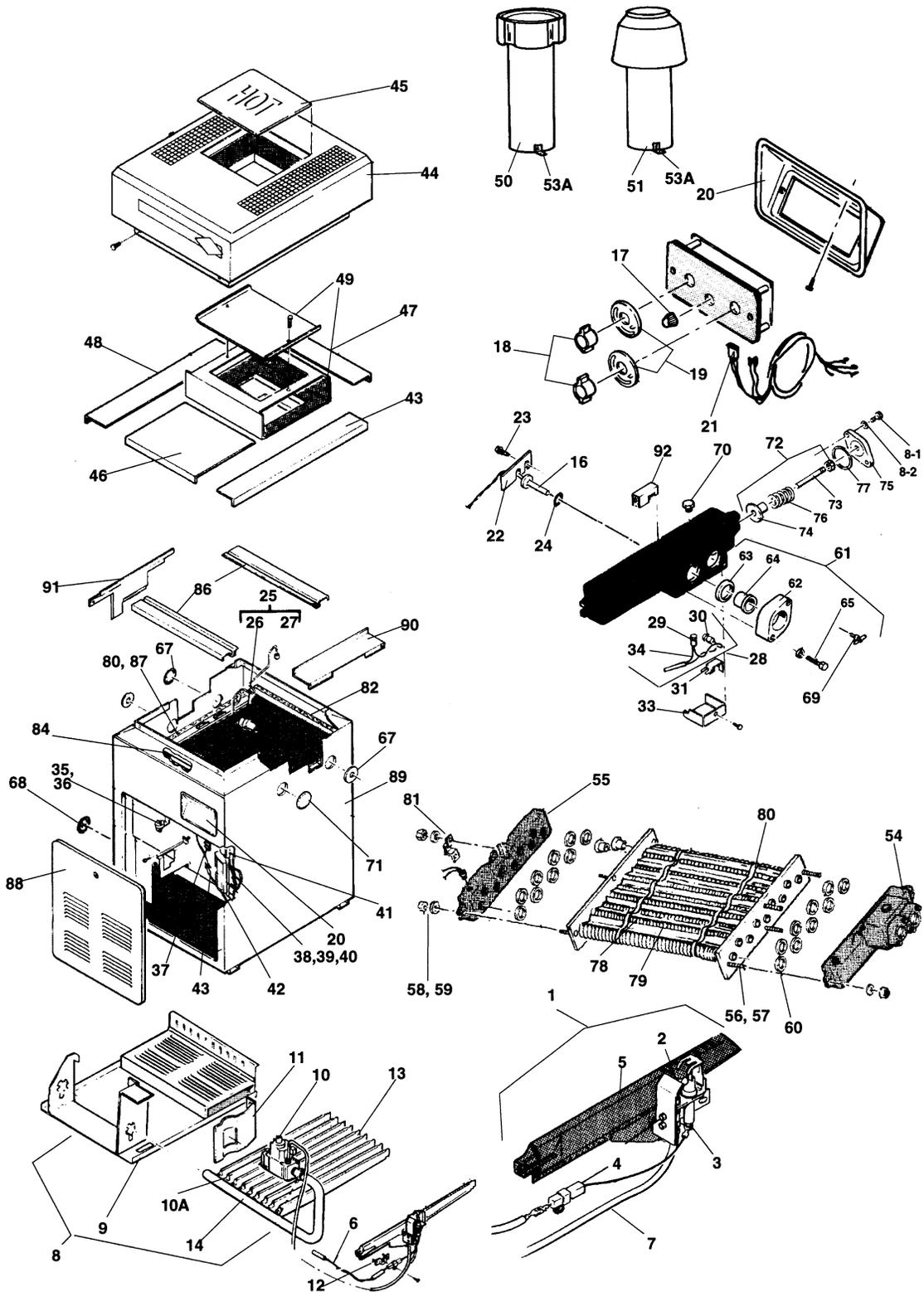


Series 2 ESC Heater (Mfg. 1993-1996) Parts List and Diagram



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Key No.	Description	Model No.	ORDER PART NO.	Key No.	Description	Model No.	ORDER PART NO.
