

**BOILER PARTS LIST - MODELS 12, 18, 24, 30, 36, 42, 48 (208, 240, 480 VOLTS)
YEAR BUILT 2018 – PRESENT (SERIAL # 6A01 – 6Mxx)**

ITEM #	PART DESCRIPTION	USE DESCRIPTION	Part No
1	ARRESTOR, WATER HAMMER	FEED WATER INLET ASSY	2119-010
2	CABLE 3-CONDUCTOR, 22"	BOILER LEVEL PROBE ASSY	5331-13
3	CABLE, 3 CONDUCTOR 25'	IT1, I60, REFRESH, R30i	5331-12
4	CABLE, 3 CONDUCTOR 50'	IT1, I60, REFRESH, R30i	5331-14
5	CABLE, 3 CONDUCTOR 100'	IT1, I60, REFRESH, R30i	5331-16
6	CABLE, 3 CONDUCTOR (PER FOOT)	IT1, I60, REFRESH, R30i, BOILER LEVEL PROBES	5890-08
7	CABLE, ASSY SENSOR 25'	ROOM TEMPERATURE SENSOR	5331-10
8	CABLE, ASSY SENSOR 50'	ROOM TEMPERATURE SENSOR	5331-11
9	CABLE, ASSY SENSOR 100'	ROOM TEMPERATURE SENSOR	5331-15
10	CABLE, 8-PIN SHIELDED 25'	T100B CONTROL	5304-07
11	CABLE, 8-PIN SHIELDED 100'	T100B CONTROL	5304-08
12	CLOCK, TIME, DIGITAL, D24/7, 120V	RUN, AUTODRAIN TIMER	9226-19
13	CLOCK, TIME, MECH, 24 HR, 120V	AUTODRAIN TIMER	9226-16
14	CLOCK, TIME, MECH, 7 DAY, 120V	BOILER RUN TIMER	9226-15
15	CONTROL, I60, PUSHBUTTON	I60 ON/OFF CONTROL, 60 MINUTE TIMER SWITCH ASSY	9208-314
16	CONTROL, IT1	THERMOSTAT ASSY	9206-10
