

REPLACEMENT PARTS

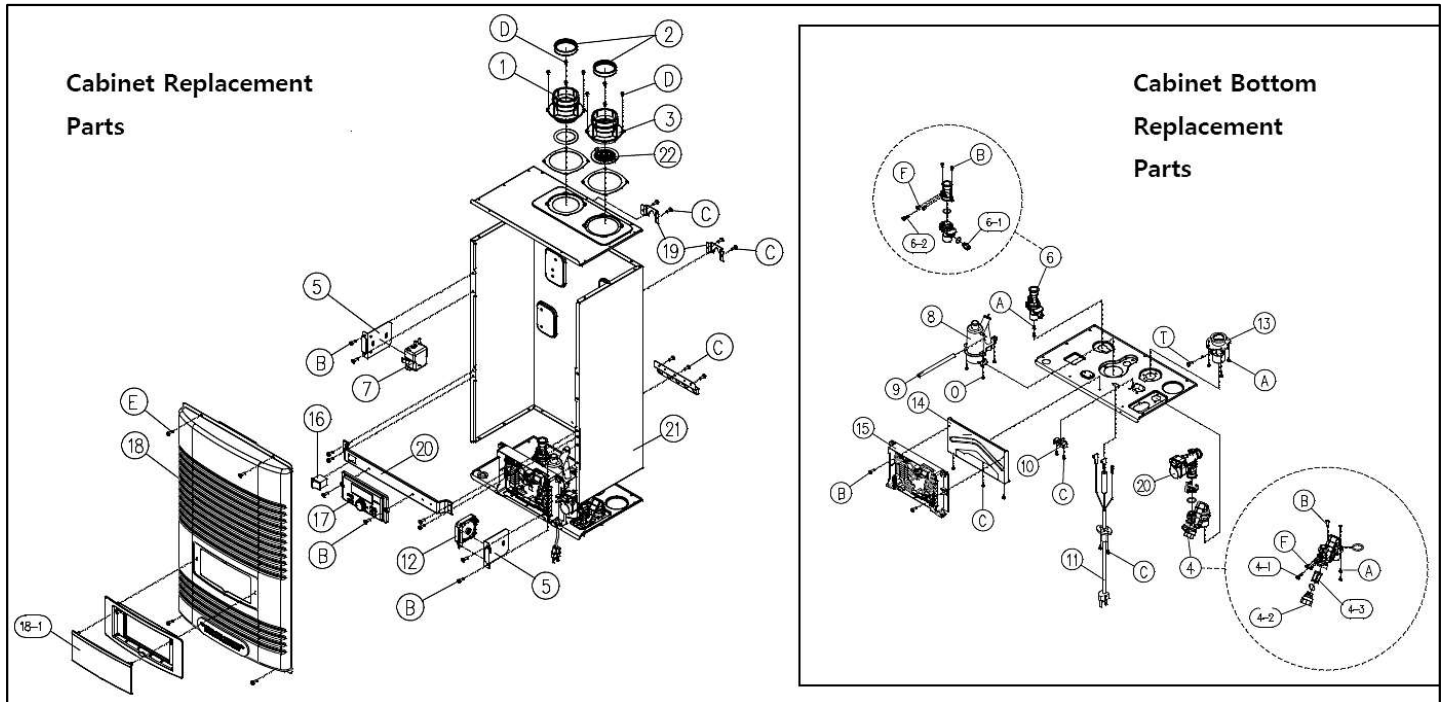


Figure 58 – 150 Model Cabinet Replacement Parts

NUMBER	DESCRIPTION	PART NUMBER	NUMBER	DESCRIPTION	PART NUMBER
1	Exhaust Assembly	7850P-117	10	Water Leak Detector	7850P-215
2	Exhaust and Intake Packing	7850P-118	11	Power Cord	7850P-123
3	Air Intake Assembly	7850P-119	12	Air Pressure Switch	7850P-047
4	Water Inlet Valve Assembly	7850P-018	13	Gas Inlet Connection	7850P-043
4-1	Cold Water Temperature Sensor	7850P-015	14	Control Board Bracket	7850P-124
4-2	Water Inlet Filter Cap	7850P-016	15	PCB (Control Board)	7850P-125
4-3	Cold Water Filter	7850P-017	16	Power Switch	7850P-059
5	Bracket (Igniter, Air Pressure Switch)	7850P-214	17	Control Panel	7850P-057
6	Hot Water Pipe Assembly	7850P-121	18	Front Cover Assembly	7850P-025
6-1	Hot Water Plug	7850P-202	18-1	Control Panel Window	7850P-023
6-2	Hot Water Temperature Sensor	7850P-019	19	Case Bracket	7850P-127
7	Igniter	7850P-045	20	Flow Control Valve	7850P-053
8	Condensate Trap	7850P-014	21	Case	7850P-130
9	Siphon Air Pressure Hose	7850P-112	22	Air Intake Filter	7850P-120

