PARTS MANUAL

600 SERIES

Aqua-Hot HEATING SYSTEMS INC.

AHE-600-D03

AHE-675-D03

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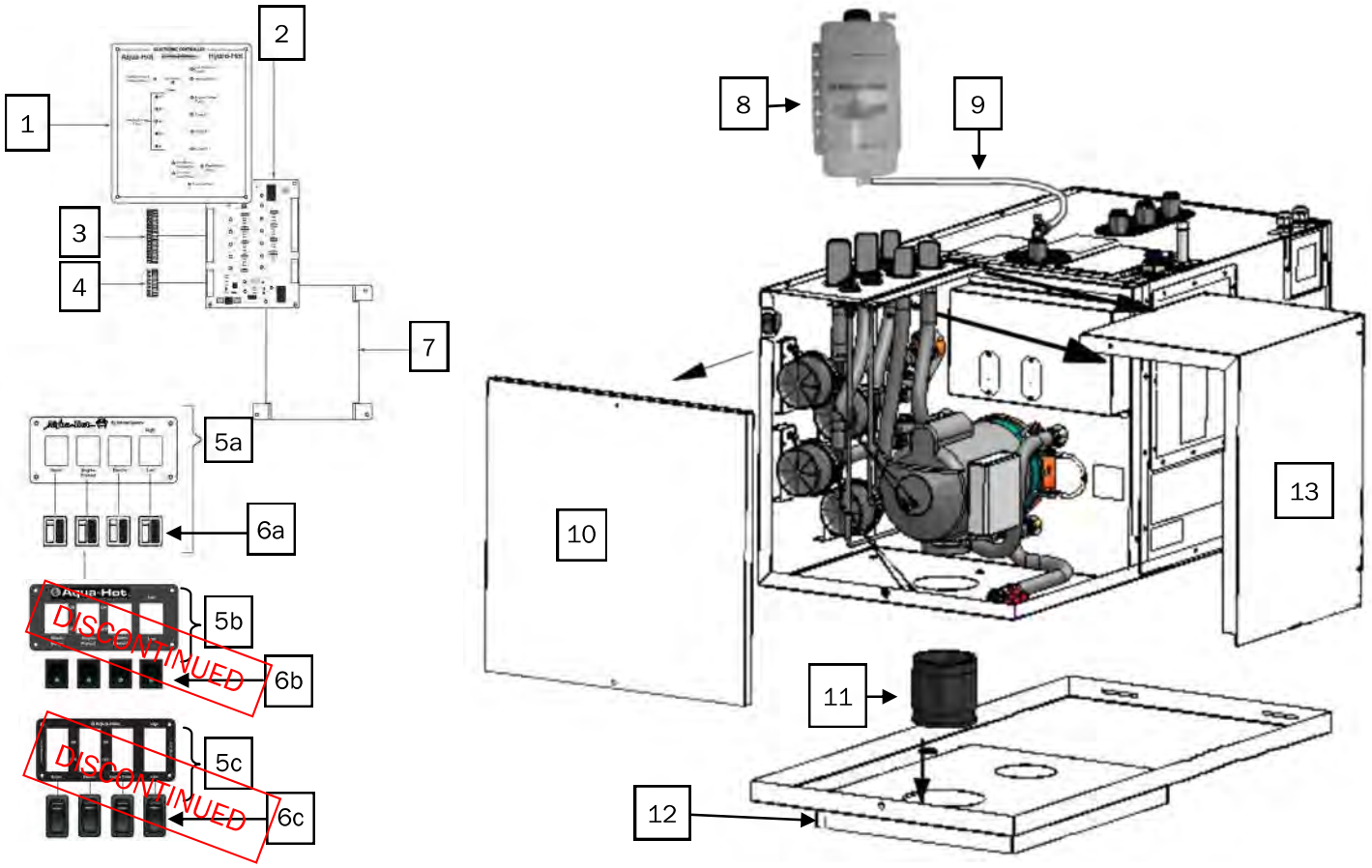
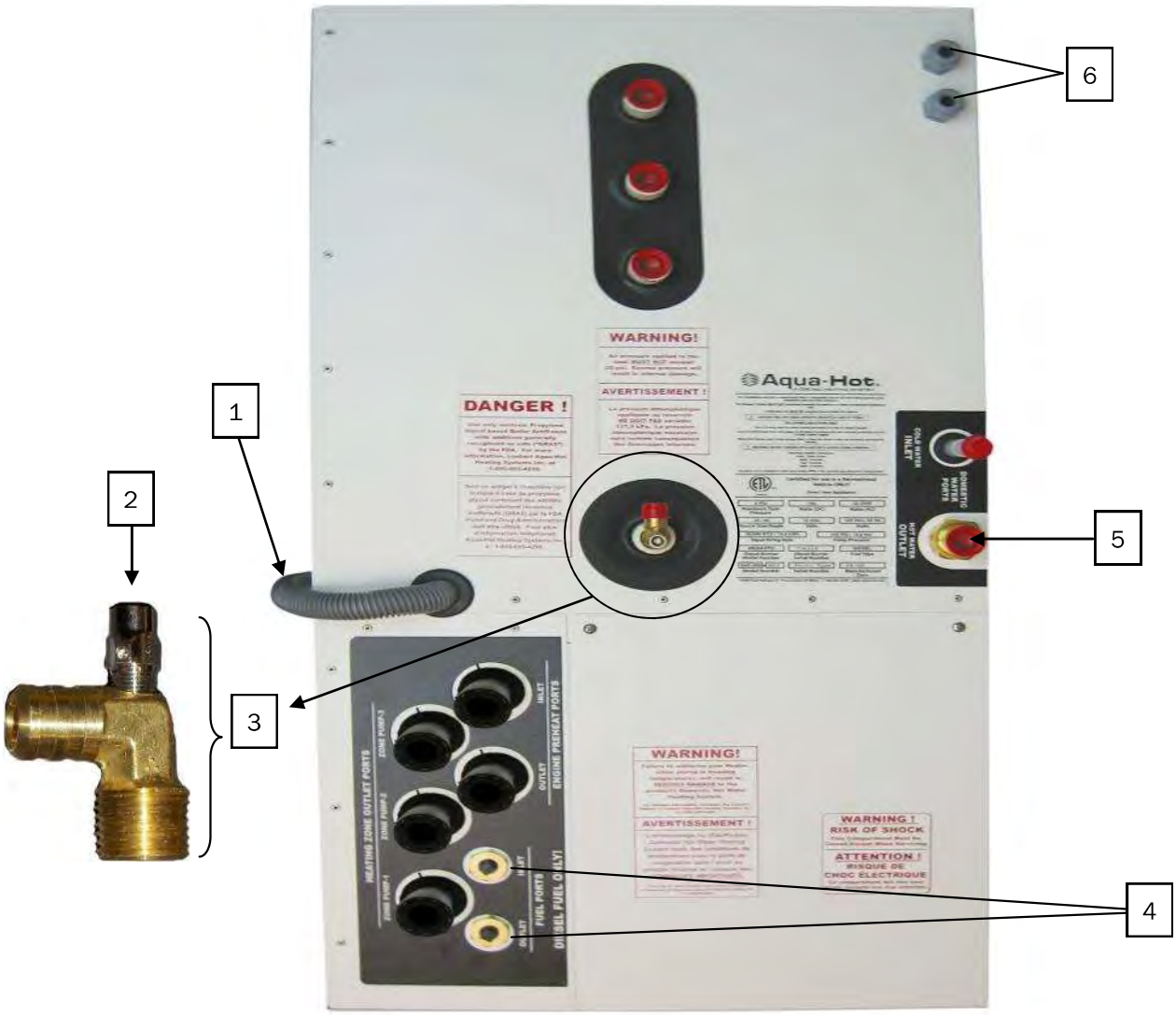
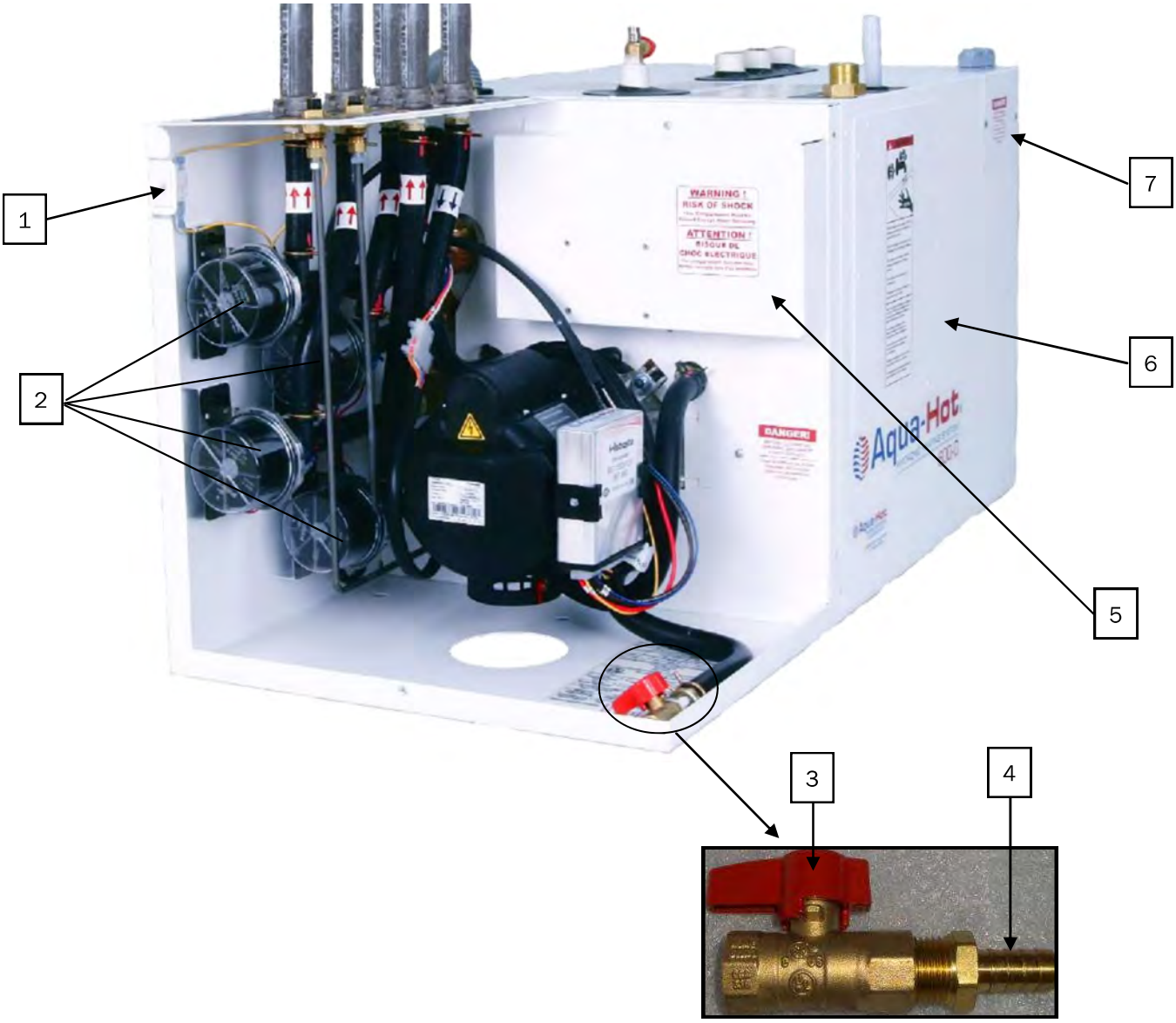


