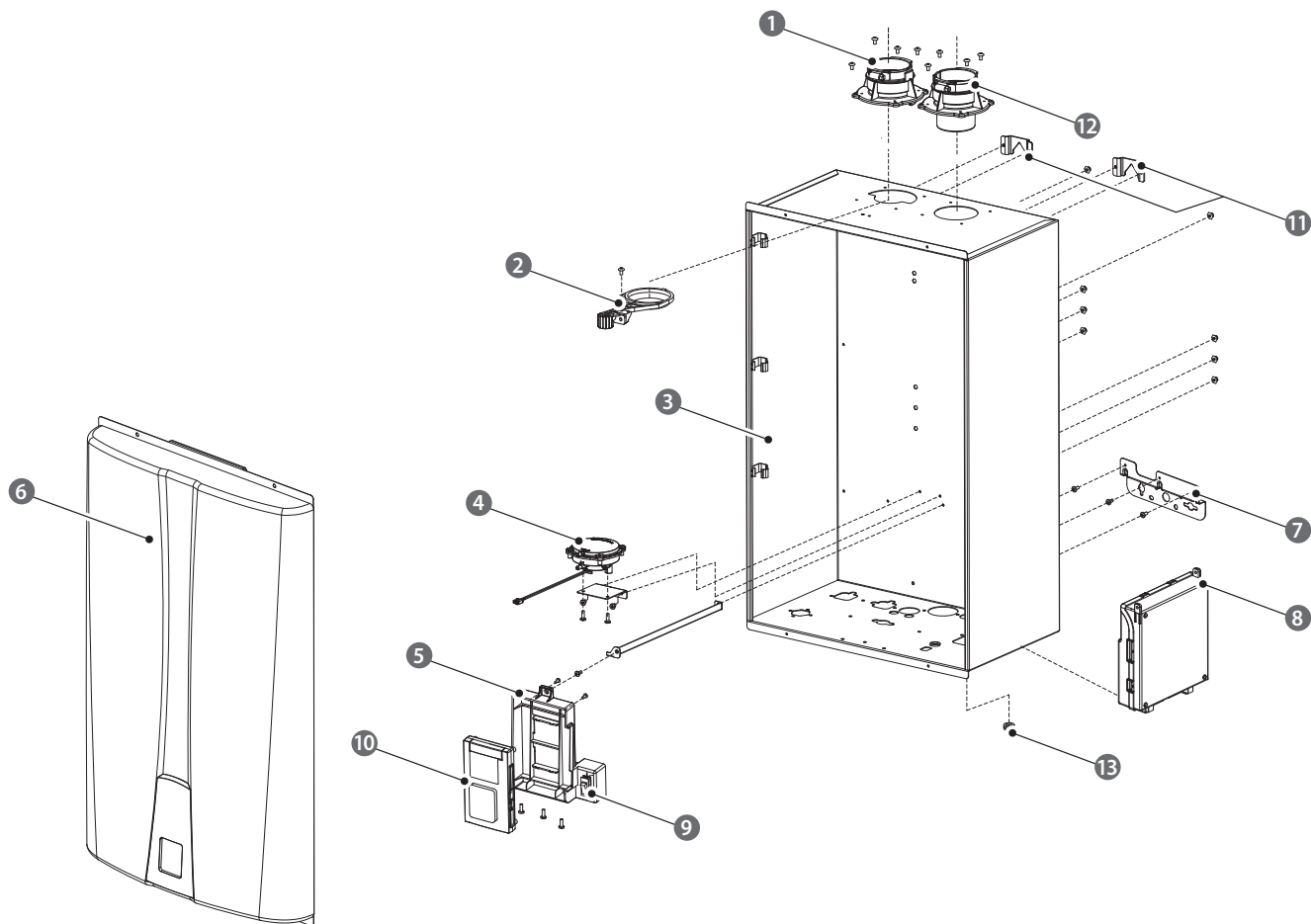


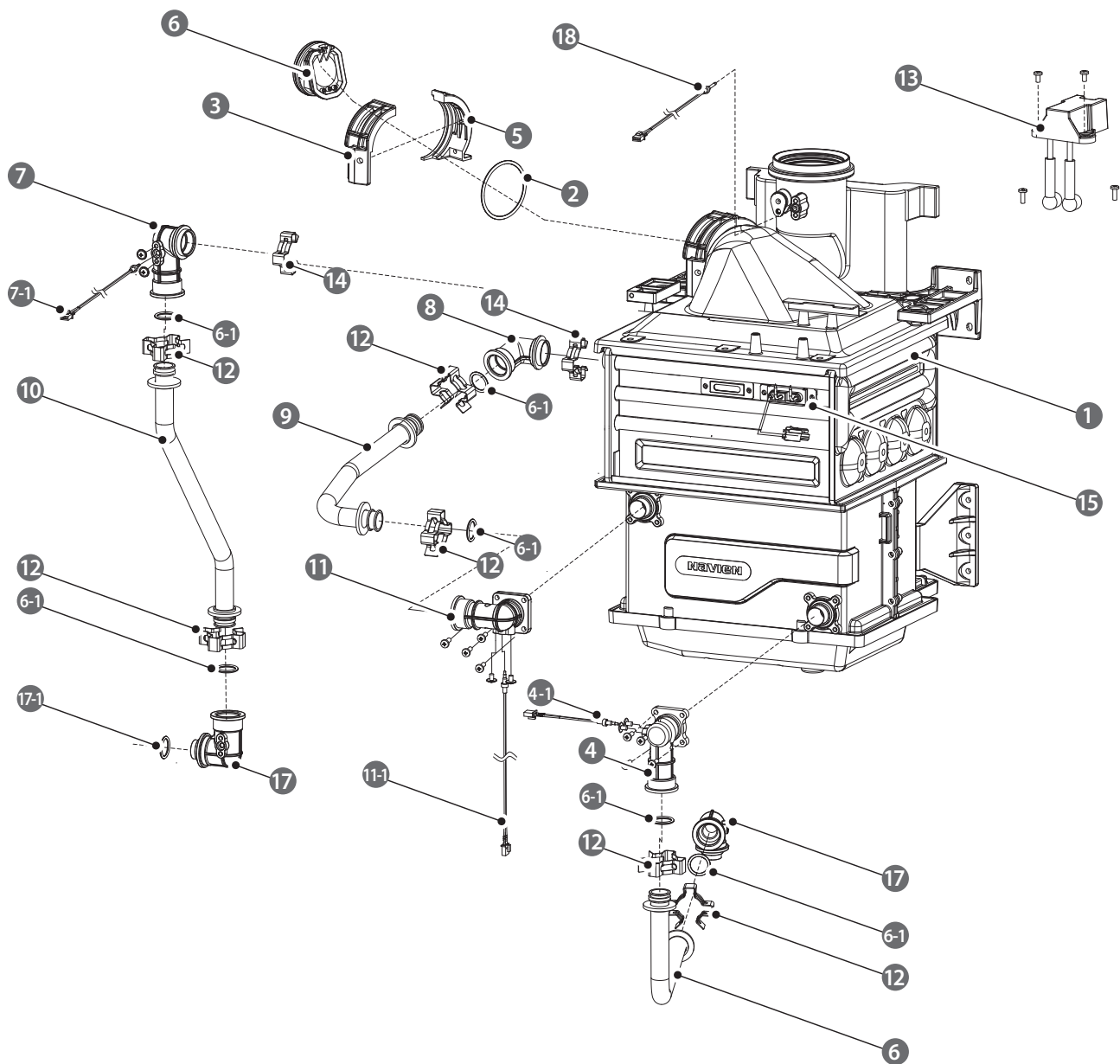
5.5 Component Assembly Diagrams and Parts Lists