Table 37 – 150 Model Cabinet Replacement Parts

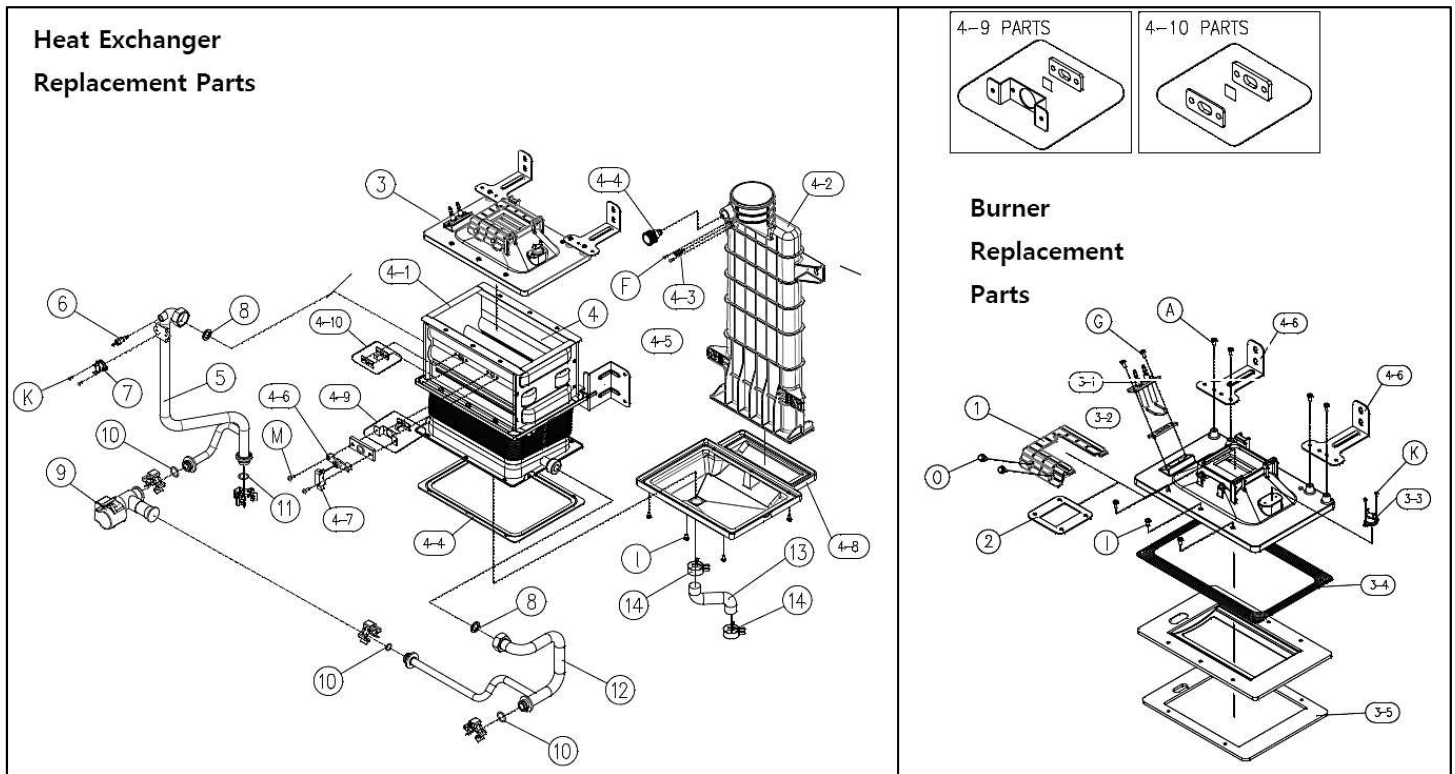


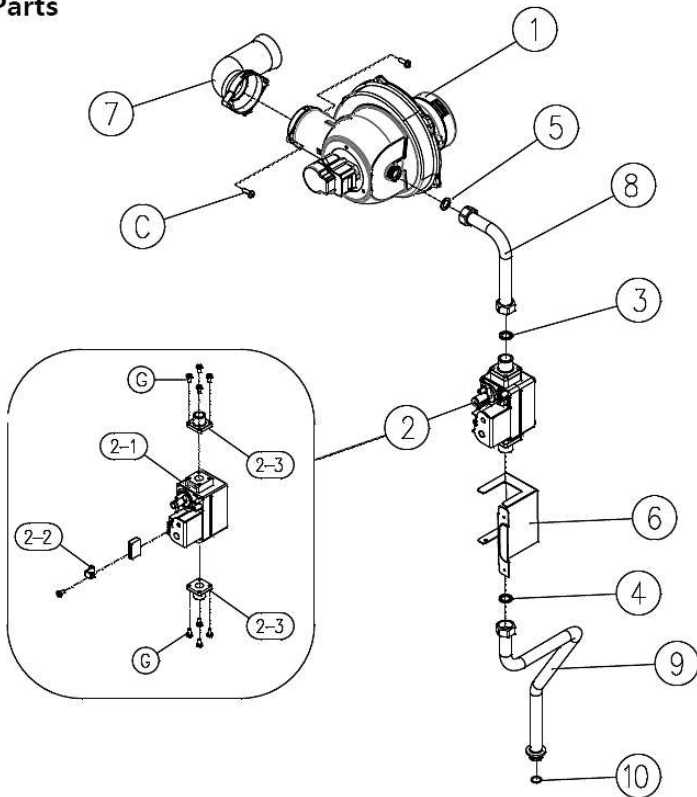
Figure 59 – 150 Model Heat Exchanger Replacement Parts

NUMBER	DESCRIPTION	PART NUMBER	NUMBER	DESCRIPTION	PART NUMBER
1	Burner Fixing Bracket	7850P-133	4-6	Flame Detector Sensor Bracket	7850P-030
2	Blower Connector Packing	7850P-225	4-7	Flame Detector Sensor	7850P-031
3	Burner Assembly	7850P-134	4-8	Exhaust Pipe Assembly (Upper)	7850P-139
3-1	Ignition Rod	7850P-008	4-9	Flame Glass Kit	7850P-144
3-2	Ignition Rod Gasket	7850P-010	4-10	Sight Glass Kit	7850P-145
3-3	Overheat Switch (Burner)	7850P-009	5	Hot Water Outlet Pipe	7850P-146
3-4	Burner Head Packing	7850P-135	6	HX Water Temperature (OP)	7850P-081
3-5	Burner Head Gasket	7850P-136	7	Overheat Sensor	7850P-147
4	Heat Exchanger Assembly	7850P-137	8	3/4" Pipe Gasket	7855P-073
4-1	Heat Exchanger Semi Assembly	7850P-138	9	Mixing Valve	7850P-054
4-2	Condensate Bay	7850P-140	10	O-Ring (P15)	7855P-044
4-3	Exhaust Temperature Sensor	7850P-070	11	Condensate Outlet O-Ring (P16)	7855P-075
4-4	Secondary Heat Exchanger Packing	7850P-141	12	Water Inlet Pipe	7850P-148
4-5	Heat Exchanger Brackets (Left)	7850P-142	13	Condensate Hose	7850P-149
	Heat Exchanger Brackets (Right)	7850P-143	14	Internal Condensate Hose Clip	7850P-038