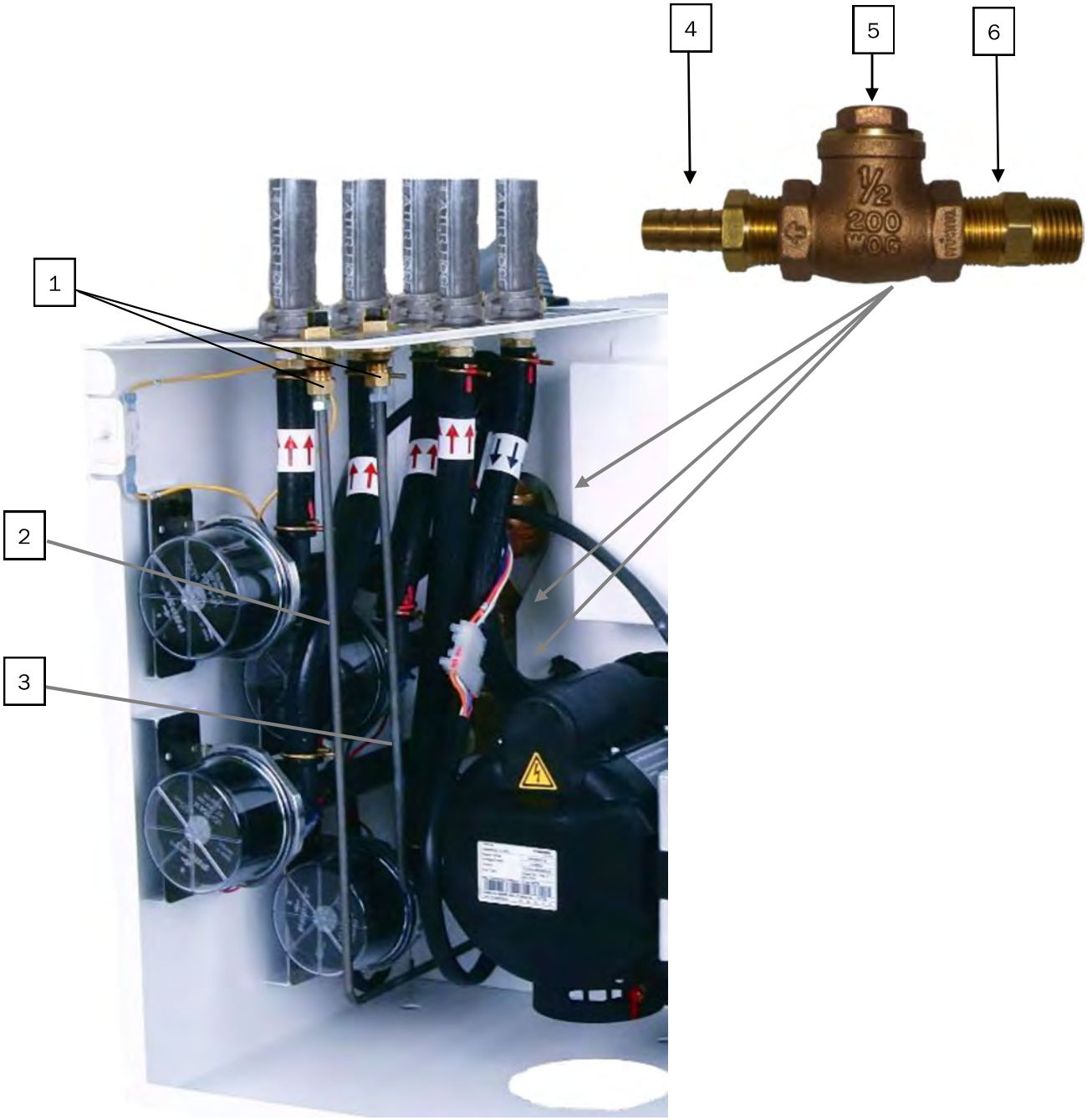
Key	Part Number	Date of Use	Description
1	SME-200-501		Faceplate, Electronic Controller, Assembly
2	ELE-PC4-010-AA		Controller, Electronic, 12 VDC
3	ELX-312-491		Plug, Electronic Controller, 20-position
4	ELX-312-499		Plug, Electronic Controller, 8-position
5a	ELE-000-907	08/2009- 12/2010	Panel, Switch, Assembly, 4-position, 12 VDC– OBSOLETE
5b	ELE-000-907	01/2011- 08/2011	Panel, Switch, Assembly, 4-position, 12 VDC - OBSOLETE
5c	ELE-000-908	09/2011- Current	Panel, Switch, Assembly, 4-position, 12 VDC
6a	ELX-283-284	08/2009- 12/2010	Switch, Rocker, w/LED– OBSOLETE
6b	ELX-283-284	01/2011- 08/2011	Switch, Rocker, w/LED - OBSOLETE
6c	ELX-283-283	09/2011- Current	Switch, Rocker, w/LED
7	SME-EN4-008		Back, Electronic Controller, Enclosure
8	PLE-622-902		Tank, 5 QT, Expansion assembly
9	PLE-210-191		Tube, Over Flow Clear 5/8 in. x 8ft.
10	SME-600-007		Cover, Access Front
11	PLX-450-860		Sleeve, Air Intake, 3 in DIA x 4 in. Long Rubber
12	SME-600-009		Tray, Mounting Assembly, 600
13	SME-600-006		Cover, Access Side



