 28".....	all			
CTAR002	Anode rod 34".....	all			
CTAR003	Anode rod 40".....	all			
CTARE001	Electronic anode qty 1 x 400mm.....	all			
CTARE002	Electronic anode qty 2 x 400mm.....	all			
CTARE003	Electronic anode qty 3 x 400mm.....	all			
CTARE004	Electronic anode qty 1 x 800mm.....	all			
CTARE005	Electronic anode qty 2 x 800mm.....	all			
CTARE006	Electronic anode qty 3 x 800mm.....	all			

## Laars-Stor

Models LS-SW, LS-DW and 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	
233-43315-00	Aquastat well SW & RTV.....	all		S/N JG16892040 & after.....	40-75
265-42351-02	Drain valve SW & DW.....	all	224-48138-00	Anode (magnesium) RTV.....	120
227-49556-02	Drain valve RTV.....	all	224-49559-04*	Anode (A420).....	all
230-40594-02	T&P relief valve SW.....	30-120L		* A420 anode may need to be cut to length	
230-33630-04	T&P relief valve SW.....	65-120C	229-51230-02	Cold water inlet dip tube SW.....	30
230-40594-02	T&P relief valve DW.....	all	229-51230-03	Cold water inlet dip tube SW.....	40
230-40594-02	T&P relief valve RTV.....	40	229-51230-06	Cold water inlet dip tube SW.....	50
230-32920-01	T&P relief valve RTV.....	52-75	229-51230-10	Cold water inlet dip tube SW.....	65-80L
230-32920-04	T&P relief valve RTV.....	120	229-43632-04	Cold water inlet dip tube SW.....	120
224-38508-07	Anode (aluminum) SW.....	30-50	229-43632-01	Cold water inlet dip tube SW.....	65-80C
224-38508-07	Anode (aluminum) SW.....	65-120	229-51230-16	Cold water inlet dip tube DW.....	40
224-38508-07	Anode (aluminum) DW.....	40-80	229-51230-06	Cold water inlet dip tube DW.....	50
			229-51230-13	Cold water inlet dip tube DW.....	65-80

# List Pricing All Models

Effective December 6, 2021

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
1		10525906	646.75	10534206	30.75	10536501	182.75
1-254	5.50	10525907	668.50	10534207	32.25	10536502	204.25
1-546	14.75	10525908	690.00	10534208	33.50	10536503	230.00
10167300	35.00	10525909	711.50	10534209	34.50	10536504	316.50
10335900	142.75	10529501	55.75	10534301	13.50	10536505	359.00
10338300	52.50	10529502	55.75	10534302	13.75	10536506	372.75
10338400	71.50	10529601	2138.00	10534303	14.25	10536507	394.00
10338600	19.75	10529602	2239.00	10534304	13.00	10536508	455.50
10364300	444.75	10529603	2379.00	10534305	13.25	10536509	489.00
10391302	81.25	10529604	2657.00	10534306	13.75	10536801	848.50
10391303	188.25	10529605	3022.00	10534307	14.00	10536802	857.00
10416100	1464.00	10529606	3280.00	10534308	14.50	10536803	866.25
10416200	1939.00	10529607	3488.00	10534309	14.75	10536804	877.00
10416700	1584.00	10529608	3833.00	10534310	13.25	10536805	889.25
10417400	161.50	10529609	4019.00	10534312	14.00	10536806	903.25
10448200	3.25	10530500	31.00	10534313	14.50	10536807	930.25
10448302	48.25	10530801	258.75	10534314	13.75	10536808	946.00
10448901	171.25	10530802	287.50	10534315	14.00	10536809	957.25
10449513	9.50	10530803	326.50	10534401	67.50	10540401	198.50
10449518	19.75	10530804	365.50	10534402	69.50	10540402	259.50
10449518R	24.50	10530805	410.25	10534403	71.75	10540403	275.75
10449519	23.50	10530806	461.00	10534404	74.50	10540404	342.25
10449519R	29.25	10530807	519.50	10534405	77.25	10540405	346.50
10449520	31.00	10530808	576.75	10534406	80.75	10540406	410.00
10449520R	38.75	10530809	617.50	10534407	84.50	10540407	428.75
10449521	34.75	10531501	117.25	10534408	88.25	10540408	496.00
10449521R	43.50	10531502	123.25	10534409	91.00	10540409	511.00
10457000	27.50	10531503	127.75	10534601	28.50	10540501	276.50
10457500	45.75	10531504	134.00	10534602	17.00	10540502	292.00
10458901	44.75	10531505	141.25	10534603	20.00	10540503	329.00
10458902	47.75	10531506	149.75	10534604	23.25	10540504	346.00
10458903	55.25	10531507	159.25	10534605	26.25	10540505	393.25
10458904	60.75	10531508	168.75	10534606	15.75	10540506	467.75
10458905	67.75	10531509	175.25	10534607	18.00	10540507	459.25
10469507	9.75	10531600	132.50	10534608	21.00	10540508	484.00
10480201	252.50	10532901	248.75	10535202	49.25	10540509	518.50
10480202	410.75	10532902	240.00	10535203	50.50	10540701	149.50
10480203	479.00	10532903	254.75	10535204	51.50	10540702	130.25
10480204	554.00	10532904	252.50	10535205	62.75	10540800	15.75
10480205	646.25	10532905	266.50	10535301	9.00	10540901	28.00
10525301	21.50	10532906	267.50	10535302	9.50	10540902	28.25
10525302	24.00	10532907	275.00	10535303	12.25	10540903	28.75
10525303	29.50	10532908	304.25	10535304	13.00	10540904	29.25
10525304	28.75	10532909	300.00	10535305	14.00	10540905	29.75
10525305	31.00	10533600	78.75	10535501	145.00	10540906	30.25
10525306	34.75	10533601	86.25	10535502	151.75	10540907	30.75
10525307	39.00	10533700	66.50	10535503	159.50	10540908	31.25
10525308	41.00	10533800	66.50	10535504	167.75	10540909	32.00
10525309	42.75	10533901	154.50	10535505	177.75	10541001	27.75
10525701	13.25	10533902	162.50	10535506	189.00	10541002	28.00
10525702	14.00	10533903	171.75	10535507	202.25	10541003	28.50
10525703	14.75	10533904	191.00	10535508	214.75	10541004	29.00
10525704	16.50	10533905	218.25	10535509	224.00	10541005	29.50
10525705	17.00	10533906	248.75	10535701	412.75	10541006	30.00
10525707	19.00	10533907	250.50	10535702	421.75	10541007	30.50
10525708	20.50	10533908	335.50	10535703	431.75	10541008	31.00
10525709	23.00	10533909	343.50	10535704	487.50	10541009	31.50
10525710	24.00	10534000	89.00	10535705	498.50	10542001	13.25
10525901	462.75	10534201	30.00	10535706	633.50	10542002	14.00
10525902	471.25	10534202	31.25	10535707	675.50	10542003	14.75
10525903	480.50	10534203	33.00	10535708	548.00	10542004	16.00
10525904	582.00	10534204	28.75	10535709	559.50	10542005	17.00
10525905	636.00	10534205	29.75	10536001	91.50	10542007	19.00

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10542008	20.50	10568009	273.00	10658701	181.50	10660101	76.75
10542009	23.00	10568010	294.75	10658702	188.25	10660102	77.75
10542010	24.00	10568302	1308.00	10658703	196.00	10660103	79.50
10547002	371.25	10568303	1358.00	10658704	204.50	10660104	81.00
10547200	46.75	10568304	1449.00	10658705	214.50	10660105	82.75
10547901	116.00	10568305	1507.00	10658706	225.75	10660106	85.00
10547902	118.25	10571602	1297.00	10658707	239.00	10660107	87.50
10547903	109.25	10571604	2443.00	10658708	251.50	10660108	90.00
10547904	134.50	10571605	2585.00	10658709	260.75	10660109	91.50
10548001	130.00	10571702	1272.00	10658901	358.75	10660200	56.00
10548002	159.75	10571703	989.75	10658902	366.25	10660501	476.00
10548003	164.75	10571704	1109.00	10658903	375.00	10660502	508.00
10548101	126.75	10571705	1247.00	10658904	384.75	10660503	520.75
10548102	132.75	10571803	1043.00	10658905	396.00	10660504	517.75
10548103	151.75	10571804	1158.00	10658906	408.75	10660505	551.75
10548104	109.00	10571805	1292.00	10658907	423.75	10660506	584.00
10548201	114.25	10576101	116.50	10658908	438.00	10660507	584.00
10548202	126.75	10576102	91.50	10658909	448.50	10660508	605.25
10548203	110.00	10577200	26.25	10659101	243.25	10660509	669.75
10548204	225.25	10581802	2746.00	10659102	221.25	10660701	395.75
10548301	128.50	10581803	1165.00	10659103	224.50	10660702	407.00
10548302	194.00	10581804	1280.00	10659104	228.25	10660703	419.25
10548303	164.50	10581805	1414.00	10659105	232.75	10660704	470.00
10548401	128.25	10602301	1726.00	10659106	237.75	10660705	486.50
10548402	133.00	10602302	1802.00	10659107	243.25	10660706	505.25
10548403	151.25	10602303	1939.00	10659108	248.75	10660707	526.75
10548404	109.50	10602304	2046.00	10659109	252.75	10660708	547.75
10551000	15.00	10602305	2170.00	10659301	133.50	10660709	599.25
10552901	87.50	10602306	2343.00	10659302	136.25	10661501	34.75
10552902	90.00	10602307	2505.00	10659303	139.75	10661502	36.00
10552903	93.50	10602308	2664.00	10659304	143.50	10661503	37.50
10552904	104.50	10602309	2776.00	10659305	148.00	10661504	33.75
10552905	118.50	10630300	74.25	10659306	152.75	10661505	34.50
10552906	128.00	10657101	124.75	10659307	158.50	10661506	35.50
10552907	151.25	10657102	128.25	10659308	164.00	10661507	36.75
10552908	150.50	10657103	132.00	10659309	167.75	10661508	38.00
10552909	159.75	10657104	136.00	10659501	195.75	10661509	38.75
10554401	86.25	10657105	140.75	10659502	214.75	10661701	155.00
10554402	88.75	10657106	146.25	10659503	222.00	10661702	161.00
10554403	92.25	10657107	152.75	10659504	229.75	10661703	167.50
10554404	95.75	10657108	158.75	10659505	239.25	10661704	175.25
10554405	99.75	10657109	163.25	10659506	249.75	10661705	183.75
10554406	104.50	10657501	137.25	10659507	261.75	10661706	193.75
10554407	109.75	10657502	137.25	10659508	274.00	10661707	205.25
10554408	115.00	10657700	89.75	10659509	282.25	10661708	216.25
10554409	118.75	10658101	241.25	10659701	127.25	10661709	224.00
10554601	224.25	10658102	245.00	10659702	129.50	10662001	88.25
10554602	271.00	10658103	249.00	10659703	132.25	10662002	88.50
10554603	287.00	10658104	253.75	10659704	135.00	10662003	91.00
10554604	343.00	10658105	259.25	10659705	138.75	10662004	93.75
10554605	363.25	10658106	265.25	10659706	138.75	10662005	97.00
10554606	413.50	10658107	272.25	10659707	142.75	10662006	100.75
10554607	427.25	10658108	279.25	10659708	151.50	10662007	104.75
10554608	473.00	10658109	284.25	10659709	154.75	10662008	109.00
10554609	503.25	10658501	136.50	10659901	24.25	10662009	112.00
10564000	38.50	10658502	139.75	10659902	25.25	10662101	66.50
10564802	666.50	10658503	141.50	10659903	29.75	10662102	68.75
10564803	697.75	10658504	147.75	10659904	28.00	10662103	70.50
10564804	728.00	10658505	152.25	10659905	29.75	10662104	72.75
10564805	762.50	10658506	157.50	10659906	31.50	10662105	75.75
10564900	454.25	10658507	164.00	10659907	34.50	10662106	78.50
10568007	231.75	10658508	170.00	10659908	38.75	10662107	82.25
10568008	257.50	10658509	174.50	10659909	40.75	10662108	85.75