Table 38 – 150 Model Heat Exchanger Replacement Parts

Gas Valve Replacement

Parts



Fan Motor and

AGM Replacement

Parts

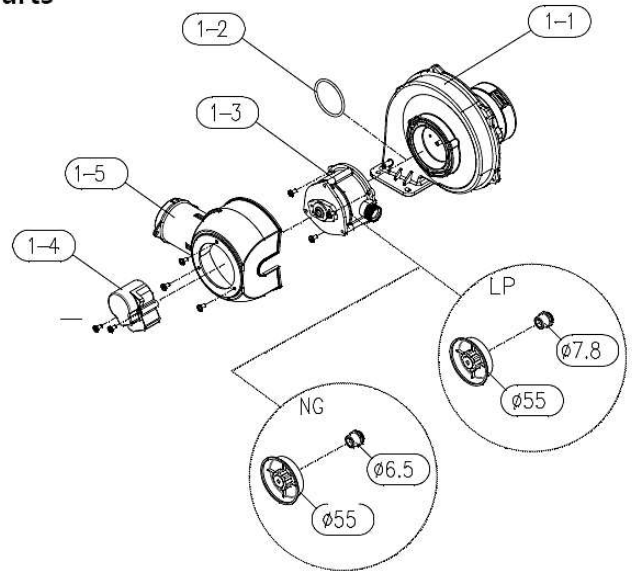


Figure 60 – 150 Model Combustion System Replacement Parts

NUMBER	DESCRIPTION	PART NUMBER	NUMBER	DESCRIPTION	PART NUMBER
1	Fan and AGM Assembly NG	7850P-150	2-2	Gas Valve Plug Bracket	7850P-157
	Fan and AGM Assembly LP	7850P-151	2-3	Gas Valve Adapter -90	7850P-079
1-1	Fan	7850P-002	3	½" Pipe Gasket (15A)	7855P-072
1-2	O-Ring	7850P-003	4	15A Packing (Non-Asbestos)	7855P-221
1-3	Conversion Nozzle and Needle (NG)	7850P-153	5	Gas Mixer Gasket	7850P-242
	Conversion Nozzle and Needle (LP)	7850P-154	6	Gas Valve Bracket	7850P-158
1-4	AGM (Actuator)	7850P-152	7	Silencer Elbow	7850P-159
1-5	Silencer Body	7850P-155	8	Gas Pipe (Upper)	7850P-160
2	Gas Valve Assembly	7850P-156	9	Gas Pipe (Lower)	7850P-161
2-1	Gas Valve	7855P-034	10	O-Ring (P18)	7850P-047