17	CONTROL, REFRESH PUSHBUTTON	REFRESH P.B. ASSY, PCA/TOUCHPAD ONLY, NO HOUSING	3115-111
18	CONTROL, REFRESH SWITCH	IDS REFRESH CONTROL WITH CHROME TRIM RING	9208-313
19	CONTROL, T100B	TOUCH SCREEN CONTROL	8050-011
20	COVER PLATE, I60 ON/OFF SWITCH	I60 ON/OFF WALL CONTROL ASSY	4000-51
21	COVER PLATE, IT1 THERMOSTAT	THERMOSTAT CONTROL ASSY	4000-50
22	ELEMENT, BOILER	BOILER TANK ASSY	3005-*
23	FUSE HOLDER	BOILER ELECTRICAL ASSY	2111-03
24	FUSE, 3A 250V	BOILER ELECTRICAL ASSY	3100-14
25	FUSE, 100MA 250V SLOW BLOW	PCA ASSY	3100-10
26	GASKET KIT, ELEMENT	HEATING ELEMENT ASSY INCL HARDWARE & SEALANT	8855-105
27	GASKET, ELEMENT	HEATING ELEMENT ASSY – GASKET ONLY	2130-10
28	GAUGE, GLASS, 1/2" NPT, KIT	TANK ASSY, SIGHT GLASS, WATER LEVEL, COMPLETE	2124-01
29	GAUGE, PRESSURE, 1/4NPT	PRESSURE GAUGE ASSY, REAR MNT	2124-06
30	KNOB, THERMOSTAT, IT1	THERMOSTAT, BOILER CONTROL	2140-12
31	LIGHT, NEON, 120 VAC, 3/8 RED	BOILER ELECTRICAL ASSY	3161-03
33	PCA, BOILER 120V "LWCO"	BOILER ELECTRICAL ASSY (BUILT AFTER JAN 2018)	3241-052

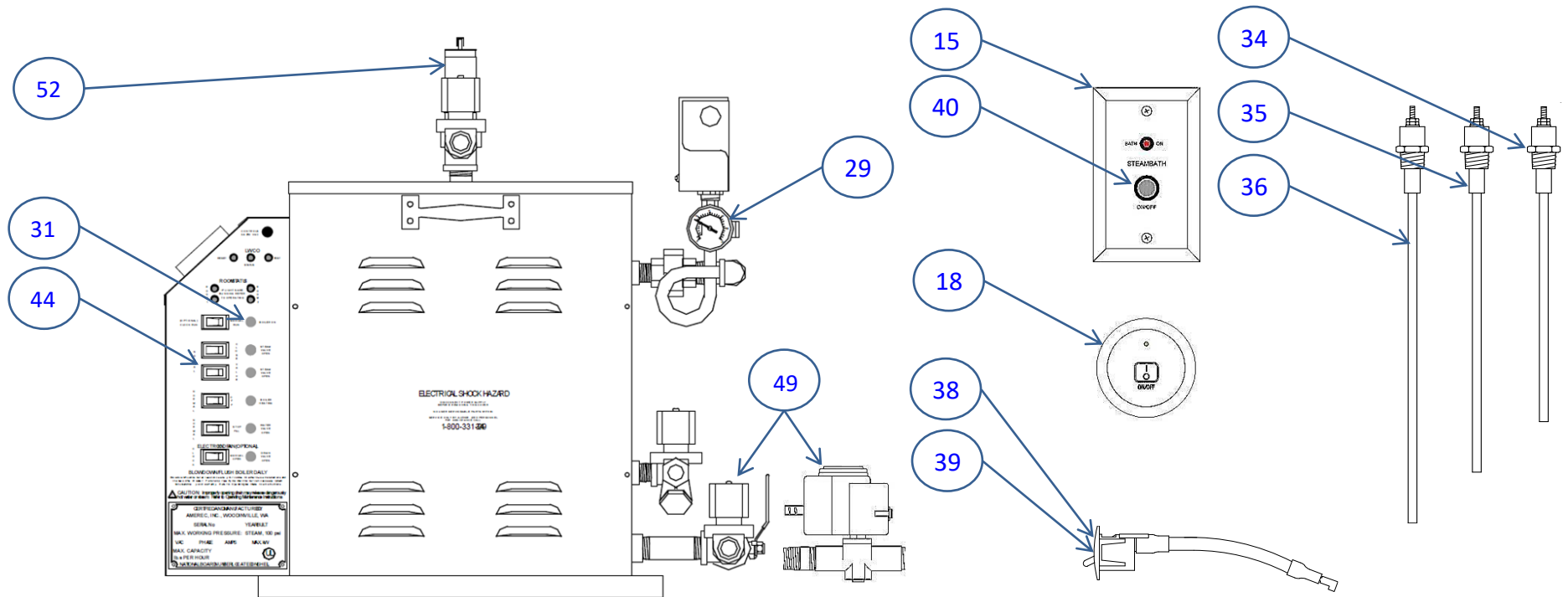
* Varies by model number, please refer to the IDENTIFICATION chart below.

