

HEATERS & HEAT PUMPS PARTS

Product Catalog 2025 - 2026

Updated June 2025

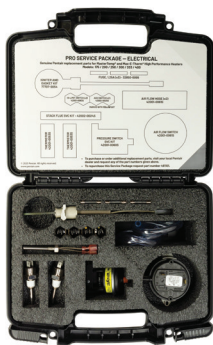
This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

HEATER MASTER KITS

REPLACEMENT PARTS



Part No.	Description	Qty.	US List	Can. List
HEATER MASTER KIT - ALL				
461100	HEATER MASTER KIT - ALL		1824.41	2192.21
Included in Kit	32850-099Z "Fireman's Switch Fuse (1.25 amps)"	3		
	U9-226Z ORNG #2-226 70 DURO BUNA	2		
	472610Z Membrane Pad (NA, LP Series)	1		
	476223 Ignition Control Module	1		
	42001-0053S Thermistor	2		
	42001-0060S Water Pressure Switch	1		
	42001-0061S Air Flow Switch	1		
	42001-0063S High Limit Switch	2		
	42001-0107Z Transformer, 115/230V	1		
	461105 Control Board Kit (NA, LP Series)	1		
	42002-0024S Stack Flue Sensor	1		
	42002-0025S Automatic Gas Shutoff Switch (AGS)	2		
	77707-0001 Manifold Bypass Valve Kit	1		
	77707-0010 "Thermal Regulator Kit (Incl. Spring, O-ring, Cap and Spring Clip)"	1		
	77707-0054 Igniter/Igniter Gasket Kit	1		



HEATER MASTER KIT - ELECTRICAL				
461101	HEATER MASTER KIT - ELECTRICAL		793.22	953.13
Included in Kit	32850-0099Z "Fireman's Switch Fuse (1.25 amps)"	3		
	42001-0053S Thermistor	2		
	42001-0060S Water Pressure Switch	1		
	42001-0061S Air Flow Switch	1		
	42001-0063S High Limit Switch	2		
	42002-0024S Stack Flue Sensor	1		
	42002-0025S Automatic Gas Shutoff Switch (AGS)	2		
	77707-0054 Igniter/Igniter Gasket Kit	1		



HEATER MASTER KIT - WATER				
461102	HEATER MASTER KIT - WATER		634.56	762.49
Included in Kit	42001-0053S Thermistor	2		
	42001-0060S Water Pressure Switch	1		
	42001-0063S High Limit Switch	2		
	42002-0025S Automatic Gas Shutoff Switch (AGS)	2		
	77707-0001 Manifold Bypass Valve Kit	1		
	77707-0010 "Thermal Regulator Kit (Incl. Spring, O-ring, Cap and Spring Clip)"	1		

Compatible with Pentair MasterTemp® High-Performance Heaters, Sta-Rite Max-E-Therm® High-Performance Heaters, Models 175/200/250/300/333/400.

Not compatible with 125,000 BTU heater.

Save money by purchasing commonly used replacement parts in one handy, reusable hard case. Conveniently refill by ordering individual parts.

CALIFORNIA PROPOSITION 65 WARNING

⚠️ **WARNING:** Cancer and Reproductive Harm.
 ⚠️ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
 ⚠️ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov

ETi® 400 HEATER

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List	Item	Part No.	Description	US List	Can. List
SYSTEM					35	475622	Vent Socket	134.86	162.05
1	475978	Fan Control Board	229.31	275.54	36	475623	TitanTough Heat Exchanger	7124.52	8560.82
2	475984	Membrane Pad	119.19	143.22	37	475624Z	Burner	225.43	270.88
3	475985	AGS 150 degree F	91.71	110.20	38	476000	Combustion Blower Replacement Kit	404.68	486.26
4	475987	Air Pressure Switch	132.98	159.79	39	476001	Gas Control Valve Replacement Kit	CALL	CALL
5	475996	Wire Harness	539.62	648.41	40	38404-4097S	3/4 in. Union	58.00	69.69
6	475998	Thermal Fuse (white)	114.59	137.69	41	42001-0063S	High Limit Switch	100.86	121.19
7	475601Z	Stack Flue Sensor (blue)	CALL	CALL	42	U178-920PZ	Drain Plug	8.07	9.70
8	476081Z	Gas Engine Spark Electrodes	208.90	251.01	43	476002	Manifold	580.14	697.10
9	475982	Spark Electrodes Cables	197.21	236.97	44	476003	Manifold-Enclosure Fasteners	179.83	216.08
10	475980Z	Condensate Assembly/Float Switch	367.89	442.06	45	476004	Hold Down Bracket Kit	130.14	156.38
11	475615Z	HX and Chimney Gaskets	528.15	634.63	46	476072	Propane Gas Orifice Kit	183.44	220.42
12	475606	Heat Exchanger Screws	114.91	138.08	47	475975	Control Board	275.19	330.67
13	475979	Assembly, Plug 120/240V	91.71	110.20	48	475976	Ignition Control Module	366.89	440.86
14	475603	Tridicator	137.58	165.32	49	462023Z	Flame Sensor	72.10	86.64
15	475604	Gas and Air orifices (natural gas)	73.35	88.14	50	476059	Burner Assembly	CALL	CALL
16	475973	Heater Gasket Kit	412.77	495.98	51	476101	Base Door Gas Side	561.27	674.42
17	475971	Air Intake Kit	362.34	435.39	52	476102	Base Door Control Side	561.27	674.42
18	475608	Gas Side Panel	562.80	676.26	53	476106	Kit Heat Exchanger Union Adapters	404.68	486.26
19	475609	Water Manifold Panel	562.80	676.26	54	475777Z	Top Panel	562.80	676.26
20	475610	Control Board Panel	812.51	976.31	NOT SHOWN				
21	475611	Latch Assembly	112.68	135.40	–	462054	Accessories and Documents Bundle	CALL	CALL
22	475612	Condensate Neutralizer Kit	400.25	480.94	–	461103	FTG INLET PKG ETI EXCH	CALL	CALL
23	475613	Inlet Plumbing Assembly	764.44	918.55	–	461104	FTG OUTLET PKG ETI EXCH	CALL	CALL
24	475614	Outlet Plumbing Assembly	584.57	702.42					
25	475617	Exhaust Assembly	426.44	512.41					
26	42001-0056S	Terminal Board	87.04	104.59					
27	32850-0099Z	Fireman's Switch Fuse (1.25 amps)	CALL	CALL					
28	42001-0053S	Thermistor, Water Sensor	128.84	154.81					
29	42001-0060S	Water Pressure Switch	133.13	159.97					
30	42001-0107Z	Dual Voltage Transformer	92.76	111.46					
31	475618	Pressure Relief Valve	224.81	270.13					
32	475619	Control Cover	44.94	54.00					
33	475620	Vent Cap Exhaust	71.39	85.78					
34	475621	Water Bypass Assembly	102.72	123.43					

CALIFORNIA PROPOSITION 65 WARNING

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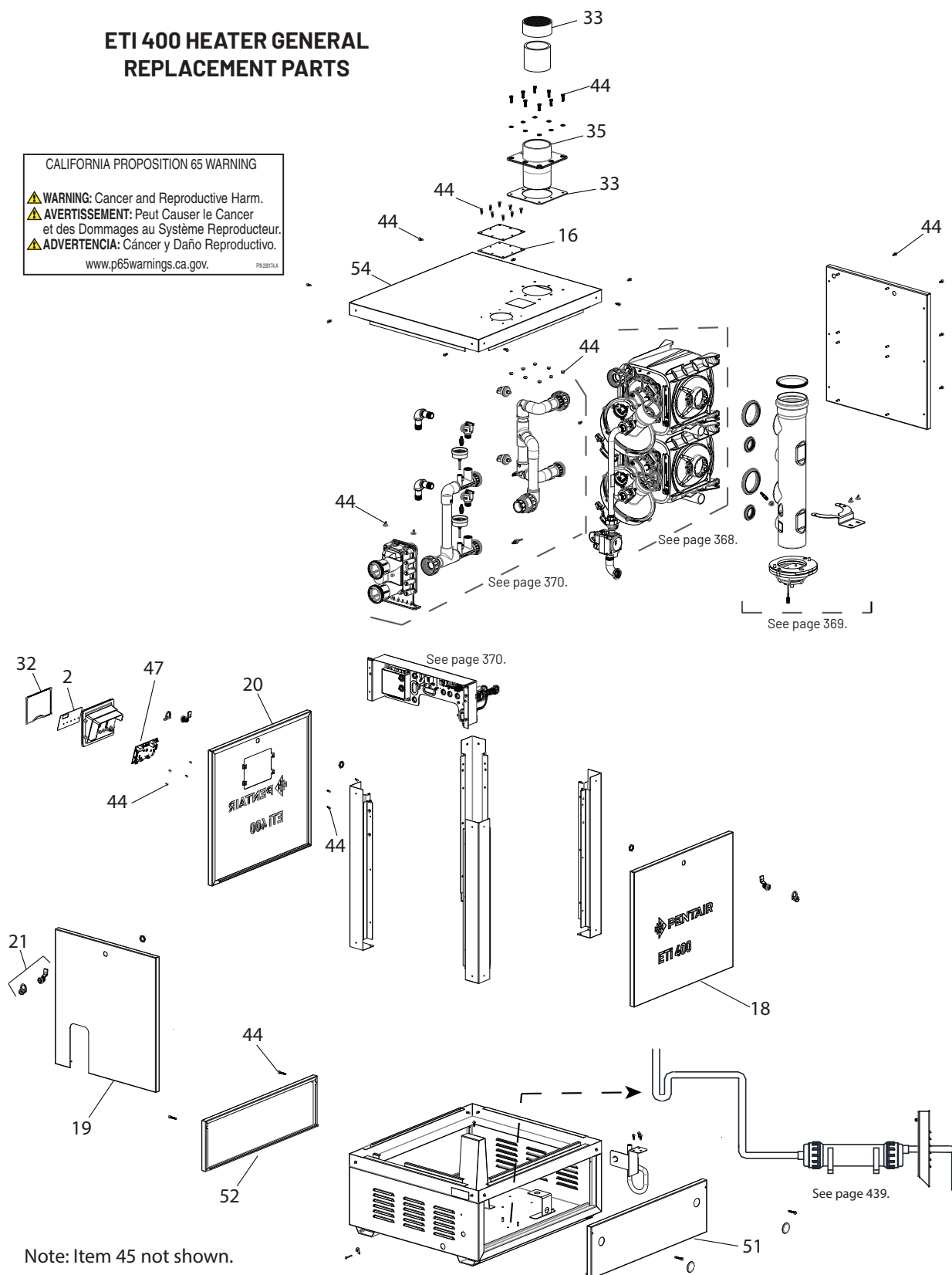
ETi® 400 HEATER (CONT'D)

REPLACEMENT PARTS

ETI 400 HEATER GENERAL REPLACEMENT PARTS

CALIFORNIA PROPOSITION 65 WARNING

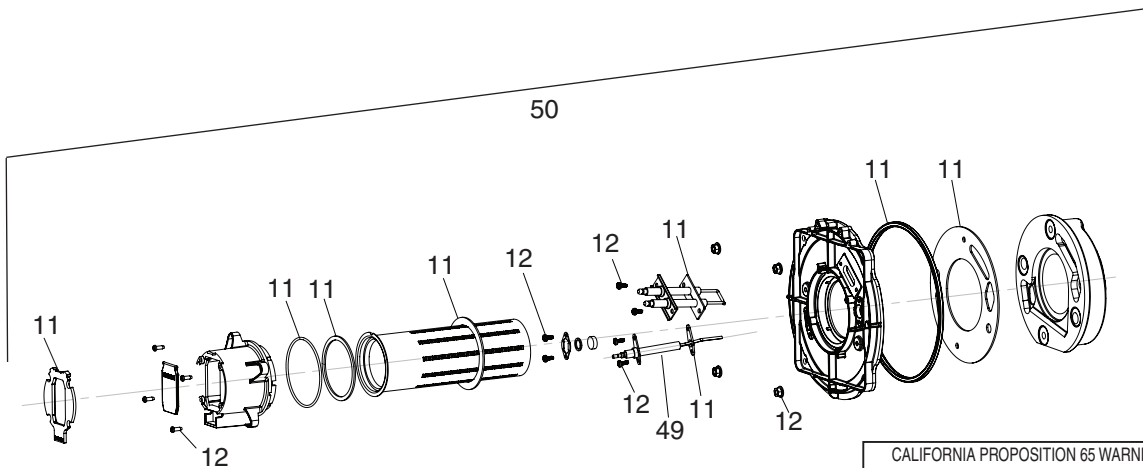
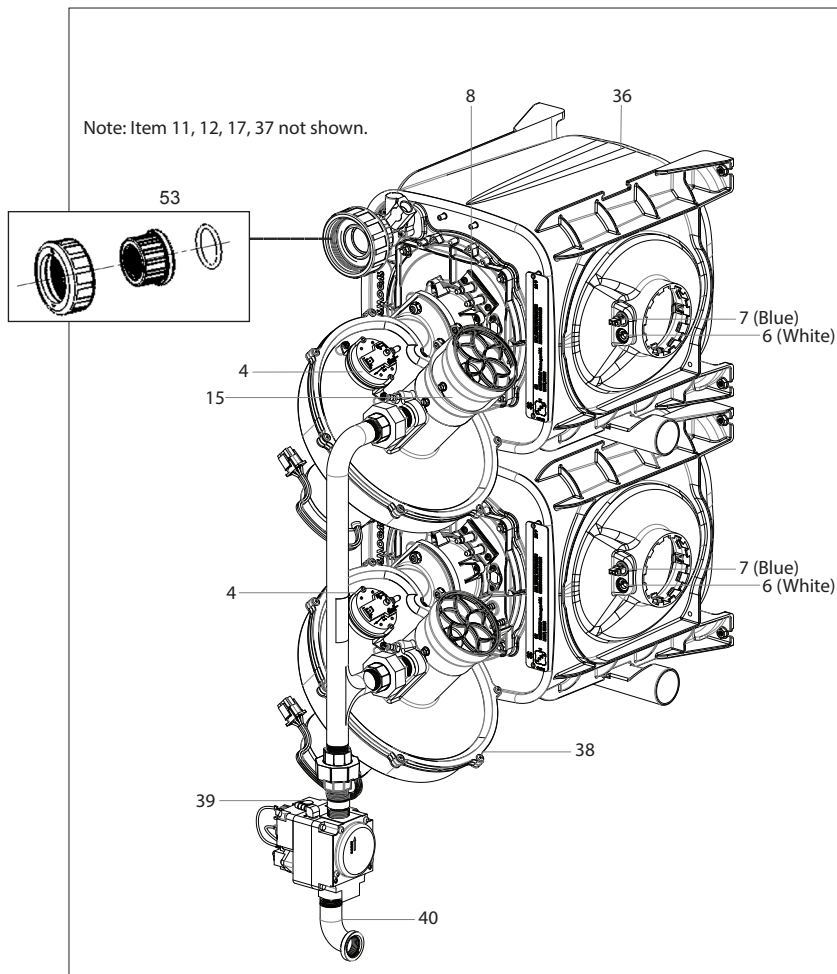
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ETi® 400 HEATER (CONT'D)

REPLACEMENT PARTS

BURNER SYSTEM REPLACEMENT PARTS



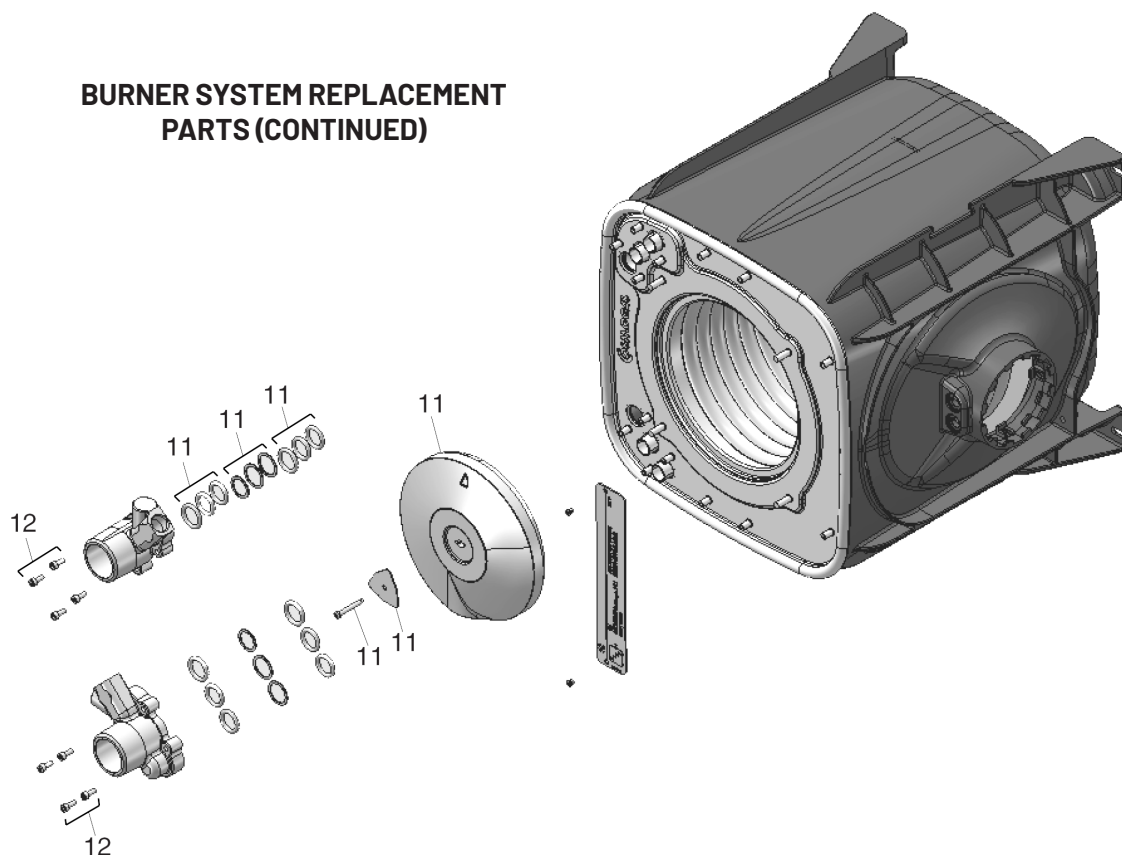
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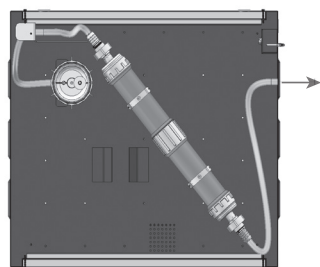
ETi® 400 HEATER (CONT'D)

REPLACEMENT PARTS

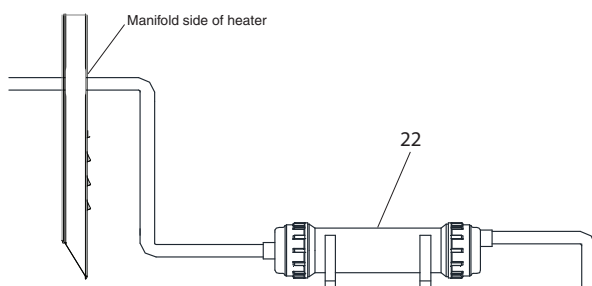
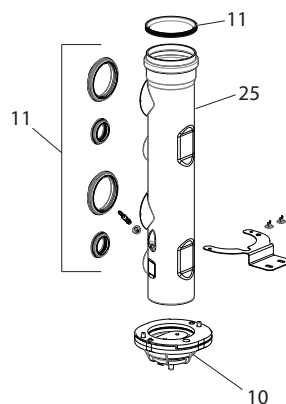
BURNER SYSTEM REPLACEMENT PARTS (CONTINUED)



ETI 400 HEATER CONDENSATE ASSEMBLY REPLACEMENT PARTS



Condensate Neutralizer Cartridge (Optional, P/N 475612 sold separately). The cartridge may be mounted to the base of the heater for an outdoor installation.



