

SECTION 9 Replacement Parts

Only genuine Laars replacement parts should be used.

9.A General Information

To order or purchase parts for the Laars Mighty Therm2, contact your nearest Laars dealer or distributor. If they cannot supply you with what you need, contact Customer Service (see back cover for address, telephone and fax numbers).

9.B Parts List

Item	Description	Model 200	Model 300	Model 400
COMBUSTION CHAMBER COMPONENTS				
See Figure 19				
1	Base Assembly	2C1000	3C1000	4C1000
2	Support, Tile Notch	2C2019	3C2019	4C2019
3	Chamber, Refractory, Heat Exchanger	T2108802	T2108803	T2108804
4	Assembly, Front Panel, Combustion Chamber	2C2023	3C2023	4C2023
5	Panel, Rear, Combustion Chamber	2C2006	3C2006	4C2006
6	Panel, Top, Combustion Chamber	2C2001	3C2001	4C2001
7	Panel, Chamber, Right Side, Bottom	2C2201	2C2201	2C2201
8	Panel, Chamber, Left Side, Bottom	2C2601	2C2601	2C2601
9	Panel, Chamber, Side, Top	2C2002	2C2002	2C2002
10	Panel, Right Side, Air Box	2C2016	2C2016	2C2016
11	Panel, Left Side, Air Box	2C2015	2C2015	2C2015
12	Weldment, Duct, Blower	2C2500	2C2500	2C2500
13	Panel, Top, Air Box	2C2008	3C2008	4C2008
14	Plate, Spacer, Burner/Manifold	2C2017	3C2017	4C2017
15	Panel, Front, Air Box	2C2009	3C2009	4C2009
16	Assembly, Exhaust Vent, Vertical	2C2100	3C2100	4C2100
17	Weldment, Flue	2C2300	2C2300	2C2300
18	Assembly, Air Shutter, Blower	2C5000	2C5000	2C5000
19	Assembly, Filter Housing	2C3800	2C3800	2C3800
20	Media, Filter	R2073200	R2073200	R2073200
21	Clip, Retaining, Filter Media	F2022300	F2022300	F2022300
22	Hose, Duct, Flexible, 4" Dia.	P0101402	P0101403	P0101404
23	Blower/Motor	E0254000	E0254000	E0254000
24	Gasket, Blower	S2104400	S2104400	S2104400
25	Assembly, Sight Glass	R10956000	R10956000	R10956000
26	Ignitor, Hot Surface	RW2002300	RW2002300	RW2002300
27	Gasket, Burner	S2104300	S2104300	S2104300
28	Burner, Main (Pressure Port)	L0063301	L0063301	L0063301
29	Burner, Main	L0063300	L0063300	L0063300
30	Gasket, Blower Duct	S2104500	S2104500	S2104500
31	Kit, Insulation, Combustion Chamber	T2015808	T2015809	T2015810
32	Gasket, Flue Housing	S2104600	S2104600	S2104600