Table 39 – 150 Model Combustion System Replacement Parts

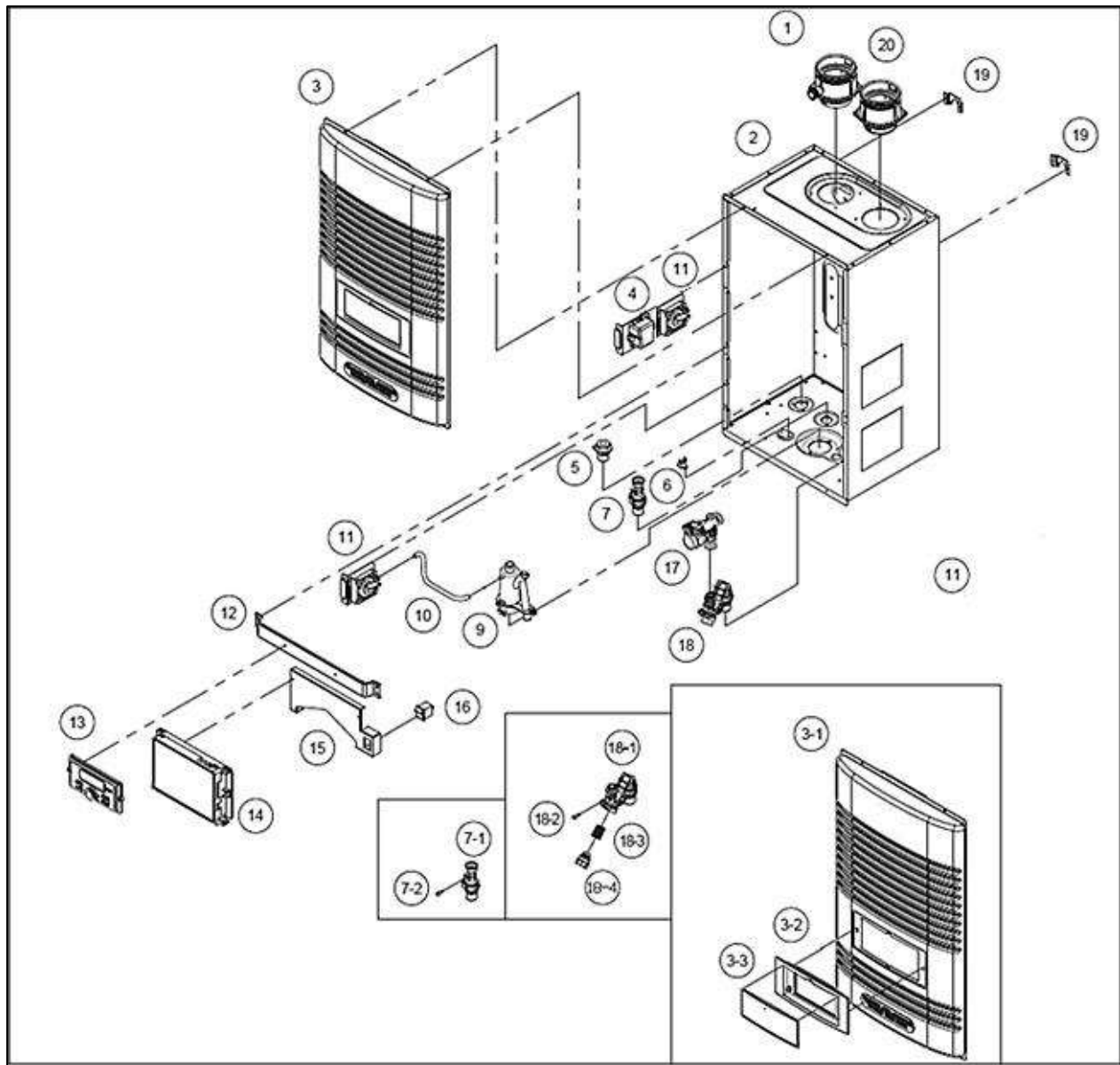


Figure 61 – 199 Model Cabinet Replacement Parts

NUMBER	DESCRIPTION	PART NUMBER	NUMBER	DESCRIPTION	PART NUMBER
1	EXHAUST ASSY	7850P-021	11	AIR PRESSURE SWITCH	7850P-047
2	CASE	7850P-044	12	DISPLAY BRACKET	7850P-065
3	DOOR ASSY	7850P-025	13	DISPLAY	7850P-057
3-1	FRONT COVER	7850P-062	14	CONTROL (199 Models)	7850P-058
3-2	DISPLAY PANEL BRACKET	7850P-024	15	CONTROL BRACKET	7850P-066
3-3	DISPLAY PANEL	7850P-023	16	ROCKER SWITCH	7850P-059
4	IGNITION TRANSFORMER	7850P-045	17	FLOW CONTROL VALVE	7850P-053
5	GAS INLET NIPPLE	7850P-043	18	WATER INLET VALVE ASSY	7850P-018
6	OVERHEAT SENSOR	7850P-050	18-1	WATER INLET VALVE BODY	7850P-067
7	DHW SUPPLY PIPE ASSY	7850P-020	18-2	WATER INLET SENSOR	7850P-015
7-1	DHW SUPPLY PIPE	7850P-063	18-3	WATER INLET FILTER	7850P-017
7-2	WATER OUTLET SENSOR	7850P-019	18-4	WATER INLET FILTER CAP	7850P-016
8	N/A	N/A	19	CASE BRACKET (RIGHT OR LEFT)	7850P-068
9	SIPHON ASSY	7850P-014	20	INTAKE AIR ASSY	7850P-022
10	SIPHON AIR PRESSURE HOSE	7850P-064			