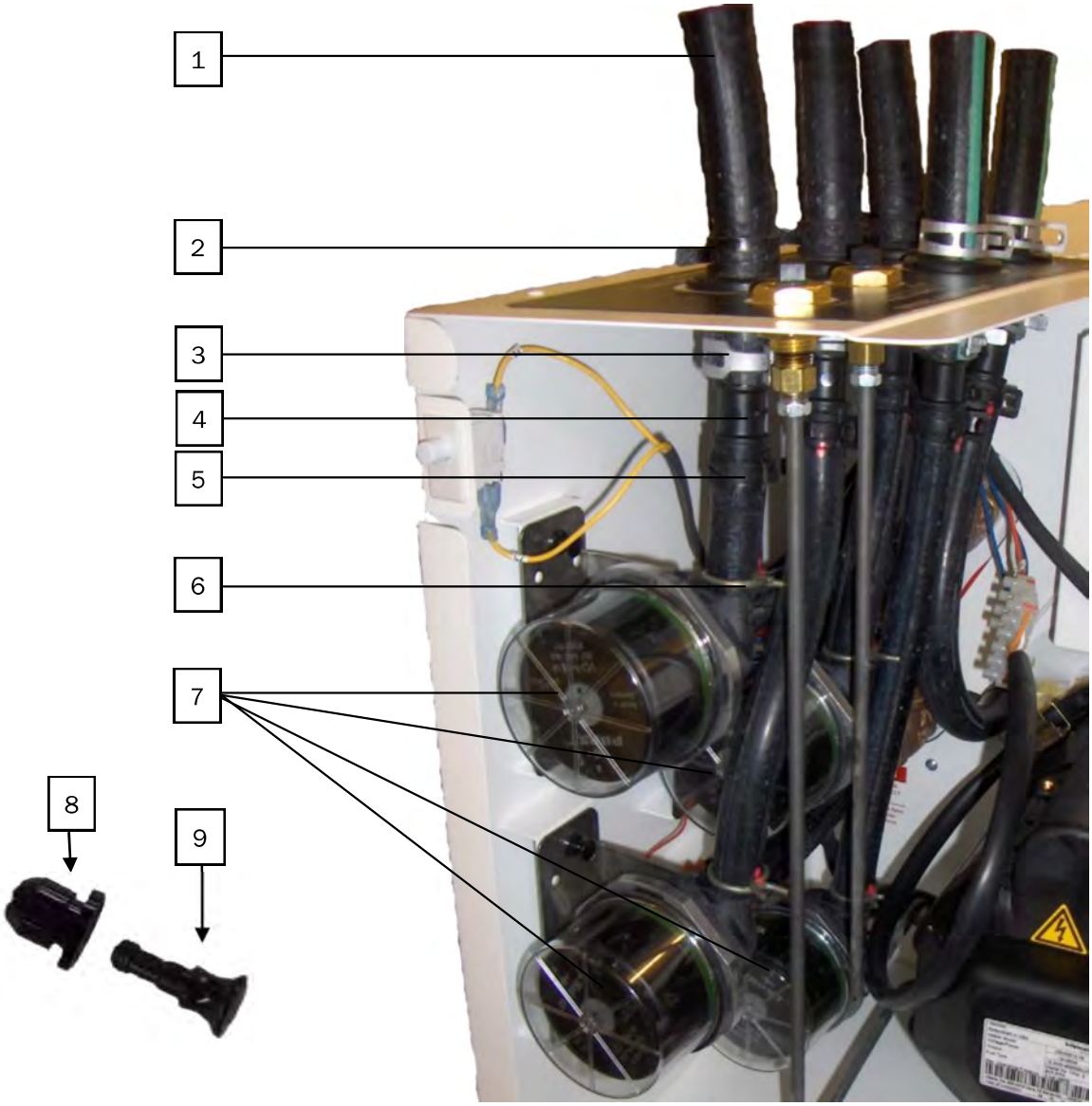
Key	Part Number	Description
1	ELE-100-464	Harness, Circulation Pump and Burner Control 12ft.
2	PLX-007-065	Valve, Air Comb, Coin/Key
3	PLE-007-000	Valve, Air Assembly Comb, Coin/Key
4	PLX-105-800	Fitting, Bulkhead, 1/4 x 1/4 in (F) NPT Brass
5	PLE-105-810	Fitting, Bulkhead Mod 1/2 x 1/2 (F)
6	HDX-000-623	Clamp, Romex 1/2’ Plastic



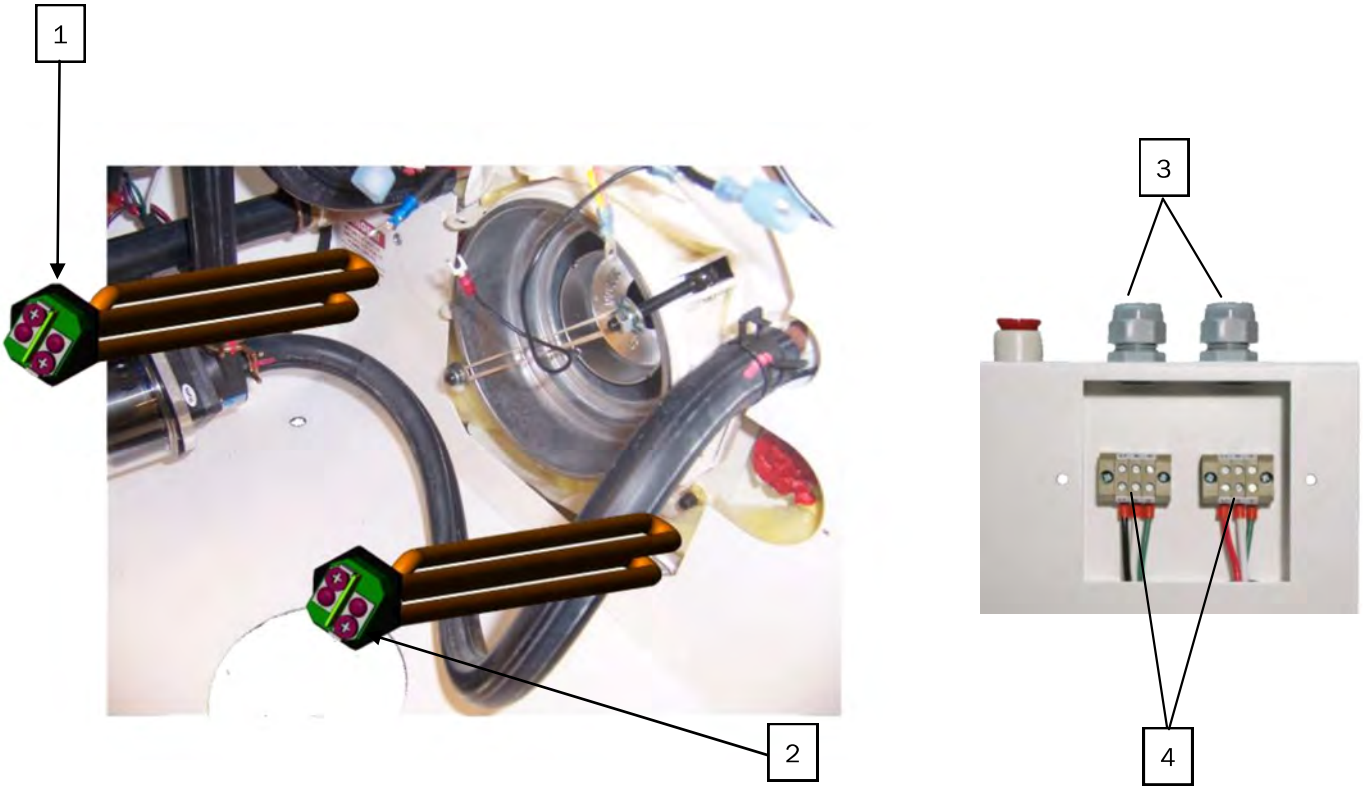
Key	Part Number	Description
1	ELX-000-050	Switch, Interlock
2	PLE-100-814	Pump, Zone Circulation/Engine Preheat
3	PLX-BV1-200	Valve, Ball 1/2 in. (F) NPT Brass
4	PLX-699-330	Fitting, Brass Barb 1/2 x 1/2 (M) NPT
5	SME-600-002	Cover, Access Thermostat
6	SME-700-172	Cover, Access Service Domestic Water
7	SME-200-202	Cover, VAC Access