5.5.1 Case Assembly



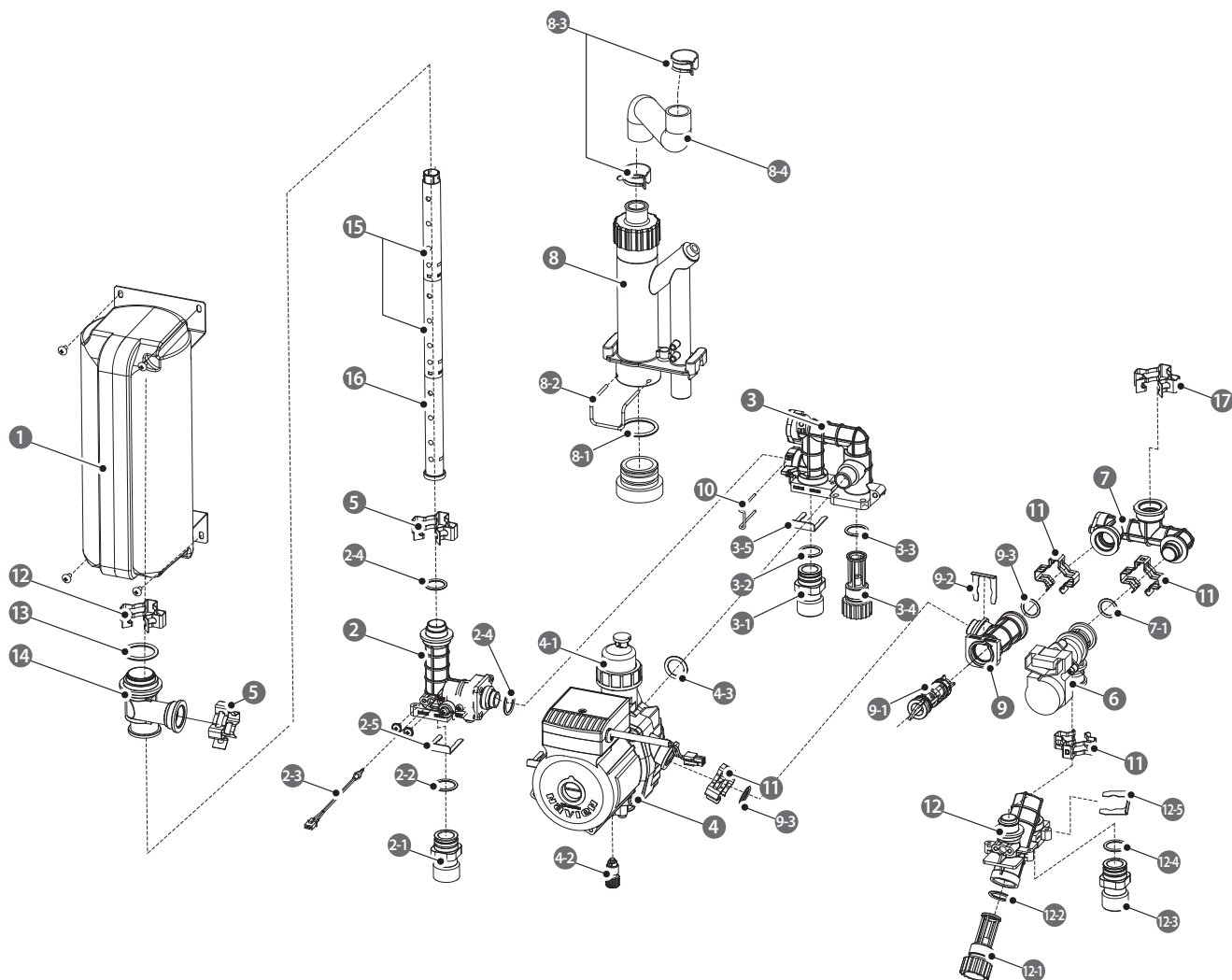
#	Description	Part #	Remark
1	Intake Air Duct Assembly	30008662A	
2	Intake Air Filter	30008745A	
3	Case	20020393A	NPE-180A
		20019078A	NPE-210A/240A
4	Air Pressure Sensor	30010346A	
5	Panel Bracket	20018388A	
6	Cover	30008678A	
7	Case Lower Bracket	20007643B	
8	PCB	30008300A	
9	Power Switch	30009482A	
10	Front Panel	30008333A	
11	Case Bracket	20007609A	
12	Exhaust Pipe Assembly	30008673A	
13	Rubber Ring	20006973A	