Table 40 – 199 Model Cabinet Replacement Parts

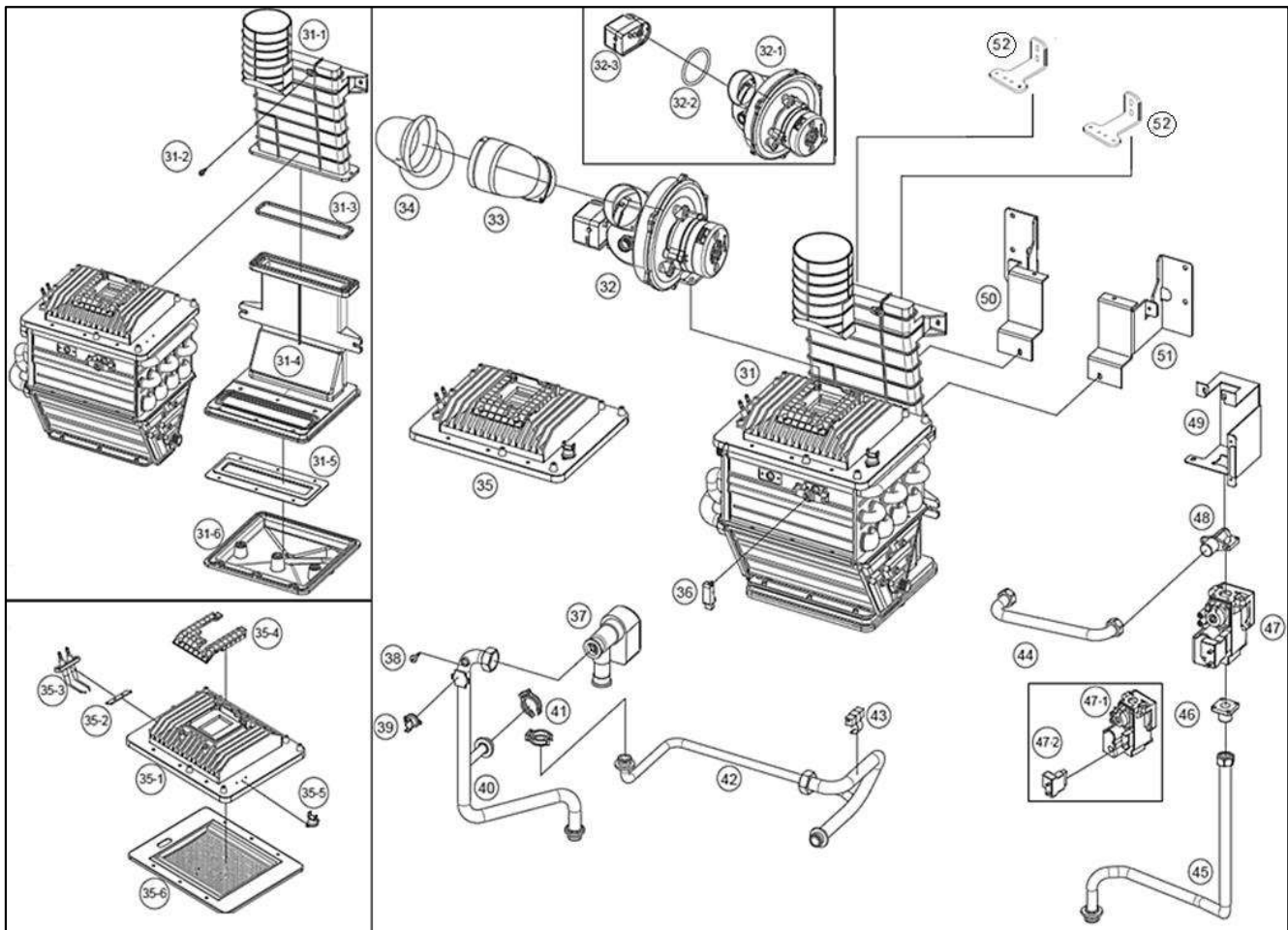


Figure 62 – 199 Model Heat Exchanger Replacement Parts

NUMBER	DESCRIPTION	PART NUMBER	NUMBER	DESCRIPTION	PART NUMBER
31	HEAT EXCHANGER ASSY	7850P-032	36	FLAME DETECTOR SENSOR	7850P-031
31-1	EXHAUST PIPE ASSY (UP)	7850P-033	37	MIXING VALVE	7850P-054
31-2	EXHAUST TEMPERATURE SENSOR	7850P-070	38	H/X TEMPERATURE SENSOR	7850P-081
31-3	EXHAUST GASKET 1	7850P-071	39	H/X OVERHEAT SWITCH	7850P-051
31-4	EXHAUST PIPE ASSY (DOWN) W/ CONDENSATE COLLECTOR PAN	7850P-034	40	DHW OUTLET PIPE	7850P-049
31-5	EXHAUST H/X GASKET	7850P-072	41	WATER PIPING CLIP	7850P-055
31-6	N/A	N/A	42	DHW INLET PIPE	7850P-048
32	FAN ASSEMBLY	7850P-006	43	CERAMIC HEATER	7850P-076
32-1	FAN	7850P-002	44	GAS VALVE PIPE (UPPER)	7850P-039