Condensate Neutralizer Cartridge (Optional, P/N 475612 sold separately). The cartridge may be mounted external to the heater for an indoor installation.

CALIFORNIA PROPOSITION 65 WARNING

⚠ WARNING: Cancer and Reproductive Harm.

⚠️ AVERTISSEMENT: Peut Causer le Cancer

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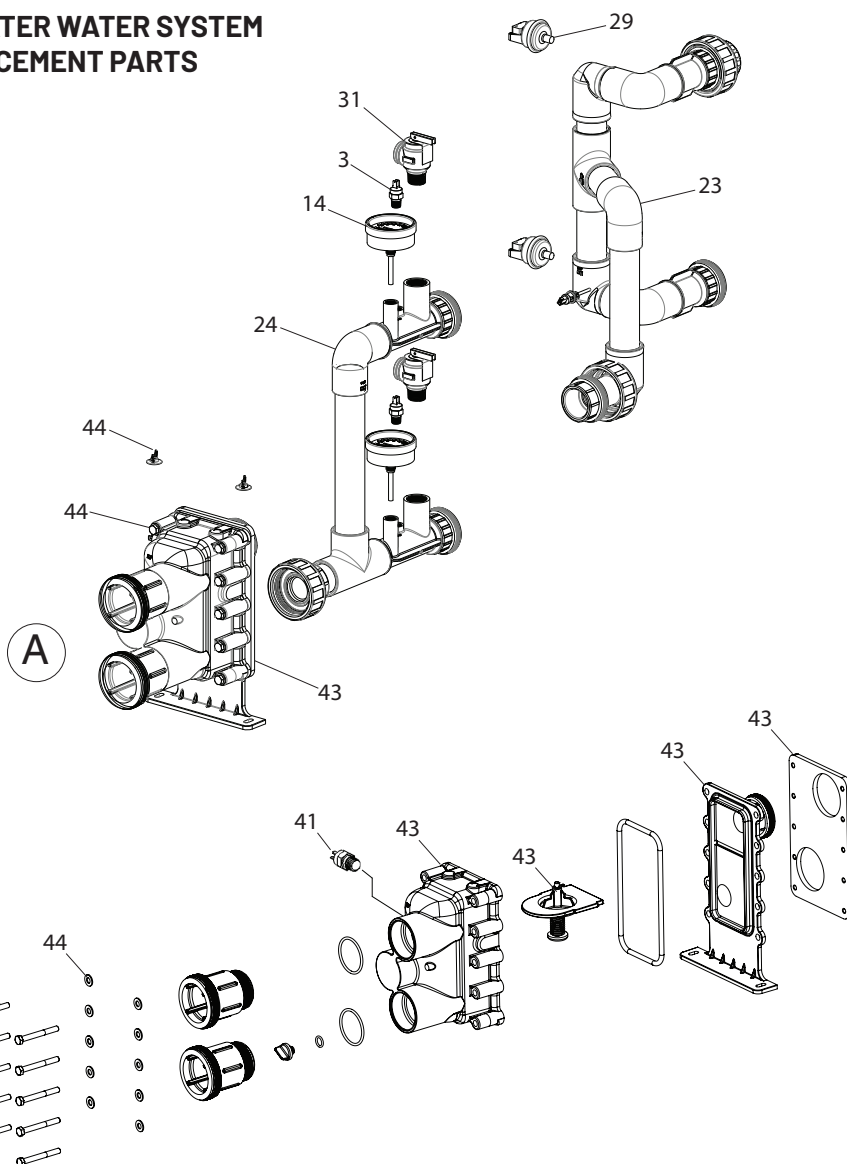
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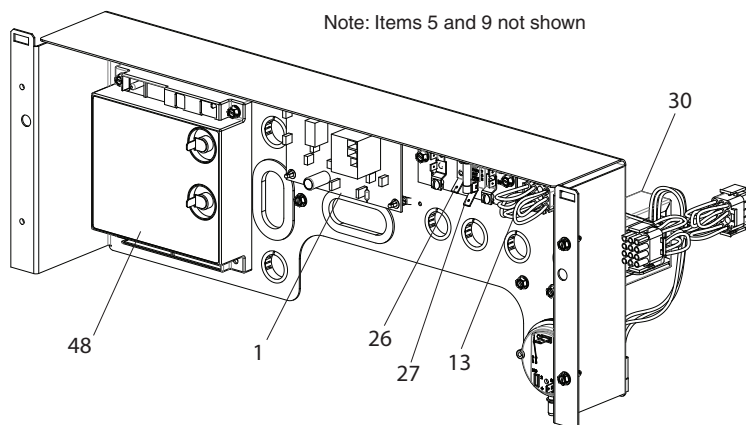
ETi® 400 HEATER (CONT'D)

REPLACEMENT PARTS

ETI 400 HEATER WATER SYSTEM REPLACEMENT PARTS



OPERATOR CONTROL PANEL ASSEMBLY REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

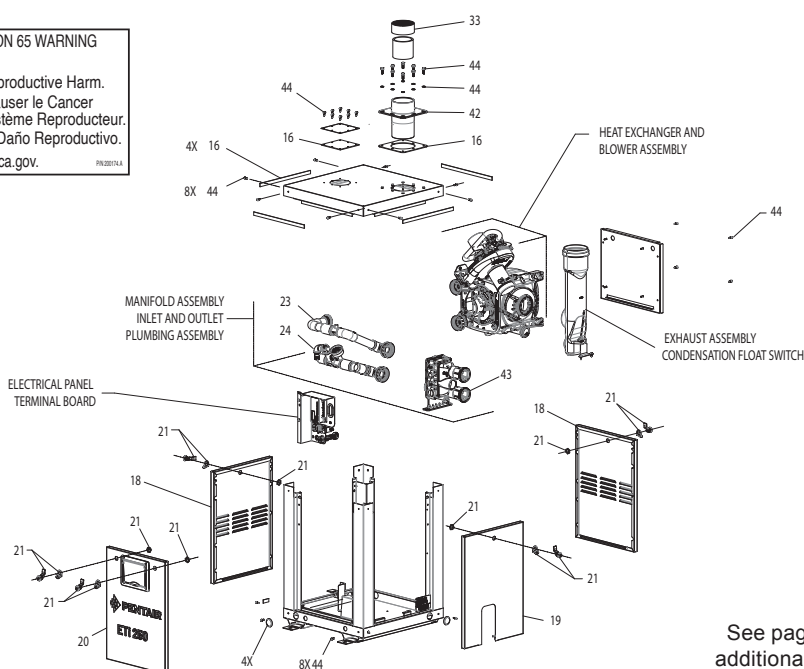
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ETi® 250

HIGH-EFFICIENCY POOL AND SPA HEATER REPLACEMENT PARTS

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See pages 368–372 for additional exploded views.

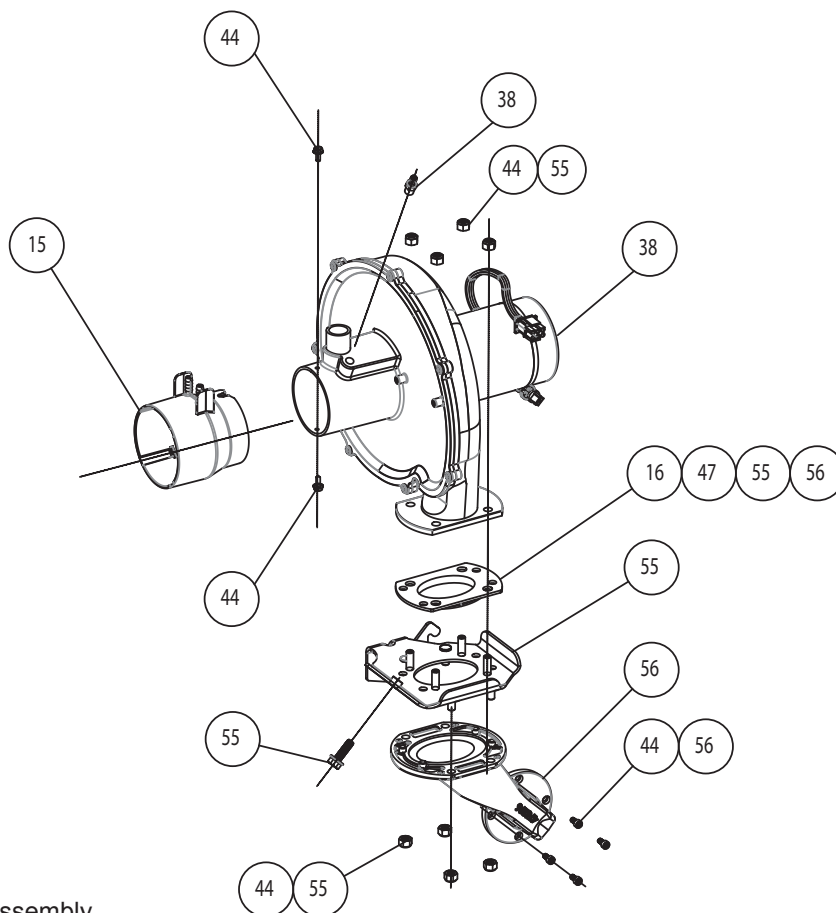
Item	Part No.	Description	US List	Can. List
SYSTEM				
1	476384	Control Board	251.80	302.56
2	461106	Membrane Pad	223.48	268.53
3	475985	Automatic Gas Shut-Off Switch (AGS) 150°F	91.71	110.20
4	476365	Air Pressure Switch	322.91	388.01
5	475601Z	Stack Flue Sensor	CALL	CALL
6	476364	Wire Harness (not shown)	538.15	646.64
7	475998	Thermal Switch/Fuse	114.59	137.69
8	476081Z	Spark Electrode LP-NA	208.90	251.01
9	475982	Spark Electrodes Cables (not shown)	197.21	236.97
10	476366	Float Switch (KIT)	367.84	442.00
11	476367	Hx And Chimney Gaskets And Insulation	259.75	312.12
12	476417	Heat Exchanger Screw (KIT)	CALL	CALL
13	475979	Plug 120/240V	91.71	110.20
14	475603	Tridicator Gauge	137.58	165.32
15	476369	Natural Gas Orifices (KIT)	CALL	CALL
16	476419	Heater Gasket (KIT)	164.99	198.25
17	476371	Air Intake (KIT)	192.27	231.03
18	476372	Panel, Louver Door ETi-250	228.90	275.05
19	476374	Panel, Water Manifold Door, ETi 250	228.90	275.05
20	476373	Panel, Control Side Door, ETi 250	315.10	378.62
21	475611	Latch Assembly	112.68	135.40
22	476375Z	Condensate Neutralizer Cartridge (KIT)	262.58	315.52
23	476376	Inlet Plumbing Assembly (KIT)	702.62	844.27
24	476377	Outlet Plumbing Assembly (KIT)	702.62	844.27
25	476378	Exhaust Assembly (KIT)	505.36	607.24
26	42001-0056S	Terminal Board	87.04	104.59
27	32850-0099Z	Fireman's Switch Fuse (1.25 AMPS)	CALL	CALL
28	42001-0053S	Thermistor, Water Sensor	128.84	154.81

Item	Part No.	Description	US List	Can. List
29	42001-0060S	Water Pressure Switch	133.13	159.97
30	42001-0107Z	Dual Voltage Transformer	92.76	111.46
31	475618	Pressure Relief Valve	224.81	270.13
32	475619	Control Cover	44.94	54.00
33	475620	Vent Cap Exhaust	71.39	85.78
34	476380	Water Bypass Assy (KIT)	84.11	101.07
35	475622	Vent Socket	134.86	162.05
36	476382	TitanTough Heat Exchanger	7234.13	8692.53
37	476383	Burner (KIT)	CALL	CALL
38	476000	Blower	404.68	486.26
39	476409	Gas Valve	709.22	852.20
40	38404-4097S	3/4" Union	58.00	69.69
41	42001-0063S	High Limit Switch	100.86	121.19
42	U178-920PZ	Drain plug	CALL	CALL
43	476381	Water Manifold Assembly (KIT)	839.81	1009.12
44	476420	Manifold-Enclosure Fasteners	180.33	216.68
45	462055	Hold Down Bracket (KIT) (not shown)	90.13	108.30
46*	476370	Propane Conversion Orifices (KIT)	72.93	87.63
47	476421	Blower Gasket	29.43	35.36
48	476385	Ignition Control Module	399.97	480.60
49	462023Z	Flame Sensor	72.10	86.64
50	476386	Burner Assembly (KIT)	557.02	669.32
51	476389	Control Housing	148.34	178.25
52	461103	Inlet Brass Fitting	135.55	162.88
53	461104	Outlet Brass Fitting	135.55	162.88
54	476106	Heat Exchanger Union Adapter (KIT)	404.68	486.26
55	476400	Bracket, Air Manifold	228.90	275.05
56	476401	Air Manifold	321.05	385.77
57*	462057	High Altitude Conversion Kit	72.93	87.63
	462065	Accessories and Documents Bundle	CALL	CALL

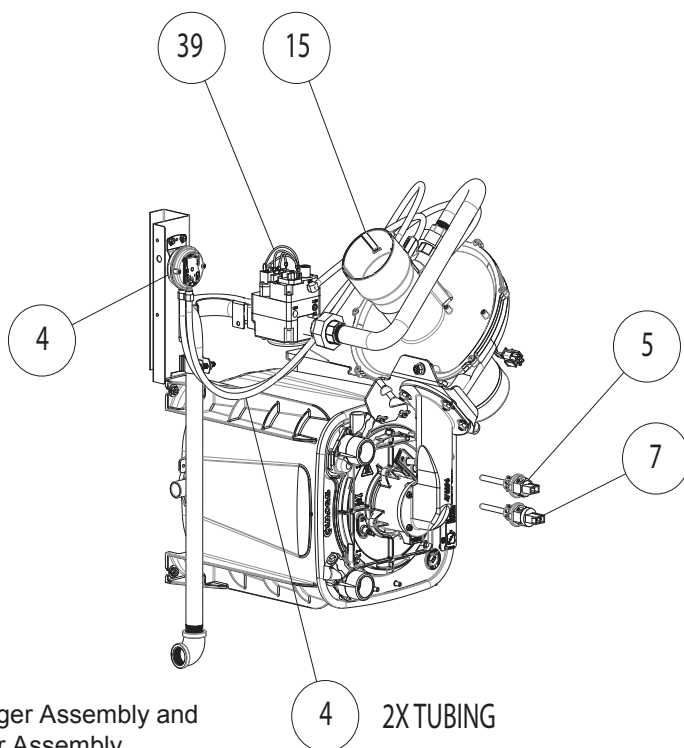
(*) Refer to the installation and user guides of the ETi 250 High Altitude Installation Kit and/or ETi 250 Propane Conversion Kit to determine each kit's suitability for your specific installation.

