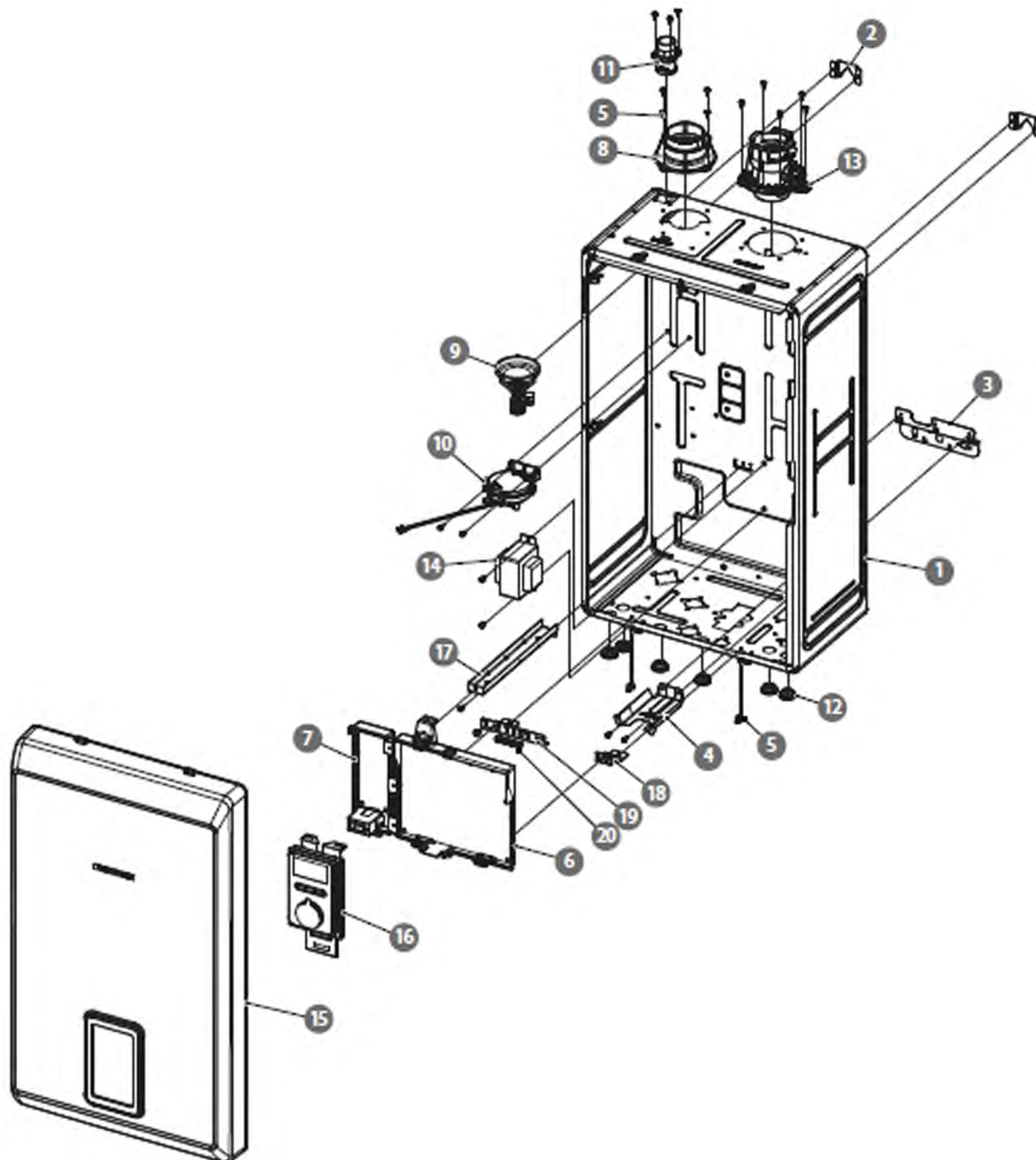


12.6 Component Assembly Diagrams and Parts Lists

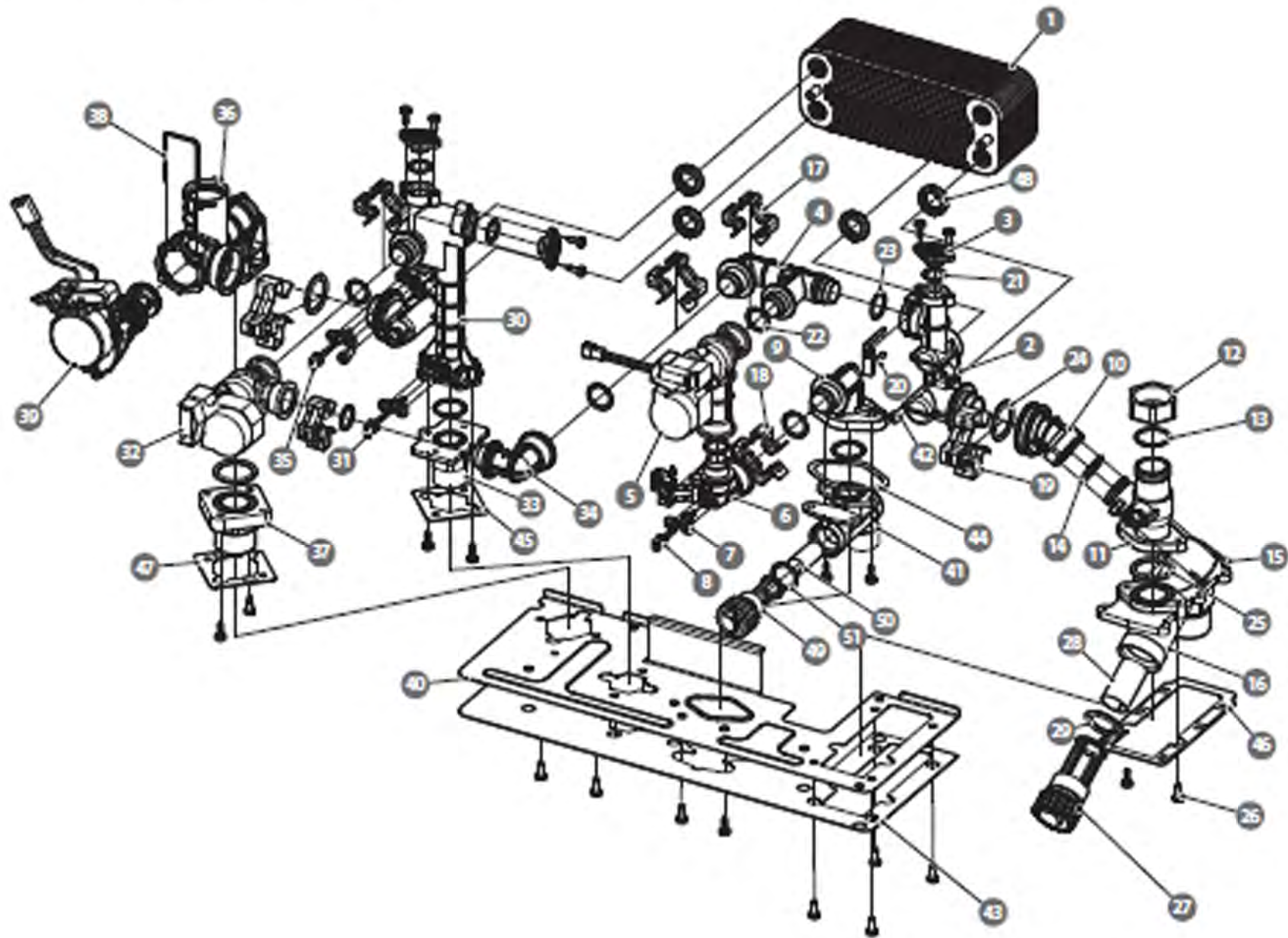
12.6.1 Case Assembly



#	Description	Part #	Remark
1	Base	20049684A	
2	Base Bracket	20007609A	
3	Base Lower Bracket	20007643B	
4	Pump Bracket Ass'y	30024919A	
5	Screw (M4X10L)	20049000A	
6	Main PCB	30025359A	
7	Terminal PCB	30019951A	
8	Intake Air Duct Assembly	30008662B	
9	Intake Air Filter	30016248B	
10	APS	30021100A	
11	Air Vent Adapter	20051293A	
12	Rubber Ring	20041970A	
13	Exhaust Duct Assembly	30024848A	
14	24 V Power Transformer	30025710A	
15	Cover	30024882A	
16	Front Panel	30025421A	
17	PCB Bracket	20046375A	
18	PCB Lower Bracket R	20049687A	
19	PCB Lower Bracket L	20051233A	
20	Screw (M4X8L)	20044834A	