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10662109	88.00	10C6500	679.50	12A4200	3022.00	15D3403	54.50
10662201	213.75	10C6520	679.50	12B5108	66.25	15F1020	944.00
10662202	223.00	10C6600	703.50	12B5128	66.25	15F2001	291.50
10662203	233.50	10C6620	679.50	12B6000	7257.00	15F2002	48.50
10662204	245.25	10F1020	719.25	12B6020	7311.00	15F2003	177.75
10662205	259.00	10F2001	222.00	12B6100	662.75	15F2004	161.00
10662206	274.50	10F2003	135.00	12B6220	484.25	15F2005	53.50
10662207	292.25	10F2004	118.75	12C1020	1479.00	15F2006	180.50
10662208	309.75	10F2006	138.00	12C2001	590.25	15F2017	46.00
10662209	322.50	10F2017	33.50	12C2003	483.00	15F3021	297.75
10667701	11.50	10F3021	229.00	12C2006	316.25	15F3220	318.25
10667702	9.00	10F3220	246.00	12C2008	185.50	15F3320	271.25
10667703	9.75	10F3304	16.75	12C2009	30.50	15T2001	75.00
10667704	10.25	10F3320	211.25	12C2010	204.50	15T3004	79.25
10667705	11.25	10F3800	164.75	12C2011	31.00	15T3005	78.75
10667706	9.00	10J1203	96.00	12C3020	2236.00	15T3014	117.00
10667707	9.25	10J1204	56.50	12C3021	255.00	15T3016	109.75
10667708	9.75	10J1205	62.00	12C3030	2236.00	15T3018	164.25
10697801	15.25	10J1206	31.50	12C3040	3342.00	15T3019	126.00
10697802	15.25	10J1207	20.75	12C3220	227.25	15T3023	88.50
10719702	801.50	10J1210	465.75	12F1020	855.75	15T3027	37.50
10719703	951.50	10J1212	36.50	12F2001	256.75	15T3170	1338.00
10732000	157.50	10J1213	71.25	12F2003	156.25	15T5080	1031.00
10737302	1985.00	10J1214	84.50	12F2004	140.00	15T5121	674.75
10737303	2279.00	10J1231	69.75	12F2006	159.25	15T6003	83.25
10737502	1460.00	10J1234	36.00	12F2013	23.50	15T7316	137.00
10737503	1733.00	10J1237	51.25	12F2014	24.75	15T7317	159.50
10737504	1943.00	10J1238	41.75	12F2017	38.75	15T7318	137.75
10737505	2205.00	10J1239	2299.00	12F2018	8.00	15T7319	137.75
10921001	2145.00	10J1240	64.00	12F2027	317.00	15T7401	507.75
10921002	1628.00	10J1243	78.25	12F3021	263.50	15T7402	509.25
10921003	1139.00	10J1262	394.25	12F3100	87.00	15T7403	505.50
10921004	1206.00	10J1263	92.25	12F3220	282.00	15T7404	506.75
10921005	1258.00	10J1265	269.25	12F3320	241.00	15T7405	505.50
		10J1269	67.50	12F3701	51.25	15T7406	506.75
		10J1270	35.25	12F3800	168.50	15T7407	704.25
<b>10</b>		10J2520	106.75	12J1247	21.50	15T7408	704.25
10-052	4.25	10J3018	20.25			15T7409	951.75
10-135	19.75	10J3019	23.75	<b>13</b>		15T7410	717.50
10-224	3.00	10J3025	30.50	13-028	9.50	15T7411	717.50
10-226	3.00	10J3030	25.50			15T7412	965.00
10-332	13.25	10J3031	41.75	<b>15</b>			
10-596	3.50	10J3038	92.00	15C1020	1659.00	<b>16</b>	
10-672	30.25	10J4050	435.50	15C2001	612.25	16A2000	42686.00
10C1020	1165.00	10J4060	1906.00	15C2002	92.50	16A4200	3107.00
10C2001	459.00	10J4080	957.25	15C2003	482.25	16B5108	66.25
10C2003	327.75	10J4090	1055.00	15C2004	189.50	16B5128	72.25
10C2004	329.50	10J5153	80.75	15C2005	76.75	16B6000	7613.00
10C2006	273.50	10J6001	116.50	15C2006	363.50	16B6020	7593.00
10C2007	276.75	10J6002	142.25	15C2009	36.75	16B6200	459.75
10C2009	35.50	10J6005	111.50	15C2010	70.00	16B6220	459.75
10C2010	45.00	10J6006	48.50	15C2011	36.75	16N1000	1020.00
10C3004	27.25	10J7006	64.50	15C3002	31.25	16N2010	322.25
10C3020	1943.00	10J7007	31.00	15C3020	2492.00	16N205001	1649.00
10C3021	325.00	10J7013	53.75	15C3021	181.00	16N2600	833.75
10C3030	1943.00	10J7014	72.00	15C3025	180.75	16N2620	844.50
10C3040	2884.00	10J7024	20.00	15C3026	118.00	16N3002	36.25
10C3100	133.50	10J7212	154.25	15C3030	2492.00	16N3021	65.25
10C3220	199.25	10T2001	109.75	15C3040	3760.00	16N3045	303.75
10C3304	15.50	10T6003	82.75	15C3100	143.50	16N5062	587.00
10C6200	753.00			15C3220	178.50	16N5074	111.75
10C6220	753.00	<b>12</b>		15D3401	52.50	16N5092	286.75
10C6300	753.00	12A2000	41026.00	15D3402	54.50	16N5121	670.50
10C6320	753.00						



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16N6013	121.75	150S218200	370.25	2C3621	56.50	20006402	104.00
16N6015	340.75	150S218201	370.25	2C3622	72.50	20006403	109.50
16N6023	129.50	150S2609	50.00	2C3623	72.25	20006404	114.00
16N6027	28.50	150S2610	820.00	2C3700	86.00	20006405	120.75
16N6042	72.25	150S3005	149.25	2C3800	274.75	20006406	127.25
16N7401	198.50	150S3006	162.25	2C4001	112.75	20006407	135.25
16N7402	284.50	150S3007	162.25	2C4002	25.50	20010901	19.75
16N7403	292.50	150S3008	82.25	2C4103	188.25	20010902	17.25
		150S3013	23.00	2C4122	601.50	20010903	18.75
<b>17</b>		150S3024	326.50	2C5000	148.50	20010904	21.00
17C1020	1795.00	150S302600	63.25	2C7002	25.00	20010905	17.75
17C2001	715.25	150S302601	63.25	2C7003	39.00	20010906	18.00
17C2003	525.00	150S4030	314.75	2C7004	18.75	20010907	19.00
17C2006	441.50	150S5010	6.25	2C7005	20.00	20011001	4400.00
17C2008	299.25	150S5048	3.00	2F3000	1452.00	20011002	4806.00
17C2009	38.00	150S7019	139.75	2F3019	67.75	20011003	5061.00
17C2010	147.25	150S7401	1253.00	2F3020	1620.00	20011004	5447.00
17C2011	40.00	150S7402	1547.00	2F4122	590.25	20011005	5986.00
17C3020	2623.00			2F7001	80.50	20011006	6396.00
17C3021	193.75	<b>175</b>		2F7002	81.50	20011007	6975.00
17C3025	193.75	175S2050	15484.00	20002300	65.75	20011101	509.25
17C3030	2623.00	175S217900	481.75	20002600	33.00	20011102	489.50
17C3040	3988.00	175S217901	481.75	20003201	97.50	20011200	4.50
17C3220	248.25	175S2609	39.50	20003202	106.25	20011301	683.75
17F1020	1046.00	175S3001	210.75	20003203	108.75	20011302	721.25
17F2001	326.50	175S3002	145.75	20003204	116.50	20011303	750.25
17F2003	199.00	175S3004	135.00	20003205	92.75	20011304	787.00
17F2004	182.00	175S3016	135.00	20003206	102.50	20011305	874.25
17F2006	202.00	175S3018	146.50	20003207	115.00	20011306	918.75
17F2017	53.50	175S302400	48.50	20004301	193.00	20011307	955.50
17F3021	332.25	175S302401	51.75	20004302	195.50	20011401	840.00
17F3220	354.25	175S302500	36.25	20004303	232.25	20011402	887.25
17F3320	301.25	175S302501	33.00	20004304	233.25	20011403	932.50
17J1010	601.00	175S3102	1850.00	20004305	236.00	20011404	979.25
17J1018	22.00	175S3104	392.50	20004306	238.50	20011405	1085.00
17J1203	120.00			20004307	241.25	20011406	1122.00
17J1205	226.50	<b>2</b>		20004900	89.25	20011407	1202.00
17J1212	43.75	2C1000	451.50	20004901	27.00	20011501	273.50
17J1214	75.25	2C2001	146.00	20004902	35.75	20011502	283.25
17J1231	84.00	2C2002	63.00	20005601	175.00	20011503	290.50
17J1241	138.25	2C2006	130.75	20005602	200.75	20011504	311.00
17J2520	139.75	2C2008	57.50	20005603	232.75	20011505	303.25
17J3001	60.50	2C2009	25.50	20005604	258.25	20011506	303.50
17J3025	36.75	2C2015	41.25	20005605	290.25	20011507	325.50
17J3030	29.75	2C2016	41.25	20005606	288.50	20011601	355.00
17J3031	65.50	2C2017	12.25	20005607	303.00	20011602	387.00
17J3038	90.50	2C2018	3.00	20005701	400.00	20011603	407.00
17J4003	1914.00	2C2019	34.25	20005702	438.50	20011604	458.50
17J4005	519.75	2C2023	145.25	20005703	467.25	20011605	532.25
17J4013	3129.00	2C2100	100.25	20005704	685.00	20011606	552.50
17J4015	948.75	2C2201	189.00	20005705	714.00	20011607	592.00
17J6002	170.75	2C2300	131.25	20005706	426.75	20011701	316.25
17J6003	381.00	2C2500	155.00	20005707	441.00	20011702	327.50
17J6005	455.50	2C2601	189.00	20005801	38.25	20011703	333.75
17J7014	130.00	2C3010	34.00	20005802	39.75	20011704	332.00
17J7024	30.75	2C3014	49.50	20005803	41.50	20011705	366.50
		2C3015	32.75	20005804	43.00	20011706	377.50
<b>125</b>		2C3016	74.00	20005805	44.75	20011707	330.50
125S2141	10452.00	2C3021	134.75	20005806	46.25	20011800	336.50
		2C3220	156.75	20005807	48.25	20011900	233.50
<b>150</b>		2C3420	133.25	20006301	100.75	20012000	227.50
150S2141	10452.00	2C3520	133.25	20006302	100.75	20012101	204.75
150S2164	72.50	2C3620	72.50	20006401	99.75	20012102	218.25