ETi® 250 (CONT'D)

HIGH-EFFICIENCY POOL AND SPA HEATER REPLACEMENT PARTS



Blower Assembly



Heat Exchanger Assembly and
Blower Assembly

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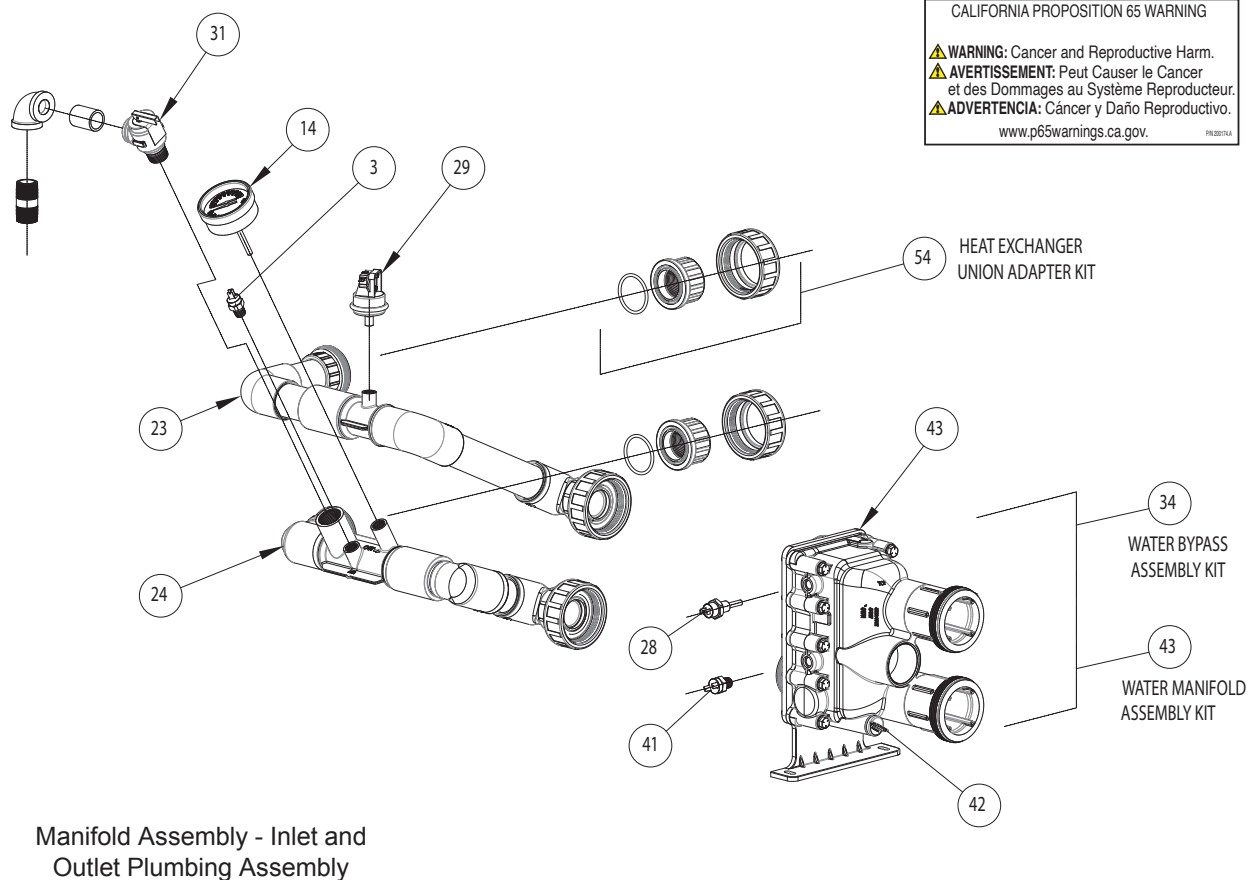
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Heat Exchanger Assembly

Heat Exchanger Assembly

ETi® 250 (CONT'D)

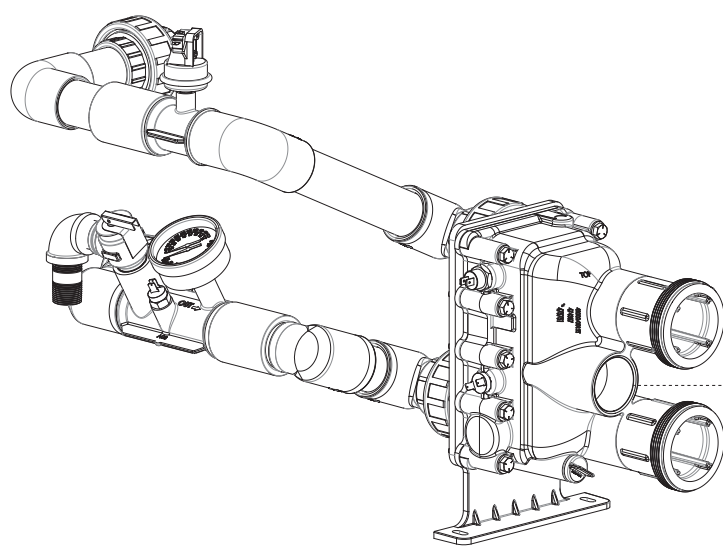
HIGH-EFFICIENCY POOL AND SPA HEATER REPLACEMENT PARTS



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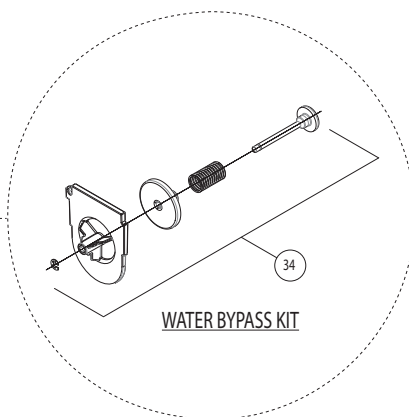
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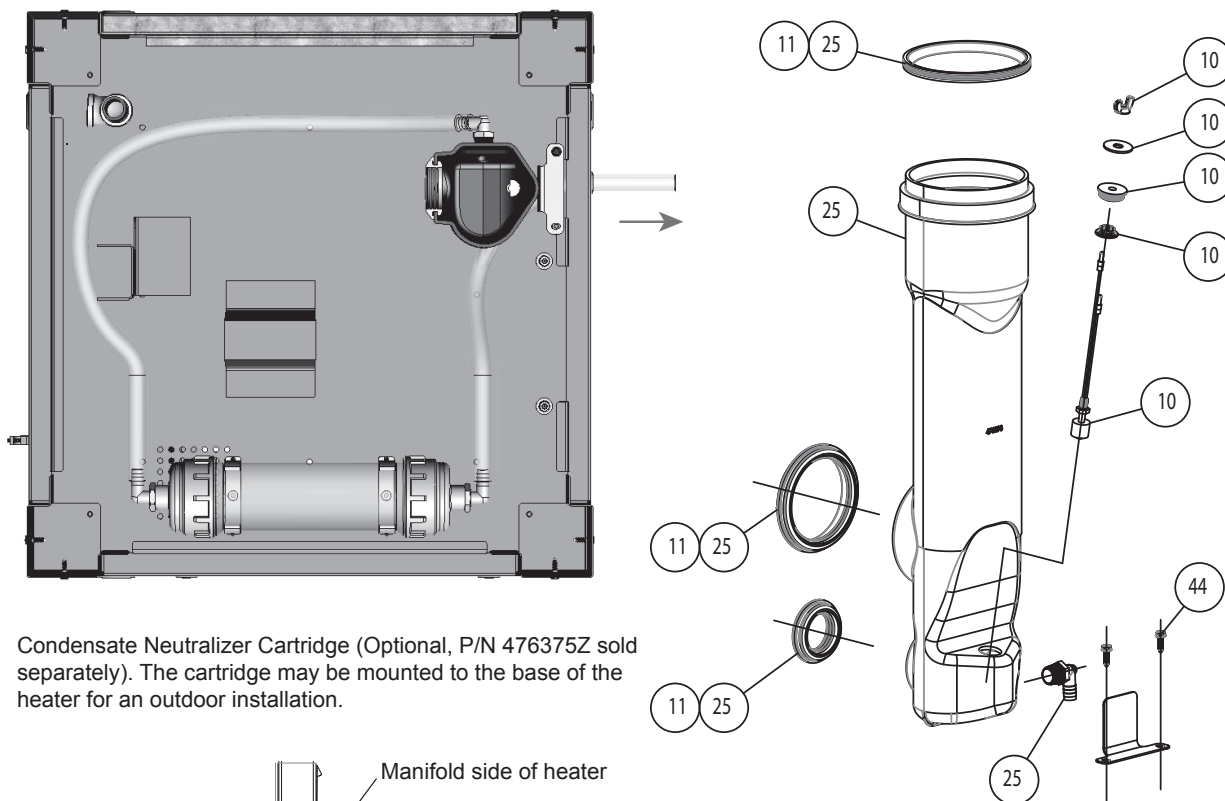
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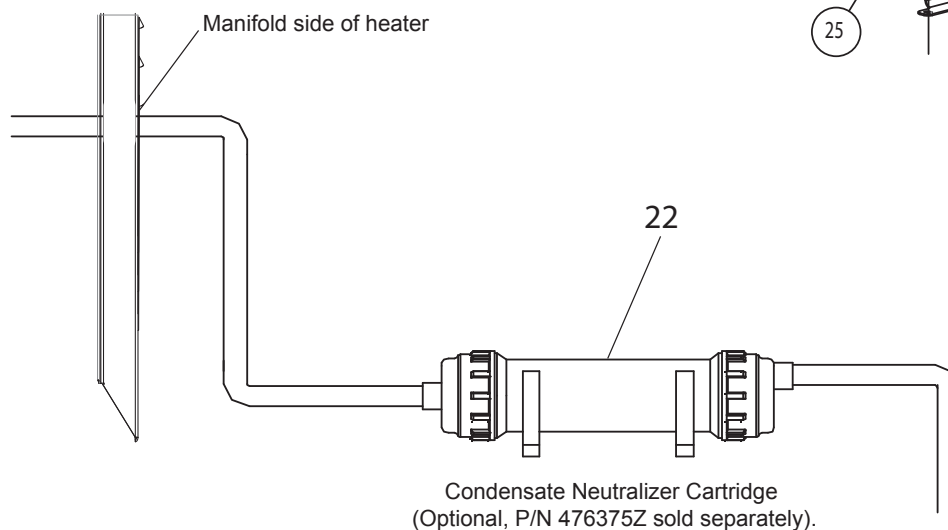
Manifold Assembly

ETi® 250 (CONT'D)

HIGH-EFFICIENCY POOL AND SPA HEATER REPLACEMENT PARTS

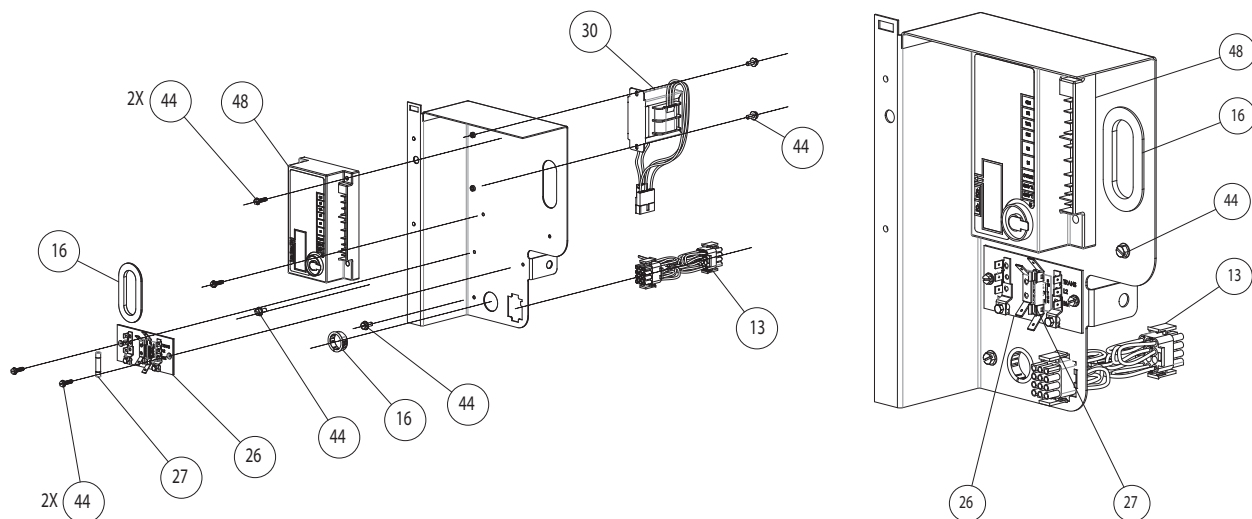


Condensate Neutralizer Cartridge (Optional, P/N 476375Z sold separately). The cartridge may be mounted to the base of the heater for an outdoor installation.



ETi® 250 (CONT'D)

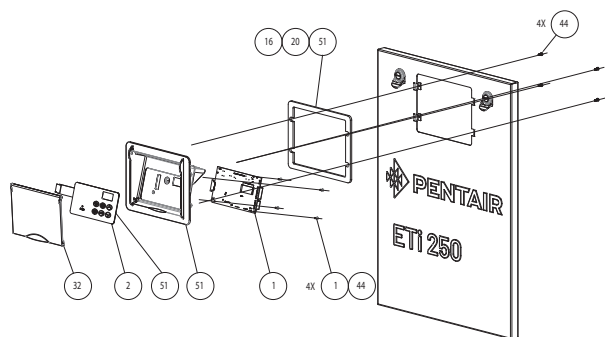
HIGH-EFFICIENCY POOL AND SPA HEATER REPLACEMENT PARTS



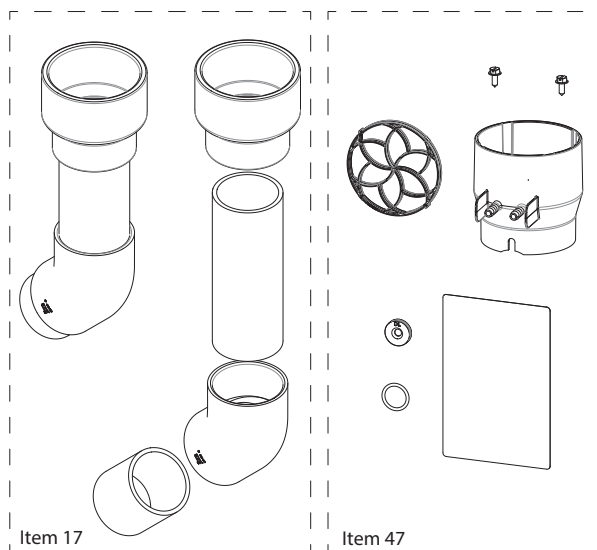
Electrical Panel

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Control Panel Circuit Board Assembly and Side Panel



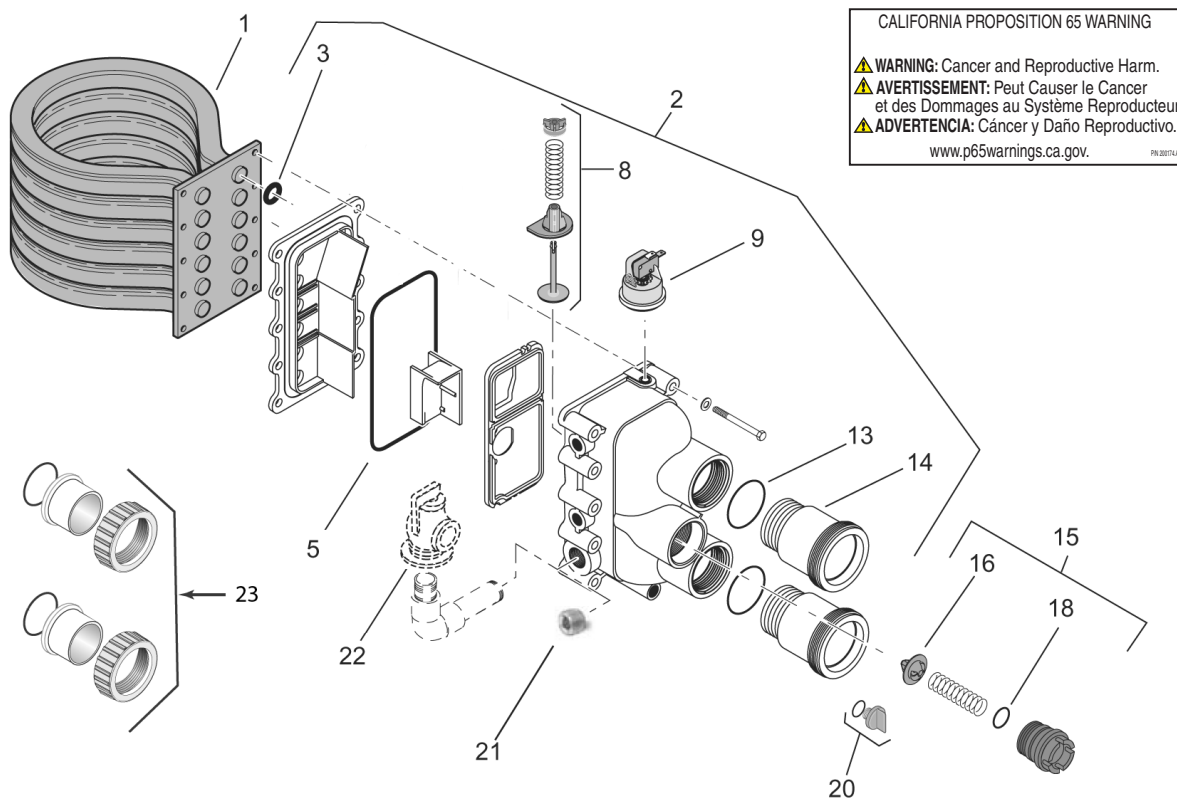
Intake Kit (#17) & Blower Gasket (#47)

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MASTERTEMP® HEATER

WATER SYSTEM REPLACEMENT PARTS



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Item	Part No.	Description	US List	Can. List
WATER SYSTEM				
1	474058	Tube Sheet Coil Assembly Kit (Includes Item No. 3) Models 175NA, 175LP, 200NA, 200LP ¹	1467.25	1763.05
1	474059	Tube Sheet Coil Assembly Kit (Includes Item No. 3) Models 250NA, 250LP ¹	1805.87	2169.93
1	474060	Tube Sheet Coil Assembly Kit (Includes Item No. 3) Models 300NA, 300LP ¹	2031.58	2441.15
1	474061	Tube Sheet Coil Assembly Kit (Includes Item No. 3) Models 400NA, 400LP ¹	2426.58	2915.78
1	474065	Tube Sheet Coil Assembly Kit - HD Series - (Includes Item No. 3) Models 400HDNA, 400HD-LP ¹	3657.12	4394.40
1	474063	Tube Sheet Coil Assembly Kit - HD Series - (Includes Item No. 3) Models 250HDNA, 250HD-LP ¹	1805.87	2169.93
1	474063	Kit HTEXCH 250K HD Heaters MFG AFTER JAN 09	CALL	CALL
2	77707-0014	Manifold Kit (Includes Item Nos. 3–14, 21, and Item Nos. 5–7 in "Electrical System" Models 175NA, 175LP, 200NA, 200LP	1036.76	1245.77
2	460748	Manifold Kit (Includes Item Nos. 3–14, 21, and Item Nos. 5–7 in "Electrical System" Models 250NA, 250LP	964.38	1158.80
2	77707-0015	Manifold Kit (Includes Item Nos. 3–14, 21, and Item Nos. 5–7 in "Electrical System" Models 300NA, 300LP	1036.76	1245.77
2	77707-0016	Manifold Kit (Includes Item Nos. 3–14, 21, and Item Nos. 5–7 in "Electrical System" Models 400NA, 400LP	1036.76	1245.77
2	474200	Basic Manifold Kit (Includes Item Nos. 3, 5, 10–14)	330.79	397.48

Note: Kits include: O-Rings, Insulation, Igniter and Blower Gaskets.