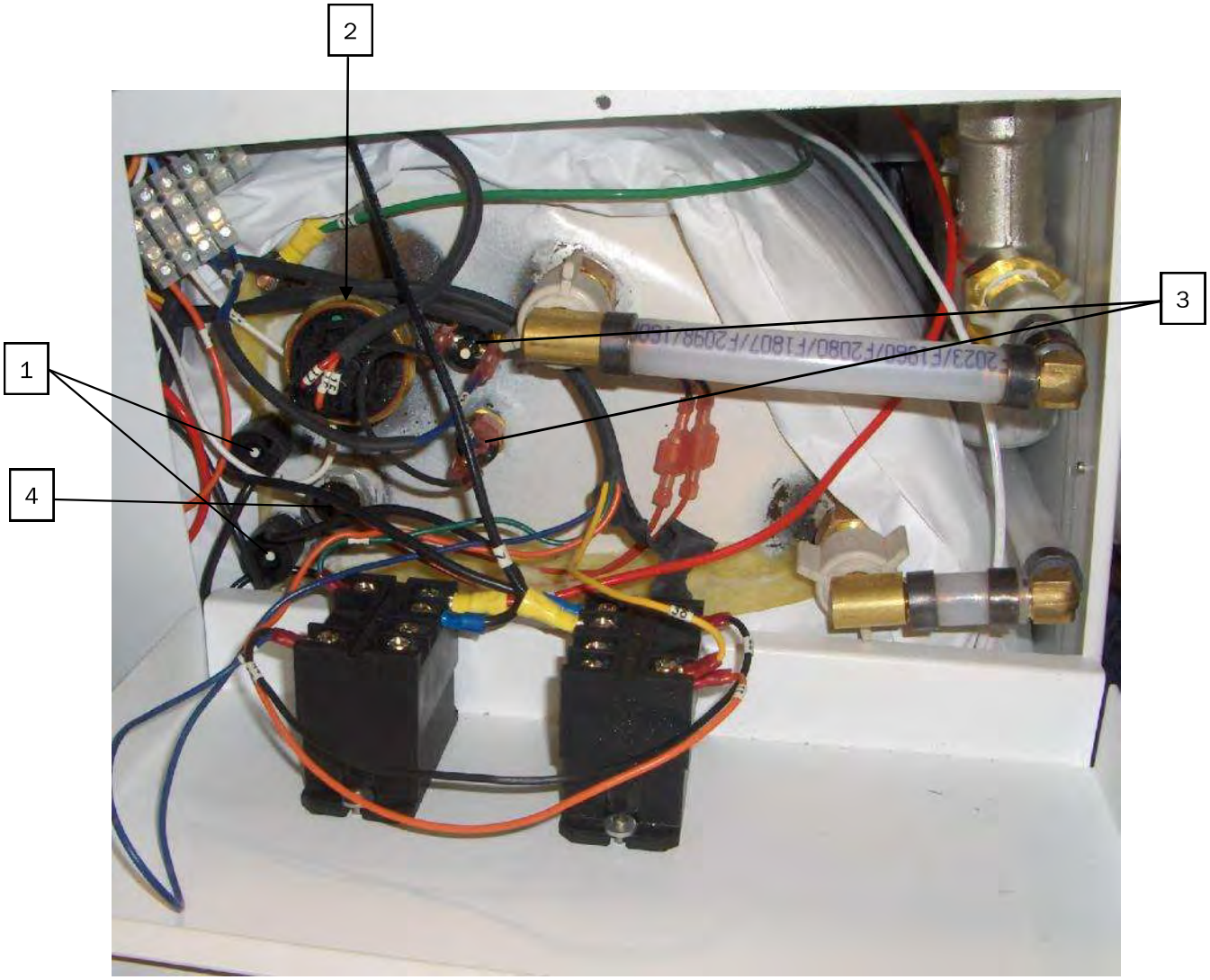
Key	Part Number	Description
1	FLX-421-000	Fitting, Inverted Flare Connector 1/4 Tube x 1/4 (M) NPT
2	FLE-421-858	Tube, Return Fuel Line Assembly 1/4 in Steel
3	FLE-421-859	Tube, Supply Fuel Line Assembly 1/4 in Steel
4	PLX-699-330	Fitting, Brass, Barb 1/2 x 1/2 (M) NPT
5	PLX-2A1-300	Valve, Brass Check, 1/2 x 1/2 (F) NPT
6	PLX-122-000	Fitting, Brass, Close Nipple 1/2 (M) NPT w/ Hex



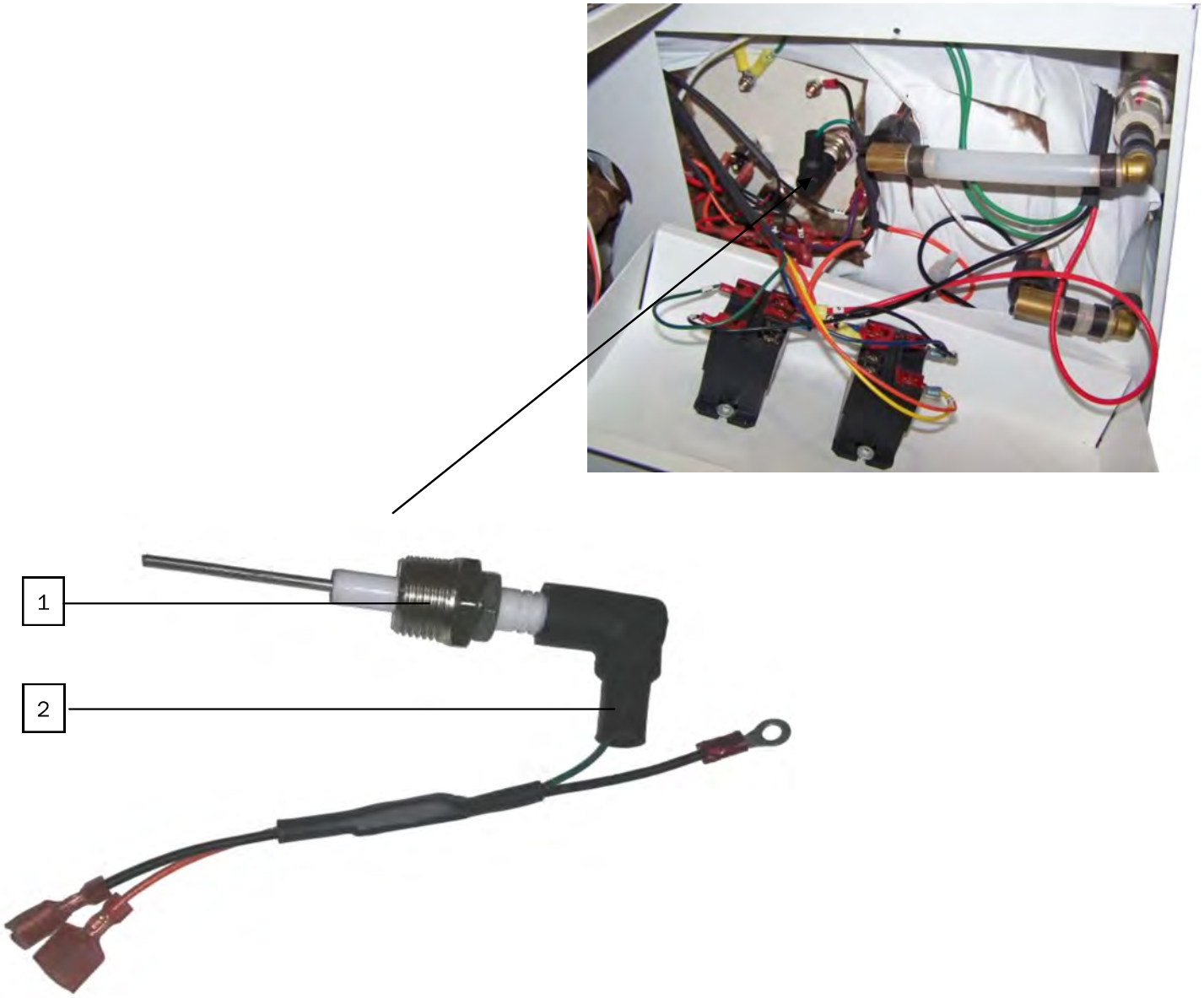
Key	Part Number	Description
1	PLX-000-433	Hose, Heater Green Stripe 3/4 in.
2	PLX-CTB-270	Clamp, Hose Constant Tension 3/4 in.
3	PLX-CTB-290	Clamp, Hose Constant Tension 1 1/16 in. diameter
4	PLX-000-815	Fitting, Reducer 3/4 in. to 1/2 in. Black Nylon
5	PLX-CTB-250	Clamp, Hose, Constant Tension 23/32
6	PLX-000-140	Clamp, Hose Single Wire 7/8 in Steel
7	PLE-100-814	Pump, Circ. Assembly Zone/Engine Preheat w/ cap and Gasket
8	HDX-100-100	Grommet, Nylatch
9	HDX-100-200	Plunger, Nylatch



