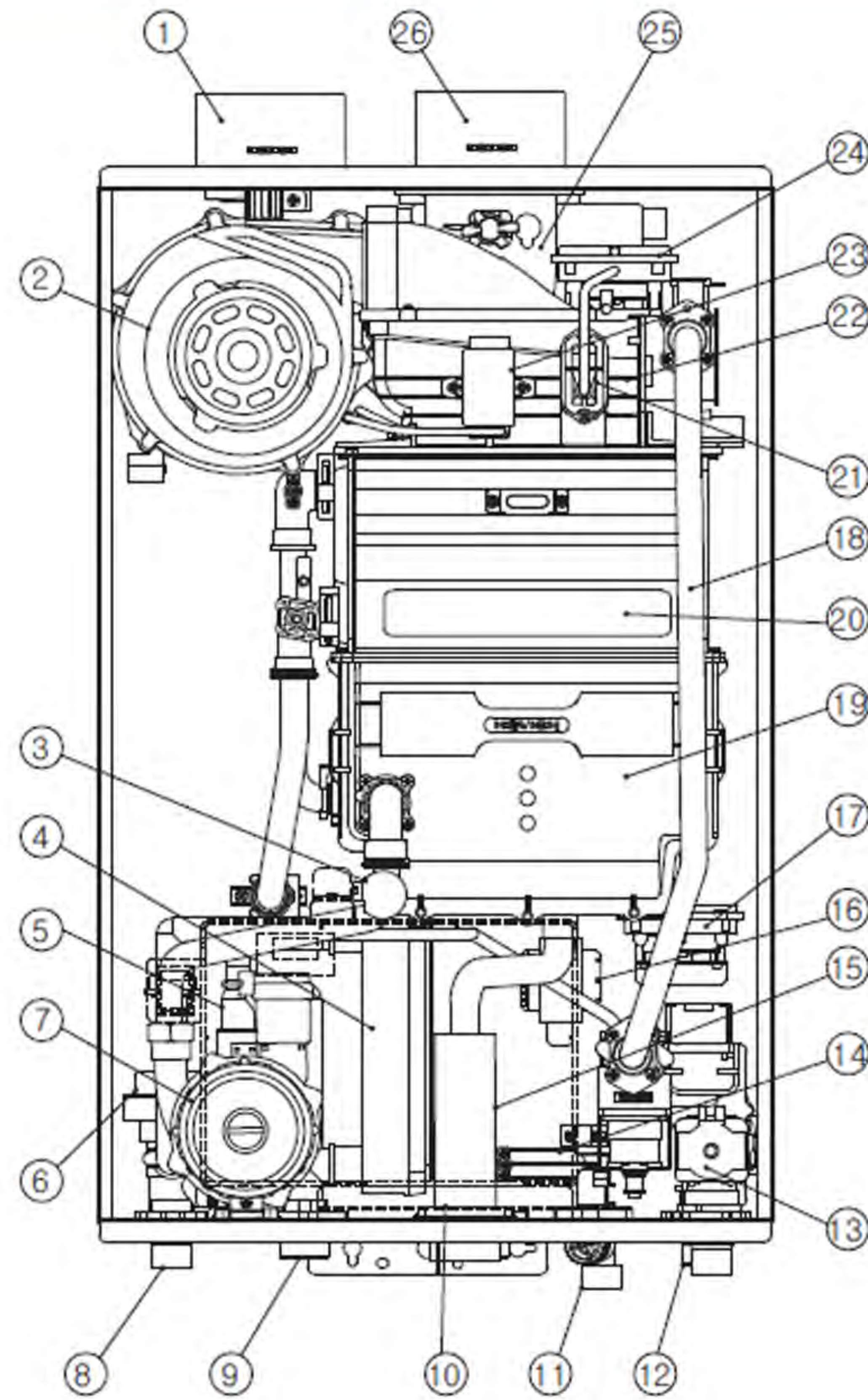


Key Components: CH