MASTERTEMP® HEATER (CONT'D)

WATER SYSTEM REPLACEMENT PARTS

Item	Part No.	Description	US List	Can List
WATER SYSTEM				
3	77707-0117	Coil/Tubesheet Sealing O-Ring Kit - Models 175NA, 175LP, 200NA, 200LP (6)	126.00	151.40
3	460749	Coil/Tubesheet Sealing O-Ring Kit - Models 250NA, 250LP (8)	87.04	104.59
3	77707-0118	Coil/Tubesheet Sealing O-Ring Kit - Models 300NA, 300LP (10)	87.04	104.59
3	77707-0119	Coil/Tubesheet Sealing O-Ring Kit - Models 400NA, 400LP (12)	87.04	104.59
8	77707-0001	Manifold Bypass Valve Kit	92.26	110.86
9	42001-0060S	Water Pressure Switch	133.13	159.97
13	U9-226Z	O-Ring	5.08	6.10
14	77707-0017	Connector Tube Kit (Includes 1 Connector Tube and 1 O-Ring)	88.48	106.32
15	77707-0010	Thermal Regulator Kit (Incl. Item Nos.16, 17, 18, 19 and Spring Clip)	168.52	202.49
16	38000-0007S	Thermal Regulator (Includes Spring Clip)	116.09	139.49
20	U178-920PZ	Drain Plug	8.07	9.70
22	473715Z	Pressure Relief Valve	254.41	305.70
23	PKG 188Z	2 in. Union Adapter Package (Includes 2)	48.66	58.47
NOT SHOWN				
	77707-0120	O-Ring Kit (Incl. Item Nos. 3, 5)	74.16	89.11
	461102	Pro Service Package - Water Parts (Includes items in a reusable hard case, 8, 9, 15, not shown, Thermistor (2), High Limit Switch (2), AGS Switch (2))	634.56	762.49
	462051	Accessories and Documents Bundle	CALL	CALL
	462038Z	INSRT MFLD MASTERTEMP ASME ANTIRODENT	CALL	CALL

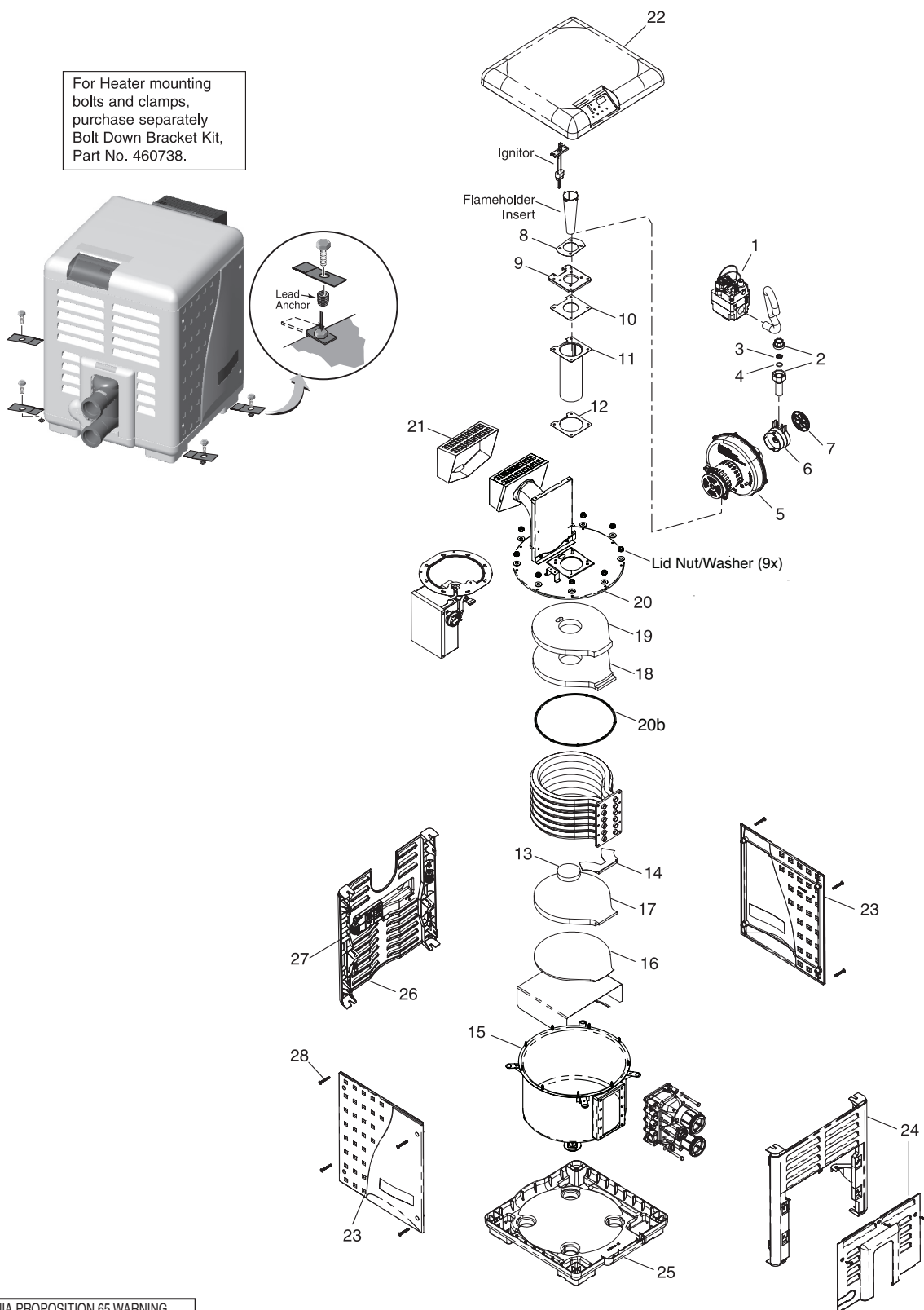
ASME Heater Manufacture Date	Part No.	Description	US List	Can. List
ASME KITS				
11/16/13 to Present (New 9-Bolt Tub Design) (Includes Item No.s 13-19, 20b, Lid, Nut/Washer [9X] and Silicone Tube)	475669	Heat Exchanger Kit - 200 ASME	4245.24	5101.08
	474955	Heat Exchanger Kit - 250 ASME	4501.10	5408.52
	474954	Heat Exchanger Kit - 250 ASME HD	4827.28	5800.46
	474956	Heat Exchanger Kit - 400 ASME	5007.41	6016.90
	474953	Heat Exchanger Kit - 400 ASME HD	5076.24	6099.61
Prior to 10/2012 (Old Header Design)	460923	ASME Bypass Valve Kit (Old Header Design)	519.72	624.50
	460924	Thermal Regulator Kit (includes Spring Clip, ASME, Old Header Design)	253.96	305.16
10/2012 to Present (New Header Design)	77707-0001	Manifold Bypass Valve Kit ASME	92.26	110.86
	460925	ASME Pressure Relief Valve Kit	290.22	348.73

CALIFORNIA PROPOSITION 65 WARNING

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 ⚠ ADVERTENCIA: Cáncer y Daño Reproductivo.
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MASTERTEMP® HEATER (CONT'D)

BURNER SYSTEM REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

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MASTERTEMP® HEATER (CONT'D)

BURNER SYSTEM REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List	Qty.
BURNER SYSTEM					
1	42001-0051S	Combination Gas Control Valve Kit	707.31	849.90	1
2	38404-4097S	3/4 in. Union	58.00	69.69	2
5	77707-0250	Air Blower Kit - Natural Gas Units (Models 175NA)	1337.35	1606.96	1
5	77707-0251	Air Blower Kit - Natural Gas Units (Models 200NA)	1337.38	1607.00	1
5	460743	Air Blower Kit - Natural Gas Units (Models 250NA)	1244.11	1494.92	1
5	460757	Air Blower Kit - Natural Gas Units (Models 300NA)	1244.08	1494.89	1
5	77707-0253	Air Blower Kit - Natural Gas Units (Models 400NA)	1337.38	1607.00	1
5	77707-0254	Air Blower Kit - Propane Units (Models 175LP, 200LP)	1337.38	1607.00	1
5	460744	Air Blower Kit - Propane Units (Models 250LP)	1244.08	1494.89	1
5	460758	Air Blower Kit - Propane Units (Models 300LP)	1247.44	1498.92	1
5	77707-0256	Air Blower Kit - Propane Units (Models 400LP)	1337.38	1607.00	1
6	See Item #7	Item #6 included in Item #7	CALL		
7	460798	Air Orifice Kit - Model 175 (Includes Item Nos. 6 and 7)	69.62	83.66	1
7	77707-0111	Air Orifice Kit - Model 200 (Includes Item Nos. 6 and 7)	106.51	127.98	1
7	460745	Air Orifice Kit - Model 250 (Includes Item Nos. 6 and 7)	99.04	119.01	1
7	460759	Air Orifice Kit - Model 300 (Includes Item Nos. 6 and 7)	99.04	119.01	1
7	77707-0113	Air Orifice Kit - Model 400 (Includes Item Nos. 6 and 7)	106.51	127.98	1
15	474957	One Piece Metal Chamber/Combustion Chamber Assembly ¹	686.34	824.71	1
20	474958	One Piece Metal Elbow/Combustion Chamber Cover Assembly ¹	781.40	938.93	1
20b	474952	Tub O-Ring Kit ¹	73.50	88.32	1
21	42002-0005S	Metal Vent Cover	212.88	255.80	1
22	42002-0034Z	Heater Top	567.91	682.40	1
23	42002-0039Z	Side Panel (Service Panel) with 4 clips and 4 screws	555.47	667.45	1
24	42002-0033Z	Side Panel (Manifold)	555.45	667.43	1
25	42002-0031Z	Heater Bottom	261.18	313.83	1
26	42002-0032Z	Side Panel (Flue Stack)	419.80	504.43	1
27	42002-0041Z	J Box Cover	29.02	34.87	1
28	474292	11 ea screws, 11 ea clips and 8 wing-nuts	36.25	43.56	
NOT SHOWN					
-	462038	INSRT MFLD MasterTemp ASME Antirodent	CALL	CALL	1
-	461002	Gas Orifice Kit - NG, Model 175 (Incl. Item Nos. 3 and 4) *	85.45	102.68	1
-	77707-0431	Gas Orifice Kit - NG, Model 200 (Incl. Item Nos. 3 and 4) *	85.45	102.68	1
-	460739	Gas Orifice Kit - NG, Model 250 (Incl. Item Nos. 3 and 4) *	79.49	95.52	1
-	460753	Gas Orifice Kit - NG, Model 300 (Incl. Item Nos. 3 and 4)	79.49	95.52	1
-	77707-0411	Gas Orifice Kit - NG, Model 400 (Incl. Item Nos. 3 and 4) *	85.45	102.68	1
-	460797	Gas Orifice Kit - Propane, Model 175 (Incl. Item Nos. 3 and 4) *	127.77	153.53	1
-	77707-0461	Gas Orifice Kit - Propane, Model 200 (Incl. Item Nos. 3 and 4) *	85.45	102.68	1
-	460740	Gas Orifice Kit - Propane, Model 250 (Incl. Item Nos. 3 and 4) *	79.49	95.52	1

Item	Part No.	Description	US List	Can. List	Qty.
-	460754	Gas Orifice Kit - Propane, Model 300 (Incl. Item Nos. 3 and 4) *	79.49	95.52	1
-	77707-0441	Gas Orifice Kit - Propane, Model 400 (Incl. Item Nos. 3 and 4) *	88.55	106.40	1
-	460794	NG to Propane Conversion Kit Model 175 (Incl. Item Nos. 3 and 4) *	122.44	147.12	1
-	77707-1461	NG to Propane Conversion Kit Model 200 (Incl. Item Nos. 3 and 4) *	91.55	110.01	1
-	460741	NG to Propane Conversion Kit Model 250 (Incl. Item Nos. 3 and 4) *	85.14	102.30	1
-	460755	NG to Propane Conversion Kit Model 300 (Incl. Item Nos. 3 and 4) *	85.14	102.30	1
-	77707-1441	NG to Propane Conversion Kit Model 400 (Incl. Item Nos. 3 and 4) *	91.55	110.01	1
-	460795	Propane to NG Conversion Kit Model 175 (Incl. Key Nos. 3 and 4) *	122.44	147.12	1
-	77707-1431	Propane to NG Conversion Kit Model 200 (Incl. Key Nos. 3 and 4) *	91.55	110.01	1
-	460742	Propane to NG Conversion Kit Model 250 (Incl. Key Nos. 3 and 4) *	85.14	102.30	1
-	460756	Propane to NG Conversion Kit Model 300 (Incl. Key Nos. 3 and 4) *	85.14	102.30	1
-	77707-1411	Propane to NG Conversion Kit Model 400 (Incl. Key Nos. 3 and 4) *	91.55	110.01	1
-	77707-0011	Blower/Adapter Plate Gasket Kit (Includes Item Nos. 8, 9, 10, 12)	104.88	126.02	1
-	77707-0202	Flameholder Kit - Model 175, Model 200 (Includes Item Nos. 10, 11, 12 & 13)	249.25	299.50	1
-	460746	Flameholder Kit - Model 250 (Includes Item Nos. 10, 11, 12 & 13 and Flameholder insert)	231.86	278.60	1
-	77707-0203	Flameholder Kit - Model 300 (Includes Item Nos. 10, 11, 12, 13 & Flameholder Insert)	280.40	336.93	1
-	77707-0204	Flameholder Kit - Model 400 (Includes Item Nos. 10, 11, 12, 13 & Flameholder Insert)	327.12	393.07	1
-	77707-0008	Insulation Kit (Includes Item Nos. 13, 14, 16, 17, 18, 19)	253.96	305.16	1
-	42001-0074S	Lower Enclosure Insulation	89.18	107.16	1
-	42001-0214S	Metal Vent Cover Assembly	CALL	CALL	1
-	461063	Kit Gas Conversion NA to LP - MT125	97.99	117.74	1
-	461100	Pro Service Package - Master Commonly replaced items in a reusable case	1824.41	2192.21	
	475265	Rodent Resistant Air Orifice Protection Cap	117.17	140.79	
	476107Z	Rodent Resistant Gas Pipe Escutcheon	29.34	35.25	

* Not included with heater. Order separately.

¹ For Heaters Manufactured After 11/16/13 (New 9-bolt lid tub design).

Note: Kits include Clamp Assembly, O-Ring, and Silicone Tube.

CALIFORNIA PROPOSITION 65 WARNING

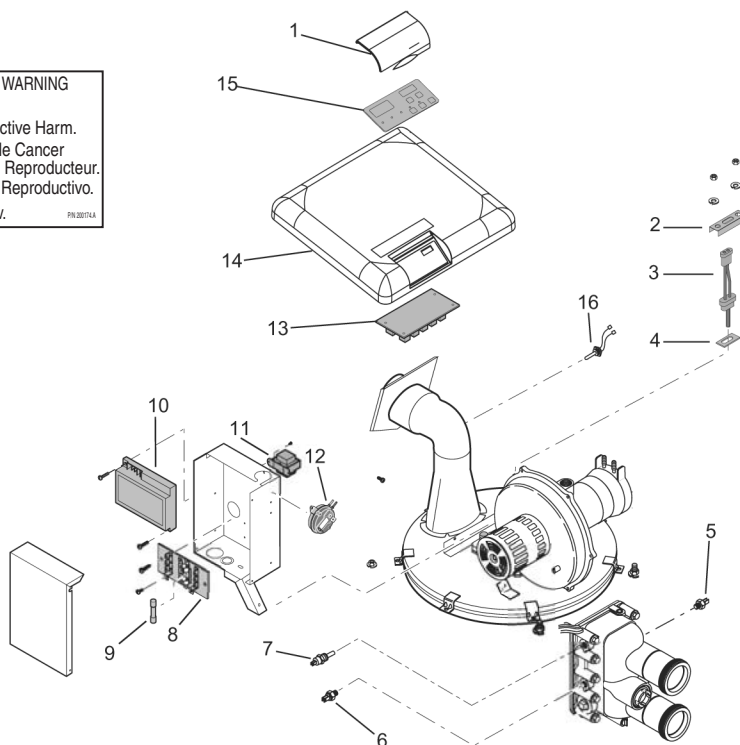
⚠ **WARNING:** Cancer and Reproductive Harm.
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MASTERTEMP® HEATER (CONT'D)