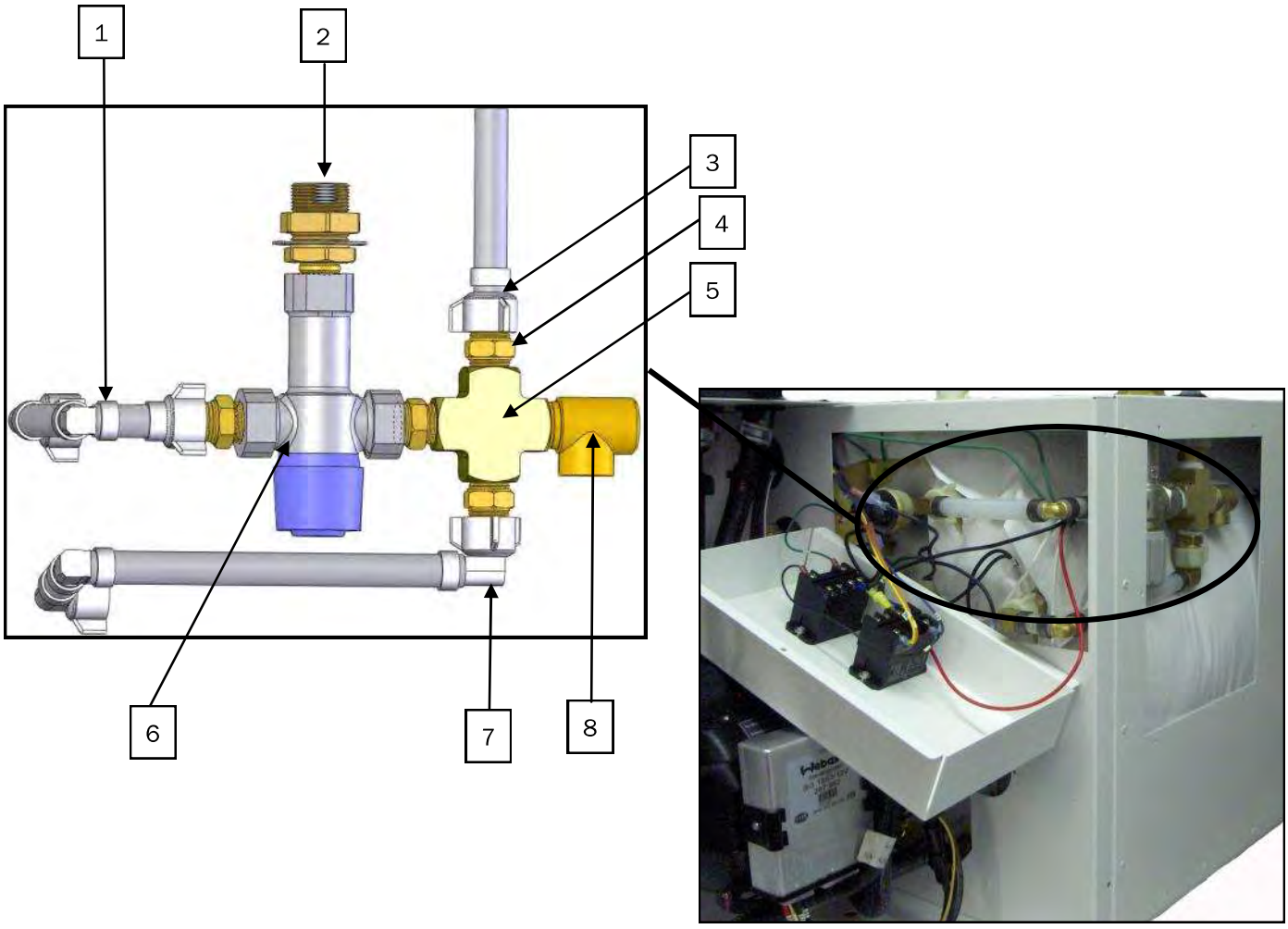
Key	Part Number	Description
1-600	ELX-G12-07L	Element, Electric Heating 120 VAC/2000 Watt
1-675	ELX-2E7-600	Element, Electric Heating 240 VAC/4500 Watt
2	ELX-G12-07L	Element, Electric Heating 120 VAC/2000 Watt
3	HDX-000-623	Clamp, Romex 1/2 in. Plastic
4	ELE-000-905	Block, Terminal 3 Position



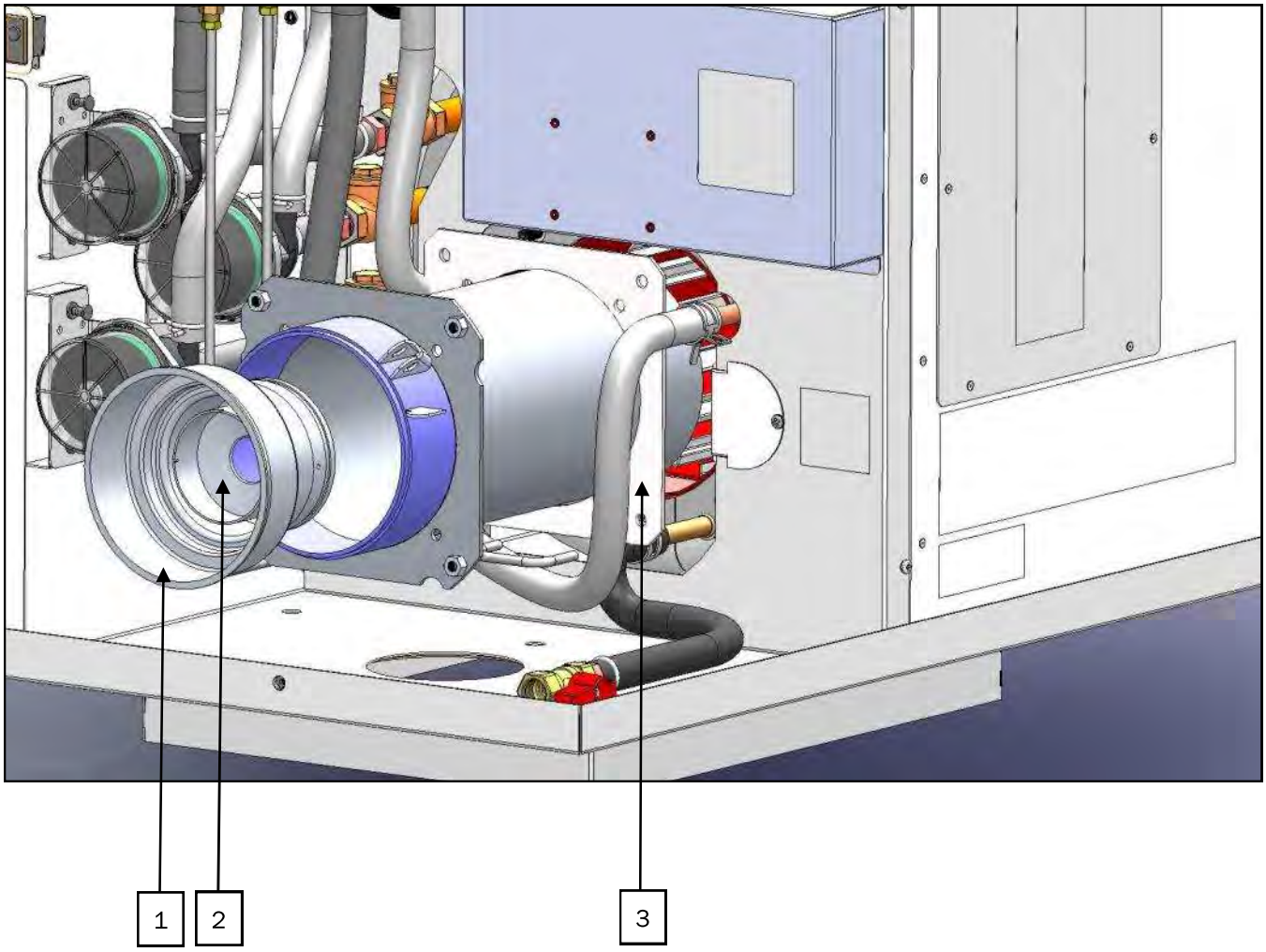
Key	Part Number	Serial Number	Description
1	ELE-000-616-FRU		Thermostat, High Limit VAC 215°F (Electric Element)
2	ELX-800-003	A600-090001 - A600-140020	Switch, Fluid Level Capacitance
3	ELE-HLT-425		Thermostat, High Limit 215°F w/ Spade Connectors (Burner)
4	ELE-014-005		Thermostat Control 185°F 1/2 in. (M) NPT