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ITEM #	PART DESCRIPTION	USE DESCRIPTION	Part No
34	PROBE, WATER LEVEL (RED) 6.25"	BOILER ELECTRICAL ASSY	3190-331
35	PROBE, WATER LEVEL (WHITE) 7.50"	BOILER ELECTRICAL ASSY	3190-341
36	PROBE, WATER LEVEL (BLACK) 8.50"	BOILER ELECTRICAL ASSY	3190-351
37	RELAY, CONTACTOR, 120V, 50A, 3POLE	BOILER ELECTRICAL ASSY, 120V COIL	3130-06
38	SENSOR, TEMPERATURE 100K (BLACK)	ROOM TEMPERATURE SENSOR	9302-01
39	SENSOR, TEMPERATURE 100K WHITE)	ROOM TEMPERATURE SENSOR	9302-016
40	SWITCH, ON/OFF, I60	I60 ELECTRICAL ASSY, SWITCH ONLY	3121-02
42	SWITCH, PRESSURE, HIGH LIMIT	PRESSURE SWITCH ASSY, MANUAL RESET	3120-15
43	SWITCH, PRESSURE, OPERATING	PRESSURE SW. ASSY, 3-5PSI	3120-10
44	SWITCH, ROCKER, AI BOILER	BOILER ELECTRICAL ASSY	3121-01
45	TERMINAL BLOCK, 2-POSITION	BOILER ELECTRICAL ASSY	2100-09
46	TERMINAL BLOCK, MAIN PWR	BOILER ELECTRICAL ASSY, MODELS AI12, AI18, AI24	2100-12
47	TERMINAL BLOCK, MAIN PWR	BOILER ELECTRICAL ASSY, MODELS AI30, AI36, AI42, AI48	2100-11
48	VALVE, CHECK, 1/2" NPT	FEED WATER INLET ASSY	2123-060
49	VALVE, DRAIN, AUTO, 3/4" NPT	AUTODRAIN ASSY, NORMALLY CLOSED, 120V COIL	8855-06
50	VALVE, DRAIN, MANUAL, 3/4" NPT	DRAIN OUTLET ASSY, BALL VALVE	2123-03