5.5.2 Burner Assembly



#	Description	Part #	Remark
1	Heat Exchanger Assembly	20018362A	NPE-180A
		30008780A	NPE-210A/240A
2	Fan Packing	20022744A	
3	Fan Bracket(F)	20022095A	
4	Flow Sensor Assembly	30008571A	
4-1	Thermistor	30008366A	
5	Fan Bracket(R)	20022096A	
6	Cold Inlet Pipe	30009166A	NPE-180A
		30008446A	NPE-210A/240A
6-1	O-Ring (Φ17.5x2.7t)	20006947A	
7	WPA-A (Clip)	20018344A	
7-1	Thermistor	30008366A	
8	WPA-B	20018343A	
9	H-Ex Middle Pipe	30009126A	NPE-180A
		30008439A	NPE-210A/240A
10	Hot Water Outlet Pipe	30009145A	NPE-180A
		30008442A	NPE-210A/240A
11	WPA-A (Screw)	30008569A	
11-1	Thermistor	30008366A	
12	Fastner	20017726A	
13	Ignition Transformer	30010455A	
14	Fastner	20007853A	
15	Ignitor	30008591A	
16	Damper	30008825A	
17	Buffer Tank Inlet Adapter	20018346A	
17-1	O-Ring (P16)	30009478A	
18	Thermistor	30009478A	