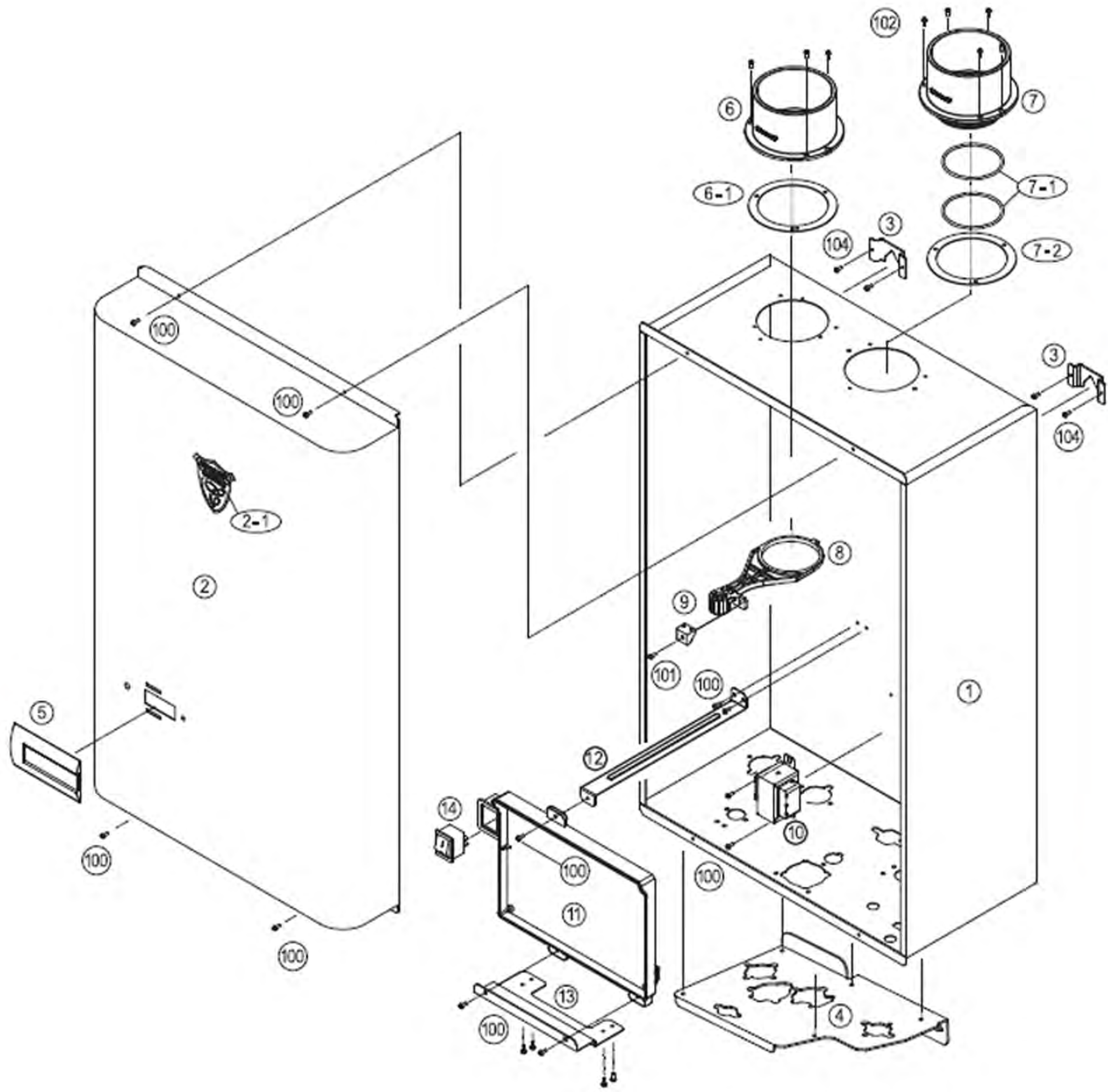
NAVIEN Combination Water Heater / Heating Boiler