51	VALVE, KIT, WATER INLET 1/4 NPT	FEED WATER INLET ASSY, 120V COIL (1/2"-1/4" RETROFIT)	8855-11
52	VALVE, PRESSURE RELIEF, 15 PSI	BOILER TANK ASSY, 3/4" NPT	2120-01
53	VALVE, MANUAL, 1/4" NPT	PRESSURE SWITCH ASSY, PRESSURE GAUGE SHUTOFF	2123-02
54	VALVE, STEAM SOLENOID, 120V	STEAM SUPPLY ASSY, 3/4 NPT 120V COIL	3173-22
55	VALVE, WATER INLET, 120V, 1/4 NPT	FEED WATER INLET ASSY, 120V COIL	3173-25
56	WIRE ASSY, ELEMENT, RED 10"	HEATING ELEMENT ASSY	5262-20
57	WIRE ASSY, POWER WIRES, RED 17"	BOILER ELECTRICAL ASSY, AI12, AI18, AI24	5862-34
58	WIRE ASSY, POWER WIRES, RED 21"	BOILER ELECTRICAL ASSY, AI30, AI36, AI42, AI48	5862-42

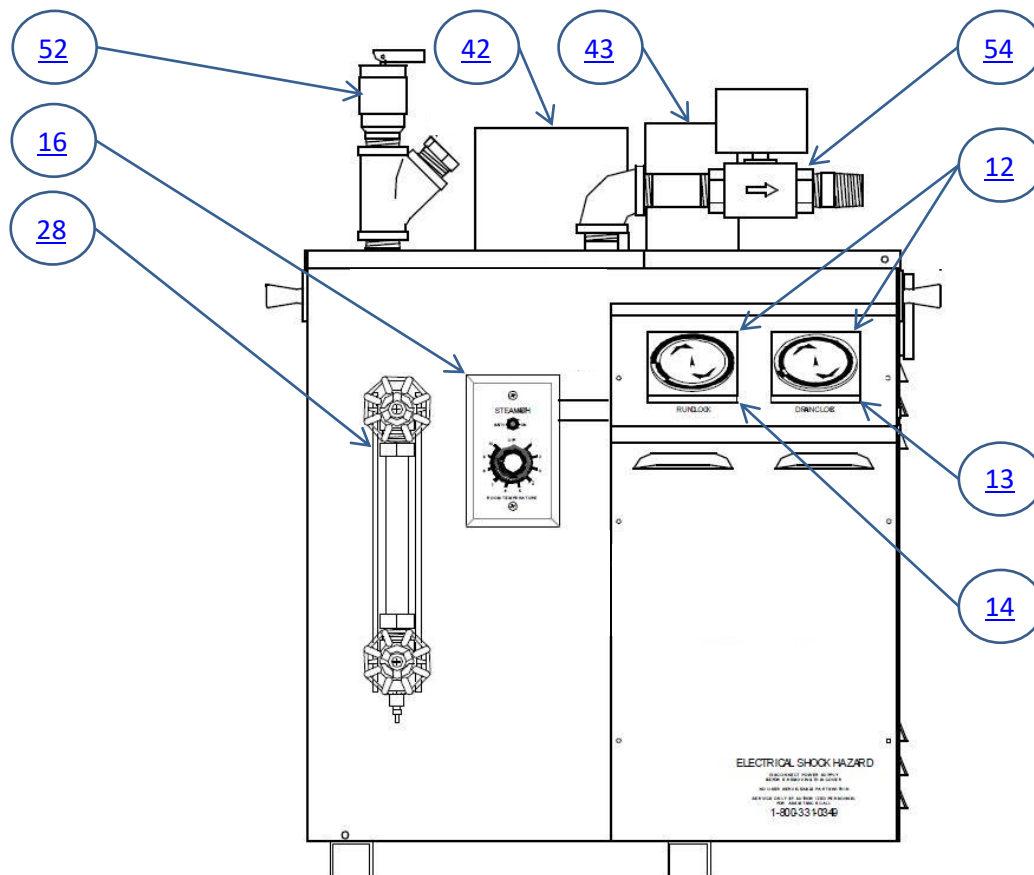
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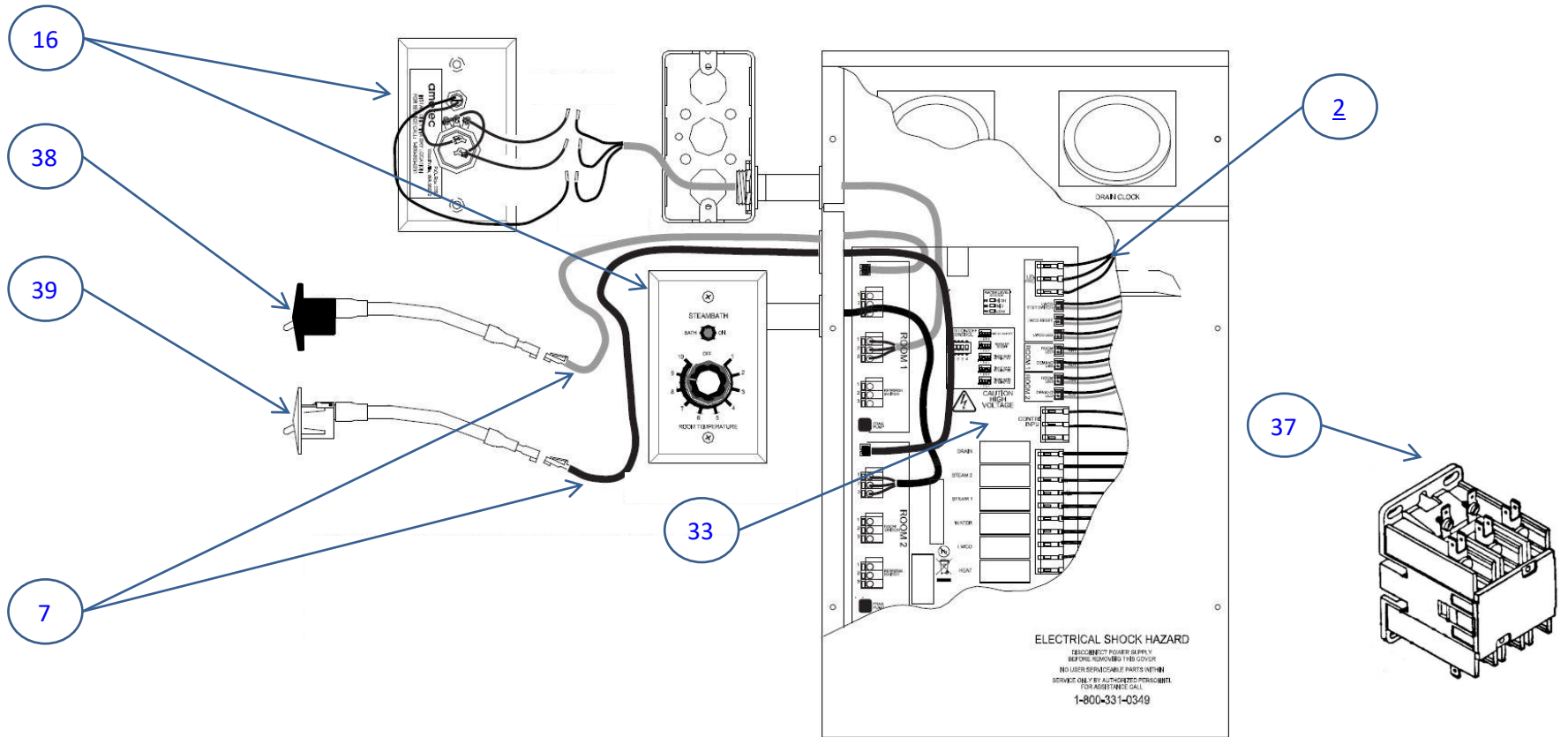
ITEM #	PART DESCRIPTION	USE DESCRIPTION	Part No
15	CONTROL, I60, PUSHBUTTON	I60 ON/OFF CONTROL, 60 MINUTE TIMER SWITCH ASSY	9208-314
18	CONTROL, REFRESH SWITCH	IDS REFRESH CONTROL WITH CHROME TRIM RING	9208-313
29	GAUGE, PRESSURE, 1/4NPT	PRESSURE GAUGE ASSY, REAR MNT	2124-06
31	LIGHT, NEON, 120 VAC, 3/8 RED	BOILER ELECTRICAL ASSY	3161-03
34	PROBE, WATER LEVEL (RED) 6.25"	BOILER ELECTRICAL ASSY	3190-331