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Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
20012103	234.75	20015206	72.75	20017302	306.25	20047901	440.25
20012104	300.25	20015207	75.75	20017303	316.25	20048001	455.00
20012105	306.25	20016102	195.50	20017304	324.50	20050200	38.50
20012106	382.25	20016103	214.50	20017305	334.75	20050401	291.00
20012107	377.50	20016104	229.75	20017306	343.00	20050402	300.00
20012201	174.00	20016105	249.00	20017307	353.25	20050403	310.25
20012202	201.50	20016106	264.25	20017600	159.50	20050404	322.00
20012203	230.50	20016107	283.25	20017700	5.00	20050405	284.50
20012204	257.75	20016202	329.25	20018002	252.75	20050406	292.00
20012205	291.75	20016203	341.75	20018003	266.00	20050407	300.75
20012206	315.00	20016204	351.25	20018004	246.50	20050408	309.50
20012207	348.50	20016205	363.50	20018005	255.50	20050409	315.75
20012301	787.00	20016206	373.50	20018006	262.25	20052001	48.75
20012302	811.75	20016207	387.75	20018007	271.25	20052002	48.25
20012303	842.50	20016301	197.00	20018202	50.25	20052005	48.00
20012304	867.00	20016302	202.75	20018203	51.00	20052006	48.25
20012305	897.50	20016303	214.25	20018204	51.75	20058502	149.75
20012306	922.25	20016304	223.25	20018205	53.00	20061104	19.50
20012307	953.00	20016305	234.50	20018206	53.75	20066401	141.75
20012401	243.00	20016306	243.75	20018207	54.75	20066402	142.75
20012402	264.75	20016307	255.00	20018302	3.00	20066403	147.50
20012403	270.50	20016502	170.75	20018303	3.00	20066404	151.00
20012404	296.00	20016503	195.25	20018304	3.25	20066405	155.75
20012405	313.50	20016504	214.75	20018305	3.75	20066406	159.50
20012406	363.25	20016505	239.00	20018306	4.00	20066407	164.25
20012407	380.75	20016506	258.75	20018307	4.50	20067201	1990.00
20012501	285.50	20016507	283.00	20018400	36.50	20067202	2100.00
20012502	294.50	20016602	227.25	20018602	125.50	20067203	2196.00
20012503	295.75	20016603	242.50	20018603	132.50	20067204	2552.00
20012504	296.75	20016604	254.50	20018604	139.50	20067205	2715.00
20012505	232.75	20016605	269.75	20018605	157.50	20067206	2694.00
20012506	309.25	20016606	281.75	20018606	174.25	20067207	2808.00
20012507	314.50	20016607	289.25	20018607	194.75	20069400	43.00
20012509	285.25	20016702	253.00	20020101	87.25	20081601	3534.00
20012510	289.50	20016703	266.25	20020102	87.75	20081602	3866.00
20012511	292.75	20016704	277.00	20020103	88.25	20081603	3744.00
20012512	297.00	20016705	290.75	20020104	86.75	20081604	3639.00
20012513	300.75	20016706	305.25	20020105	87.25	20087300	13.75
20012514	305.00	20016707	340.75	20020106	87.50	20090101	213.25
20013001	220.75	20016802	256.25	20020107	88.00	20090102	240.25
20013002	331.25	20016803	272.75	20020108	88.50	20090103	241.75
20013003	441.50	20016804	291.75	20020109	88.75	20090104	263.50
20013700	80.75	20016805	336.00	20022002	24.50	20090105	251.75
20013801	15.00	20016806	371.50	20022003	27.75	20090106	259.75
20013802	16.50	20016807	415.75	20022004	30.00	20090107	259.50
20013803	17.75	20016902	315.00	20022005	33.25	20097401	2125.00
20013804	19.25	20016903	339.25	20022006	35.75	20097402	2226.00
20013805	15.00	20016904	358.75	20022007	39.00	20097403	2379.00
20013806	16.50	20016905	383.00	20022102	24.50	20097404	2657.00
20013807	17.75	20016906	418.00	20022103	27.75	20097405	3022.00
20013808	19.25	20016907	463.25	20022104	30.00	20097406	3280.00
20014301	94.50	20017102	380.50	20022105	33.25	20097407	3488.00
20014302	94.50	20017103	404.25	20022106	35.75	20097408	3833.00
20014601	227.00	20017104	423.50	20022107	39.00	20097409	4019.00
20014602	246.50	20017105	447.50	20022202	10.25	20097500	122.75
20015001	109.00	20017106	466.25	20022203	12.50	20100705	264.75
20015002	109.00	20017107	490.25	20022204	27.00	20100706	272.25
20015101	37.75	20017202	186.00	20032401	41.25	20100707	281.00
20015102	37.75	20017203	200.50	20035563	3.00	20100708	289.75
20015202	63.00	20017204	212.00	20035564	3.00	20100709	295.75
20015203	65.75	20017205	226.25	20035565	3.00	20102101	466.25
20015204	67.75	20017206	237.75	20035566	3.00	20102102	483.00
20015205	70.75	20017207	255.00	20047700	138.00	20102103	503.75

<b>Part No.</b>	<b>List Price</b>	<b>Part No.</b>	<b>List Price</b>	<b>Part No.</b>	<b>List Price</b>	<b>Part No.</b>	<b>List Price</b>
20102104	520.50	20440202	183.00	20F2017	60.75	20N7316	150.00
20102601	895.25	20440500	327.25	20F3021	366.50	20N7317	126.75
20102602	911.75	20441200	89.00	20F3100	90.75	20N7318	121.50
20102603	932.75	20441402	111.75	20F3220	390.25	20N7319	126.75
20102604	949.50	20441600	25.25	20F3304	16.75	20N740001	505.00
20102605	970.25	20441700	25.75	20F3320	331.25	20N740002	296.50
20102606	987.00	20441800	35.25	20F3800	168.50	20N740003	309.25
20102607	1008.00	20442002	145.00	20L1000	482.00	20N740004	309.25
20130001	405.75	20442100	18.00	20L1200	303.25	20N740005	309.25
20130002	416.50	20442401	172.25	20L2510	70.25	20N740006	322.50
20130004	392.00	20442402	106.00	20L3007	138.75	20N7412	175.75
20130005	408.75	20442403	69.50	20L3013	122.50	20N7413	47.25
20130009	408.75	20442404	107.25	20L3015	157.25	20T2001	79.25
20300500	273.75	20442405	86.00	20L3025	74.75	20T6003	66.25
20300600	155.75	20443700	201.25	20L3100	203.00		
20305101	38.25	20443800	56.75	20L3101	164.25	<b>24</b>	
20401201	277.75	20443900	17.50	20L4230	3238.00	24A2000	50747.00
20401202	286.25	20444000	3.00	20L4240	3572.00	24A4200	3344.00
20403104	73.00	20444100	9.75	20L7002	84.25	24B6000	7993.00
20404401	25.75	20444300	239.50	20N1000	984.25	24B6020	8078.00
20404402	25.75	20444500	153.75	20N2010	335.00		
20404607	4.75	20444800	280.50	20N2049	3028.00	<b>25</b>	
20404608	4.75	20445000	261.75	20N205001	1674.00	25N205002	1997.00
20404612	4.75	20445300	475.25	20N2600	844.75	25N3021	72.75
20406603	10.00	20607500	310.50	20N2620	855.50	25N5092	313.00
20420100	24.50			20N3001	138.50		
20420502	252.00	<b>20</b>		20N3002	204.75	<b>200</b>	
20420702	2052.00	20A2000	48860.00	20N3004	204.75	205-18427-00	14.50
20420802	1762.00	20A4200	3359.00	20N3005	12.25	205-18428-00	27.00
20421102	333.75	20B5108	66.25	20N3008	118.50	205-32941-00	92.75
20421202	99.50	20B6000	7641.00	20N3010	173.25	205-32942-00	9.25
20421502	133.25	20B6020	7699.00	20N3013	53.75	224-38508-06	37.25
20421600	56.25	20B6200	459.75	20N3019	77.75	224-38508-07	62.75
20421700	39.50	20B6220	459.75	20N3020	92.00	224-38508-08	50.50
20421800	51.50	20C1020	2016.00	20N3021	65.25	224-46075-00	691.50
20422102	69.50	20C2001	845.75	20N3034	70.25	224-47782-08	46.50
20422400	510.50	20C2002	72.25	20N3035	113.00	224-47782-13	27.50
20422700	249.75	20C2003	620.50	20N3036	111.75	224-48138-00	360.25
20422800	254.50	20C2006	519.25	20N3047	86.25	224-49559-04	103.00
20423402	11.25	20C2007	326.75	20N3054	28.50	227-48070-01	14.50
20424000	146.00	20C2008	300.00	20N3055	124.75	227-48070-02	15.25
20425402	75.50	20C2009	55.00	20N3060	290.50	227-49556-02	78.25
20425802	41.00	20C2010	286.25	20N3072	73.50	228-53033-00	268.50
20426000	13.00	20C2011	39.25	20N3163	57.25	228-53399-00	644.00
20427100	147.25	20C3004	30.75	20N3164	57.25	229-32762-02	3.25
20427302	85.00	20C3020	2664.00	20N4023	1062.00	229-32762-17	17.25
20427901	258.50	20C3021	207.00	20N4026	432.00	229-40913-01	38.00
20427902	222.00	20C3025	245.00	20N5037	159.00	229-40913-07	16.50
20427903	348.75	20C3030	2664.00	20N5090	62.75	229-43632-01	68.00
20427904	202.25	20C3040	4199.00	20N5092	272.50	229-43632-04	63.75
20427905	466.75	20C3100	147.00	20N5094	26.00	229-44375-00	76.25
20428100	9.25	20C3220	245.50	20N5095	42.00	229-51230-02	62.75
20428200	14.50	20C3304	15.75	20N5121	652.75	229-51230-03	62.75
20428500	46.00	20D1005	33.25	20N6015	122.75	229-51230-06	62.75
20429300	34.00	20D1007	57.25	20N6017	353.00	229-51230-10	62.75
20430400	20.25	20D3402	60.75	20N6023	128.75	229-51230-13	62.75
20430602	181.00	20D3403	59.00	20N7080	7072.00	229-51230-16	62.75
20440001	90.50	20F1020	1190.00	20N7081	7072.00	230-30246-00	119.50
20440002	102.50	20F2001	361.25	20N7082	5834.00	230-32920-01	50.75
20440003	67.50	20F2002	50.00	20N7083	5834.00	230-32920-04	68.25
20440004	94.25	20F2003	220.50	20N7311	160.00	230-33630-04	185.25
20440005	257.25	20F2004	203.00	20N7312	188.25	230-40594-02	34.75
20440006	236.25	20F2006	223.25	20N7313	44.75	233-41346-00	145.00