No	Description	Navien Part No.	No	Description	Navien Part No.
1	Intake Air Duct	BH2505400B	14	DHW Flow Sensor	AASS9EXFS002A
2	Fan Motor	NAFA9GSFB002	15	Syphon	BH2501442C
3	WPS	BH2507535A	16	Transformer	BH1205011C
4	DHW Heat Exchanger	PAS40KHE_003	17	Gas Pressure Sensor	NASS9EXGPS01
5	S/H Strainer	BH1301020C	18	Gas Pipe	BH2546021A
6	Motorized 3-Way Valve	AAVC9EX00009A	19	Secondary Heat Exchanger	-
7	Circulation Pump	NAPU9GLPCT10	20	Primary Heat Exchanger	-
8	S/H Supply Adaptor	BH2507551A	21	APS Venturi	BH2501413A
9	S/H Return Adaptor	BH2507551A	22	Burner	PABNCW48KDN_002
10	PCB Board	NACR1GS32301	23	Ignition Transformer	BH1201045A
11	DHW Cold Water Inlet Adapter	BH2507560C	24	Air Pressure Sensor	NASS9EX00009
12	Auto Feeder Valve	BH0904011A	25	Exhaust Duct	BH2544007D
13	Main Gas Valve	BH0901018A	26	Exhaust Pipe	BH2505401B

Components Diagram & Parts List:

1.1 Case Disassemble



1-2. Case Part List

NO	Description	Navien Part No.	Remark
1	Case	BBK05011089	
2	Cover	BBR15012136	
2-1	Emblem	BH2603008A	
3	Case Upper Bracket	BH2505277A	
4	Case Lower Bracket	BBK05197001	
5	Deco	BH2602012A	Pressure Indicator
6	Intake Air Duct Ass'y	BH2505400B	
6-1	Intake Air Duck Packing	-	No.6 Ass'y
7	Exhaust Pipe Ass'y	BH2505401B	
7-1	Exhaust Pipe O-Ring	-	No.7 Ass'y
7-2	Exhaust Pipe Packing	-	No.7 Ass'y
8	Intake Air Filter	BH2505416A	
9	Intake Air Filter Support	BH2505417A	
10	Transformer	BH1205011A	
11	PCB Board	NACR1GS32301	
12	PCB Board Bracket(Upper)	BH2505413A	
13	PCB Board Bracket(Lower)	BH2505414A	
14	Power Switch	BH1426002A	
100	Screw D4 x 8L	BH1705007A	
101	Bolt M4 x 16L	BH1603009A	
102	Screw D4 x 12L	BH1612005A	
104	Bolt D4 x 10L (STS)	BH1611006A	