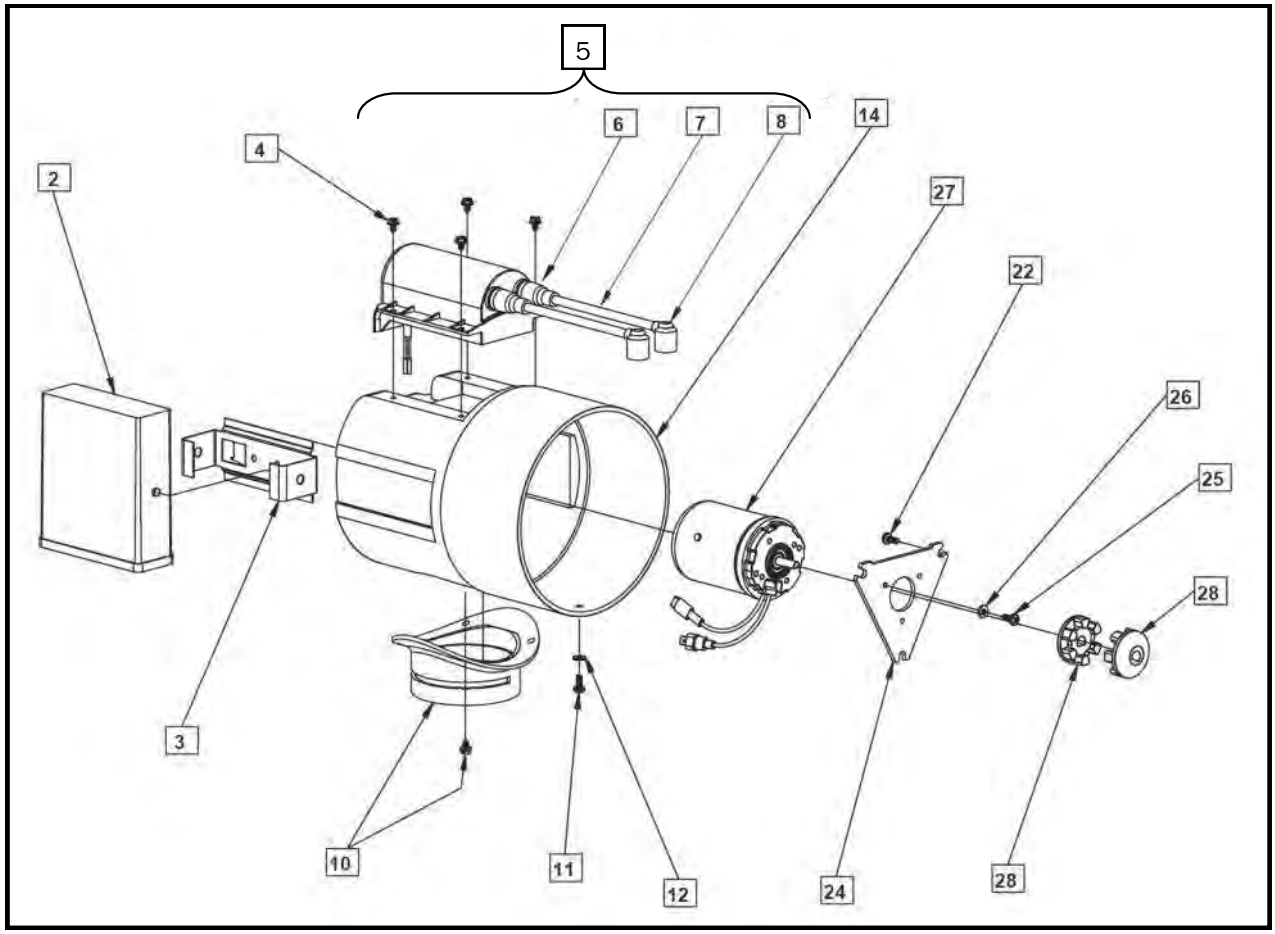
Key	Part Number	Serial Number	Description
1	ELX-800-005	A600-140021 - CURRENT	Switch, Fluid Level Conductive
2	ELX-AMP-005	A600-140021 - CURRENT	Circuit, Amp



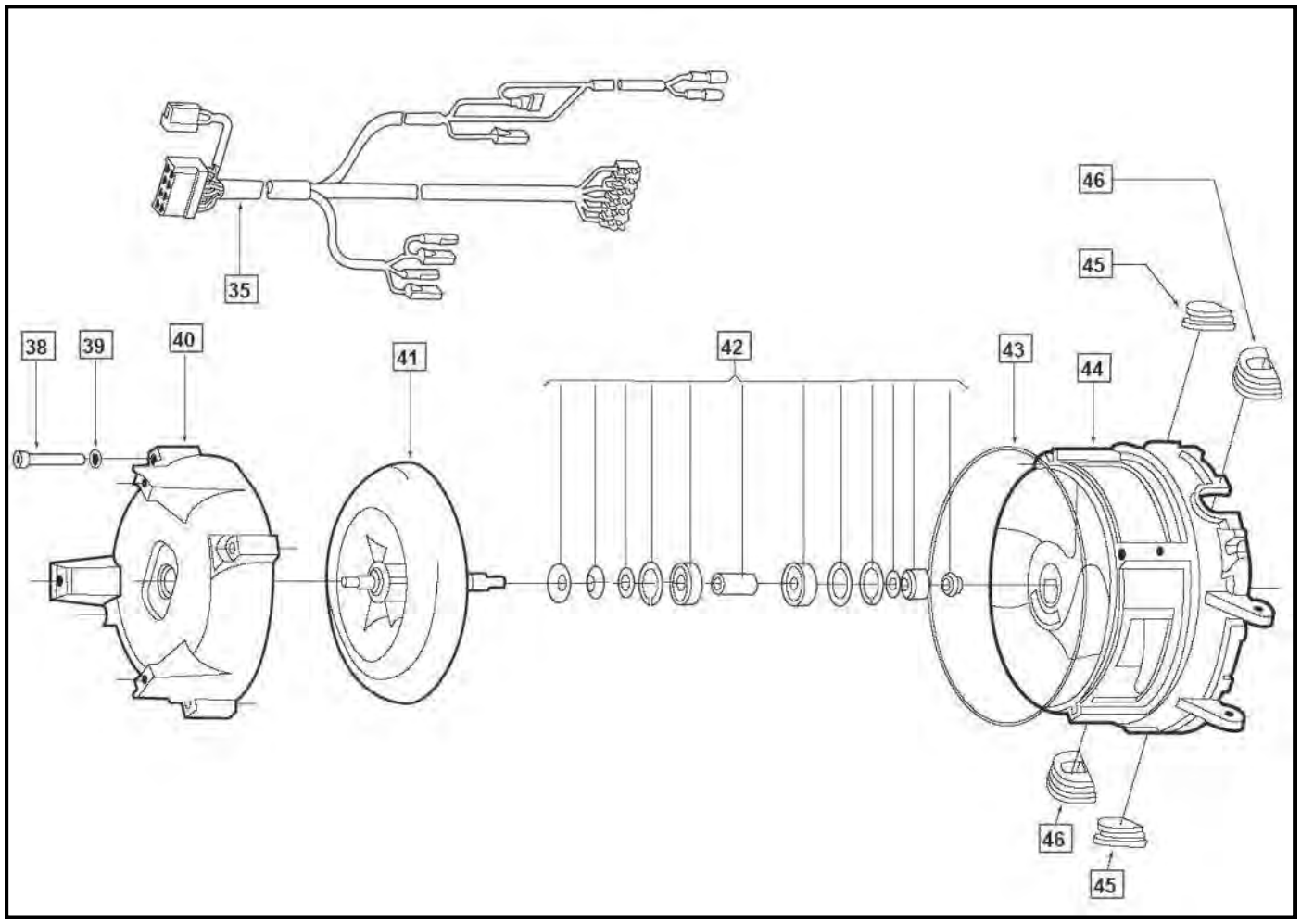
Key	Part Number	Description
1	PLX-000-745	Ring, Crimp 1/2 in.
2	PLE-105-810	Fitting, Bulkhead Mod 1/2 x1/2 (F)
3	PLX-000-730	Fitting, Straight Swivel 1/2 in. Barb x 1/2 in FPT
4	PLX-122-000	Fitting Brass, Close Nipple 1/2 (M) NPT w/ Hex
5	PLX-000-725	Fitting Cross 1/2 in. Brass
6	PLX-09P-100	Valve, Tempering 145°F
7	PLX-000-755	Fitting Elbow, Swivel 1/2 in. Barb x 1/2 in. FPT
8	PLX-111-125	Valve, Pressure Relief 125 PSI