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233-43315-00	37.25	239-44723-05	34.00	243-44416-00	209.00	250S302501	31.50
233-43346-00	67.75	239-44724-01	34.00	243-44668-00	25.75	250S4030	315.00
233-46045-00	238.75	239-45658-00	40.00	243-45517-00	271.50	250S7401	1253.00
233-46558-01	36.25	239-45659-00	23.75	243-46007-01	403.75	250S7402	1547.00
233-50559-00	41.00	239-45971-00	40.50	243-46007-02	389.75	250S7403	1563.00
233-53078-00	36.25	239-46037-01	37.25	243-46007-03	379.75	250S7404	1626.00
233-53079-00	36.25	239-46061-00	3.00	243-46007-04	405.25	250S7405	1626.00
233-53438-00	25.75	239-46070-00	19.00	243-46008-01	457.25		
233-53470-00	503.75	239-46099-00	117.50	243-46008-02	443.00	<b>2400</b>	
233-53554-00	419.75	239-46144-00	7.50	243-46008-03	445.50	2400-006	156.50
233-82054-00	25.00	239-46146-00	18.25	243-46008-04	431.25	2400-010	157.50
239-02048-00	4.25	239-46147-00	155.00	243-46009-01	1104.00	2400-012	319.25
239-04474-00	8.25	239-46148-00	122.50	243-46009-02	1136.00	2400-014	452.50
239-22263-00	3.00	239-46227-00	58.75	243-46009-03	1092.00	2400-018	112.25
239-31547-02	3.00	239-46229-00	512.75	243-46009-04	1110.00	2400-020	194.50
239-31811-00	5.25	239-46247-00	14.25	243-46010-01	1197.00	2400-023	174.25
239-32761-00	3.00	239-48170-00	31.50	243-46010-02	1197.00	2400-029	63.75
239-32970-00	3.00	239-48237-00	12.25	243-46010-03	1188.00	2400-048	111.75
239-37047-00	4.00	239-50266-00	51.25	243-46010-04	1242.00	2400-050	39.00
239-38951-59	9.50	239-50586-00	5.25	243-46010-05	1213.00	2400-055	186.50
239-40579-00	36.75	239-50887-00	88.50	243-46010-06	1222.00	2400-056	82.00
239-40902-00	25.50	239-51310-00	791.50	243-46151-01	885.75	2400-057	109.75
239-41715-00	3.00	239-51397-00	4.75	243-46151-02	887.25	2400-058	65.75
239-41718-00	5.00	239-51778-00	417.50	243-46153-01	1915.00	2400-060	154.50
239-42637-00	3.00	239-53064-00	7.00	243-46153-02	1917.00	2400-062	80.50
239-42929-00	61.75	239-53065-00	1632.00	243-46249-00	1206.00	2400-082	285.50
239-43167-00	282.75	239-53301-00	3.50	243-53478-01	744.25	2400-095	77.25
239-43197-00	13.75	239-53304-00	9.25	243-53479-01	744.25	2400-096	129.75
239-43201-00	182.75	239-53439-00	22.00	265-42351-02	19.25	2400-097	218.75
239-43211-00	33.50	239-53440-00	112.00	265-45222-01	148.00	2400-100	50.25
239-43234-00	15.50	239-53445-00	21.50	265-45222-03	154.25	2400-102	104.75
239-43235-00	12.50	239-53458-00	87.75	265-45222-04	154.25	2400-104	132.00
239-43238-02	7.25	239-53459-00	26.25	265-46023-00	910.25	2400-106	448.75
239-43238-03	7.50	239-53460-00	109.00	265-46024-00	1224.00	2400-110	101.25
239-43239-00	17.25	239-53464-00	43.75	265-46025-01	1943.00	2400-130	451.25
239-43241-00	13.25	239-53465-00	21.75	265-46025-02	2028.00	2400-131	222.50
239-43246-00	13.25	239-80112-00	3.00	265-46025-03	1936.00	2400-133	923.00
239-43261-00-0'	153.00	239-80373-00	3.00	265-46025-04	1966.00	2400-134	350.75
239-43268-00	51.50	239-80982-00	7.25	265-46025-05	2100.00	2400-135	586.25
239-43272-00	3.00	239-81595-00	8.00	265-46025-06	2119.00	2400-137	188.00
239-43273-00	3.00	239-81843-00	3.00	265-46025-07	2443.00	2400-138	232.50
239-43290-00	27.50	239-81844-00	3.00	265-46025-08	2475.00	2400-140	258.25
239-43291-00	24.25	239-82034-00	81.00	265-46025-09	2465.00	2400-144	524.25
239-43292-00	16.75	239-82166-00	3.00	265-46025-10	2516.00	2400-144	524.25
239-43297-00	3.00	243-20299-00	7.25	265-46156-01	3113.00	2400-150	138.25
239-43347-00	25.00	243-43240-02	66.50	265-46156-02	3113.00	2400-224	504.50
239-43358-01	26.50	243-43278-00	13.00	265-53032-00	433.50	2400-282	25.00
239-43358-02	23.25	243-43288-00	657.50	265-53033-00	991.25	2400-286	104.50
239-43364-01	47.75	243-43289-01	2367.00			2400-288	175.75
239-43370-00	3.00	243-43289-03	2791.00	<b>250</b>		2400-290	172.75
239-43371-00	3.00	243-43289-04	2819.00	250S2050	17403.00	2400-292	175.75
239-43373-00	13.00	243-43304-00	19.25	250S2102	78.75	2400-294	172.75
239-43374-00	21.50	243-43367-01	1188.00	250S222900	497.25	2400-296	175.75
239-43454-00	161.75	243-43367-03	1213.00	250S222901	497.25	2400-297	172.50
239-43571-00	39.75	243-43367-04	1242.00	250S2500	789.75	2400-298	172.75
239-43997-00	19.50	243-43368-01	379.75	250S2609	48.25	2400-299	169.50
239-44069-01	133.00	243-43368-03	405.50	250S3001	229.50	2400-310	1248.00
239-44444-00	3.00	243-43757-01	469.75	250S3004	128.25	2400-316	98.50
239-44466-00	32.50	243-43757-03	455.50	250S3004	128.25	2400-322	99.75
239-44654-00	3.25	243-44056-01	2225.00	250S3021	128.25	2400-376	979.00
239-44723-01	34.00	243-44056-03	2279.00	250S3023	259.00	2400-386	876.75
239-44723-03	34.00	243-44058-01	1047.00	250S302400	61.50	2400-387	1544.00
239-44723-04	34.00	243-44058-03	1205.00	250S302401	68.50	2400-388	1127.00
				250S302500	36.50	2400-392	54.50

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2400-394	140.25	30N3036	129.25	300S2050	18214.00	40L3013	146.25
2400-430	1519.00	30N3043	14.00	300S220801	497.25	40L3015	180.75
2400-556	147.50	30N3045	304.00	300S2500	793.25	40L3025	84.25
2400-562	168.50	30N3049	102.00	300S2609	53.50	40L3100	235.75
2400-574	136.00	30N3050	56.75	300S3001	200.75	40L3101	188.75
		30N3051	56.75	300S3002	146.50	40L3701	20.50
<b>3</b>		30N3053	72.25	300S3004	113.50	40L3800	115.00
3C1000	545.50	30N3054	52.25	300S3005	102.25	40L4230	3872.00
3C2001	222.75	30N3055	17.50	300S3013	28.50	40L4240	4615.00
3C2006	157.00	30N3057	192.50	300S3016	113.50	40L7002	90.25
3C2008	60.50	30N3060	284.25	300S3018	146.50	40N1000	1241.00
3C2009	29.75	30N3062	74.00	300S3019	77.00	40N1015	1334.00
3C2017	16.25	30N3064	182.25	300S3020	33.25	40N2008	112.00
3C2019	36.50	30N3072	83.25	300S3102	1973.00	40N2010	339.75
3C2023	173.00	30N5037	163.75	300S3104	361.25	40N205001	1961.00
3C2100	101.00	30N5092	945.75	300S3118	301.25	40N2600	982.25
3C3021	149.25	30N5121	863.50	300S5039	8.50	40N2615	831.75
3C3220	164.50	30N6023	129.00	300S731702	447.75	40N3001	168.75
3C3702	45.75	30N6031	181.00	300S731703	456.50	40N3002	303.25
3C7002	31.25	30N6033	384.00	300S731704	491.25	40N3004	304.75
3F3000	1485.00	30N6035	122.00	300S731705	458.75	40N3005	13.00
3F3019	73.25	30N6042	72.25	300S731706	542.25	40N3008	141.50
3F3020	1679.00	30N7040	723.00	300S731707	538.00	40N3013	51.75
		30N7050	473.75	300S731708	1009.00	40N3016	24.25
<b>30</b>		30N7067	1440.00	300S7401	1715.00	40N3019	88.50
30-192	13.25	30N7080	7072.00	300S7402	1715.00	40N3020	124.75
30D3311	96.75	30N7081	7072.00	300S7403	2085.00	40N3021	86.50
30D3312	141.75	30N7082	5633.00			40N3031	65.75
30D3313	84.00	30N7083	5633.00	<b>4</b>		40N3035	133.00
30D3314	126.00	30N7089	568.00	4C1000	651.00	40N3036	133.00
30L1000	513.00	30N7090	2440.00	4C2001	275.25	40N3037	302.50
30L1200	332.25	30N7092	380.75	4C2006	191.50	40N3045	351.75
30L3007	156.50	30N7096	1316.00	4C2008	64.00	40N3047	110.50
30L3013	136.75	30N7101	1238.00	4C2009	34.75	40N3048	19.75
30L3015	171.25	30N7102	146.50	4C2017	20.75	40N3050	113.00
30L3025	80.50	30N7103	135.50	4C2019	40.00	40N3053	122.75
30L3100	222.75	30N745001	463.00	4C2023	210.75	40N3060	316.00
30L3101	179.25	30N745002	459.00	4C2100	101.75	40N3072	102.25
30L4230	3530.00	30N745003	463.00	4C3021	168.75	40N3163	62.00
30L4240	4054.00	30T2001	72.75	4C3220	190.25	40N3164	57.75
30L7002	87.75	30T2010	375.25	4C3700	87.75	40N4020	945.50
30N1000	1064.00	30T3004	91.00	4C7002	39.00	40N4026	557.50
30N2010	335.75	30T3005	90.75	4F3000	1534.00	40N5069	1166.00
30N2049	3426.00	30T3013	173.75	4F3019	79.75	40N5077	889.00
30N205001	1764.00	30T3014	124.25	4F3020	1728.00	40N5092	6.75
30N2600	954.25	30T3016	123.50			40N5093	14.00
30N2620	820.50	30T3019	139.00	<b>40</b>		40N5121	1142.00
30N3001	152.50	30T3023	102.00	40D1004	27.50	40N6014	355.50
30N3002	234.75	30T3100	2318.00	40D3005	66.75	40N6023	129.00
30N3004	234.75	30T3170	1540.00	40D3401	147.00	40N6025	17.00
30N3007	21.25	30T5080-1	1366.00	40D3402	110.25	40N6034	214.50
30N3008	139.00	30T5121	780.75	40L1000	536.00	40N6042	71.75
30N3011	100.25	30T6003	83.25	40L1200	353.00	40N7050	473.75
30N3012	30.25	30T7096	1300.00	40L2001	94.00	40N7061	127.25
30N3013	55.25			40L2002	83.50	40N7062	637.25
30N3019	80.75	<b>35</b>		40L2003	83.50	40N7063	726.75
30N3020	109.25	35N205001	1955.00	40L2510	71.75	40N7064	372.50
30N3021	72.75	35N2600	978.75	40L3003	72.25	40N7065	431.00
30N3023	111.00	35N2615	799.00	40L3007	168.25	40N7066	2134.00
30N3024	190.25			40L3008	130.25	40N7080	7072.00
30N3028	45.25	<b>300</b>		40L3009	130.25	40N7081	7072.00
30N3034	19.00	300S2019	80.00	40L3010	68.25	40N7082	5633.00
30N3035	99.75	300S2020	80.00	40L3011	97.25	40N7083	5633.00