32-2	BLOWER O-RING	7850P-003	45	GAS VALVE PIPE (LOWER)	7850P-040
32-3	AGM (ACTUATOR)	7850P-004	46	GAS VALVE ADAPTER (STRAIGHT)	7850P-077
33	SILENCER ELBOW	7850P-036	47	GAS VALVE ASSY W/ PLUG	7850P-078
34	SILENCER BODY	7850P-035	47-1	GAS VALVE	7850P-012
35	BURNER ASSY	7850P-011	47-2	GAS VALVE PLUG	7850P-013
35-1	BURNER HEAD	7850P-007	48	GAS VALVE ADAPTER (90 DEGREE)	7850P-079
35-2	IGNITION ROD BRACKET	7850P-010	49	GAS VALVE BRACKET	7850P-080
35-3	IGNITION ROD	7850P-008	50	BOTTOM HEAT EXCHANGER BRACKETS (LEFT)	7850P-028
35-4	BLOWER HEAD BRACKET	7850P-074	51	BOTTOM HEAT EXCHANGER BRACKETS (RIGHT)	7850P-091
35-5	OVERHEAT SENSOR (BURNER)	7850P-009	52	TOP HEAT EXCHANGER BRACKETS	7850P-082
35-6	METAL FIBER ASSY	7850P-075			

Table 41 – 199 Model Heat Exchanger Replacement Parts