ELECTRICAL SYSTEM REPLACEMENT PARTS

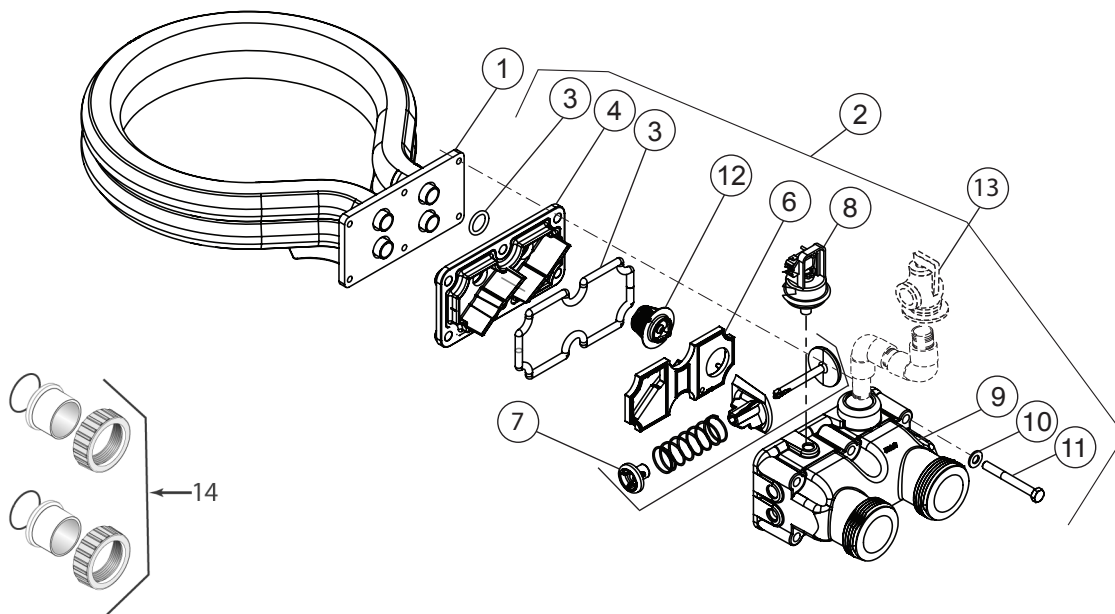
CALIFORNIA PROPOSITION 65 WARNING
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Item	Part No.	Description	US List	Can. List
ELECTRICAL SYSTEM				
1	42002-0035Z	Heater Display Cover	87.04	104.59
2	42001-0030S	Igniter Bracket	87.04	104.59
3	77707-0054	Igniter/Igniter Gasket Kit, Incl. Item Nos. 3 and 4)	134.88	162.07
4	42001-0066S	Igniter Gasket	87.04	104.59
5	42002-0025S	Automatic Gas Shutoff Switch (AGS)	82.96	99.68
6	42001-0063S	High Limit Switch	100.86	121.19
7	42001-0053S	Thermistor	128.84	154.81
8	42001-0056S	Terminal Board	87.04	104.59
9	32850-0099Z	Fireman's Switch Fuse (1.25A, 1-1/4 in.)	CALL	CALL
10	476223	Ignition Control Module	561.27	674.42
11	42001-0107Z	Transformer, 115/230V	92.76	111.46
12	42001-0061S	Air Flow Switch	223.09	268.06
13	461105	Control Board Kit (NA, LP Series)	1024.08	1230.53
14	42002-0034Z	Heater, Top	567.91	682.40
15	472610Z	Five Button Membrane Keypad - for heaters made before 5/5/2021	223.50	268.56
15	461106	Six Button Membrane Keypad - For heaters made after 5/6/2021	223.48	268.53
16	42002-0024S	Stack Flue Sensor	193.87	232.95
NOT SHOWN				
	461107	Heater Wiring Harness -115/230V	536.73	644.93
	42001-0105S	120/240 Volt Plug Kit	87.04	104.59
	461101	Pro Service Package - Electrical System Parts (Includes items in a reusable hardcase, #3, #5 qty(2), #6 qty(2), #7 qty(2), #9 qty(3), #12, #16, not shown water pressure switch)	793.22	953.13
	476150Z	Rodent Resistant Exhaust Insert	33.89	40.72
	462037Z	Rodent Resistant Manifold Insert	33.98	40.83

MASTERTEMP® 125 HEATER

WATER SYSTEM REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
WATER SYSTEM				
1	474971	Tube Sheet Coil Assembly Kit - Includes Item #3. (NA, LP Series)	1465.96	1761.50
2	474972	Manifold Kit (Includes Item #3, #4, #5, #6, #7, #9, #10, & #11; Item #8 and #13 not included)	490.23	589.06
3	474973	Coil/Tubesheet Sealing O-Ring Kit	68.57	82.39
4	476195	Manifold Bottom Plate	40.79	49.01
6	476197	Manifold Baffle Plate	29.36	35.28
7	476198	Manifold Bypass Valve	52.89	63.55
8	42001-0060S	Water Pressure Switch	133.13	159.97
9		Manifold *		
10		5/16" Washer, S.S. *		
11		5/16 x 18 x 2-3/4" Hex Cap Screw *		
12	474989	Thermal Regulator	97.99	117.74
13	473715Z	Pressure Relief Valve (Recommended-Purchased Separately)	254.41	305.70
14	474974	Union 1-1/2" Kit	112.75	135.48

Note: Kits include: O-Rings, Insulation, Igniter and Blower Gaskets.

* Not available separately. See item #2.

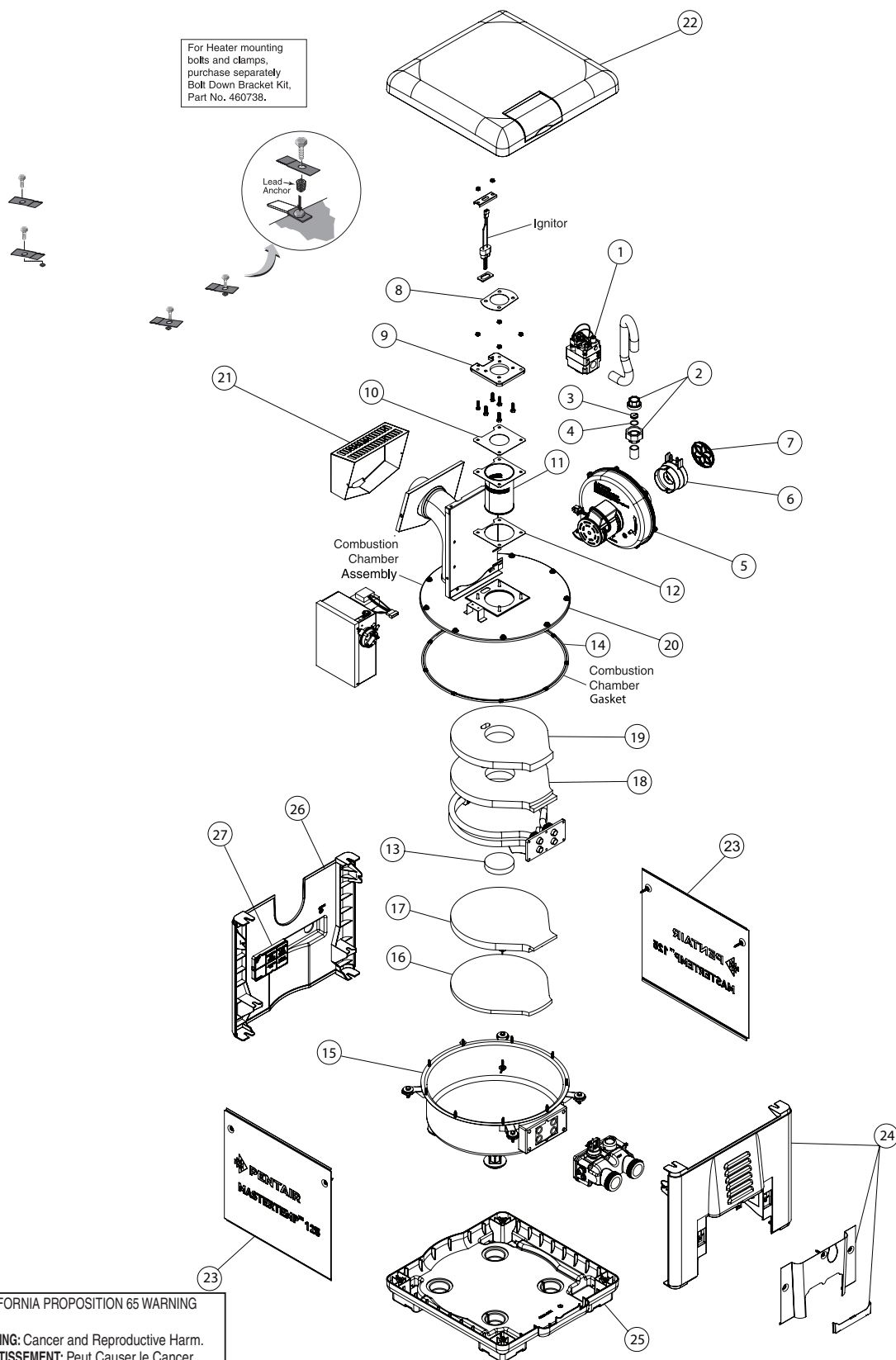
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MASTERTEMP® 125 HEATER (CONT'D)

BURNER SYSTEM REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

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MASTERTEMP® 125 HEATER (CONT'D)

BURNER SYSTEM REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List	Qty.
BURNER SYSTEM					
1	42001-0051S	Combination Gas Control Valve Kit	707.31	849.90	1
2	38404-4097S	3/4 in. Union	58.00	69.69	2
5	474978	Air Blower Kit – Natural Gas	1225.73	1472.84	1
5	474977	Air Blower Kit - Propane	1225.73	1472.84	1
6	474979	Air Orifice Kit (Incl. Item Nos. 6, 7)	69.65	83.69	1
14	474952	Combustion Chamber Gasket Kit	73.50	88.32	1
15	474990	One Piece Metal Chamber/Combustion Chamber Assembly	637.40	765.90	1
20	474958	One Piece Metal Elbow/Combustion Chamber Cover Assembly, 9-Bolt	781.40	938.93	1
21	42002-0005S	Metal Vent Cover	212.88	255.80	1
22	42002-0034Z	Heater Top	567.91	682.40	1
23	474991	Side Panel (Service Panel)	196.07	235.60	1
24	474992	Side Panel (Manifold)	279.42	335.75	1
25	42002-0031Z	Heater Bottom	261.18	313.83	1
26	474993	Side Panel (Flue Stack)	230.37	276.81	1
27	42002-0041Z	J Box Cover	29.02	34.87	1
28	474292	11 ea clips, 11 ea screws, 8 wing nuts	36.25	43.56	1

Item	Part No.	Description	US List	Can. List	Qty.
NOT SHOWN					
	474981	Gas Orifice Kit - NG (Incl. Item Nos. 3 and 4) **	73.50	88.32	1
	474980	Gas Orifice Kit - Propane (Incl. Item Nos. 3 and 4) **	73.50	88.32	1
	461063	NG to Propane Conversion Kit (Incl. Item Nos. 3 and 4) **	97.99	117.74	1
	461062	Gas Orifice Kit - Propane to NG Conversion Kit (Incl. Item Nos. 3 and 4) **	CALL	CALL	1
	77707-0011	Blower/Adapter Plate Gasket Kit (Incl. Item Nos. 8, 9, 10, 12)	104.88	126.02	1
	474994	Flameholder Kit (Incl. Item Nos. 10, 11, 12, 13)	245.10	294.51	1
	77707-0008	Insulation Kit (Incl. Item Nos. 13, 14, 16, 17, 18, 19)	253.96	305.16	1
	474845	Direct Air Intake Duct Kit (MasterTemp 125)	436.83	524.89	1
	462053	Accessories and Documents Bundle	CALL	CALL	

* Not available separately.

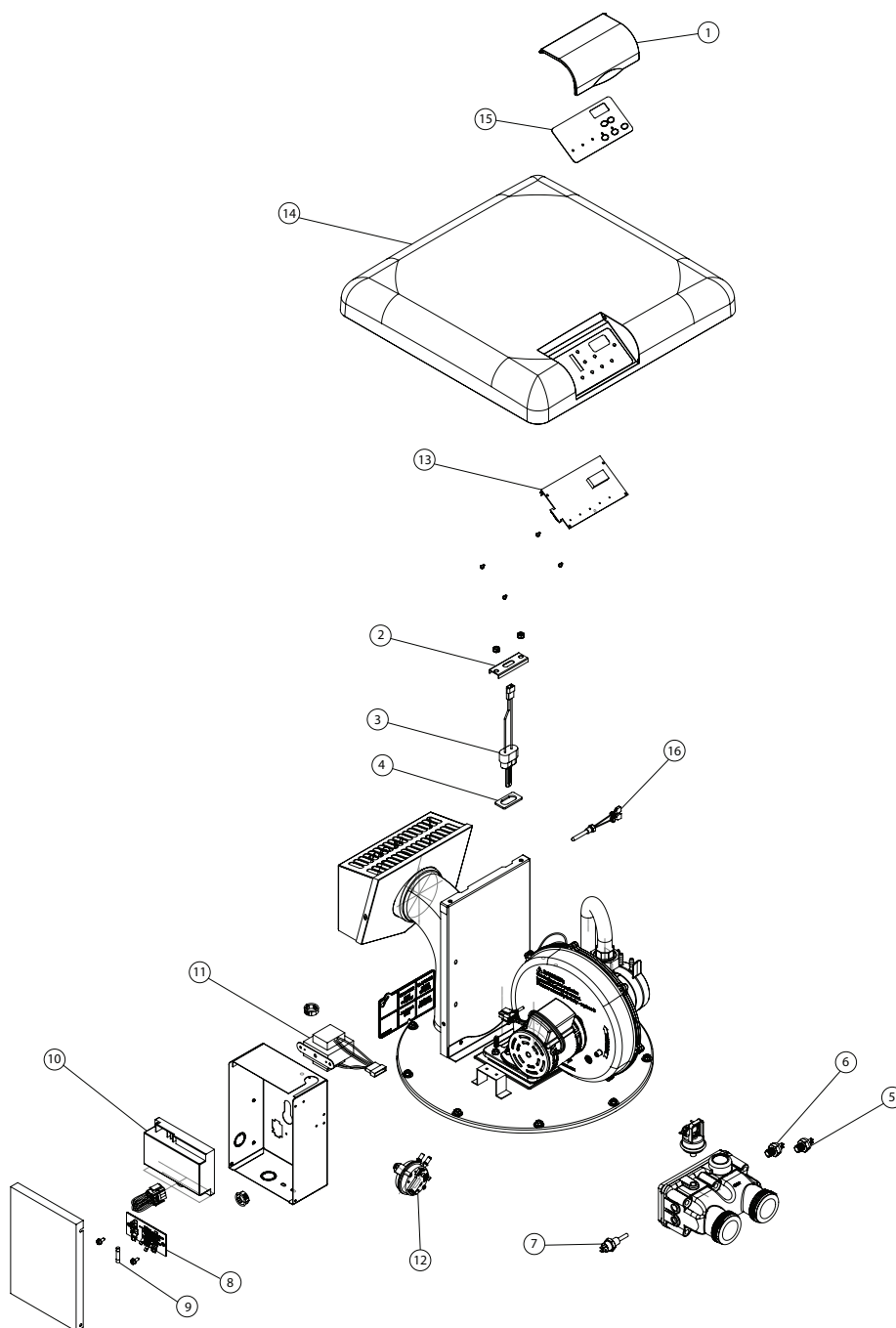
** Not included with heater. Order separately.

CALIFORNIA PROPOSITION 65 WARNING

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MASTERTEMP® 125 HEATER (CONT'D)

ELECTRICAL SYSTEM REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

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MASTERTEMP® 125 HEATER (CONT'D)**ELECTRICAL SYSTEM REPLACEMENT PARTS**

Item	Part No.	Description	US List	Can. List
ELECTRICAL SYSTEM				
1	42002-0035Z	Heater Display Cover	87.04	104.59
2	42001-0030S	Igniter Bracket	87.04	104.59
3	77707-0054	Igniter/Igniter Gasket Kit, Incl. Item Nos. 3 and 4)	134.88	162.07
4	42001-0066S	Igniter Gasket	87.04	104.59
5	42002-0025S	Automatic Gas Shutoff Switch (AGS)	82.96	99.68
6	42001-0063S	High Limit Switch	100.86	121.19
7	42001-0053S	Thermistor	128.84	154.81
8	42001-0056S	Terminal Board	87.04	104.59
9	32850-0099Z	Fireman's Switch Fuse (1.25A, 1-1/4 in.)	CALL	CALL
10	476223	Ignition Control Module	561.27	674.42
11	42001-0107Z	Transformer, 115/230V	92.76	111.46
12	42001-0061S	Air Flow Switch	223.09	268.06
13	461105	Control Board Kit (NA, LP Series)	1024.08	1230.53
14	42002-0034Z	Heater, Top	567.91	682.40
15	472610Z	Five Button Membrane Keypad - for heaters made before 5/5/2021	223.50	268.56
15	461106	Six Button Membrane Keypad - For heaters made after 5/6/2021	223.48	268.53
16	42002-0024S	Stack Flue Sensor	193.87	232.95
NOT SHOWN				
	461107	Heater Wiring Harness -115/230V	536.73	644.93
	42001-0105S	120/240 Volt Plug Kit	87.04	104.59

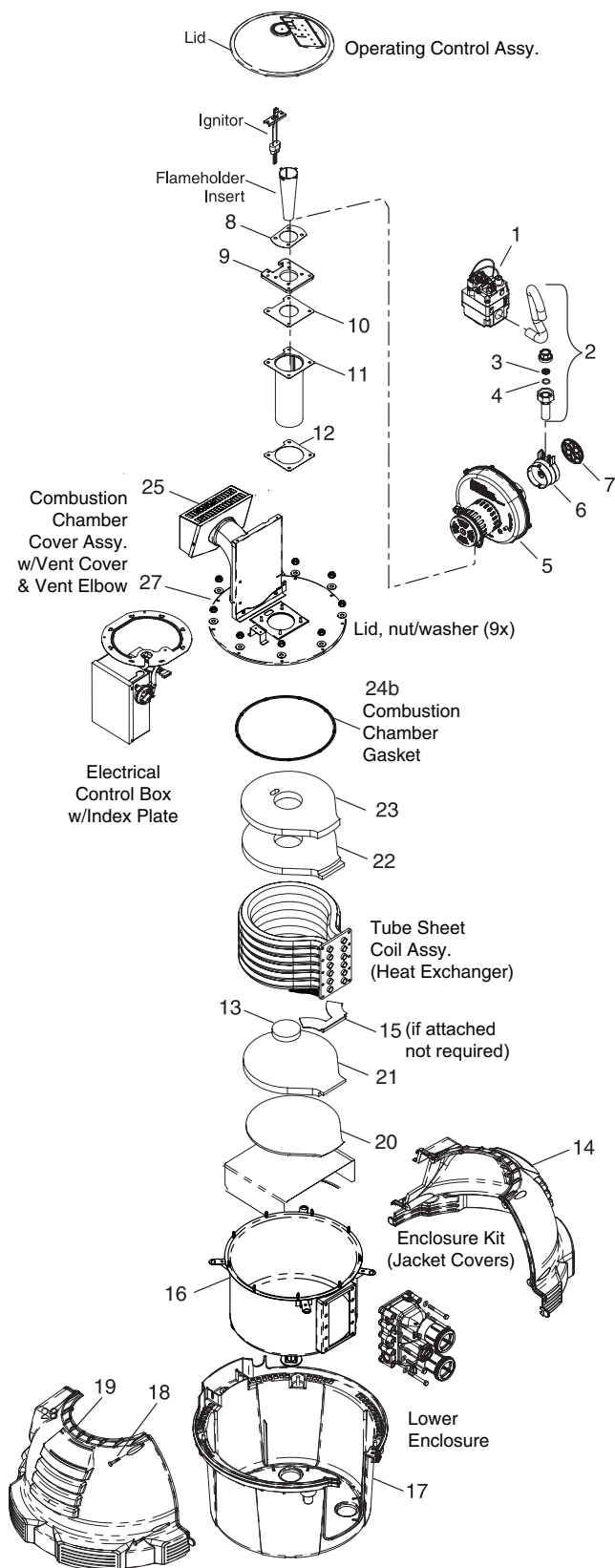
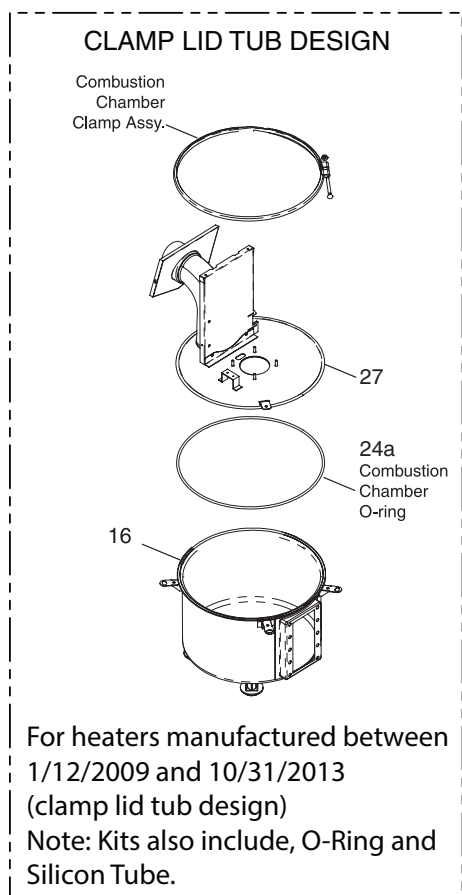
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MAX-E-THERM® HEATER