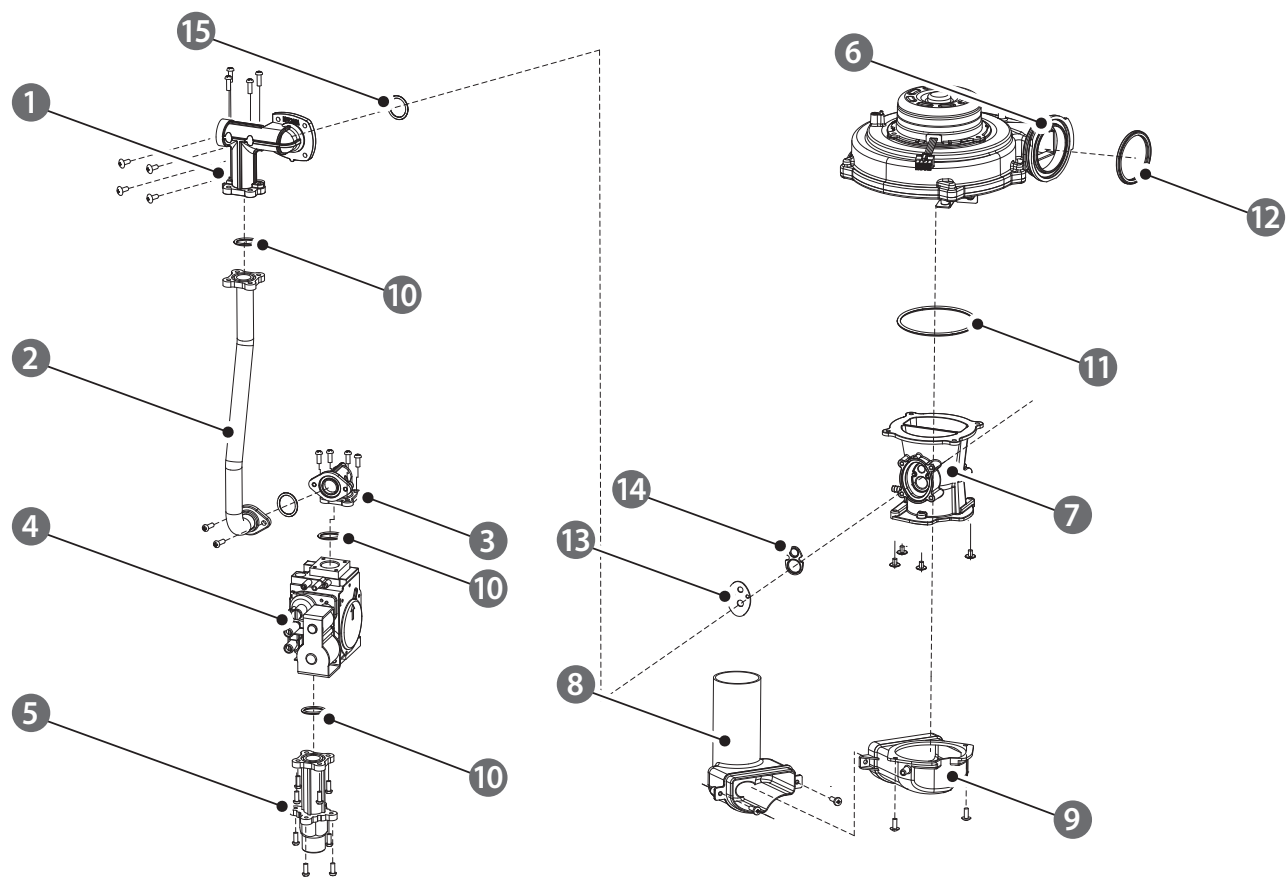
5.5.3 Waterway Assembly



#	Description	Part #	Remark
1	Buffer Tank	30010953A	
2	Hot Water Outlet Pipe Assembly	30008338A	
2-1	Pipe Adapter	30008349A	
2-2	O-RING (P20)	20017212A	
2-3	Thermistor (Red)	30008366A	
2-4	O-RING (P16)	20006947A	
2-5	Pipe Clip	20007733A	
3	Return Pipe Assembly	30008350A	
3-1	Pipe adapter	30008349A	

#	Description	Part #	Remark
3-2	O-RING (P20)	20017212A	
3-3	O-RING (P19)	20017211A	
3-4	Water Filter	30008351A	
3-5	Pipe Clip	20007733A	
4	Circulation Pump	30010346A	
4-1	Pump Air Separator	30006831A	
4-2	Drain Plug	30003550B	
4-3	O-RING (P18)	20006947A	
5	Fastner	20017726A	
6	Water adjustment valve (WAV)	30008245A	
7	WAV Outlet Pipe Assembly	30008624A	
7-1	O-Ring (P16)	20011438A	
8	Syphon	30009756A	
8-1	O-Ring (Φ31.7x3.5t)	20018013A	
8-2	Syphon Clip	20018155A	
8-3	Hose Clip	20007833A	
8-4	Syphon Hose	20018429A	
9	Pump Outlet Pipe Assembly	30008361A	
9-1	Check Valve	30008360A	
9-2	Pipe Clip	20017722A	
9-3	O-Ring (P16)	20017210A	
10	Return Pipe clip	20017767A	
11	Fastner	20007859A	
12	Cold Water Inlet Pipe Assembly	30009437A	
12-1	Water Filter	30008351A	
12-2	O-RING (P19)	20017211A	
12-3	Pipe adapter	30008349A	
12-4	O-RING (P20)	20017212A	
12-5	Pipe Clip	20007733A	
13	O-RING (P29)	20017923A	
14	Buffer Tank adapter	20017757A	
15	Buffer tank pipe A	20017759A	
16	Buffer tank pipe B	20017760A	
17	Fastner	20017724A	

5.5.4 Fan(Gas) Assembly



#	Description	Part #	Remark
1	Gas Adapter	30008431A	
2	Gas Pipe	30009211A	NPE180A/210A
		20018431A	NPE-240A
3	Gas Connector	20018430A	
4	Gas Valve	30008429A	
5	Gas Inlet Adapter	30008382A	
6	Fan Assembly	30008834A	
7	Dual Venturi	30009219A	NPE-180A/210A
		30008909A	NPE-240A
8	Silence	20019142A	NPE-180A
		20023829A	NPE-210A/240A
9	Silence Adapter	20023861A	NPE-180A
		20019141A	NPE-210A/240A
10	O-Ring (P20)	20006934A	
11	O-Ring (G75)	20018079A	
12	Fan Packing	20022744A	
13	Gas Orifice	20024159A	NPE-180A (LN)
		20024190A	NPE-210A/240A (LN)
		20019144A	NPE-180A (LP)
		20024189A	NPE-210A/240A (LP)
14	Venturi packing	20022660A	
15	O-Ring (P34)	20019090A	