Item	Description	Model 200	Model 300	Model 400
JACKET COMPONENTS				
See Figure 20				
40	Panel, Front, Jacket	R2C3320	R3C3320	R4C3320
41	Panel, Rear, Jacket	2C3220	3C3220	4C3220
42	Panel, Top, Jacket	2C3021	3C3021	4C3021
43	Panel, Jacket, Control Access	2F3019	3F3019	4F3019
44	Panel, HX Side Access, Jacket	2C3620	2C3620	2C3620
45	Panel, Right Side, Upper, Jacket	2C3621	2C3621	2C3621
46	Panel, Right Side, Jacket	2C3520	2C3520	2C3520
47	Panel, Left Side, Jacket	2C3420	2C3420	2C3420
48	Panel, Lower Access, Jacket	2C3622	2C3622	2C3622
49	Panel, Filter Side, Upper, Jacket	2C3623	2C3623	2C3623
50	Panel, Filter Access, Jacket	2C3010	2C3010	2C3010
51	Weldment, Cover, Air Inlet	2C3700	2C3700	4C3700
52	Panel, Cover, Exhaust	2C3701	3C3702	4C3701
53	Plate, Cover, Sight Glass	10338600	10338600	10338600
54	Side Panel, Pump Cover, Jacket	2C3015	2C3014	2C3014
55	Cover, Pump	2C3016	2C3016	2C3016
HEAT EXCHANGER COMPONENTS				
See Figure 21				
60	Assembly, Tube, Heat Exchanger, Copper	R2C4100	R3C4100	R4C4100
	Assembly, Tube, Heat Exchanger, Copper-Nickel	R2C4120	R3C4120	R4C4120
61	Header, Inlet/Outlet	2F4122	2F4122	2F4122
62	Header, Return	2C4103	2C4103	2C4103
63	Chamber, Header, Heat Exchanger	2C4001	2C4001	2C4001
64	Baffle, End, Heat Exchanger Tube	2C4002	2C4002	2C4002
65	Flanges, Set of 2, 1-1/2" NPT, Cast Iron	S0077700	S0077700	S0077700
66	Gasket, Connection Flange, 1-1/2"	S0076500	S0076500	S0076500
67	Valve, Pressure Relief, 3/4" NPT X 75 PSI	A0063300	A0063300	A0063300
	Valve, Pressure Relief, 3/4" NPT X 125 PSI	RA0001200	RA0001200	RA0001200
68	Gauge, Temperature/Pressure	RA0079000	RA0079000	RA0079000
69A	Well, Immersion	E2058300	E2058300	E2058300
69B	Well, Immersion, Hi-Limit Temperature	E0234201	E0234201	E0234201
70	Probe, Thermistor	E2103300	E2103300	E2103300
71	Switch, Water Flow	RE0013000	RE0013000	RE0013000
72	Pump, Circulator, Hydronic	A0076700	A0076800	A0076800
	Pump, Circulator, Volume Water	A0095704	A0095704	A0095704
73	Gasket, 5/8" Tube, 7/32" Thk. Heat Exch. (each)	S0070800	S0070800	S0070800
	Gaskets, Set of 20, Heat Exch	R0050801	R0050801	R0050801

Item	Description	Model 200	Model 300	Model 400
GAS TRAIN COMPONENTS				
See Figure 22				
80	Weldment, Gas Manifold, Main	L0063702	L0063703	L0063704
81	Manifold, Gas, On/Off	L0063414	L0063416	L0063418
82	Manifold, Gas, 2 Stage Left Bank	L0063404	L0063413	L0063414
83	Manifold, Gas, 2 Stage Right Bank	L0063402	L0063403	L0063405
84	Orifice, Nat. Gas	L0062900	L0062900	L0062900
	Orifice, LP Gas	L0063000	L0063000	L0063000
85	Spacer, Gas Orifice	F2022400	F2022400	F2022400
86	Gas Valve, Combination, Nat. (DSI) 3/4" NPT x 3/4" NPT	V0079400	V0079400	V0079400
	Gas Valve, Combination, LP (DSI) 3/4" NPT x 3/4" NPT	V0079500	V0079500	V0079500
87	Cover, Gas Inlet, Air Box	2C2018	2C2018	2C2018
Item	Description	Model 200	Model 300	Model 400
CONTROL PANEL COMPONENTS				
See Figure 23				
92	Bracket, Mounting, Hi-Limt/Pressure Switch	2C7004	2C7004	2C7004
93	Switch, Pressure, Diaphragm, SPST	E0255500	E0255500	E0255500
94	Switch, Pressure, Diaphragm, SPDT	RE0240900	RE0240900	RE0240900
95	Switch, Limit, High Temperature, Hydronic	E2304800	E2304800	E2304800
	Switch, Limit, High Temperature, Volume Water	E2324200	E2324200	E2324200
96	Transformer, 24, 120 V, 50VAC	E0180500	E0180500	E0180500
97A	(for Boiler) PCB, TCM MT2H	RE2344300	RE2344301	RE2344301
97B	(for Water Heater) MT2V 2-Stage	E0093200	E0093200	E0093200
97C	(for Water Heater) MT2V 1-Stage	E0014400	E0014400	E0014400
98A	Relay, 24VAC, DPDT	E2327800	E2327800	E2327800
98B	Pump Relay (for Volume Water)	E2077700	E2077700	E2077700
99	Tray, Control Panel	2F7001	3F7001	4F7001
101	Toggle Switch, SPDT	R2007700	R2007700	R2007700
102	Ignition Control	E0253400	E0253400	E0253400
103	Switch, Rocker, 15A, 125 VAC, 1/2 HP	RE2322700	RE2322700	RE2322700
104	Terminal Block	E2327700	E2327700	E2327700
105	Cover, Transformer	2C7005	2C7005	2C7005
106	Label, Terminal Block	H2356600	H2356600	H2356600
108	Stabilizer, Control Panel	2C7006	2C7006	2C7006
not shown	Harness, Main	E2348700	E2348700	E2348700