35	PROBE, WATER LEVEL (WHITE) 7.50"	BOILER ELECTRICAL ASSY	3190-341
36	PROBE, WATER LEVEL (BLACK) 8.50"	BOILER ELECTRICAL ASSY	3190-351
38	SENSOR, TEMPERATURE 100K (BLACK)	ROOM TEMPERATURE SENSOR	9302-01
39	SENSOR, TEMPERATURE 100K WHITE)	ROOM TEMPERATURE SENSOR	9302-016
40	SWITCH, ON/OFF, I60	I60 ELECTRICAL ASSY, SWITCH ONLY	3121-02
44	SWITCH, ROCKER, AI BOILER	BOILER ELECTRICAL ASSY	3121-01
49	VALVE, DRAIN, AUTO, 3/4" NPT	AUTODRAIN ASSY, NORMALLY CLOSED, 120V COIL	8855-06
52	VALVE, PRESSURE RELIEF, 15 PSI	BOILER TANK ASSY, 3/4" NPT	2120-01

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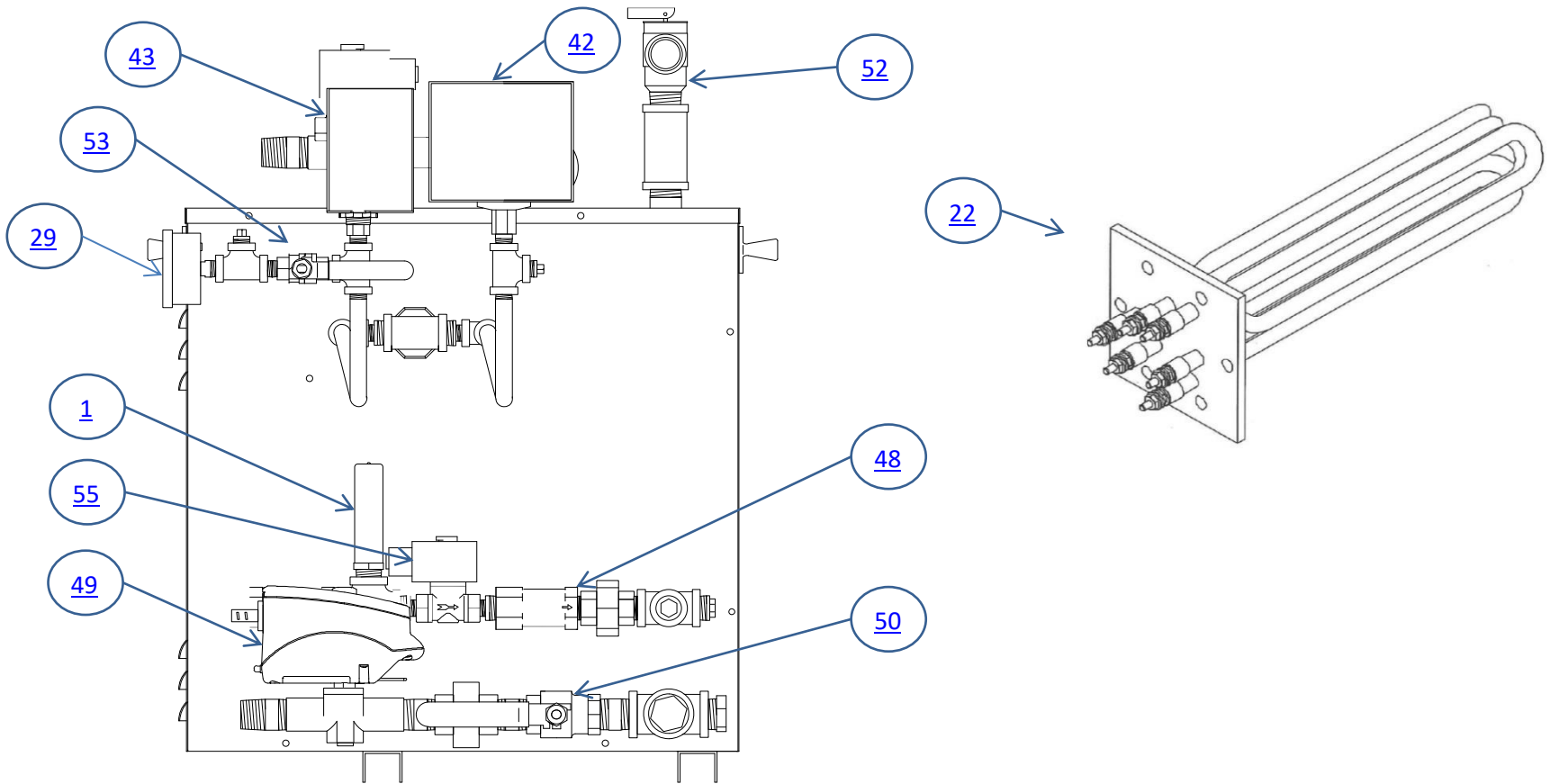
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12	CLOCK, TIME, DIGITAL, D24/7, 120V	RUN, AUTODRAIN TIMER	9226-19
13	CLOCK, TIME, MECH, 24 HR, 120V	AUTODRAIN TIMER	9226-16
14	CLOCK, TIME, MECH, 7 DAY, 120V	BOILER RUN TIMER	9226-15
16	CONTROL, IT1	THERMOSTAT ASSY	9206-10
28	GAUGE, GLASS, 1/2" NPT, KIT	TANK ASSY, SIGHT GLASS, WATER LEVEL, COMPLETE	2124-01
42	SWITCH, PRESSURE, HIGH LIMIT	PRESSURE SWITCH ASSY, MANUAL RESET	3120-15
43	SWITCH, PRESSURE, OPERATING	PRESSURE SW. ASSY, 3-5PSI	3120-10
52	VALVE, PRESSURE RELIEF, 15 PSI	BOILER TANK ASSY, 3/4" NPT	2120-01