BURNER SYSTEM REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

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MAX-E-THERM® HEATER (CONT'D)

BURNER SYSTEM REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
MAX-E-THERM BURNER SYSTEM				
1	42001-0051S	Combination Gas Control Valve Kit	707.31	849.90
2	38404-4097S	3/4 in. Union	58.00	69.69
5	77707-0251	Air Blower Kit, Natural - 200NA Model (Single Volt Blower Adapter Included)	1337.38	1607.00
5	77707-0252	Air Blower Kit, Natural - 333NA Model (Single Volt Blower Adapter Included)	1337.38	1607.00
5	77707-0253	Air Blower Kit, Natural - 400NA Model (Single Volt Blower Adapter Included)	1337.38	1607.00
5	77707-0254	Air Blower Kit, Propane - 200LP Model (Single Volt Blower Adapter Included)	1337.38	1607.00
5	77707-0255	Air Blower Kit, Propane - 333LP Model (Single Volt Blower Adapter Included)	1337.38	1607.00
5	77707-0256	Air Blower Kit, Propane - 400LP Model (Single Volt Blower Adapter Included)	1337.38	1607.00
14	77707-0002	Enclosure Kit, Upper Right-Hand	351.94	422.89
16	474095	One Piece Metal Chamber/Combustion Chamber Assembly ²	CALL	CALL
16	474957	One Piece Metal Chamber/Combustion Chamber Assembly ¹	686.34	824.71
17	42001-0001S	Lower Enclosure	857.53	1030.41
19	77707-3200N	Enclosure Kit, Upper Left-Hand - Natural (200)	366.77	440.71
19	77707-3333N	Enclosure Kit, Upper Left-Hand - Natural (333)	367.75	441.89
19	77707-3400N	Enclosure Kit, Upper Left-Hand - Natural (400)	367.75	441.89
19	77707-3200L	Enclosure Kit, Upper Left-Hand - Propane (200)	367.75	441.89
19	77707-3333L	Enclosure Kit, Upper Left-Hand - Propane (333)	367.75	441.89
19	77707-3400L	Enclosure Kit, Upper Left-Hand - Propane (400)	CALL	CALL
24a	474201	Combustion Chamber O-Ring Kit ²	CALL	CALL
24b	474952	Combustion Chamber O-Ring Kit ¹	73.50	88.32
27	474094	One Piece Metal Elbow/Combustion Chamber Cover Assembly ²	CALL	CALL
27	474958	One Piece Metal Elbow/Combustion Chamber Cover Assembly ¹	781.40	938.93
28	42002-0005S	Metal Vent Cover	212.88	255.80
29	42001-0074S	Kit Lower Enclosure Insulation	89.18	107.16

Item	Part No.	Description	US List	Can. List
NOT SHOWN				
	77707-0431	Gas Orifice Kit - Natural - 200 Model (Incl. 3 & 4) *	88.55	106.40
	77707-0421	Gas Orifice Kit - Natural - 333 Model (Incl. 3 & 4) *	88.55	106.40
	77707-0411	Gas Orifice Kit - Natural - 400 Model (Incl. 3 & 4) *	88.55	106.40
	77707-0461	Gas Orifice Kit - Propane - 200 Model (Incl. 3 & 4) *	88.55	106.40
	77707-0451	Gas Orifice Kit - Propane - 333 Model (Incl. 3 & 4) *	88.55	106.40
	77707-0441	Gas Orifice Kit - Propane - 400 Model (Incl. 3 & 4) *	88.55	106.40
	77707-1461	NG to Propane Conversion Kit - 200 Model (Incl. 3 & 4) *	91.55	110.01
	77707-1451	NG to Propane Conversion Kit - 333 Model (Incl. 3 & 4) *	91.55	110.01
	77707-1441	NG to Propane Conversion Kit - 400 Model (Incl. 3 & 4) *	91.55	110.01
	77707-1431	Propane to NG Conversion Kit - 200 Model (Incl. 3 & 4) *	91.55	110.01
	77707-1421	Propane to NG Conversion Kit - 333 Model (Incl. 3 & 4) *	91.55	110.01
	77707-1411	Propane to NG Conversion Kit - 400 Model (Incl. 3 & 4) *	91.55	110.01
	77707-0111	Air Orifice Kit - (Incl. 6 & 7, 200 Model Only)	106.51	127.98
	77707-0112	Air Orifice Kit - (Incl. 6 & 7, 333 Model Only)	106.51	127.98
	77707-0113	Air Orifice Kit - (Incl. 6 & 7, 400 Model Only)	106.51	127.98
	77707-0011	Blower/Adapter Plate Gasket Kit - (Incl. 8, 9, 10, & 12)	104.88	126.02
	77707-0202	Flameholder Kit - 200 Model (Incl. 10, 11, 12 & 13)	249.25	299.50
	77707-0203	Flameholder Kit - 333 Model (Incl. 10, 11, 12, 13, & Flameholder Insert)	280.40	336.93
	77707-0204	Flameholder Kit - 400 Model (Incl. 10, 11, 12, 13, & Flameholder Insert)	327.12	393.07
	42001-0074S	Lower Enclosure Insulation	89.18	107.16
	77707-0008	Insulation Kit (Incl. 13, 15, 20, 21, 22, 23, 24, 25, 26)	253.96	305.16
	77707-0112	Air Orifice Kit 333 Model	106.51	127.98
	77707-0113	Air Orifice Kit 400 Model	106.51	127.98
	461100	Pro Service Package - Master Commonly replaced items in a reusable hardcase	1824.41	2192.21
	475265	Rodent Resistant Air Orifice Protection Cap	117.17	140.79
	42001-0085S	Bolt Down Kit	87.04	104.59

* Not included with heater. Order separately.

¹ For Heaters Manufactured after 11/16/13 (New 9-Bolt Lid Tub Design).

² For Heaters Manufactured after 1/12/09 (Clamp Lid Tub Design).

Note: Kits include Clamp assembly, O-ring and silicone tube.

CALIFORNIA PROPOSITION 65 WARNING

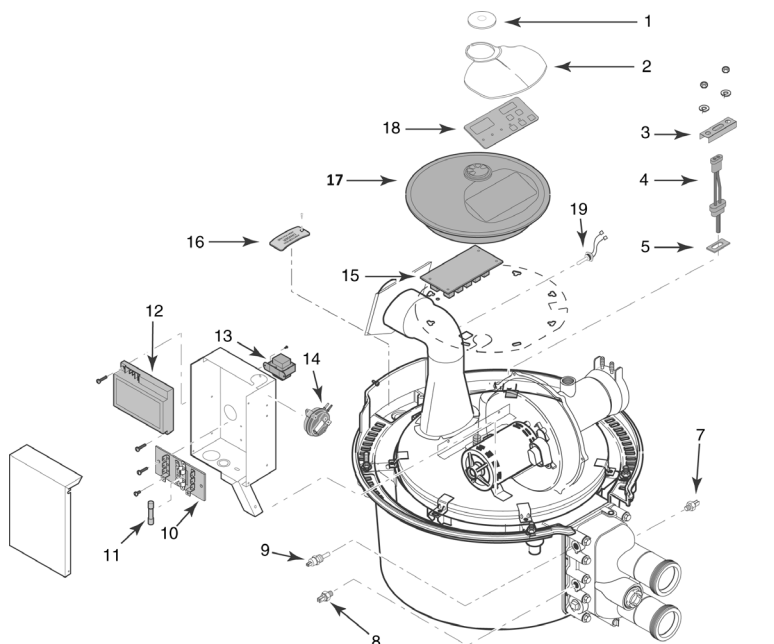
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PH 00114

MAX-E-THERM® HEATER

ELECTRICAL SYSTEM REPLACEMENT PARTS



Item	Part No.	Description	Qty.	US List	Can. List
MAX-E-THERM ELECTRICAL SYSTEM					
1	77707-0009	Display Cover Retainer Cap Kit, Cap and CPSC Warning Label	1	116.09	139.49
2	42001-0008S	Heater Display Cover	1	65.25	78.40
3	42001-0030S	Igniter Bracket	1	87.04	104.59
4	77707-0054	Igniter/Igniter Gasket Kit (Incl. Key Nos. 4 and 5)	1	134.88	162.07
5	42001-0066S	Igniter Gasket	1	87.04	104.59
7	42002-0025S	Automatic Gas Shutoff Switch (AGS)	1	82.96	99.68
8	42001-0063S	High Limit Switch	1	100.86	121.19
9	42001-0053S	Thermistor	1	128.84	154.81
10	42001-0056S	Terminal Board	1	87.04	104.59
11	32850-0099Z	Fireman's Switch Fuse (1.25A, 1-1/4 in.)	1	CALL	CALL
12	476223	Ignition Control Module	1	561.27	674.42
13	42001-0107Z	Transformer, 115/230V	1	92.76	111.46
14	42001-0061S	Air Flow Switch	1	223.09	268.06
15	461105	Control Board Kit (NA, LP Series)	1	1024.08	1230.53
16	77707-0022	Junction Box Cover Kit	1	87.04	104.59
17	77707-0013	Enclosure for Control Board (Incl. #17, 18)	1	438.03	526.34

Item	Part No.	Description	Qty.	US List	Can. List
18	472610Z	Five Button Membrane Keypad - for heaters made before 5/5/2021	1	223.50	268.56
18	461106	Six Button Membrane Keypad - For heaters made after 5/6/2021	1	223.48	268.53
19	42002-0024S	Stack Flue Sensor	1	193.87	232.95
19b	42002-0009	Stack Flue Switch	1	CALL	CALL
NOT SHOWN					
	461107	Heater Wiring Harness - 115/230V	1	536.73	644.93
	42001-0105S	120/240 Volt Plug Kit	1	87.04	104.59
	42002-0009	Temp Probe		CALL	CALL
	461101	Pro Service Page - Electrical Parts (includes items in a reusable hardcase: 4, 7 qty (2), 8 qty (2), 9 qty (2), 11 qty (3), 14, 19, not shown water pressure switch)		793.22	953.13

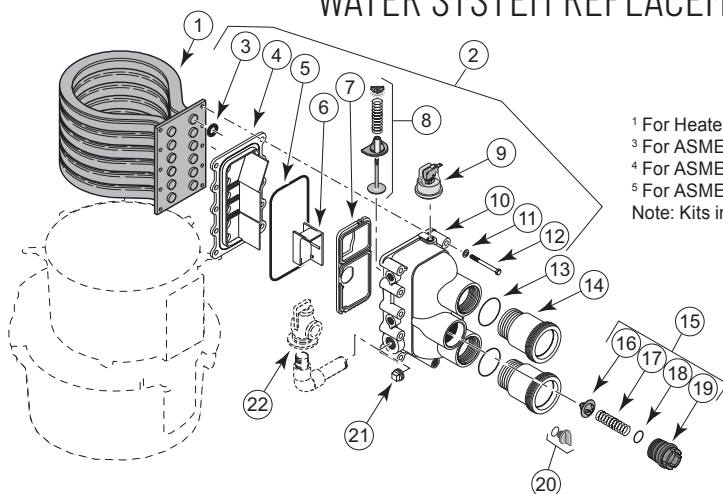
CALIFORNIA PROPOSITION 65 WARNING

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* For single voltage wire harness heaters prior to 2004.

MAX-E-THERM® HEATER

WATER SYSTEM REPLACEMENT PARTS



¹ For Heaters Manufactured after 1/12/09

³ For ASME Heaters Manufactured After 3/24/09 (Tub Design w/Clamp Ring).

⁴ For ASME Heaters Manufactured Prior to 10/2012 (Old Header Design).

⁵ For ASME Heaters Manufactured After 11/16/13 (New 9-Bolt Tub Design).

Note: Kits include Clamp, O-rings, Insulation, Igniter and Blower Gaskets.

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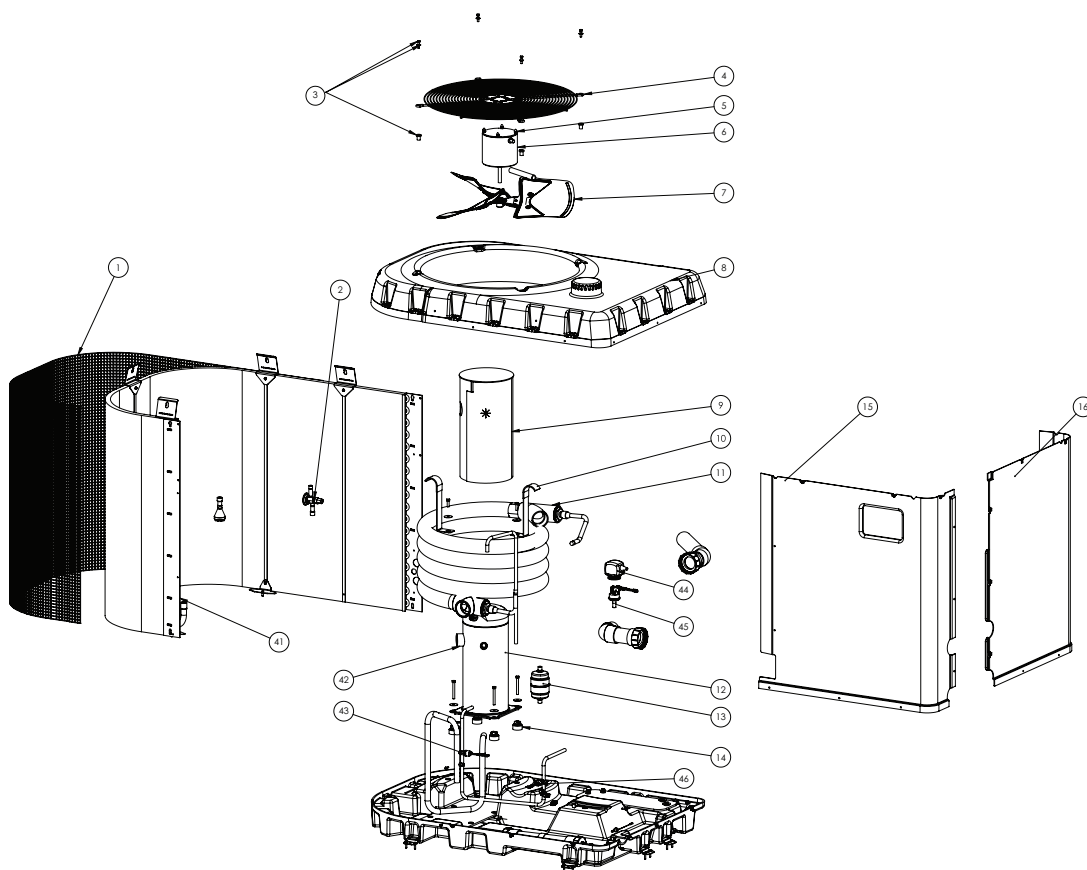
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Item	Part No.	Description	US List	Can. List
MAX-E-THERM WATER SYSTEM				
1	474058	Tube Sheet Coil Assembly Kit (NA, LP Series) (Incl. No. 3) - 200 Models ¹	1467.25	1763.05
1	474060	Tube Sheet Coil Assembly Kit (NA, LP Series) (Incl. No. 3) - 333 Models ¹	2031.58	2441.15
1	474061	Tube Sheet Coil Assembly Kit (NA, LP Series) (Incl. No. 3) - 400 Models ¹	2426.58	2915.78
1	474062	Tube Sheet Coil Assembly Kit (HD Series) (Incl. No. 3) - 200 Models ¹	2843.99	3417.34
1	474064	Tube Sheet Coil Assembly Kit (HD Series) (Incl. No. 3) - 333 Models ¹	3319.54	3988.76
1	474065	Tube Sheet Coil Assembly Kit (HD Series) (Incl. No. 3) - 400 Models ¹	3657.12	4394.40
2	77707-0014	Manifold Kit (Incl. Nos. 3-14, 20-21, and 7-9 in "Electrical System" (Page 300) - 200 Models	1036.76	1245.77
2	77707-0015	Manifold Kit (Incl. Nos. 3-14, 20-21, and 7-9 in "Electrical System" (Page 300) - 333 Models	1036.76	1245.77
2	77707-0016	Manifold Kit (Incl. Nos. 3-14, 20-21, and 7-9 in "Electrical System" (Page 300) - 400 Models	1036.76	1245.77
2	474200	Basic Manifold Kit (Incl. Nos. 3, 10-14)	330.79	397.48
3	77707-0117	Coil/Tubesheet Sealing O-Ring Kit - 200 Model (6)	126.00	151.40
3	77707-0118	Coil/Tubesheet Sealing O-Ring Kit - 333 Model (10)	87.04	104.59
3	77707-0119	Coil/Tubesheet Sealing O-Ring Kit - 400 Model (12)	87.04	104.59
8	77707-0001	Manifold Bypass Valve Package	92.26	110.86
9	42001-0060S	Water Pressure Switch	133.13	159.97
13	U9-266	O-Ring	CALL	CALL