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40N745001	471.75	5F2003	86.25	7F2017	25.00	A2003200	71.25
40N745002	471.75	5F2004	70.75	7F2018	8.00	A2003300	107.50
40N745003	471.75	5F2005	38.75	7F2019	5.25	A2080000	622.50
<b>400</b>		5F2006	89.00	7F2027	292.50	A2085900	75.25
400S6904	33.75	5F2014	17.50	7F3021	189.75	A2086100	2739.00
415-43232-00	61.00	5F2015	36.25	7F3100	78.50	A2087600	13.50
415-45543-00	111.00	5F2016	36.25	7F3220	205.25	A2108700	9614.00
415-48231-00	285.13	5F2017	18.75	7F3320	177.00	A2109800	11661.00
415-48922-00	818.50	5F2018	9.50	<b>70</b>		A2110300	6789.00
415-51225-00	663.50	5F2019	5.00	70-236	3.00	A2110400	5645.00
415-51310-00	1124.00	5F2027	264.00	75D1002	84.00	A2110500	10489.00
415-54072-01	545.25	5F3021	153.25	75D1004	47.50	A2110600	6390.00
<b>5</b>		5F3100	68.50	75D1006	31.50	A2111200	6402.00
5C1020	704.25	5F3220	165.00	75D1100	849.25	A2111500	5304.00
5C2001	325.50	5F3304	16.75	75D1300	354.75	A2112100	4775.00
5C2002	51.00	5F3320	142.75	75D3001	354.75	A2112300	145.00
5C2003	231.50	5F3400	109.00	75D3002	354.75	A2114400	1100.00
5C2004	177.75	5F3420	102.25	75D3102	65.50	A2114601	3567.00
5C2005	57.75	5F3500	120.00	75D3301	173.25	A2114602	3567.00
5C2006	165.75	5F3520	102.25	75D3302	178.50	A2114603	3567.00
5C2007	245.25	5F3701	44.75	75D3303	141.75	A2114604	3567.00
5C2008	3.00	5F3800	148.75	75D4020	37.25	A2114605	3567.00
5C2009	25.00	5F4901	4390.00	<b>80</b>		A2114802	142.75
5C2015	78.75	5F4902	4390.00	85D1004	51.00	A2115000	1027.00
5C2016	78.75	5F4903	4390.00	85D1005	57.75	A2116300	68.00
5C2200	229.00	5F4904	4390.00	85D1100	904.25	A2116700	222.25
5C3002	23.75	5F4905	4390.00	85D3001	372.25	A2116800	2206.00
5C3004	23.75	<b>50</b>		85D3002	372.25	A2116801	3573.00
5C3020	1675.00	50D3201	288.75	85D3005	48.50	A2117602	82.50
5C3021	292.50	50D3308	110.25	85D3102	67.00	A2117900	13.25
5C3030	1675.00	50D3401	162.75	85D3200	334.75	A2118600	41.50
5C3040	2274.00	50D3402	115.50	85D3301	183.75	A2118700	66.75
5C3106	76.25	50D4027	103.75	85D3302	199.50	A2118800	66.75
5C3220	227.25	50D5017	22.25	85D3303	141.75	A2119000	8.00
5C3304	14.00	<b>60</b>		85D5052	158.00	A2119200	104.00
5C3420	234.00	60D1005	32.75	<b>9</b>		A2119400	3.00
5C3502	21.50	60D1100	575.00	9-090	29.75	A2120300	2445.00
5C3520	200.50	60D3301	139.75	<b>A</b>		A2120400	3696.00
5C3522	148.50	60D3302	178.50	A0000200	429.00	A2121600	65.75
5C352201	148.50	60D3303	141.75	A0000300	446.50	A2121601	91.75
5C3523	28.75	60D5001	165.75	A0000400	307.00	A2121602	79.25
5C3526	129.50	60D5052	251.00	A0000703	704.50	A2121700	238.00
5C5300	61.00	<b>7</b>		A0002700	897.75	A2121800	2044.00
5C6200	742.50	7C1020	1006.00	A0014200	684.75	A2121801	1652.00
5C6220	742.50	7C2001	367.50	A0014300	727.50	A2121802	1620.00
5C6300	742.50	7C2003	256.00	A0063300	65.75	A2121803	1549.00
5C6320	742.50	7C2004	205.75	A0063500	163.25	A2123300	1210.00
5C6500	648.75	7C2006	226.25	A0063600	184.00	A2123401	1126.00
5C6520	644.50	7C2009	30.75	A0064400	145.25	A2123402	755.50
5C6600	644.50	7C3020	1816.00	A0066500	247.75	A2123403	777.00
5C6620	644.50	7C3021	199.00	A0076700	860.75	A2123404	618.25
5C7103	138.75	7C3030	1816.00	A0076701	620.25	A2123405	309.00
5C7112	36.75	7C3040	2608.00	A0076804	772.50	A2123406	309.00
5C7113	67.25	7C3220	167.00	A0076805	1101.00	A2123407	309.00
5C7150	307.75	7F1020	614.25	A0095604	734.00	A2123408	309.00
5C7200	239.00	7F2001	182.00	A0095704	980.50	A2123409	89.75
5C7204	68.00	7F2003	110.75	A0095705	889.50	A2123411	241.00
5C7205	118.00	7F2004	95.00	A0114400	13.00	A2123413	235.75
5C7209	75.00	7F2006	113.50	A2002500	796.75	A2123415	61.00
5F1020	472.50	7F2014	21.25			A2123416	61.00
5F2001	142.25					A2123417	38.00
						A2123418	899.00
						A2123419	899.00

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A2123420	899.00	BR098404	6163.00	CA50D7188	1219.56	E2311800	9.75
A2123421	899.00	BR098405	6941.00	CA50D7189	1219.56	E2312300	64.50
A2123605	122.00	BR098406	7841.00	CA50D7190	1069.50	E2312400	34.50
A2123606	525.00	BR098407	8766.00	CTAR001	195.00	E2312800	133.50
A2123607	2246.00	BR098408	9685.00	CTAR002	201.00	E2314300	75.75
A2123700	9659.00	BR098409	10516.00	CTAR003	262.00	E2318000	67.75
A2123800	7302.00	BR098901	11933.00	CTARE001	1438.00	E2318800	6.75
A2123900	9256.00	BR098902	13163.00	CTARE002	2059.00	E2318900	11.00
A2124000	473.25	BR098903	15160.00	CTARE003	2680.00	E2324000	184.75
A2124004	306.75	BR098904	17734.00	CTARE004	1572.00	E2324200	156.50
A2124005	446.50	BR098905	19082.00	CTARE005	2327.00	E2325000	41.25
A2124006	595.50	BR098906	20756.00	CTARE006	3088.00	E2327500	52.50
A2124009	306.75	BR098907	22651.00	CTH001	450.75	E2327600	30.00
A2124010	306.75	BR534701	3933.00	CTM002	807.75	E2327700	8.25
A2124012	323.50	BR534702	4243.00	CTM003	360.00	E2327800	26.25
A2124013	305.25	BR534703	4553.00	CTM009	2303.00	E2328400	58.50
A2124014	305.25	BR534704	5079.00			E2328500	55.50
A2124100	9750.00	BR534705	5490.00	<b>E</b>		E2328700	27.75
A2124200	7379.00	BR534706	6021.00	E0016000	324.00	E2328800	43.25
A2124300	9347.00	BR534707	6649.00	E0071300	26.25	E2328900	54.25
A2124400	4221.00	BR534708	7342.00	E0076600	67.00	E2329000	139.75
A2132700	4598.00	BR534709	7727.00	E0084400	3.00	E2329100	130.00
A2133616	4029.00	BR665901	5534.00	E0086800	25.25	E2329201	42.25
A2133619	4698.00	BR665902	6099.00	E0088400	52.50	E2329205	5.25
A2133621	3402.00	BR665903	6611.00	E0098300	52.50	E2330100	52.00
A2133622	4011.00	BR665904	7425.00	E0101800	23.25	E2330502	4.25
A2133800	4576.00	BR665905	8283.00	E0102000	3.00	E2330503	4.25
A2133900	7260.00	BR665906	9252.00	E0180500	105.00	E2334701	36.75
A2133901	7651.00	BR665907	10317.00	E0223400	15.25	E2334702	42.75
A2134400	4024.00	BR665908	11283.00	E0234201	100.25	E2334703	42.75
A2134500	4483.00	BR665909	11968.00	E0253100	267.25	E2334800	4.25
A2134700	8982.00			E0253400	189.50	E2335100	8.25
A2135000	8982.00	<b>C</b>		E0253900	65.75	E2339400	44.00
A2135100	7233.00	CA005400	81.00	E2034200	26.25	E2339800	1622.00
A2135200	7233.00	CA005500	166.50	E2034300	26.25	E2340000	66.75
A2135410	3246.00	CA005600	69.25	E2034400	26.25	E2341200	8.00
A2135420	4516.00	CA006203	64.00	E2039500	10.50	E2342500	33.25
A2135500	1413.00	CA006204	64.00	E2073600	301.25	E2342600	47.00
A2135600	1194.00	CA006205	64.00	E2074300	3.00	E2346300	13.50
A2135700	1227.00	CA006207	26.00	E2074503	60.75	E2348100	42.75
A2136100	7005.00	CA006300	109.50	E2074506	60.75	E2348200	42.75
		CA007701	80.00	E2078000	230.25	E2348300	16.75
<b>B</b>		CA007702	111.00	E2103200	26.25	E2348700	213.00
BR001001	4734.00	CA007703	142.00	E2103600	244.00	E2349900	150.50
BR001002	5145.00	CA007704	177.00	E2103800	192.75	E2350300	3.00
BR001003	5661.00	CA007705	209.00	E2103900	229.75	E2350800	336.50
BR001004	6229.00	CA007706	242.00	E2104800	268.25	E2350900	10.25
BR001005	6771.00	CA007707	273.00	E2105400	33.00	E2352600	820.25
BR001006	7489.00	CA007708	85.00	E2105600	93.00	E2353000	139.50
BR001007	8231.00	CA007709	119.00	E2106200	10.25	E2355100	206.25
BR001008	9013.00	CA007710	155.00	E2106800	956.75	E2355200	221.75
BR001009	9572.00	CA007711	188.00	E2106900	764.25	E2355400	74.50
BR010801	14541.00	CA007712	223.00	E2217800	374.00	E2355500	780.00
BR010802	16313.00	CA007713	256.00	E2255800	6.25	E2355600	210.75
BR010803	18645.00	CA007714	292.00	E2255900	6.50	E2355900	668.25
BR010804	21338.00	CA50D7181	1069.50	E2304800	103.00	E2357600	11.75
BR010805	23075.00	CA50D7182	1069.50	E2305400	262.50	E2359200	104.00
BR010806	24908.00	CA50D7183	1069.50	E2305500	262.50	E2359300	1600.00
BR010807	27527.00	CA50D7184	1069.50	E2305900	978.75	E2359700	218.75
BR098401	4618.00	CA50D7185	1069.50	E2307400	33.50	E2360100	1527.00
BR098402	5042.00	CA50D7186	1069.50	E2310400	174.00	E2361900	30.25
BR098403	5489.00	CA50D7187	1219.56	E2311100	277.25	E2361901	26.00