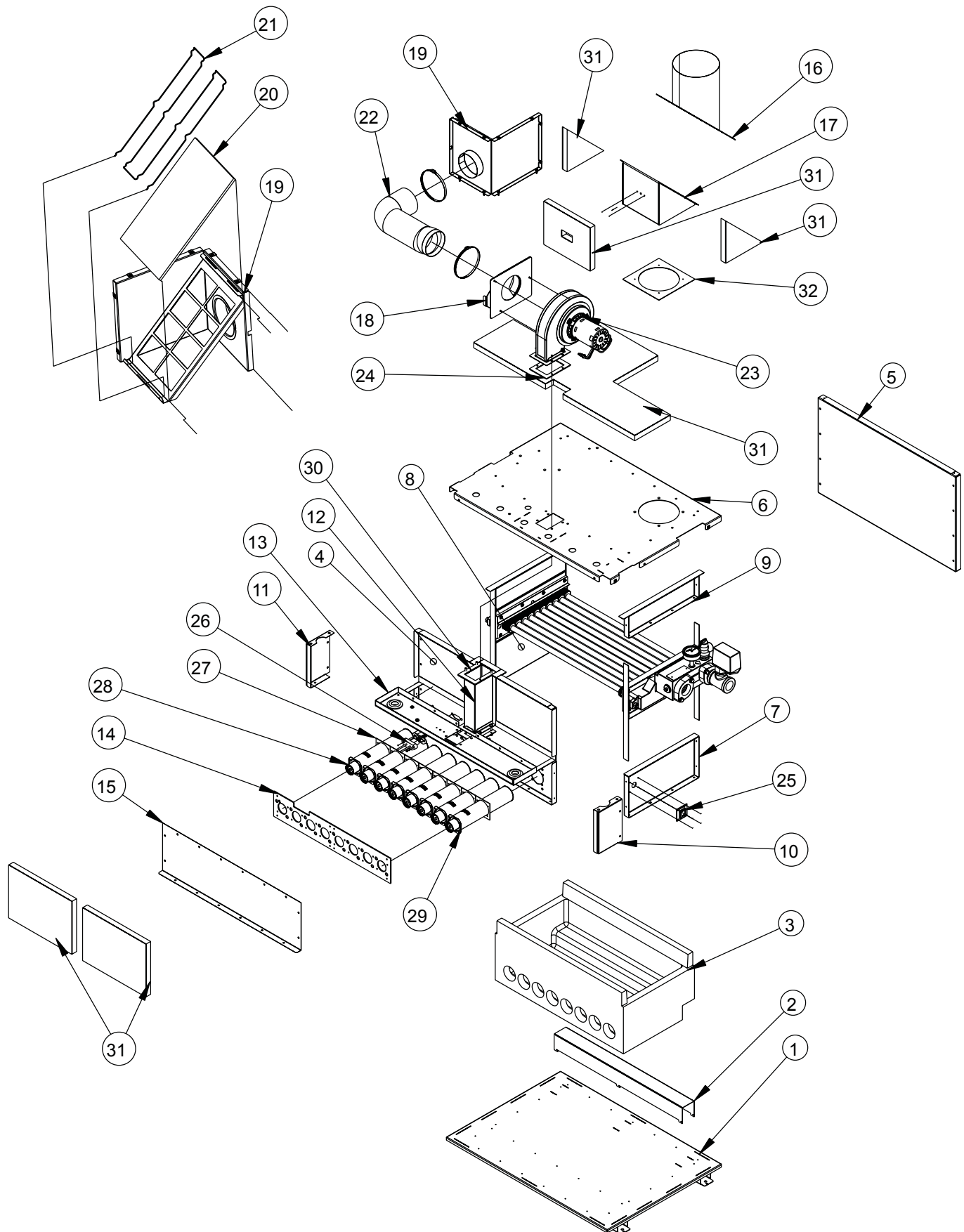


Figure 19. Combustion Chamber Components.