#	Description	Part #	Remark
1	Damper	30008825A	
2	O-Ring (G50)	20003019A	
3	Pan Bracket	20022095A	
4	Siphon	30024911A	
5	Mixer Chamber	20022750B	NCB-190/080H
		20022751C	NCB-250/150H
6	Ignition Transformer	30026063A	
7	Burner Packing	20021677A	NCB-190/080H
		20021672A	NCB-250/150H
8	Heat Exchanger Ass'y	30025588A	NCB-190/080H
		30025587A	NCB-250/150H
9	Thermistor (Exhaust)	30009478A	
10	Thermistor (Water)	30008366A	
11	High Limit Switch	30023954A	
12	Fastener (Heat)	20033662A	
13	Heat Exchanger Outlet Pipe	30024902A	NCB-190/080H
		30024903A	NCB-250/150H
14	LWCO (Pressure Sensor)	30014699A	
15	Siphon Hose	20049704A	
16	Return Pipe	30024904A	NCB-190/080H
		30024905A	NCB-250/150H
17	Fastener (Return)	20007733B	
18	Siphon Fastener	20007833A	
19	LWCO Packing	20006873A	
20	Ignitor	30025442A	
21	Ignitor Packing	20049482A	
22	Exhaust Duct Ass'y	30024877A	
23	Condensated-Water Receiver	30024879A	
24	Temperature Fuse	30025036A	

12.6.3 Waterway Assembly



#	Description	Part #	Remark
1	Plate Heat Exchanger	30024107A	18EA
		30021098B	24EA
2	Mixing Valve Adapter	20044471A	
3	Cap	20017744A	
4	Mixing Connector	20044469A	
5	Flow Adjust Valve	30008247A	
6	DHW Inlet Connection Adapter	20044470A	
7	Taptite Screw (Φ4×6)	20017962A	
8	DHW Temperature Sensor (Blue)	30022207B	
9	DHW Inlet Connection Adapter	20044477A	
10	Pump Inlet Adaptor(MD)	20049379A	
11	Pump Inlet Adaptor(HD)	20049380A	
12	Pump Inout Adaptor Nut	20044480A	
13	SUS PIN	20044681A	
14	O-Ring(P22, WRAS)	20048007A	
15	Taptite Screw (Φ4×12)	20041461A	
16	Heating Return Adapter	20044488A	
17	Fastener (25)	20007859A	

#	Description	Part #	Remark
18	Fastener (27)	20017726A	
19	Fastener (36)	20017724A	
20	Fastener (19.7)	20007733B	
21	O-Ring(P14, WRAS)	20048004A	
22	O-Ring(P16, WRAS)	20048005A	
23	O-Ring(P18, WRAS)	20048006A	
24	O-Ring(P26)	20032409A	
25	O-Ring(P28)	20022142A	
26	Screw (M4×10)	20038757A	
27	Filter Frame	20033618A	
28	Filter Mesh	20033617A	
29	O-Ring (P25)	20032528A	
30	Mixing Valve Manifold	20044482B	
31	DHW Temperature Sensor (Red)	30023765A	
32	Mixing Adjust Valve	30011532A	
33	DHW Outlet Adapter	20044487B	
34	DHW Connection Elbow	20025962B	
35	DHW Temperature Sensor (Black)	30022222B	
36	3way Valve Body	20046493B	
37	Heating Supply Adapter	20044489A	
38	3Way Valve Fastener	20029414A	
39	3Way Valve(A/S)	30020637A	
40	Block Plate	20044475A	
41	DHW Inlet Adapter	20044701B	
42	Hex Screw (M5×10)	20009865A	
43	Block Plate Packing	20045394A	
44	DHW Inlet Adapter Packing	20045393A	
45	DHW Outlet Adapter Packing	20045395A	
46	Heating Return Adapter Packing	20045397A	
47	Heating Supply Adapter Packing	20045396A	
48	Plate Heat Exchanger Packing (Wras)	20047738A	
49	Direct Water Filter Frame	20017849A	
50	Direct Water Filter Mesh	20017743A	
51	O-Ring (P19)	20017211A	

#	Description	Part #	Remark
1	Fan Assembly	30025295A	
2	Fan Packing	20022744A	
3	O-Ring (G75)	20018079A	
4	Dual Venturi	30024967A	NCB-190/080H
		30025251A	NCB-250/150H
5	Silence	20031242A	NCB-190/080H
		20032570A	NCB-250/150H
6	Silence Adapter	20049499A	NCB-190/080H
		20032569A	NCB-250/150H
7	Venturi Packing	20022660A	
8	Gas Office	20049500A	NCB-190/080H (NG)
		20049501A	NCB-250/150H (NG)
		20050545A	NCB-190/080H (LP)
		20050546A	NCB-250/150H (LP)
9	O-Fing (P34)	20019090A	
10	Gas Pipe (Out)	30024916A	NCB-190/080H
		30024917A	NCB-250/150H
11	O-Fing (P20)	20006934A	
12	Gas Connector	20018430A	
13	Gas Valve	30011586B	
14	Gas Pipe (In)	30024915A	
15	Gas Inlet Adapter	20042244A	