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E2362001	25.25	F2025000	3.00	L2012600	132.50	LMHRD-05-0002	0.75
E2362200	23.50	F2035400	25.25	L2012700	162.75	LMHRD-05-0004	1.00
E2362201	21.50	F2039700	3.00	L2012800	155.50	LMHRD-05-000E	4.75
E2362300	22.50	F2057200	3.00	L2012900	127.25	LMHRD-15-005C	8.75
E2362301	26.00	F2057300	3.00	L2013000	26.25	LMHRD-19-0002	110.50
E2362302	23.50			L2018804	1330.00	LUFUSE0440	6.25
E2363100	25.75	<b>K</b>		L2019500	2977.00	LUFUSE0443	6.25
E2363400	24.75	K0010302	43.00	L2019900	4700.00	LULAMP2289	48.75
E2366001	297.75	K0010303	43.00	L2020600	3418.00	LUSW1145	97.50
E2366100	3.00	K0010304	43.00	L2021400	2833.00	LUSW9156	73.25
E2366700	35.50	K0010305	68.00	L2021801	3728.00	LVLUG2340	45.75
E2366900	111.25			L2021802	4038.00	LVLUG3660	791.75
E2367900	53.75	<b>L</b>		L2021803	2454.00	LVLUG5000	3.25
E2368300	146.75	L0032200	12.75	L2021900	4069.00	LWFS25F	286.25
E2371200	44.50	L0032600	12.75	L2022000	2547.00	LWFSB	213.25
E2372500	3.00	L0032700	12.75	L2022100	5193.00	LWFSNR	213.25
E2372700	10.00	L0032800	12.75	L2022101	5704.00	LXPLG5580	91.50
E2374600	366.50	L0032900	12.75	L2022200	4068.00		
E2376300	202.75	L0050200	17.50	L2022201	4377.00	<b>P</b>	
E2376500	13.75	L0050300	12.75	L-3-20-0013	15576.20	P0001100	7.75
E2376600	47.75	L0052300	17.25	L-3-20-0014	17485.55	P0001400	16.25
E2376700	657.25	L0052500	22.25	L-3-20-0015	19868.60	P0001500	24.50
E2378600	12.25	L0056500	39.50	L-3-20-0028	23681.10	P0003900	10.75
E2382700	199.00	L0057700	104.00	L-3-20-0029	30858.10	P0004100	6.00
E2382800	1641.00	L0062900	8.00	L40003	57.86	P0004101	10.00
E2382900	1331.00	L0063000	15.75	L5086	70.25	P0008400	9.75
E2383000	453.00	L0063300	69.00	L5452	1633.00	P0008600	20.50
E2383400	9.50	L0063402	108.00	L5454	1249.00	P0008700	34.75
E2383500	454.25	L0063403	132.25	L5457	152.25	P0008900	75.50
E2384000	456.25	L0063404	108.00	L5465	831.50	P0009600	26.50
E2385300	748.00	L0063405	141.75	L5529	594.00	P0011100	3.00
E2385500	81.25	L0063413	132.25	L5531	286.25	P0011300	5.25
E2386300	103.75	L0063414	141.75	L5539G	390.00	P0012300	7.25
E2387600	364.00	L0063416	139.00	L5541	140.25	P0012400	10.25
E2387700	138.75	L0063418	162.75	L5575	6.25	P0014100	4.50
E2389700	63.50	L0063702	104.75	L5681	70.25	P0015100	7.50
E2392600	142.50	L0063703	122.25	L5683	1419.00	P0015500	6.00
E2393000	38.00	L0063704	129.25	L5685	1419.00	P0015700	8.75
E2394401	96.50	L10024	3410.60	L5734-120KIT	718.75	P0016100	12.50
E2394600	14.00	L10025	395.90	L5735	444.75	P0016900	33.50
E2395201	85.00	L10027	1400.80	L64001-1	14160.15	P0018000	13.00
E2395500	82.50	L10028-1	137.05	L-A-MXV-0001	4789.65	P0019100	12.75
E2395600	67.75	L10028-2	137.05	L-A-MXV-0004	5350.85	P0019500	9.75
E2400100	6.75	L10035	152.52	LEB5516	688.25	P0019800	11.25
E2400200	153.25	L2002200	7.00	LEB5517	688.25	P0020300	15.00
E2400300	105.00	L2002500	8.00	LEB5518	825.25	P0021100	12.75
		L2002600	8.00	LEB5518-23	825.25	P0021200	12.50
<b>F</b>		L2002700	8.00	LEBNB5515	822.25	P0021700	20.25
F0002100	3.00	L2002800	9.75	LEBND55670	877.00	P0022100	28.00
F0029300	3.00	L2002900	9.75	LEBNSQ5639	1249.00	P0022600	15.00
F0031700	3.00	L2005300	9.75	LEBNTB5669	1718.00	P0025300	20.25
F0032300	3.00	L2006100	6.75	LMHRD-01A-000	3.00	P0026800	6.00
F0034000	3.00	L2006400	7.75	LMHRD-01B-000	1.75	P0026900	9.75
F0035900	3.00	L2006700	7.75	LMHRD-01B-000	4.00	P0027100	9.75
F0040800	3.00	L2007000	13.25	LMHRD-01B-000	13.00	P0030400	33.25
F0046100	3.00	L2007300	9.50	LMHRD-03-0007	21.00	P0030500	31.00
F0051400	3.00	L2007600	16.75	LMHRD-03-0012	5.75	P0030600	44.50
F2011600	3.00	L2007900	9.50	LMHRD-03-0013	0.75	P0030700	50.00
F2013802	10.00	L2010002	38.75	LMHRD-03-0014	3.25	P0030800	76.00
F2015500	3.00	L2011300	8.00	LMHRD-03-0015	6.75	P0037800	41.75
F2022300	19.00	L2012200	409.00	LMHRD-03-0016	15.50	P0053400	29.25
F2022400	3.00	L2012400	26.25	LMHRD-03-0017	24.50	P0054900	14.50
F2024900	5.00	L2012500	534.75	LMHRD-05-0001	0.75	P0071500	3.00

<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>
P2005400	29.00	P2090700	8.00	R0050800	66.00	R10526109	296.75
P2005500	36.75	P2090900	37.00	R0050801	67.25	R10526400	392.25
P2008900	6.50	P2091000	88.50	R0060600	91.00	R10534101	4797.00
P2009400	180.00	P2091100	43.00	R0061600	84.00	R10534102	4906.00
P2012500	9.25	P2091600	91.25	R0081100	538.00	R10534103	5107.00
P2014200	5.50	P2092800	28.00	R0081200	562.00	R10534104	5560.00
P2014300	32.75	P2095800	21.25	R0081300	577.50	R10534105	5829.00
P2015900	5.00	P2095900	13.25	R0081400	624.50	R10534106	6199.00
P2016000	3.00	P2096500	70.75	R0095501	1124.00	R10534107	6641.00
P2019500	34.25	P2096600	14.75	R0095502	1223.00	R10534108	7047.00
P2022100	27.00	P2097800	39.00	R0095503	1471.00	R10534109	7302.00
P2023801	146.25	P2097900	54.75	R0095504	1681.00	R10536901	1484.00
P2024400	49.00	P2100900	27.25	R0095505	1963.00	R10536902	1599.00
P2032300	19.25	P2101300	179.25	R0095601	1312.00	R10536903	1687.00
P2032400	3.00	P2103300	42.50	R0095602	1588.00	R10536904	1751.00
P2039400	15.00	P2104000	5.75	R0095603	1902.00	R10536905	1949.00
P2041200	3.75	P2105100	42.50	R0095604	2206.00	R10536906	1969.00
P2042300	16.75	P2107200	15.00	R0095605	2555.00	R10536907	2205.00
P2044000	45.25	P2109300	38.00	R0095900	203.00	R10536908	2322.00
P2045300	9.75	P2109800	204.00	R0096000	172.50	R10536909	2229.00
P2049000	6.25	P2110600	8.75	R0097100	232.50	R10547601	5656.00
P2051600	56.75	P2110700	41.50	R0099400	226.25	R10547602	5869.00
P2052200	52.25	P2112100	54.25	R0314702	201.00	R10547603	6070.00
P2054300	39.75	P2134000	42.25	R0314703	201.00	R10547604	6471.00
P2054400	45.00	P2134900	6.25	R0314704	214.50	R10547605	6740.00
P2054500	39.00	P2135100	4.75	R0314705	227.00	R10547606	7110.00
P2064200	28.00	P2136800	10.50	R0317200	106.75	R10547607	7552.00
P2067604	23.50			R0318602	345.75	R10547608	7905.00
P2067701	13.00	<b>Q</b>		R0318603	314.25	R10547609	8161.00
P2068500	140.75	Q0068441	12.75	R0318604	338.00	R10550601	2182.00
P2069000	35.00	Q0068465	69.25	R0318605	386.25	R10550602	2275.00
P2069202	12.75	Q0068468	69.00	R0318702	681.75	R10550603	2447.00
P2070700	8.00	Q0068469	69.25	R0318703	745.50	R10550604	2825.00
P2072200	28.75	Q0068470	45.25	R0318704	724.50	R10550605	3108.00
P2072800	17.25	Q0068471	69.75	R0318705	771.75	R10550606	3373.00
P2073200	3.00	Q0068472	45.75	R0325301	716.25	R10550607	3587.00
P2076400	26.50	Q0068473	46.00	R0325302	749.00	R10550608	3943.00
P2076500	89.00	Q0078821	10.50	R0325303	828.25	R10550609	4133.00
P2077700	34.00	Q2016900	31.50	R0325304	889.75	R10570302	1968.00
P2077800	24.00	Q2023501	11.50	R0325305	1001.00	R10570303	1948.00
P2079000	20.00	Q2023502	12.50	R0360500	860.75	R10570304	2085.00
P2079200	5.50	Q2023503	14.50	R0360900	151.75	R10570305	2239.00
P2080200	29.25	Q2023504	31.25	R0384800	875.75	R10697402	35.00
P2080300	5.00	Q2023505	32.00	R0385200	213.25	R10697402-8	92.00
P2080400	12.00	Q2023506	33.75	R0408200	672.50	R10697403	29.50
P2080500	11.75	Q2023701	69.75	R10-143	45.75	R10697403-8	154.50
P2081000	22.25	Q2023702	89.25	R10314902	45.00	R10697404	30.00
P2081500	12.00	Q2023703	81.50	R10314903	56.50	R10697404-8	158.50
P2081700	14.75	Q2023704	90.00	R10314904	58.25	R10697405	48.75
P2082201	3.50	Q2023705	81.50	R10314905	60.50	R10697405-8	118.75
P2082202	3.00	Q2023706	111.75	R10364504	555.25	R10726402	2224.00
P2083900	37.00	Q2023707	70.00	R10418805	84.75	R10726403	2563.00
P2084800	17.50	Q2023708	91.75	R10418814	85.00	R10726404	2686.00
P2085100	3.00	Q2023709	84.00	R10418815	115.75	R10726405	3051.00
P2085700	25.50	Q2023710	82.50	R10418816	85.25	R10956000	52.00
P2086500	234.50			R10526101	217.50	R10D5021	155.00
P2086600	326.25	<b>R</b>		R10526102	233.75	R10J1218	283.50
P2088300	41.25	R0011600	134.50	R10526103	251.25	R10J1218P	286.50
P2089000	4.25	R0011900	202.25	R10526104	292.25	R10J1219	255.50
P2089300	25.00	R0012200	41.25	R10526105	296.75	R10J1221	233.00
P2089600	27.00	R0015000	1189.00	R10526106	266.25	R10J1234	65.75
P2090500	5.25	R0021300	120.00	R10526107	286.00	R10J1245	59.25
P2090600	9.25	R0021901	642.25	R10526108	292.50	R10J1251	249.00