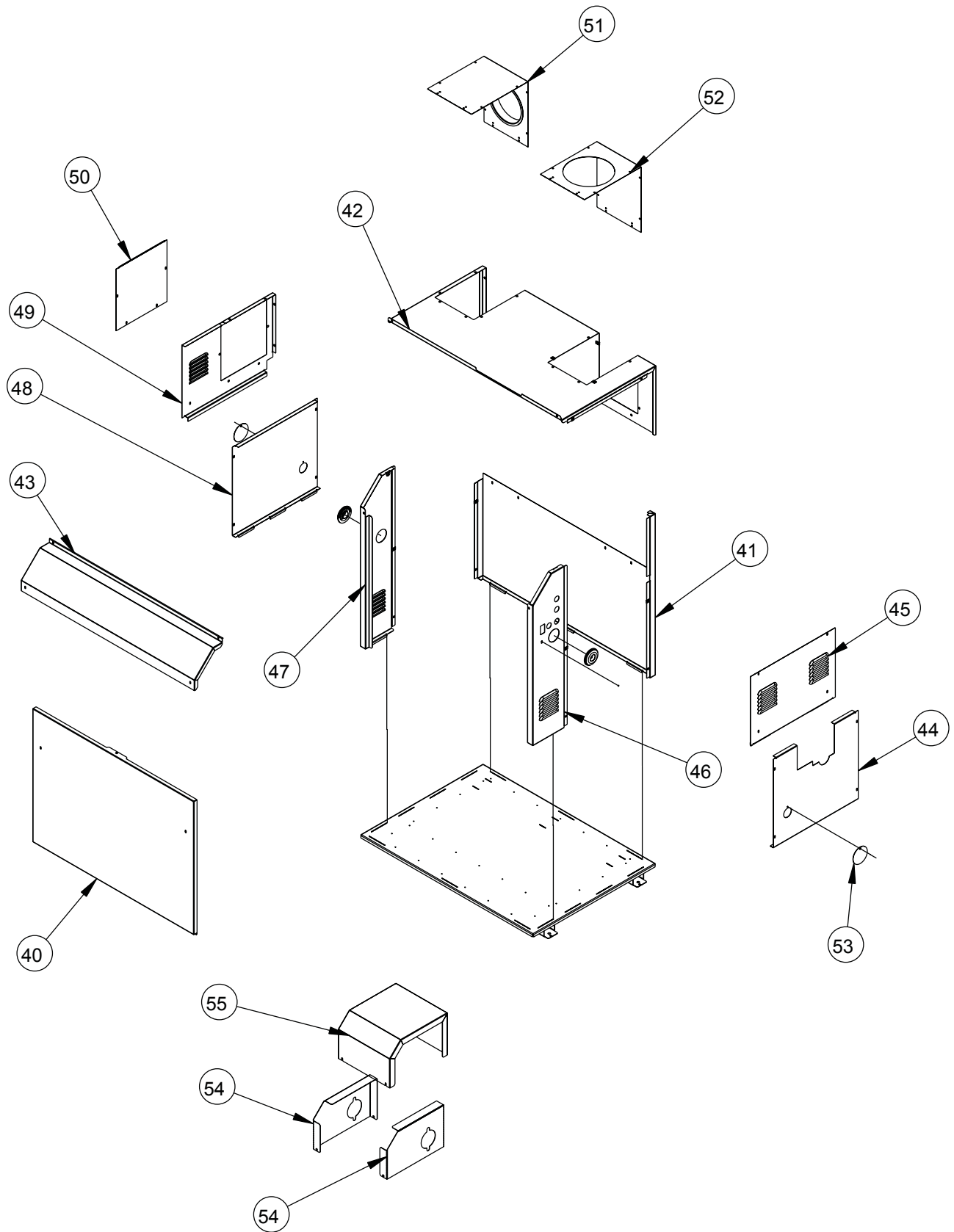


Figure 20. Jacket Components.