54	VALVE, STEAM SOLENOID, 120V	STEAM SUPPLY ASSY, 3/4 NPT 120V COIL	3173-22

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ITEM #	PART DESCRIPTION	USE DESCRIPTION	Part No
7	CABLE, ASSY SENSOR 25'	ROOM TEMPERATURE SENSOR	5331-10
2	CABLE 3-CONDUCTOR, 22"	BOILER LEVEL PROBE ASSY	5331-13
16	CONTROL, IT1	THERMOSTAT ASSY	9206-10
33	PCA, BOILER 120V "LWCO"	BOILER ELECTRICAL ASSY (BUILT AFTER JAN 2018)	3241-052
37	RELAY, CONTACTOR, 120V, 50A, 3POLE	BOILER ELECTRICAL ASSY, 120V COIL	3130-06
38	SENSOR, TEMPERATURE 100K (BLACK)	ROOM TEMPERATURE SENSOR	9302-01
39	SENSOR, TEMPERATURE 100K (WHITE)	ROOM TEMPERATURE SENSOR	9302-016

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22	ELEMENT, BOILER	BOILER TANK ASSY	3005-*
29	GAUGE, PRESSURE, 1/4NPT	PRESSURE GAUGE ASSY, REAR MNT	2124-06
42	SWITCH, PRESSURE, HIGH LIMIT	PRESSURE SWITCH ASSY, MANUAL RESET	3120-15
43	SWITCH, PRESSURE, OPERATING	PRESSURE SW. ASSY, 3-5PSI	3120-10
48	VALVE, CHECK, 1/2" NPT	FEED WATER INLET ASSY	2123-060
49	VALVE, DRAIN, AUTO, 3/4" NPT	AUTODRAIN ASSY, NORMALLY CLOSED, 120V COIL	8855-06
50	VALVE, DRAIN, MANUAL, 3/4" NPT	DRAIN OUTLET ASSY, BALL VALVE	2123-03
52	VALVE, PRESSURE RELIEF, 15 PSI	BOILER TANK ASSY, 3/4" NPT	2120-01