Effective December 6, 2021

<b>Part No.</b>	<b>List Price</b>	<b>Part No.</b>	<b>List Price</b>	<b>Part No.</b>	<b>List Price</b>	<b>Part No.</b>	<b>List Price</b>
R10J3057	699.25	R20051709	4392.00	R2014600	157.25	R20516306	6289.00
R10J5150	379.75	R2005200	666.25	R2014601	167.00	R20516307	6731.00
R10J7008	308.50	R20052501	4524.00	R2014700	175.50	R20516308	7032.00
R10J7207	130.00	R20052502	5017.00	R2014800	133.00	R20516309	7287.00
R10T2000	27641.00	R20052503	5888.00	R2014901	4956.00	R20607400	257.75
R1-592	18.25	R20052504	6110.00	R2014902	6012.00	R20607600	1314.00
R15D1002	127.25	R20052505	6725.00	R2014903	6848.00	R20607700	1501.00
R15D1004	57.75	R20052506	7152.00	R2014904	9286.00	R2060900	712.50
R15D1100	244.25	R20052507	7825.00	R2014905	11559.00	R2061000	1619.00
R15D3001	225.00	R2005300	97.25	R2015000	79.75	R2061100	94.50
R15D3002	225.00	R2005400	1095.00	R20150302	714.75	R2061200	62.00
R15D3102	57.50	R2005500	179.75	R20150303	816.00	R2061400	384.25
R15D3303	95.75	R2005600	117.25	R2015700	718.75	R2061401	254.25
R15T2000	38380.00	R2005700	735.75	R2016300	23048.00	R2069103	764.00
R16N2070	45800.00	R2005800	238.50	R2016301	25741.00	R2069104	1061.00
R16N2070W	45800.00	R2005900	519.50	R2016400	24610.00	R2069105	1139.00
R16N2180	45896.00	R2006000	198.25	R2016401	27663.00	R2069106	1139.00
R16N2180W	45896.00	R2006100	80.50	R2016500	2219.00	R2069107	1217.00
R17J1216	218.75	R2006200	185.00	R2016600	2513.00	R2069108	1271.00
R17J1216P	221.75	R2006300	53.25	R2016700	377.25	R2069109	1441.00
R17J1219	314.25	R2006400	43.50	R2016800	402.75	R2069200	79.00
R17J1221	235.25	R2006500	44.00	R2017000	3063.00	R2069300	85.25
R2001000	26875.00	R2006600	315.25	R2017001	1915.00	R2069400	68.75
R2001001	30639.00	R2006700	137.00	R2017100	11849.00	R2069700	351.25
R2001300	891.50	R2006800	229.75	R2017101	18257.00	R2071400	133.25
R2002200	60.00	R2006900	98.50	R2017200	13043.00	R2071500	133.25
R2002300	2686.00	R2007000	74.50	R2017201	20258.00	R2071700	1487.00
R2002400	82.50	R2007100	151.25	R2022400	143.50	R2073200	72.25
R2002500	849.50	R2007300	224.75	R2022700	2543.00	R2073400	131.75
R2002600	525.75	R2007400	89.00	R2022800	2656.00	R2073804	33.25
R2002700	456.75	R2007500	134.75	R2023300	329.00	R2073812	48.25
R2002800	3164.00	R2007600	64.00	R2023400	338.50	R2073815	54.00
R2002801	1915.00	R2007700	92.00	R2023500	240.75	R2073903	18.00
R2003000	557.00	R2007800	94.25	R20255401	506.25	R2073904	19.00
R2003100	15282.00	R2007900	2873.00	R2026701	8169.00	R2073909	33.50
R2003101	24261.00	R2008000	385.50	R2026702	10227.00	R2074401	12.75
R2003300	992.75	R2008200	318.00	R2026900	635.25	R2074402	13.50
R2003400	2615.00	R2008300	36.25	R2027400	2598.00	R2074405	15.75
R2003500	1155.00	R2008400	337.00	R2027500	1596.00	R2074420	25.75
R2003600	3774.00	R20094900	384.75	R2027700	95.50	R2074503	48.50
R2003700	157.50	R2010100	1222.00	R2027801	6930.00	R2075100	572.00
R2003800	494.25	R2010500	542.75	R2027802	8747.00	R2075801	252.75
R2004000	256.50	R2010700	69.50	R2027803	9987.00	R2075802	227.25
R2004100	256.50	R2010800	21013.00	R2027804	12211.00	R2075803	406.50
R2004200	361.75	R2010801	22600.00	R2027805	13191.00	R2075804	271.50
R2004300	32.75	R2010900	395.50	R2027806	15099.00	R2075805	240.00
R2004400	1860.00	R2011000	3063.00	R2027807	15759.00	R2075806	438.00
R2004500	274.50	R2011001	1705.00	R2027901	228.00	R2075807	278.50
R2004600	124.25	R2011300	446.00	R2027902	220.00	R2075808	253.00
R2004700	140.50	R2011400	785.50	R20515901	5533.00	R2075809	457.75
R20047801	619.00	R2011500	3174.00	R20515902	5747.00	R2075810	237.75
R2004800	67.75	R2011600	206.75	R20515903	5948.00	R2075811	285.25
R2004900	4032.00	R2012100	2497.00	R20515904	6454.00	R2075812	336.75
R2005000	223.25	R2012200	189.50	R20515905	6723.00	R2075813	383.25
R2005100	141.00	R2012700	1090.00	R20515906	7092.00	R2075900	362.50
R20051701	1903.00	R2012800	2400.00	R20515907	7482.00	R2076102	1033.00
R20051702	2122.00	R2012900	274.75	R20515908	7835.00	R2076103	1154.00
R20051703	2357.00	R2013200	1862.00	R20515909	8144.00	R2076104	1036.00
R20051704	2596.00	R2013300	9504.00	R20516301	4835.00	R2076105	1156.00
R20051705	3002.00	R2013301	14199.00	R20516302	5048.00	R2076201	1138.00
R20051706	3335.00	R2013400	8451.00	R20516303	5250.00	R2076202	1126.00
R20051707	3715.00	R2014400	615.50	R20516304	5598.00	R2076203	1069.00
R20051708	4109.00	R2014500	145.50	R20516305	5867.00	R2076301	261.25



<b>Part No.</b>	<b>List Price</b>	<b>Part No.</b>	<b>List Price</b>	<b>Part No.</b>	<b>List Price</b>	<b>Part No.</b>	<b>List Price</b>
R2076302	246.75	R2083100	314.00	R30-227	24.50	R50D3102	61.00
R2076303	236.50	R2083200	148.00	R30D1004	51.50	R50D3200	403.75
R2076304	258.25	R2083400	318.25	R30D1100	285.00	R50D3204	62.00
R2076600	75.25	R2083700	1975.00	R30D3001	285.75	R50D3301	130.25
R2076801	567.50	R2083701	1836.00	R30D3002	285.75	R50D3302	143.00
R2076802	567.50	R2083800	2220.00	R30D3005	71.50	R50D4020	262.50
R2076803	565.75	R2083802	2234.00	R30D3102	57.50	R50D7001	146.00
R2076804	515.00	R2083900	2183.00	R30D3301	119.00	R50D7002	47.00
R2077900	58.75	R2084001	56.75	R30D3302	108.25	R50D7003	51.25
R2078101	410.25	R2084002	56.75	R30D3303	140.25	R50D7402	387.25
R2078102	568.00	R2084003	56.75	R30D5013	53.25	R50D7404	387.25
R2078103	577.75	R2084004	56.75	R30N2070	53576.00	R50D7406	387.25
R2078104	724.50	R2084005	56.75	R30N2070W	53576.00	R50D7408	387.25
R2078105	745.50	R2084006	56.75	R30N2185	53695.00	R50D7409	387.25
R2078106	934.50	R2084007	56.75	R30N2185W	53695.00	R50D7410	387.25
R2078107	958.75	R2084008	56.75	R30N5113	310.00	R50D7411	387.25
R2079300	1258.00	R2084009	56.75	R30N6027	72.50	R50D7412	387.25
R2079700	1003.00	R2084010	56.75	R30T2000	57301.00	R50D7413	387.25
R2080201	2916.00	R2084101	110.25	R35N2180	64522.00	R5C2202	77.00
R2080202	2916.00	R2084102	110.25	R35N2180W	64522.00	R5C2602	77.00
R2080203	2916.00	R2084103	110.25	R3C3320	319.00	R60D3200	429.25
R2080401	2743.00	R2084104	110.25	R3C4000	2607.00	R60D3201	441.75
R2080402	2743.00	R2084105	110.25	R3C4100	1643.00	R60D3202	425.75
R2080403	2743.00	R2084106	110.25	R3C4120	2224.00	R60D3203	446.00
R2080404	2743.00	R2084107	110.25	R3C4300	3091.00	R60D3204	458.50
R2081101	2919.00	R2084108	110.25	R3F4205	2469.00	R60D3205	442.50
R2081102	2919.00	R2084200	183.25	R3F4205W	2311.00	R70-216	84.50
R2081103	2919.00	R2084301	482.50	R3F4405	3049.00		
R2081104	2919.00	R2084302	451.25	R3F4405W	3049.00	<b>RA</b>	
R2081105	2919.00	R2084400	1065.00	R40D1001	118.50	RA0001200	150.50
R2081106	2919.00	R2084500	733.25	R40D1100	304.25	RA0079000	107.75
R2081301	304.00	R2084600	865.25	R40D3001	282.50	RA2107500	796.75
R2081302	331.75	R2084700	138.50	R40D3002	289.25	RA2108500	2481.00
R2081303	358.75	R2084800	1319.00	R40D3102	54.50	RA2110000	1225.00
R2081304	380.00	R2085100	28.50	R40D3301	127.50	RA2112200	1509.00
R2081305	242.75	R2085200	38.00	R40D3302	129.25	RA2112201	1591.00
R2081306	303.75	R2085500	430.00	R40D3303	122.25	RA2112209	1020.00
R2081307	472.75	R2085501	438.00	R40N2070	64360.00	RA2112212	1856.00
R2081308	261.75	R2085600	206.00	R40N2070W	64360.00	RA2112213	1488.00
R2081309	316.50	R2085700	106.00	R40N2180	64529.00	RA2112217	1170.00
R2081310	504.50	R2085800	302.00	R40N2180W	64529.00	RA2112229	1243.00
R2081311	268.50	R2085900	123.25	R4C3320	346.25	RA2112230	865.25
R2081312	329.50	R2086900	261.25	R4C4000	2862.00	RA2112235	2553.00
R2081313	524.25	R20D3120	57.50	R4C4100	1993.00	RA2112236	2532.00
R2081401	115.75	R20D3301	104.25	R4C4120	2813.00	RA2113100	1642.00
R2081900	1251.00	R20D3303	130.50	R4C4300	3554.00	RA2113602	117.75
R2082002	257.00	R20D4020	193.00	R4F4205	3260.00	RA2114200	1180.00
R2082200	1711.00	R20N2070	45749.00	R4F4205W	3260.00	RA2114500	1148.00
R2082201	1889.00	R20N2070W	45749.00	R4F4405	3465.00	RA2117201	1618.00
R2082202	2133.00	R20N2180	45864.00	R4F4405W	3465.00	RA2117202	1633.00
R2082300	1666.00	R20N2180W	45864.00	R50D1001	79.50	RA2117203	1788.00
R2082301	1691.00	R20T2000	46550.00	R50D1002	79.50	RA2117204	2100.00
R2082302	1737.00	R25N2180	53696.00	R50D1003	79.50	RA2120600	1706.00
R2082303	1752.00	R25N2180W	53696.00	R50D1004	55.00	RA2120700	1877.00
R2082304	1914.00	R2C3320	298.50	R50D1005	47.00	RA2120800	4213.00
R2082305	1921.00	R2C4000	2410.00	R50D1006	39.25		
R2082500	132.25	R2C4100	1371.00	R50D1100	323.50	<b>RD</b>	
R2082600	1668.00	R2C4120	1764.00	R50D2021	96.75	RD0091001	63.50
R2082700	1222.00	R2C4300	2694.00	R50D3001	282.50	RD0091101	57.00
R2082800	1245.00	R2F4205	2429.00	R50D3002	320.25	RD0091202	68.00
R2082900	2259.00	R2F4205W	2429.00	R50D3003	83.00	RD0091203	50.75
R2082901	2175.00	R2F4405	2879.00	R50D3004	83.00	RD0091205	62.50
R2083000	362.50	R2F4405W	2879.00	R50D3101	189.00	RD0091206	39.75