Item	Part No.	Description	US List	Can. List
14	77707-0017	Connector Tube Kit (Includes 1 Connector Tube and 1 O-Ring)	88.48	106.32
15	77707-0010	Thermal Regulator Kit (Incl. Key 16-19 and Spring Clip)	168.52	202.49
16	38000-0007S	Thermal Regulator (Includes Spring Clip)	116.09	139.49
20	U178-920PZ	Drain Plug	8.07	9.70
22	473715Z	Kit Pressure Relief Valve	254.41	305.70
23	PKG 188Z	2 in. Union Adapter Package (includes 2)	48.66	58.47
461102		Pro Service Package - Water System Parts (Includes items in reusable hard case; #8, #9, #15, not shown - Thermistor qty(2), High Limit Switch qty(2), AGS Switch qty(2))	634.56	762.49
462052		Accessories and Documents Bundle	CALL	CALL
ASME KITS				
	472648Z	Bypass Access Plug (Old Header Design ASME)	599.44	720.29
	77707-0120	O-Ring Kit (Incl. Nos. 3, 5)	74.16	89.11
	474956	Heat Exchanger Kit ⁵ - 400 ASME	5007.41	6016.90
	460923	ASME Bypass Valve Kit ⁴ (Old Header Design)	519.72	624.50
	460924	Thermal Regulator Kit (incl. spring clip & install tools) (ASME) (Old Heater Design) ⁴	253.96	305.16
	460941	Heat Exchanger Kit - 250 ASME ²	CALL	CALL
	474097	Heat Exchanger Kit - 250 ASME ³	CALL	CALL

ULTRATEMP ETi® HEATER

HIGH-PERFORMANCE HYBRID HEATER



Item	Part No.	Description	Qty.	US List	Can. List
ULTRATEMP 220 ETi REFRIGERATION SYSTEM					
1	473054Z	Coil Guard	1	293.81	353.04
2	476105Z	Thermostatic Expansion Valve	1	180.85	217.31
3	470441	Fan Guard Fastener Kit	1	12.39	14.89
4	473786Z	Fan Guard	1	248.08	298.09
5	470439Z	Nut, #10-32 SS Acorn	1	11.69	14.05
6	473785	Fan Motor with Acorn Nut Kit	1	605.39	727.44
7	473783Z	Fan Blade	1	CALL	CALL
8	475938Z	Hybrid Lid Almond	1	600.44	721.49
9	475230Z	Compressor Blanket	1	138.35	166.24
10	475948Z	Titanium Heat Exchanger Tie Down Bracket	1	58.44	70.22
11	475949Z	Titanium Heat Exchanger	1	CALL	CALL

Item	Part No.	Description	Qty.	US List	Can. List
12	473735Z	Compressor, ZP70 (FG UNITS BUILT BEFORE 12/14/20)		3754.64	4511.58
12	476229Z	Compressor, ARA072KA (FG UNITS BUILT ON AND AFTER 12/14/20)		4254.41	5112.10
13	473121Z	Drier Single Direction	1	149.51	179.65
14	476232Z	Compressor Isolation Kit	1	41.60	49.99
15	475939Z	Control/HP Panel Almond		CALL	CALL
15	476069Z	Control/HP Panel Black		CALL	CALL
16	475940Z	Gas Panel Almond		366.70	440.63
16	476070Z	Gas Panel Black		366.70	440.63
*	476254	Thermal Protection Switch (For ARA072KA Compressors)		29.69	35.68

* Not shown

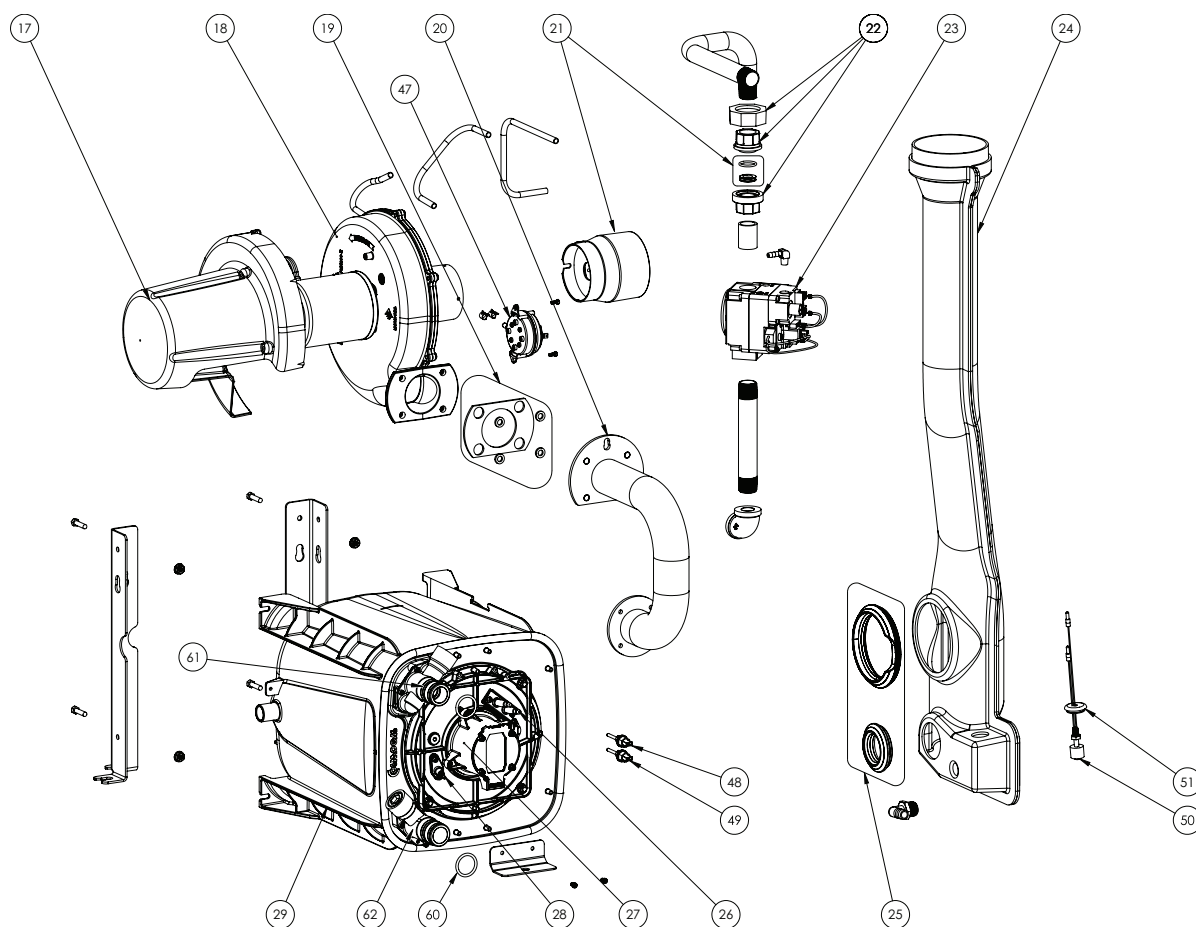
CALIFORNIA PROPOSITION 65 WARNING

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ULTRATEMP ETi® HEATER (CONT'D)

HIGH-PERFORMANCE HYBRID HEATER



Item	Part No.	Description	Qty.	US List	Can. List
ULTRATEMP 220 ETi GAS SYSTEM					
17	475918Z	Blower Shield Cap	82.07	98.62	94.91
18	474285Z	Blower	400.25	480.94	464.14
19	475902Z	Air Manifold to Blower Gasket Kit	32.40	38.93	37.47
20	475899Z	Air Manifold	552.89	664.35	639.42
21		Orifice Kit, Natural Gas			
21		Orifice Kit, Propane			
22	38404-4097S	3/4 in. Union	58.00	69.69	67.28
23		Gas Valve			
24	475900Z	Exhaust	1187.67	1427.10	1373.54
25	475877	Exhaust Gasket Kit (2 Pieces)	35.44	42.58	40.99
26	476081Z	Gas Engine Spark Electrodes	208.90	251.01	242.24
28	462023Z	Flame Sensor	72.10	86.64	CALL
61	462066	Kit Inlet Hybrid Exch	291.67	350.47	157.18
62	462067	Kit Outlet Hybrid Exch	291.67	350.47	157.18

Item	Part No.	Description	Qty.	US List	Can. List
ULTRATEMP 220 ETi GAS SYSTEM					
*	475615Z	Gas Heat Exchanger Gasket Service Kit	1	528.15	634.63
*	475606	Gas Heat Exchanger Hardware Kit	1	114.91	138.08
*	475943	Pressure Relief Valve Kit	1	318.60	382.83
	475954Z	Condensate Neutralizer Kit		363.48	436.76

* Not shown

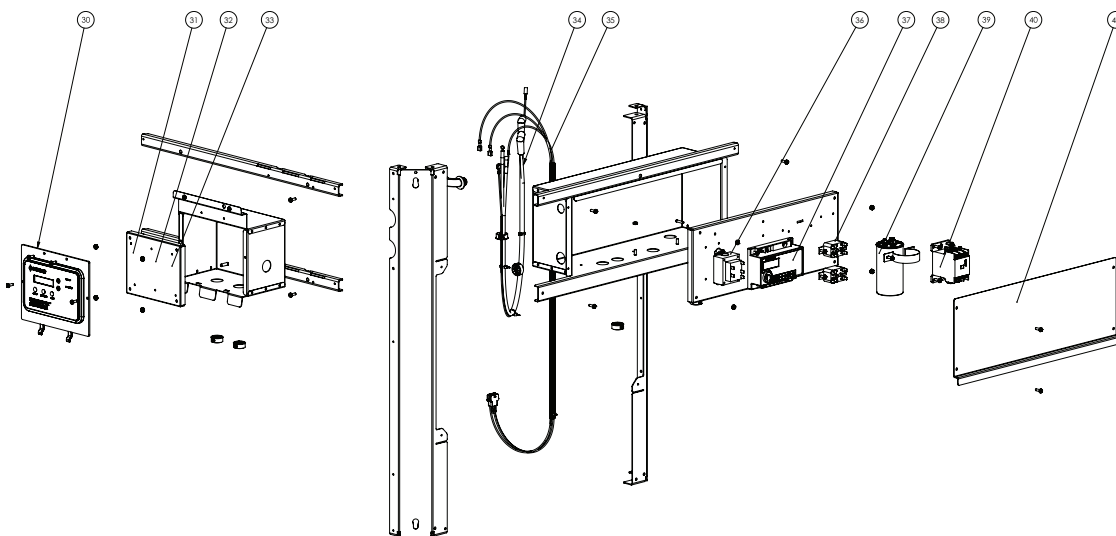
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ULTRATEMP ETi® HEATER (CONT'D)

HIGH-PERFORMANCE HYBRID HEATER



Item	Part No.	Description	Qty.	US List	Can. List
ULTRATEMP 220 ETi ELECTRICAL SYSTEM					
30	475957Z	Bezel, Control Board, and Label Kit	1	775.64	932.01
31	475928Z	Wire Harness, Gas Inputs	1	142.58	171.32
32	475929Z	Wire Harness, Heat Pump Inputs	1	82.07	98.62
33	475930Z	Wire Harness, Outputs	1	181.47	218.05
34	476450Z	Wire Harness, Spark Plugs		92.89	111.62
35	475931Z	Wire Harness, Gas Blower	1	28.08	33.74
36	473155Z	Transformer	1	255.90	307.49
37	475933Z	Ignition Control Module	1	818.72	983.77
38	473150Z	Relay, Fan and Gas	1	175.12	210.42
39	473731Z	Dual Capacitor with Bracket	1	CALL	CALL
40	473149	Contactor Compressor/ Input Power	1	275.54	331.09
41	475905Z	Cover Panel, High Voltage Box		132.98	159.79
42	474237Z	Compressor Harness Clip	1	13.52	16.25
43	473656Z	Switch, Low Refrigerant Pressure	1	180.66	217.08
44	473606Z	Water Pressure Switch Boot	1	10.46	12.57
45	475956Z	Water Pressure Switch	1	73.27	88.04
46	473744Z	Switch, High Refrigerant Pressure		147.48	177.21

Item	Part No.	Description	Qty.	US List	Can. List
47	475987	Air Pressure Switch		132.98	159.79
48	476118Z	Thermal Fuse		106.20	127.61
49	475601Z	Stack Flue Sensor		CALL	CALL
50	475901Z	Condensate Float Switch	1	62.43	75.02
51	475911Z	Condensate Float Switch Bushing	1	19.98	24.01
52	475941	Switch, Automatic Gas Shutoff, 140° F		60.29	72.44
53	475955Z	Switch, High Limit, 127° F		56.01	67.30
54	471566Z	Probe, Thermistor Water Temperature		85.08	102.23
*	475927Z	Wire Harness, High Voltage		90.74	109.03
*	475932Z	Compressor Harness, Hybrid (For ZP70 Compressor)		60.49	72.68
*	476234Z	Compressor Harness, Hybrid (For ARA072KA Compressor)		CALL	CALL

* Not shown

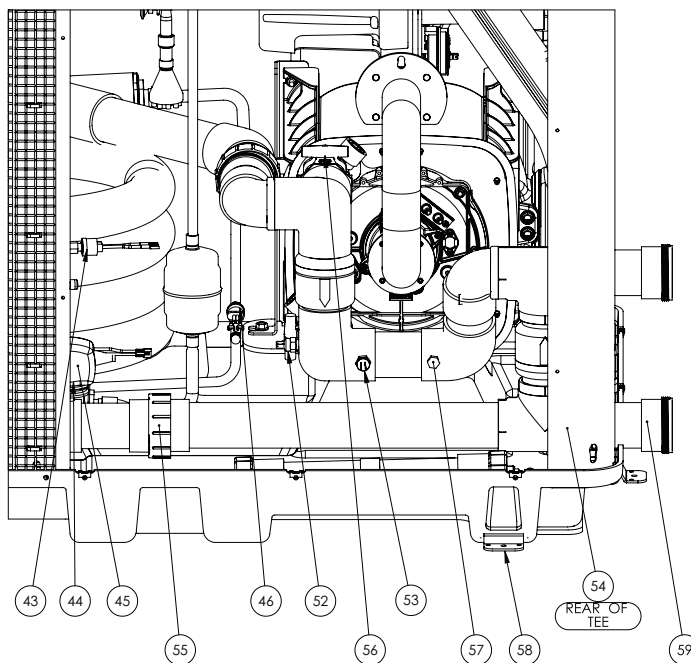
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ULTRATEMP ETi® HEATER (CONT'D)

HIGH-PERFORMANCE HYBRID HEATER



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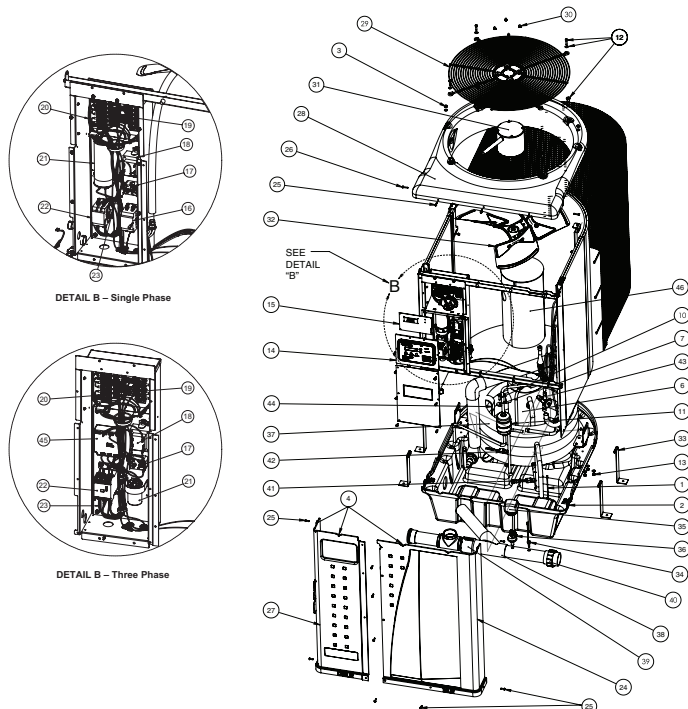
Item	Part No.	Description	Qty.	US List	Can. List
ULTRATEMP 220 ETi PLUMBING/MISC.					
	473665Z	Probe Thermistor, Defrost Sensor	1	68.98	82.89
55	473381	Union PVC 2in	1	44.03	52.91
56	475953Z	QRC Clip	1	21.19	25.46
57	98218900	Drain Plug (1/4 NPT)	1	10.34	12.42
59	476032Z	Water Management Assembly	1	1409.14	1693.22
60	475912Z	Gas Engine Brass Ftg O-ring, -215 Silicone	1	15.06	18.10
*	470284	Nut, J Clip (Base)	1	4.86	5.84
*	470281Z	Nut, U Clip (Panels)	1	4.05	4.87
*	470159Z	Panel Screws, Phillips, Almond	1	2.07	2.49
*	470161	Lid Bracket Scews, Square Drive, Almond	1	2.07	2.49
*	476036Z	Union/Tie Down Kit (Includes 8X Item 58 and 2X Item 55)	1	431.22	518.15
*	474198Z	Panel Screws, Phillips, Black	2.96	3.56	
*	474197	Lid Bracket Screws, Square Drive, Black	2.05	2.46	
*	475943	Pressure Relief Valve Kit	318.60	382.83	
*	473381	Union 2 in x 2 in, with O-Ring	44.03	52.91	

* Not shown

ULTRATEMP® HEAT PUMP

460833, 460863, 460928, 460929, 460930, 460931, 460932, 460933,
460934, 460935, 460936, 460937, 460938, 460958, 460959, 460960, 460961,
460962, 460963, 460964, 460965, 460967, 462032 & 462033

REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

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Item	Part No.	Description	US List	Can. List
ULTRATEMP REPLACEMENT PARTS				
1	473665Z	PROBE THERMISTOR DEFROST SENSOR	68.98	82.89
2	470284	NUT, J-CLIP	4.86	5.84
3	473285Z	NUT, 1/4-20 SS ACORN	2.96	3.56
4	470281Z	NUT, U-CLIP	4.05	4.87
5	473732Z	CLIP, COMPRESSOR HARNESS RETENTION	153.25	184.15
5	476233Z	Wire Harness, Compressor (1PH-60HZ) (For ARA083KA, ARA072KA, ARA061KA, and ABG049KAC compressors)	221.25	265.85
5	474010	WIRE HARNESS, COMPRESSOR (3-PHASE MODELS)	159.23	191.33
6	473734Z	COMPRESSOR, SCROLL ZP83 (MODEL 120, 120HC, 140, 140 HC ONLY) FG UNITS BUILT BEFORE 12/21/20	4230.28	5083.10
6	473735Z	COMPRESSOR, SCROLL ZP70 (MODEL 110 ONLY) FG UNITS BUILT BEFORE 12/14/20	3754.64	4511.58
6	474011Z	COMPRESSOR, SCROLL ZP83 (3-PHASE MODEL 120C, 140C ONLY)	4215.34	5065.15
6	474241Z	COMPRESSOR, SCROLL ZP61 (MODEL 90 ONLY) FG UNITS BUILT BEFORE 1/6/21	4951.31	5949.49
6	474291Z	COMPRESSOR, SCROLL ZP49 (MODEL 70 ONLY) FG UNITS BUILT BEFORE 1/6/21	4223.19	5074.59
6	476230Z	COMPRESSOR, SCROLL ARA083KA (MODEL 120Q, 120HC, 140, 140 HC) FG UNITS BUILT ON AND AFTER 12/21/20 (ACTIVE DEFROST UNITS SWITCHED TO NEW COMPRESSOR ON 5/10/21)	3754.64	4511.58
6	476229Z	COMPRESSOR, SCROLL ARA072KA (MODEL 110 ONLY) FG UNITS BUILT ON AND AFTER 12/14/20	4254.41	5112.10
6	476228Z	COMPRESSOR, SCROLL ARA061KA (MODEL 90 ONLY) FG UNITS BUILT ON AND AFTER 1/6/21	2925.26	3514.99
6	476227Z	COMPRESSOR, SCROLL ABG049KAC (MODEL 70 ONLY) FG UNITS BUILT ON AND AFTER 1/6/21	3429.60	4121.01
7	473295Z	FENDER WASHER	2.05	2.46
8	476232Z	COMPRESSOR ISOLATION KIT, GROMMET AND SPACER 1 SET	41.60	49.99
9	473745Z	BOLT 5/16-18 x 2 in. SS	7.08	8.51
10	98219800	BOLT 5/16-18 x 1 in. SS	3.57	4.29
11	473121Z	DRIER (ALL MODELS EXCEPT 120HC, 140HC)	149.51	179.65
11	473139Z	DRIER (MODEL 120HC, 140HC)	450.15	540.90
12	470441	FAN GUARD FASTENER KIT	12.39	14.89

ULTRATEMP® HEAT PUMP (CONT'D)

Item	Part No.	Description	US List	Can. List
13	071406Z	NUT, 1/4-20 HEX SS	CALL	CALL
14/15	472734	BEZEL, CONTRL BOARD & LABEL KIT	718.68	863.57
16	473603Z	PUMP CONTACTOR AUTOHEAT REPLACEMENT KIT (MODEL 70, 90, 110, 120, 120 H/C, 140, 140H/C)	521.71	626.89
17	473150Z	FAN RELAY	175.12	210.42
18	473155Z	TRANSFORMER	255.90	307.49
19	473422Z	WIRE HARNESS TERMINAL BLOCK-FAN, COMPRESSOR	131.82	158.39
20	473315Z	WIRE HARNESS, TERMINAL BLOCK-SENSORS	160.95	193.40
21	473731Z	CAPACITOR WITH BRACKET (MODEL 70, 90, 110, 120, 120Q, 120HC, 140, 140HC ONLY)	CALL	CALL
21	473154Z	CAPACITOR (3-PHASE MODEL 120C, 140C ONLY)	95.75	115.05
21	470146Z	CAPACITOR (MODEL 100I)	130.04	156.26
22	473149	CONTACTOR, HEAT PUMP (ALL SINGLE PHASE MODELS PRIOR TO 12/2014)	275.54	331.09
22	473778Z	CONTACTOR, HEAT PUMP (3-PHASE MODELS; ALL SINGLE PHASE MODELS POST 2014)	706.70	849.17
23	473423	WIRE HARNESS, MAIN (ALL SINGLE PHASE MODELS PRIOR TO 12/2014)	127.99	153.79
23	475112Z	WIRE HARNESS, MAIN (ALL SINGLE PHASE MODELS)	127.63	153.36
23	474021Z	WIRE HARNESS, MAIN (3-PHASE MODEL 120C, 140C ONLY)	233.07	280.06
24	473742Z	PANEL, FRONT RIGHT, 36 in. ALMD.	372.60	447.72
24	474194Z	PANEL, FRONT RIGHT, 36 in. BLACK	372.60	447.72
24	473412Z	PANEL, FRONT RIGHT (MODEL 70, 90, 90I ONLY)	320.34	384.92
24	474265Z	PANEL, FRONT RIGHT (MODEL 70 BLACK, 90 BLACK)	CALL	CALL
25	470159Z	SCREW #10 x .75 in. PAN HEAD PHILLIPS, ALMOND HEAD	2.07	2.49
25	474198Z	SCREW #10 x .75 in. PAN HEAD PHILLIPS, BLACK HEAD	2.96	3.56
26	470161	SCREW #10 x 1 in. BUTTON HEAD TORX, ALMOND HEAD	2.07	2.49
26	474197	SCREW #10 x 1 in. BUTTON HEAD TORX, BLACK HEAD	2.05	2.46
27	473755	PANEL, FRONT LEFT, W/ DECAL	394.15	473.61
27	474196	PANEL, FRONT LEFT, W/ DECAL, 36 in. BLACK	394.15	473.61
27	474203	PANEL, FRONT LEFT, W/ DECAL (MODEL 70, 90, AND 90I ONLY)	362.64	435.75
27	474267	PANEL, FRONT LEFT, W/ DECAL, 24 in. BLACK	362.62	435.72
28	473773Z	HP TOP, ALMOND	976.73	1173.64
28	474193Z	HP TOP, BLACK	674.74	810.77
28	475273Z	HP TOP, ALMOND (MODEL 120Q ONLY)	976.68	1173.58
28	475274Z	HP TOP, BLACK (MODEL 120Q ONLY)	976.68	1173.58

Item	Part No.	Description	US List	Can. List
29	473786Z	GUARD, FAN	248.08	298.09
30	470439Z	NUT, #10-32 SS ACORN	11.69	14.05
31	473785	FAN MOTOR W/ ACORN NUT KIT	605.39	727.44
31	474030Z	FAN MOTOR W/ ACORN NUT KIT (MODEL 90I ONLY)	838.14	1007.11
31	474323Z	FAN MOTOR W/ACORN NUT KIT (MODEL 140 & 140HC ONLY)	634.60	762.54
32	473783Z	FAN BLADE (60 Hz)	288.61	346.79
32	474230Z	FAN BLADE (50 Hz)	413.03	496.30
32	474322Z	FAN BLADE (MODELS 140 & 140HC ONLY)	346.33	416.15
32	475271Z	FAN BLADE (MODEL 120Q ONLY)	346.33	416.15
33	470137Z	TIE DOWN BRACKET	31.22	37.51
34	471566Z	PROBE THERMIST - WATER TEMPERATURE	85.08	102.23
35	473606Z	WATER PRESSURE SWITCH BOOT	10.46	12.57
36	473605Z	WATER PRESSURE SWITCH	119.92	144.10
37	473992	TITANIUM HEAT EXCHANGER (FOR ALL MODELS BUILT PRIOR TO JAN 2017, EXCEPT MODELS 100I, 90I, 90, 70)	4959.85	5959.76
37	472736	TITANIUM HEAT EXCHANGER (FOR MODELS 100I & 90 ONLY, UNITS BUILT PRIOR TO JAN 2017)	4985.35	5990.40
37	475193Z	TITANIUM HEAT EXCHANGER (FOR ALL MODELS EXCEPT 70, UNITS BUILT AFTER JAN 2017)	3651.73	4387.92
37	475219Z	TITANIUM HEAT EXCHANGER (FOR MODEL 70 ONLY, UNITS BUILT AFTER JAN 2017)	3456.55	4153.39
38	473774Z	WATER BYPASS MANIFOLD W/ 2 STREET ELBOWS (PRIOR TO JAN. 2017)	765.38	919.68
38	475176Z	WATER MANIFOLD BYPASS KIT	549.38	660.14
40	473381	UNION PVC 2 in.	44.03	52.91
41	473656Z	SWITCH, LOW PRESSURE (ALL MODELS EXCEPT 140 H/C AD)	180.66	217.08
41	476093Z	SWITCH, LOW PRESSURE (UT140 H/C AD)	129.59	155.72
42	473744Z	SWITCH, HIGH PRESSURE	147.48	177.21
43	473787Z	THERMOSTATIC EXPANSION VALVE (MODEL 120, 120C, 120Q, 90I)	388.89	467.29
43	473999Z	THERMOSTATIC EXPANSION VALVE (MODEL 120HC, 110)	388.89	467.29
43	474242Z	THERMOSTATIC EXPANSION VALVE (MODEL 70, 90)	CALL	CALL
43	474327Z	THERMOSTATIC EXPANSION VALVE (MODELS 140, 140HC)	390.68	469.44
43	476094Z	Thermostatic Expansion Valve (Model 140 H/C AD)	367.29	441.34
44	475194Z	TITANIUM WATER COIL TIE DOWN, RIGHT SIDE	44.08	52.97
44	475195Z	TITANIUM WATER COIL TIE DOWN, LEFT SIDE	44.08	52.97
45	474089Z	PHASE MONITOR	390.15	468.80
46	475230Z	COMPRESSOR BLANKET	138.35	166.24

CALIFORNIA PROPOSITION 65 WARNING

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PR 201714

ULTRATEMP® HEAT PUMP (CONT'D)

Item	Part No.	Description	US List	Can. List
NOT SHOWN				
	473135Z	REVERSING VALVE (Model 120HC, 140HC) HEAT COOL ONLY	909.71	1093.11
	473432Z	REVERSING SOLENOID (Model 120HC, 140HC) HEAT COOL ONLY	333.30	400.49
	474270Z	TITANIUM COIL WATER SIDE REPAIR KIT (FOR HEAT EXCHANGER BUILT PRIOR TO JAN. 2017)	151.31	181.81
	474237Z	COMPRESSOR HARNESS CLIP	13.52	16.25
	461030Z	WATER UNION & TIE DOWN KIT	114.96	138.14
	474321Z	3 IN. RECEIVER (MODEL 140, 140HC)	366.26	440.10

Item	Part No.	Description	US List	Can. List
NOT SHOWN				
	473054Z	COIL GUARD	293.81	353.04
	475232Z	MALE HOSE BARB 5/8" X 1/2" NPT	8.80	10.57
	472409Z	COREMAX VALVE CORE	CALL	CALL
	071426Z	O-RING FOR UNION	2.57	3.09
	476422Z	HARD START CAPACITOR KIT	144.31	173.40
	476352Z	Bracket, Top (For Model 120Q only)	66.60	80.03
	476254	Thermal Protection Switch (For ARA083KA, ARA072KA, ARA061KA, and ABG049KAC compressors)	29.69	35.68

CALIFORNIA PROPOSITION 65 WARNING

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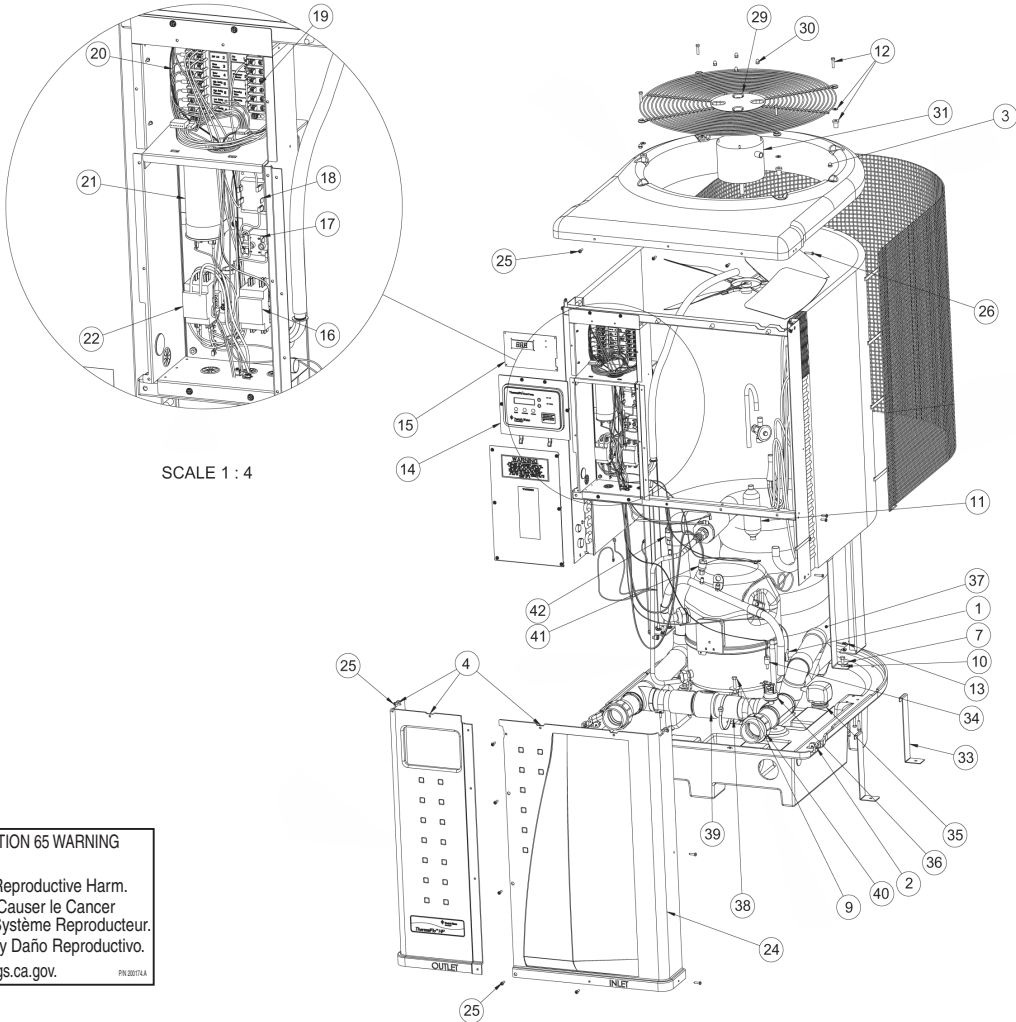
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PN 287514

THERMALFLO™ HEAT PUMP TITANIUM
460912, 460913, 460914, 460915, & 460922
REPLACEMENT PARTS



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PN 287514

THERMALFLO™ HEAT PUMP TITANIUM (CONT'D)

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
THERMALFLO HP TITANIUM				
1	473665Z	Probe Thermister Defrost Sensor	68.98	82.89
2	470284	Nut, J-Clip	4.86	5.84
3	473285Z	Nut, 1/4-20 SS Acorn	2.96	3.56
4	470281Z	Nut, U-Clip	4.05	4.87
7	473295Z	Fender Washer	2.05	2.46
9	473294Z	Bolt 5/16-18 x 1-3/4 in. SS	2.05	2.46
10	98219800	Bolt 5/16-18 x 1 in. SS	3.57	4.29
11	473121Z	Drier (Model # 500, 700, 900, 1200)	149.51	179.65
11	473139Z	Drier, Reversible (Model # 1200R)	450.15	540.90
12	470441	Fan Guard Fastener Kit	12.39	14.89
13	071406Z	Nut, 1/4-20 Hex SS	CALL	CALL
14	473693	Bezel, Control Board w/ Label	275.95	331.58
15	472734	Control Board Assembly	718.68	863.57
16	473603Z	Pump Contactor AutoHeat	521.71	626.89
17	473150Z	Fan Relay	175.12	210.42
18	473155Z	Transformer	255.90	307.49
19	473422Z	Wire Harness Terminal Block - Fan, Compressor	131.82	158.39
20	473315Z	Wire Harness, Terminal Block - Sensors	160.95	193.40
21	470146Z	Capacitor	130.04	156.26
22	473149	Contactor, Heat Pump	275.54	331.09
24	473412Z	Panel, Front Right (Model# 500, 700)	320.34	384.92
25	470159Z	Screw #10 x 3/4 in. Pan Head Phillips, Almond Head	2.07	2.49

Item	Part No.	Description	US List	Can. List
26	470161	Screw #10 x 1 in. Button Head Torx, Almond Head	2.07	2.49
29	473368	Guard, Fan	180.42	216.79
30	470439Z	Nut, 10-32 SS Acorn	11.69	14.05
31	470289	Fan Motor w/ Acorn nut Kit	458.54	550.98
33	470137Z	Tie Down Bracket	31.22	37.51
34	471566Z	Probe Thermister - Water Temperature	85.08	102.23
35	473606Z	Water Pressure Switch Boot	10.46	12.57
36	473605Z	Water Pressure Switch	119.92	144.10
37	472736	Titanium Heat Exchanger (Model# 700, 900, 1200, 1200R)	4985.35	5990.40
38	473774Z	Water Bypass Manifold ¹	765.38	919.68
40	473381	Union PVC 2 in.	44.03	52.91
41	473656Z	Switch, Low Pressure	180.66	217.08
42	473655	Switch, High Pressure	181.15	217.67
NOT SHOWN				
	473135Z	Reversing Valve (Model # 1200R)	CALL	CALL
	473432Z	Reversing Solenoid (Model # 1200R) ²	333.30	400.49

¹ For units manufactured after 7/1/09.

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