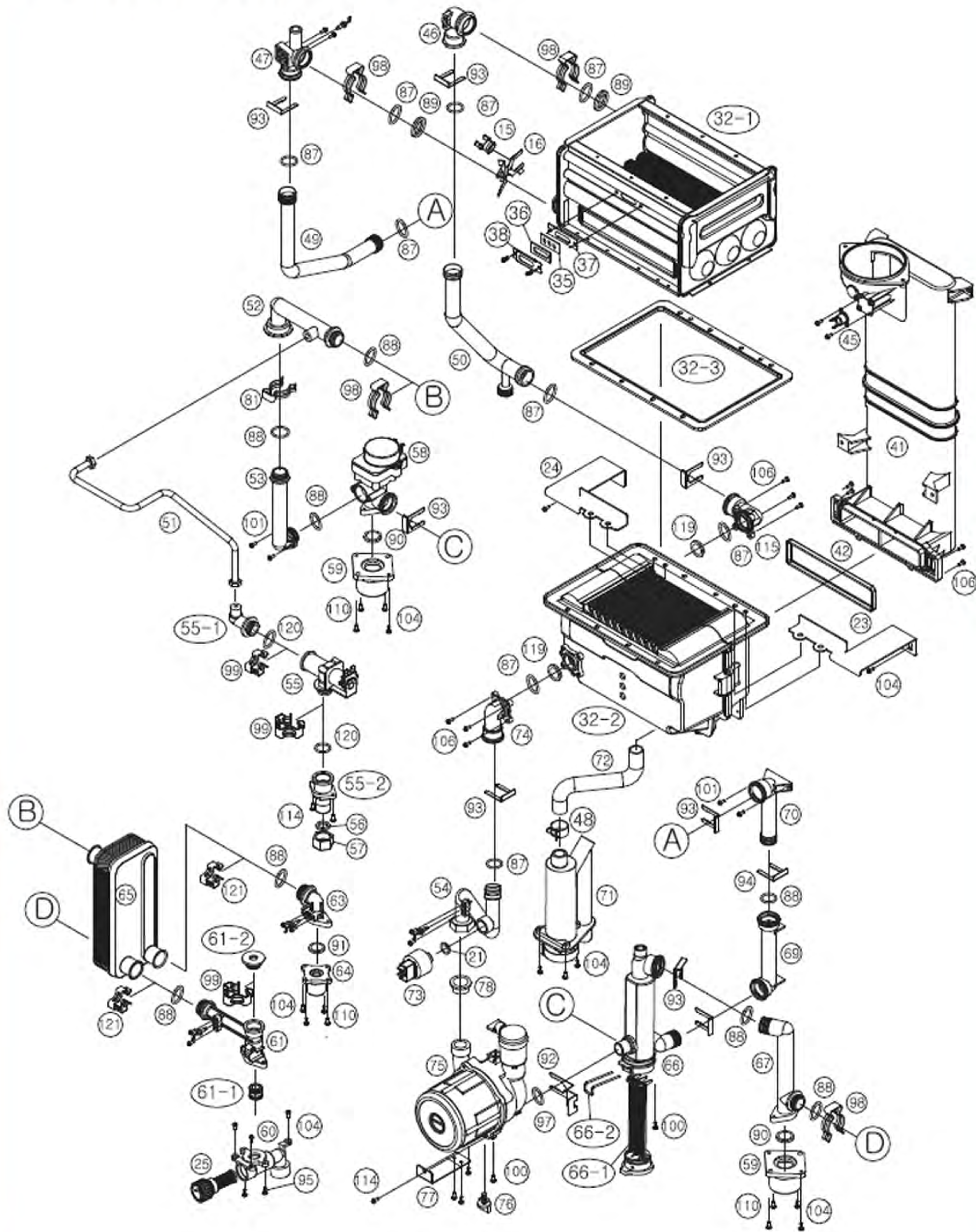
2-2. Burner Part List

NO	Description	Navien Part No.	Remark
17	Fan Motor	NAFA9GSFB002	
18	Flame rod ass'y	PH1603058D	NG
		PH1603059D	Propane
18-1	Flame rod	BH2501679A	NG
		BH2501680A	Propane
18-2	Flame rod packing A	BH2505054A	
18-3	Flame rod packing B	BH2405051A	
18-4	Flame rod bracket	BH2505681A	
20	Air Pressure Sensor	NASS9EX00009	
22	Burner	PABNCN30KDBN_003	180 NG
		PABCR180ABN_002	180 Propane
		PABNCW48KDBN_002	210/240 NG
		PABCR210/240ABN_002	210/240 Propane
24	Bumer Bracket (L)	BH2501444C	
26	Manifold	PABCR180AMF_001	180 NG
		PABNR/NP180AMF_001	180 Propane
		PABCC210AMF_001	210/240 NG
		PABCC210AMF_002	210/240 Propane
26-1	Solenoid valve	PH0905028A	
27	APS venturi	BH2501413A	
28	APS venturi packing	BH2405031A	
29	Thermal fuse	BH1419012A	180
		BH1419013A	210/240
30	Ignition transformer	BH1201045A	
31	Fan motor bracket	BH2501604A	210/240
		BH2501605A	180
33	Gas Pipe	BH2546021A	210/240 NG
		BH2546025A	210/240 Propane
		BH2546020A	180 NG
		BH2546024A	180 Propane
34	GPS venturi	BH2507663A	180
		BH2507733A	180 Propane
		BH2507664A	210/240
		BH2507732A	210/240 Propane
34-1	GPS venturi tube	BH2203002A	
39	Gas pressure sensor	NASS9EXGPS01	
40	GPS bracket	BH2507346A	
43	Main gas valve	BH0901018A	
44	Gas inlet adapter	BH2507714A	
79	Tube	BH2202022A	180
		BH2202025A	210/240