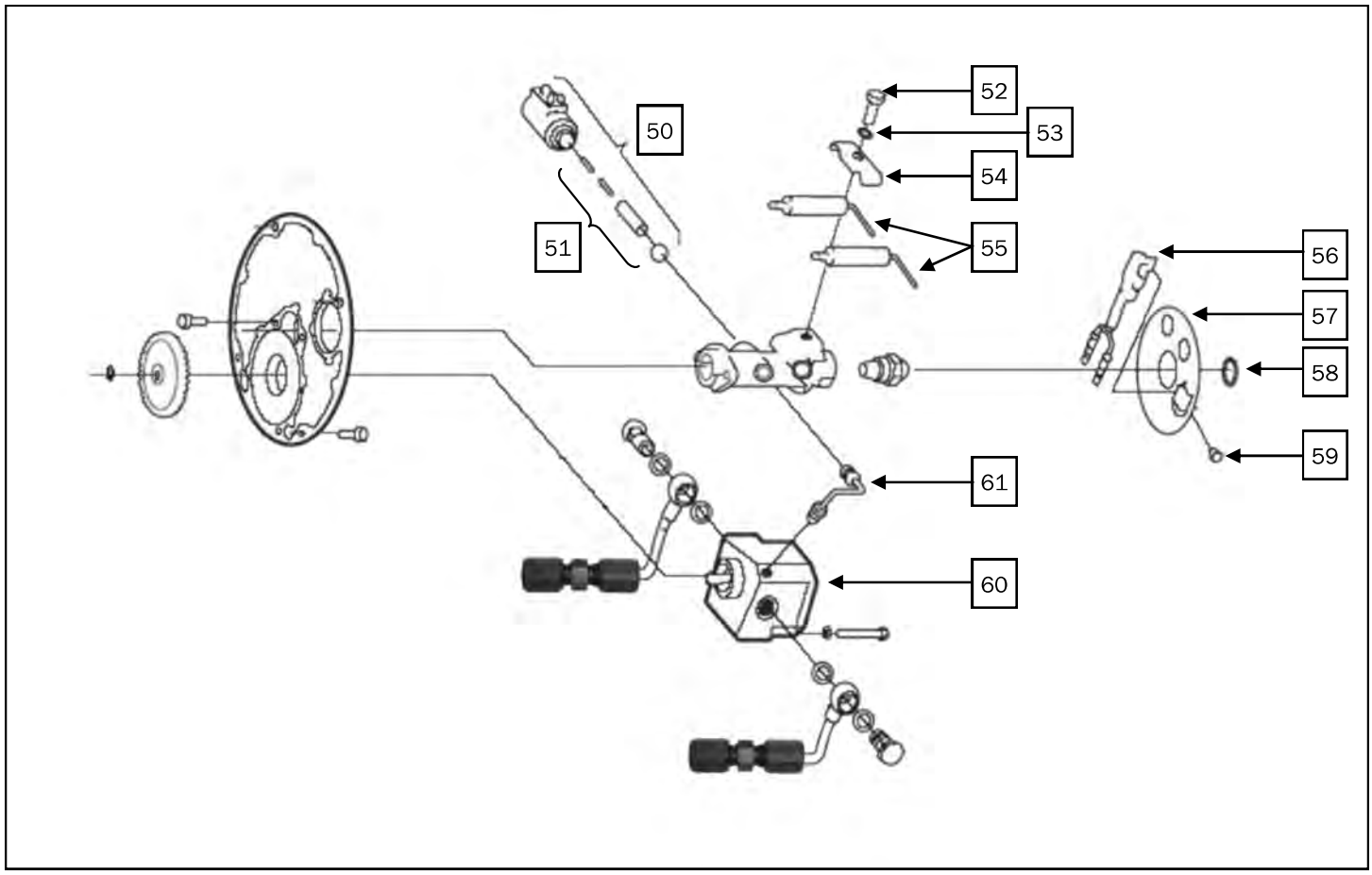
Key	Part Number	Description
1	WPX-302-828	Housing, Swirler, DBW 2010
2	WPX-302-651	Air Swirler, DBW 2010
3	HDE-700-205	Gasket, Combustion Chamber Tube



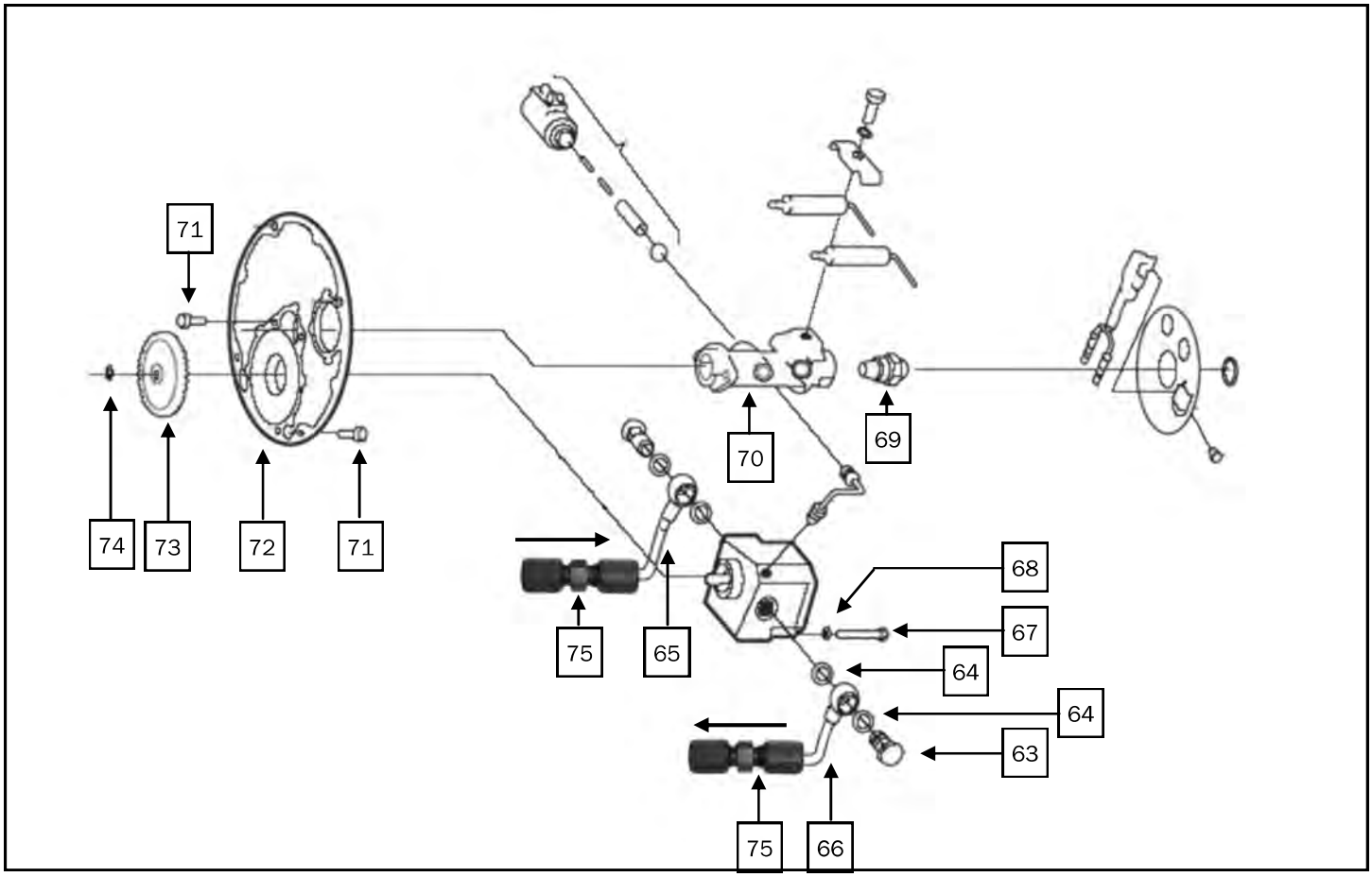
Key	Part Number	Description
2	WPX-287-962	Controller, Diesel Burner, 12 VDC
3	WPX-362-107	Bracket, Controller Mounting
4	WPX-470-562	Screw, Coil Mounting
5	WPX-101-838	Coil, Ignition, 12 VDC
6	WPX-404-918	Boot, Ignition Wire
7	WPX-178-624	Wire, Ignition
8	WPX-176-494	Boot Ignition Wire, Elbow
10	WPX-350-427	Shutter, Combustion Air Intake
11	WPX-432-377	Screw, Protection Housing
12	WPX-152-269	Washer, Star, Protection Housing
14	WPX-436-216	Cap, Protection, Motor
22	WPX-147-834	Screw, Flange, Blower Housing
24	WPX-425-05A	Plate, Motor Mounting
25	WPX-432-377	Screw, Motor Plate
26	WPX-152-269	Washer, Star, Motor Plate
27	WPX-425-060	Motor, Combustion Air/Fuel Pump, 12 VDC
28	WPX-350-516	Clutch, Half, 6mm