53	VALVE, MANUAL, 1/4" NPT	PRESSURE SWITCH ASSY, PRESSURE GAUGE SHUTOFF	2123-02
55	VALVE, WATER INLET, 120V, 1/4 NPT	FEED WATER INLET ASSY, 120V COIL	3173-25

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***HEATING ELEMENT IDENTIFICATION CHART**

When removing or replacing a heating element we recommend having a gasket kit on hand.

Model - Volts	Phases	Heating Element kw, part number, (QTY USED)
12-208	1/3	12kw, 3005-512 (1)
12-240	1/3	12kw, 3005-612 (1)
12-480	3	12kw, 3005-812 (1)
18-208	1/3	18kw, 3005-518 (1)
18-240	1/3	18kw, 3005-618 (1)
18-480	3	18kw, 3005-818 (1)
24-208	1/3	24kw, 3005-524 (1)
24-240	1/3	24kw, 3005-624 (1)
24-480	3	24kw, 3005-824 (1)
30-208	3	12kw, 3005-512 (1)
		18kw, 3005-518 (1)
30-240	3	12kw, 3005-612 (1)
		18kw, 3005-618 (1)
30-480	3	12kw, 3005-812 (1)
		18kw, 3005-818 (1)
36-208	3	18kw, 3005-518 (2)
36-240	3	18kw, 3005-618 (2)
36-480	3	18kw, 3005-818 (2)
42-208	3	18kw, 3005-518 (1)
		24kw, 3005-524 (1)
42-240	3	24kw, 3005-618 (1)
		24kw, 3005-624 (1)
		18kw, 3005-818 (1)
42-480	3	24kw, 3005-824 (1)
		24kw, 3005-824 (1)
48-240	3	24kw, 3005-624 (2)
48-480	3	24kw, 3005-824 (2)

HEATING ELEMENT GASKET KIT 8855-105, GASKET ONLY 2130-10