COMPONENTS DIAGRAM & PARTS LIST

NO	Description	Navien Part No.	Remark
80	Tube	BH2202023A	180
		BH2202024A	210/240
82	Tube (550L)	BH2203001A	
83	Tube	BH2202036A	180
		BH2202041A	210/240
86	O-Ring	BH2421008A	
100	Screw D4 x 8L	BH1705007A	
103	Screw D4 x 6L	BH1612004A	
104	Bolt D4 x 10L (STS)	BH1611006A	
105	Screw D4 x 14L	BH1701031A	
107	Screw D4 x 14L	BH1708006A	
111	Bolt M4 x 12L (STS)	BH1603007A	
113	Screw D4 x 25L	BH1701030A	
116	Fan Motor Damper	BH2505403B	
117	O-Ring	BH2421003A	
123	Screw D4 x 4L	BH1710001A	

3-1. Water Way Disassemble



3-2. Water Way Part List

NO	Description	Navien Part No.	Remark
15	High Limit Switch	BH1401022A	
16	High Limit Switch Bracket	BH2501541A	
21	WPS Packing	BH2406054A	
23	H/E Bracket R	BH2501704B	
24	H/E Bracket L	BH2501703B	
25	Inlet Water Filter	BH1303013A	
32	Heat Exchanger Ass'y	BBM20341008	210/240
		BBM20341007	180
41	Exhaust Duct	BH2544007D	
42	Exhaust Duct Packing	BH2406050A	
45	Exhaust Limit Switch	BH1401031A	
46	Primary H/E Inlet Adapter	BH2501558A	
47	Primary H/E Outlet Adapter	BH2507602A	
49	H/E Outlet Pipe	BH2507555A	210/240
		BH2507556A	180
50	H/E Middle Pipe	BH2507531B	
51	Auto Feeder Pipe	BH2507552A	
52	SPH Inlet Pipe 1	BH2507367A	
53	SPH Inlet Pipe 2	BH2507366A	
54	H/E Inlet Pipe	BH2507553A	210/240
		BH2507554A	180
55	Auto Feeder Valve	BH0904011A	
56	Auto Feeder Packing	BH2406063A	
57	Auto Feeder Cover	BH0712006A	
58	3-Way Valve	AAVC9EX00009A	
59	S/H Return Adapter	BH2507551A	
60	DHW Inlet Adapter	BH2507560C	
61	DHW Flow Sensor	AASS9EXFS002A	
63	DHW Outlet Pipe Ass'y	BH2507590A	
64	DHW Outlet Adapter	BH2507558A	
65	DHW Heat Exchanger	PAS40KHE_003	210/240
		PAS30KHE_005	180

NO	Description	Navien Part No.	Remark
66	S/H Strainer	BH1301020C	
67	S/H Return Pipe	BH2507550A	
69	S/H Pipe 2	BH2507372B	
70	S/H Pipe 1	BH2507373A	
71	Siphon	BH2501442C	
72	Siphon Hose	BH2204047A	
73	Water Pressure Sensor	BH2507535A	
74	Secondary H/E Inlet Adapter	BH2501603A	210/240
		BH2501602A	180
75	Circulation Pump	NAPU9GLPCT10	
76	Drain Coke	BH2505314A	
77	Pump Bracket	BH2501447A	
78	Pump Packing	BH2406039A	
81	Fastener C	BH2507018B	
87	O-Ring (φ17.5x2.7t)	BH2422026A	
88	O-Ring (P16)	BH2422017A	
89	Back-up Ring	BH2507308A	
90	Packing Ring (3/4")	BH2406025A	
92	Pump Fastener	BH2507445A	
93	Clip A	BH2507013A	
94	Clip C	BH2507345A	
95	Screw D4 x 16L	BH1708004A	
97	O-Ring (φ24.8x φ17.8t)	BH2423058A	
98	Fastener B	BH2507016A	
99	Fastener D	BH2507402B	
100	Screw D4 x 8L	BH1705007A	
101	Bolt M4 x 16L	BH1603009A	
104	Bolt D4 x 10L (STS)	BH1611006A	
106	Bolt M4 x 12L	BH1612007A	
110	Screw D4 x 14L	BH1701003A	
114	Bolt M4 x 8L	BH1603015A	
119	H/E Packing	BH2406048A	
120	O-Ring (P16)	BH2422017A	
121	Fastener A	BH2507400B	