PILOT GAS SYSTEM							
1	Pilot, Main Burner Assembly, NAT	All	R0096000	54	Inlet/Outlet Header, Bronze, 2"	All	R0016800
1	Pilot, Main Burner Assembly, LPG	All	R0096500	55	Return Header	All	R0058300
2	Pilot Burner, NAT	All	R0061600	55	Return Header, Bronze	All	R0054600
2	Pilot Burner, LPG	All	R0095800	56	Header Bolt Assembly	All	R0057000
3	Pilot Bracket Shield	All	W0041100	57	Bolt for Headers, 2 1/2"	All	F0046100
4	Ceramic Insulator Assembly	All	R0011600	58	Washer for Headers	All	F0011100
5	Burner, Main w/Pilot Brkt	All	10457500	59	Nut for Headers	All	F0003100
6	High Voltage Lead Assembly	All	R0099000	60	Header Gasket Assembly (Set of 18)	All	R0050800
7	Pilot Tubing	All	R0037000	61	Flange & Gasket Assembly (Note 3 & 5)	All	R0055000
MAIN GAS ASSEMBLY							
8	Burner Tray Assembly, NAT (Note 3)	125-400	R0098801-05	62	Flange, 2"	All	10573500
8	Burner Tray Assembly, LPG (Note 3)	125-400	R0097201-05	63	Flange Gasket, 2"	All	S0078000
9	Burner Tray, Shelf Only	125-400	R0317001-05	64	Flange Sleeve, 2"	All	S0078200
10	Gas Valve, NAT	125-175	R0039200	65	Flange Bolt	All	F0031700
10	Gas Valve, NAT	250-400	R0099400	66	Flange Gasket, 1 1/2" x 2" (Not Shown)	All	S0078100
10	Gas Valve, LPG	All	R0095900	67	Grommet for Drain Plug	All	R0316300
10A	Gas Orifice, NAT (Note 1)	All	L0032200	68	Grommet, Slitted	All	S0071100
10A	Gas Orifice, LPG (Note 1)	All	L0032900	69	Drain Plug	All	P0026800
11	Anti-Rotation Bracket	All	10577200	70	Brass Plug, 3/4"	All	P0027000
12	Mounting Bracket Assembly	All	10419200	71	Hole Plug	All	F0035300
13	Burner, Main	All	L0052300	72	By-Pass Assembly	All	R0054900
14	Burner Manifold (Note 3)			73	By-Pass Valve Rod	All	S0074300
ELECTRICAL SYSTEM							
15	Temperature Control Assembly	All	R0011700	74	By-Pass Valve Disc	All	R0011500
16	Temperature Sensor	All	R0011800	75	By-Pass Valve Cap	All	S0069100
17	Knob, Single Bar	All	R0099900	75	By-Pass Valve Cap, Bronze	All	S0076700
18	Thermostat Knob, Black	All	R0010700	76	By-Pass Valve Spring, Purple	125	S0079900
19	"Temp-Lok" Stop Plate	All	10583100	76	By-Pass Valve Spring, White	175	S0061400
20	Bezel	All	S0069800	76	By-Pass Valve Spring, Red	250	S0061300
21	Wire Harness Assembly	All	10457800	76	By-Pass Valve Spring, Blue	325	S0061200
22	Retainer Bracket	All	10447300	76	By-Pass Valve Spring, Black	400	S0070100
23	Retainer Bracket Screw	All	F0009100	77	By-Pass Valve Gasket	All	R0011400
24	"O" Ring, Temperature Control Bulb	All	E0116400	78	Heat Exchanger Tube Assembly (Note 2)	125-400	R0018101-05
25	Pressure Switch & Siphon Loop Assembly	All	N/A	79	Heat Exchanger Baffle (8 Required)	125-400	10697401-05
26	Pressure Switch, 2 PSI	All	R0013200	80	Baffle Retainer	All	S0083900
26	Pressure Switch, 1 PSI	All	R0011300	81	Heat Exchanger Support Clip	All	N/A
26	Pressure Switch, 1-10 PSI	All	R0015500	FIREBOX COMPONENTS			
27	Siphon Loop Assembly	All	R0057800	82	Insulation, Fiberglass (Sold by Ft.)	All	T0002000