<b>Part No.</b>	<b>List Price</b>	<b>Part No.</b>	<b>List Price</b>	<b>Part No.</b>	<b>List Price</b>	<b>Part No.</b>	<b>List Price</b>
RD0091207	52.50	<b>RP</b>		RV2003000	81.50	RXN7110-9000	1722.00
RD2010213	76.25	RP2050100	123.00	RV2017600	239.75	<b>S</b>	
<b>RE</b>		RP2051400	141.50	RV2017700	981.50	S0024600	36.75
RE0013000	317.50	RP2051500	164.50	RV2017902	367.50	S0063700	13.25
RE0014400	251.75	RP2052800	67.50	RV2017903	393.75	S0064900	3.00
RE0015900	271.50	RP2052900	67.75	RV2017904	619.75	S0070800	4.25
RE0066200	563.50	RP2053000	46.25	RV2019200	750.50	S0071800	386.00
RE0093200	317.75	RP2056100	39.00	RV2019300	82.25	S0076400	42.25
RE0100900	250.50	RP2056500	166.75	RV2019400	138.50	S0076401	264.25
RE0240900	76.00	RP2065600	226.75	RV2026300	3837.00	S0076500	13.25
RE0254000	611.25	RP2067000	60.25	RV2028100	2882.00	S0077700	66.25
RE2033900	252.00	RP2078900	36.75	RV2028600	4155.00	S0079100	549.75
RE2043600	48.50	<b>RS</b>		<b>RW</b>		S0079200	210.50
RE2058300	86.50	RS2104900	57.25	RW0030000	287.75	S0095100	40.50
RE2074000	131.25	RS2105200	39.50	RW0034500	267.25	S0095300	65.75
RE2075100	459.75	RS2107500	60.50	RW2001800	246.75	S0095600	31.50
RE2076500	568.75	RS2108500	58.00	RW2001900	248.50	S0108400	7.75
RE2077700	162.50	RS2108600	183.50	RW2002300	109.25	S2006700	31.50
RE2077701	162.50	RS2108700	259.75	RW2013300	57.25	S2011100	63.75
RE2079100	177.75	RS2108801	515.75	RW2013400	57.25	S2011900	167.75
RE2105500	710.75	RS2109100	99.75	RW2014100	232.25	S2012500	13.25
RE2107300	594.75	RS2110900	5037.00	RW2014101	230.25	S2012700	13.25
RE2217700	370.25	RS2111000	7420.00	RW2014900	182.25	S2014100	8.00
RE2218701	874.75	RS2111100	10383.00	RW2014901	180.75	S2014300	25290.00
RE2310500	74.25	RS2111200	13899.00	RW2015900	168.25	S2014400	21635.00
RE2313900	594.75	RS2111300	17077.00	RW2016000	155.00	S2100900	7.00
RE2319700	88.00	RS2111310	17207.00	<b>RX</b>		S2101100	6.00
RE2319800	95.00	RS2111400	20472.00	RXD7146	1102.00	S2101300	4.75
RE2319900	86.50	RS2111500	22899.00	RXD7147	1102.00	S2102600	92.00
RE2320600	89.25	RS2112801	201.75	RXD7147	1102.00	S2104300	13.25
RE2322700	77.50	RS2113000	68.75	RXD7148	1102.00	S2104400	8.00
RE2331700	94.25	RS2114300	1470.00	RXD7149	1102.00	S2104500	7.25
RE2333500	200.50	RS2115301	399.00	RXD7150	1102.00	S2104600	13.25
RE2334000	309.75	RS2115400	466.25	RXD7151	1102.00	S2112600	3.00
RE2334700	77.50	RS2116200	1441.00	RXD7152	1102.00	S2112700	3.00
RE2337701	275.25	<b>RT</b>		RXD7153	1102.00	S2113100	22.00
RE2337702	272.25	RT2109001	98.75	RXD7196	1102.00	S2114000	4.25
RE2337703	272.25	RT2110301	103.25	RXD7197	1102.00	S2114700	38432.00
RE2343300	120.50	RTXD7109	711.75	RXD7200	650.75	S2115501	654.25
RE2344300	325.00	RTXD7110	672.75	RXD7201	650.75	S2115502	703.00
RE2344301	336.00	RTXD7111	672.75	RXD7202	650.75	S2115506	703.00
RE2344900	52.25	RTXD7112	672.75	RXD7203	650.75	S2115601	440.25
RE2344901	51.00	RTXD7113	672.75	RXD7204	650.75	S2115602	432.25
RE2344904	50.50	RTXD7114	672.75	RXD7205	650.75	S2116500	6.75
RE2347200	423.25	RTXD7115	879.00	RXD7206	854.75	S2116600	6.00
RE2353601	31.50	RTXD7116	879.00	RXD7207	854.75	S2116800	18.50
RE2354000	68.75	RTXD7117	879.00	RXD7208	854.75	S2116900	3.00
RE2370700	137.00	<b>RV</b>		RXD7211	1102.00	S2117200	11.50
RE2404900	1219.00	RV0004800	115.00	RXD7212	1102.00	S2117800	27144.00
RE2404903	1240.00	RV0046600	442.75	RXD7213	1102.00	S2117803	27029.00
RE2404904	1240.00	RV0046700	526.25	RXD7214	1102.00	S2117900	3.00
<b>RF</b>		RV0047700	636.00	RXD7215	1102.00	S2120100	3.00
RF0044800	103.50	RV0051200	656.25	RXD7216	1102.00	S2120700	3.00
RF2012800	17.25	RV0051300	745.25	RXD7234	650.75	S2123500	4.75
RF2029200	17.25	RV0051400	808.00	RXN7076	1319.00	S2124100	54.50
<b>RL</b>		RV0072700	527.00	RXN7077	1319.00	S2124600	53.00
RL0052300	168.50	RV0072900	2183.00	RXN7078	1319.00	S2124800	4.25
RL2005800	682.50	RV0073100	410.25	RXN7079	1319.00	S2125100	80.00
RL2020200	1640.00	RV2000200	55.25	RXN7080	1319.00	S2125200	65.75
		RV2001900	1197.00	RXN7081	1319.00	S2125300	43.50
				RXN7082	1319.00	S2125500	79.75
				RXN7083	1319.00	S2125600	65.75

Effective December 6, 2021

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
S2126500	42.75	T2017500	25.50	V2025400	1784.00		
S2129000	91.00	T2017900	72.00	V2025500	1918.00		
S2130200	3.00	T2018000	86.00	V2025600	1922.00		
S2131100	10.75	T2018100	31.50	V2025700	1940.00		
S2131304	71.25	T2023602	387.00	V2026200	1181.00		
S2131305	115.25	T2108802	294.25	V2026400	1004.00		
S2131900	4.50	T2108803	335.50	V2026500	1528.00		
S2132800	8.25	T2108804	398.75	V2026600	2536.00		
S2132900	34.50	T2115600	63.25	V2027900	2652.00		
S2134100	54.25	T2115700	64.00	V2028000	2961.00		
S2134400	54.25	T2115800	58.00	V2028300	2212.00		
S2135300	556.25	T2115900	64.00	V2028500	264.00		
S2135501	197.50	T2116000	92.25				
S2135502	232.18	T2116100	98.50	<b>W</b>			
S2135503	248.14	T2116200	41.75	W0002000	50.75		
S2135504	254.80	T2116300	41.75	W0002100	52.50		
S2135700	3.00			W0019300	152.00		
S2136300	101.75	<b>V</b>		W0034400	182.75		
S2136400	598.25	V0001800	248.00	W0034600	125.25		
		V0004200	116.25	W0035900	35.50		
<b>T</b>		V0004300	148.50	W0036300	52.50		
T0024302	351.50	V0026700	667.00	W0036400	16.25		
T2000102	244.25	V0026900	1377.00	W0036500	31.50		
T2003802	422.00	V0027000	2746.00	W0039600	65.75		
T2003902	422.00	V0046800	530.25	W0041100	28.25		
T2004002	416.50	V0046900	850.25	W2000200	130.00		
T2005602	271.50	V0047600	504.50	W2000300	36.75		
T2005702	268.50	V0047800	733.00	W2001300	192.75		
T2005802	356.75	V0047900	1391.00				
T2005902	125.50	V0048100	621.25	<b>X</b>			
T2006002	231.50	V0048200	759.00	XN712001	2199.00		
T2006102	363.00	V0048300	952.25	XN712002	2199.00		
T2006202	167.25	V0048400	534.25	XN712003	2198.00		
T2006302	308.75	V0048500	702.25	XN712004	2402.00		
T2006402	507.75	V0048600	2211.00	XN712005	2381.00		
T2006502	305.00	V0049900	1517.00	XN712006	2489.00		
T2006602	363.00	V0054800	708.75	XN712007	2717.00		
T2006702	193.00	V0054900	772.75	XN712008	2381.00		
T2006802	415.00	V0077200	176.25	XN712009	2489.00		
T2006902	323.50	V0079400	142.75	XN712010	2717.00		
T2007002	214.50	V0079500	299.25	XN712011	2381.00		
T2007102	348.25	V2000500	1044.00	XN712012	2489.00		
T2008300	32.75	V2000900	1123.00	XN712013	2717.00		
T2008400	93.75	V2001000	1284.00	XN715001	2211.00		
T2008500	93.75	V2003100	95.75	XN715002	2225.00		
T2015500	62.00	V2013800	386.25	XN715003	2225.00		
T2015600	52.50	V2013900	534.75	XN715005	2408.00		
T2015601	34.75	V2016000	286.25	XN715006	2515.00		
T2015700	69.75	V2017500	3.00	XN715007	2743.00		
T2015808	76.50	V2019600	807.75	XN715008	2408.00		
T2015809	76.50	V2019700	2119.00	XN715009	2515.00		
T2015810	76.50	V2021200	3657.00	XN715010	2743.00		
T2015900	89.00	V2021900	95.00	XN715011	2408.00		
T2016200	65.25	V2022000	372.00	XN715012	2498.00		
T2016300	33.25	V2022100	150.00	XN715013	2743.00		
T2016500	68.00	V2022200	47.00	XN716001	2225.00		
T2016600	62.75	V2022300	8773.00	XN716002	2225.00		
T2016800	59.25	V2022400	370.00	XN716003	2225.00		
T2016900	57.25	V2023000	2741.00	XN716004	2429.00		
T2017100	81.75	V2023200	330.00				
T2017200	58.25	V2024400	92.25				
T2017300	69.00	V2025200	809.75				
T2017400	92.00	V2025300	923.00				