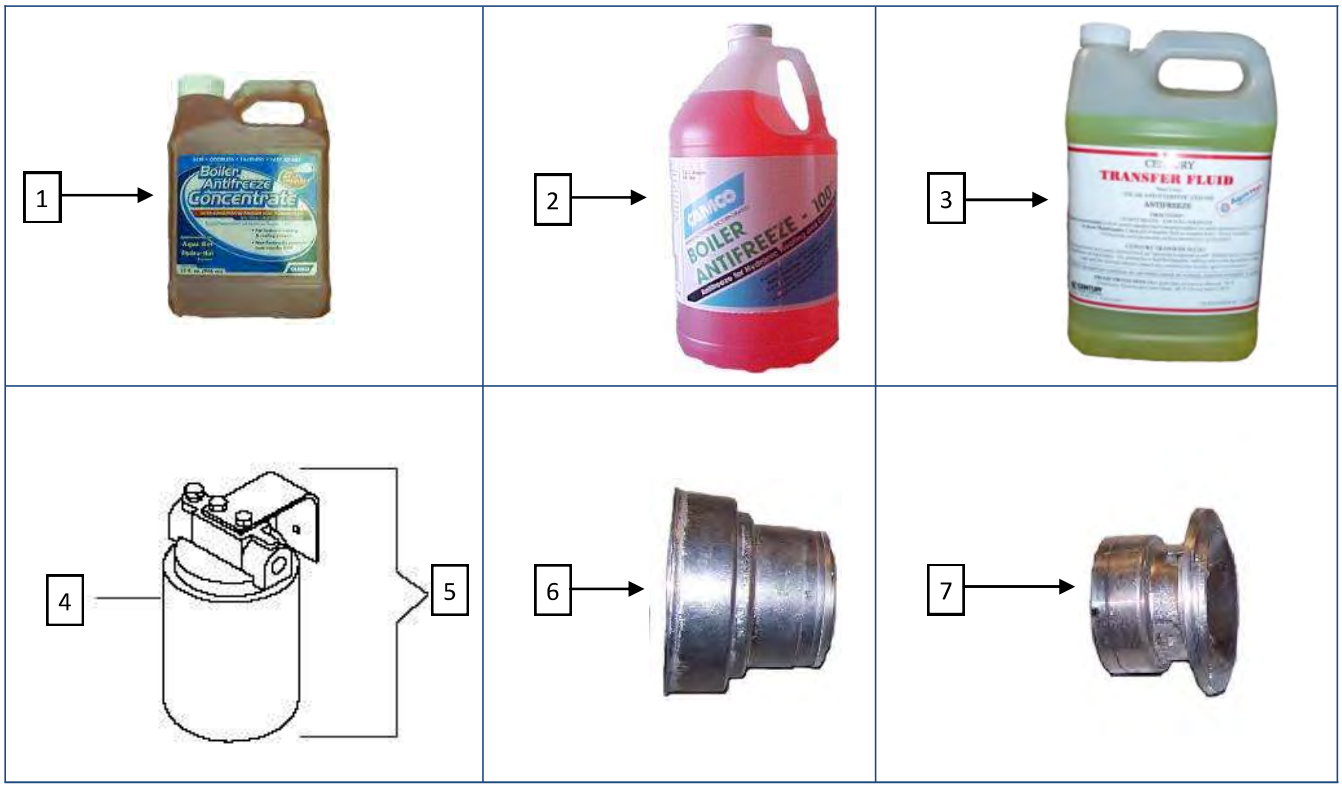
Key	Part Number	Description
35	WPX-434-795	Harness, C-Plug
38	WPX-148-210	Screw, Blower Casting
39	WPX-152-552	Washer, Lock, Blower Casting
40	WPX-301-841	Housing, Blower
41	WPX-373-001	Blower, Wheel w/ Shaft
42	WPX-378-313	Bearing Kit
43	WPX-412-244	O-Ring Blower Casting
44	WPX-225-67A	Casting, Blower
45	WPX-298-964	Grommet, Blower Casting, Left
46	WPX-299-995	Grommet, Blower Casting, Right



Key	Part Number	Description
50	WPX-322-083	Valve, Fuel Solenoid, 12 VDC
51	WPX-386-650	Valve, Fuel Solenoid, Kit
52	WPX-267-279	Bolt, Electrode
53	WPX-152-560	Washer, Lock, Electrode
54	WPX-278-971	Clamp, Electrode
55	WPX-274-313	Electrode, Ignition
56	WPX-638-78A	Sensor, Flame
57	WPX-887-71A	Disc, Photo
58	WPX-453-048	Clip, Retaining, Photo Disc
59	WPX-147-699	Screw, Flame Sensor
60	WPX-503-03A	Pump, Fuel, Kit
61	WPX-665-49A	Tube, Fuel, High Pressure



Key	Part Number	Description
63	WPX-150-754	Bolt, Banjo
64	WPX-151-157	Gasket, Ring, Copper
65	WPX-661-002	Pipe, Fuel, Banjo, Supply, DBW 2010 (W/ Straight Tube)
66	WPX-661-001	Pipe, Fuel, Banjo, Return, DBW 2010 (W/ Straight Tube)
67	WPX-277-282	Screw, Mounting, Fuel Pump
68	WPX-152-544	Washer, Lock, Fuel Pump
69	WPX-886-41A	Nozzle, Fuel, 0.35 GPH
70	WPX-412-198	Manifold, Fuel Nozzle, Brass
71	WPX-277-150	Screw, Plate, Nozzle Stand
72	WPX-102-861	Plate, Manifold
73	WPX-371-289	Gear, Fuel Pump, Nylon
74	WPX-152-390	Snap, Ring, Gear
75	FLX-421-010	Fitting, Hex Union 1.4 in. Tube



Key	Part Number	Description
1	MSX-300-275	Antifreeze, Boiler, P.G., 1 QT. Concentrate (Camco)
2	MSX-300-270	Antifreeze, Boiler, P.G., 1 Gallon (Camco)
3	MSX-300-300	Antifreeze, Boiler, P.G., 1 Gallon (Century Transfer Fluid)
4	FLE-120-100	Filter, Canister, Replacement, Garber
5	FLX-120-000	Filter, Fuel, Garber
6	WPX-302-828	Housing, Swirler, DBW 2010
7	WPX-302-651	Air Swirler, DBW 2010

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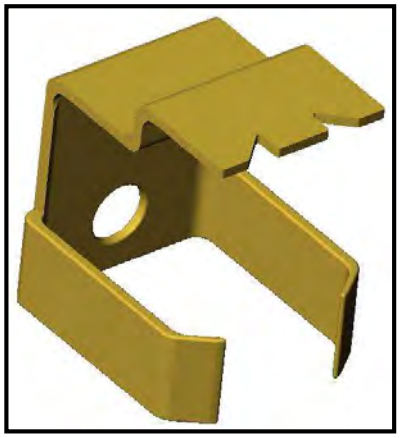

Key	Part Number	Description
1	WPX-440-280	Test, Controller
2	WPE-600-190	Gauge, Fuel Pressure
3	MSX-907-162	Tester, Refractometer, Battery/Coolant
4	WPX-310-646	Gauge, Adjustment, Electrode

PARTS MANUAL

600 SERIES

Aqua-Hot HEATING SYSTEMS INC.

AHE-600-D03

AHE-675-D03

Aqua-Hot HEATING SYSTEMS INC.

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Over the years of running a mobile RV repair service, having a dedicated place to access service manuals for all the different appliances and components found on RVs was something that I always had a desire to create.

I hope this resource makes your RV repairs easier, as it has mine, but please be careful and follow proper safety practices when attempting to repair your own RV.

If in doubt, please consult with a professional RV technician!

DARREN KOEPP - OWNER, MY RV WORKS, INC.

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