28	High-Limit Switch Assembly	All	R0023200	83	Side Tile, 22 3/8" x 16 1/2" (Note 5)	All	N/A
29	High-Limit Switch, 135* F	All	R0022700	84	Front Tile, 18 5/8" x 9 1/8" (Note 5)	125	N/A
30	High-Limit Switch, 150* F	All	R0023000	84	Front Tile, 18 5/8" x 12 1/8" (Note 5)	175	N/A
31	High-Limit Switch Retainer Clip	All	10728500	84	Front Tile, 18 5/8" x 16 1/8" (Note 5)	250	N/A
32	High-Limit Switch Retainer Bolt	All	S0098900	84	Front Tile, 18 5/8" x 20 7/8" (Note 5)	325	N/A
33	High-Limit Switch Cover	All	10418300	84	Front Tile, 18 5/8" x 25 7/8" (Note 5)	400	N/A
34	High-Limit Switch Wire Harness	All	10419300	85	Rear Tile, 22 15/16" x 9 1/8" (Note 5)	125	N/A
35	Fusible Link Assembly	All	R0012200	85	Rear Tile, 22 15/16" x 12 1/8" (Note 5)	175	N/A
36	Fusible Link Bracket	All	10479900	85	Rear Tile, 22 15/16" x 16 5/8" (Note 5)	250	N/A
37	Terminal Block	All	R0097800	85	Rear Tile, 22 15/16" x 20 7/8" (Note 5)	325	N/A
38	Ignition Control Assembly, NAT	All	10457900	85	Rear Tile, 22 15/16" x 25 7/8" (Note 5)	400	N/A
38	Ignition Control Assembly, LPG	All	R0097900	86	Front and Rear Tile Cover	125-400	10314901-05
39	Ignition Control, NAT	All	R0011900	87	Side Tile Cover	All	10167300
39	Ignition Control, LPG	All	R0097100	JACKET COMPONENTS			
40	Harness Assembly	All	R0059800	88	Door with Latch	125-400	R0313401-05
41	Transformer (115V-220V/24V)	All	R0061100	89	Jacket Assembly, Less Top Assembly	125-400	10447901-05
42	Ignition Control Panel	All	10451200	90	Gap Closure, Inlet/Outlet	All	10448200
43	In-Line Fuse Assembly	All	10480000	91	Gap Closure, Return	All	10448300
OPTIONAL COMPONENTS							
						125-400	10521701-05
						All	R0040400
						All	X0016000
MODELS WITH SERIAL NOS. "G" AND LATER (Not Shown)							
44	Top Enclosure	125-400	N/A	89	Jacket Assembly, Less Top Assembly	125-400	R0316501-05
45	Top Filler	125-400	10535201-05	88	Door with Latch	125-400	R0313401-05
46	Rainshield, Front	125-400	R0098001-05	44	Top Enclosure	125-400	R0313201-05
47	Rainshield, Rear	125-400	R0098101-05	49	Flue Collector	125-400	R0316401-05
48	Rainshield, Side	125-400	R0098201-05	46	Rainshield Kit	125-400	R0326101-05
49	Flue Collector Assembly	125-400	N/A	83	Side Tile (Note 6)	All	N/A
50	Outdoor Vent Cap	125-400	10561501-05	84,85	Front / Rear Tile (Note 6)	125-400	N/A
51	Indoor Drafthood	125-400	10561401-05	82	Insulation, Fiberglass (Sold by Ft)	All	T0027100
52	Flue Transition Plate (Not Shown)	125-400	10741001-05	Notes:			
52	Flue Transition Plate, "G" Version (Not Shown)	125-400	10852501-05	1. For altitudes 2,000 Ft above sea level, call factory for orifice size. 2. Serial No.			
53	Adapter Plate	125-400	10535301-05	F95PE1719 and above use P/N X0021100, Lt Beige. 3. See Appendix. 4. Two included in			
53A	Clip	All	10211000	assembly. 5. Use kit R0325301-05. All 4 sides included. 6. Use kit R0325401-05. All 4 sides			
WATER SYSTEM							
54	Inlet/Outlet Header, 2"	All	R0056400	included.			