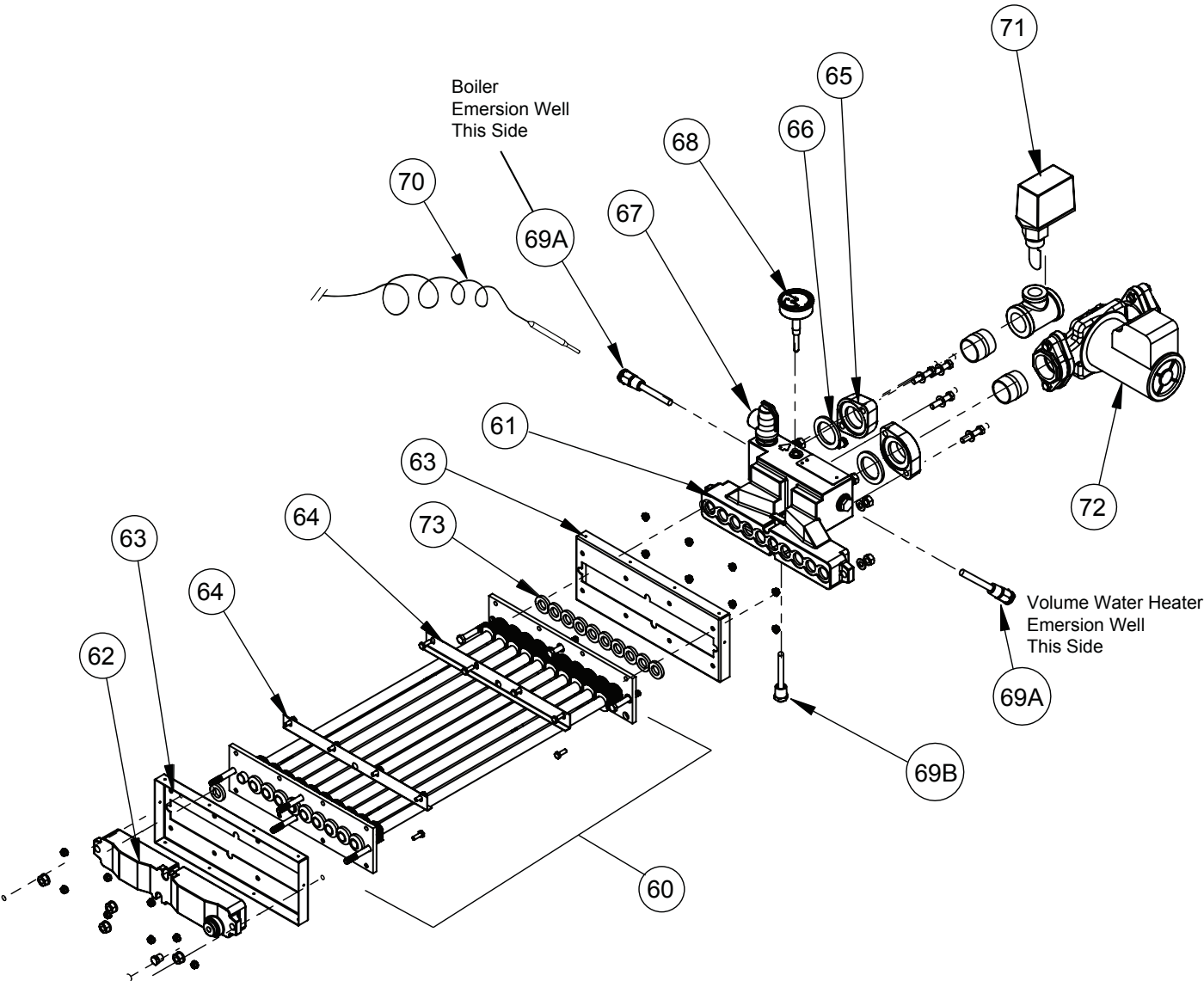


Figure 21. Heat Exchanger Components.

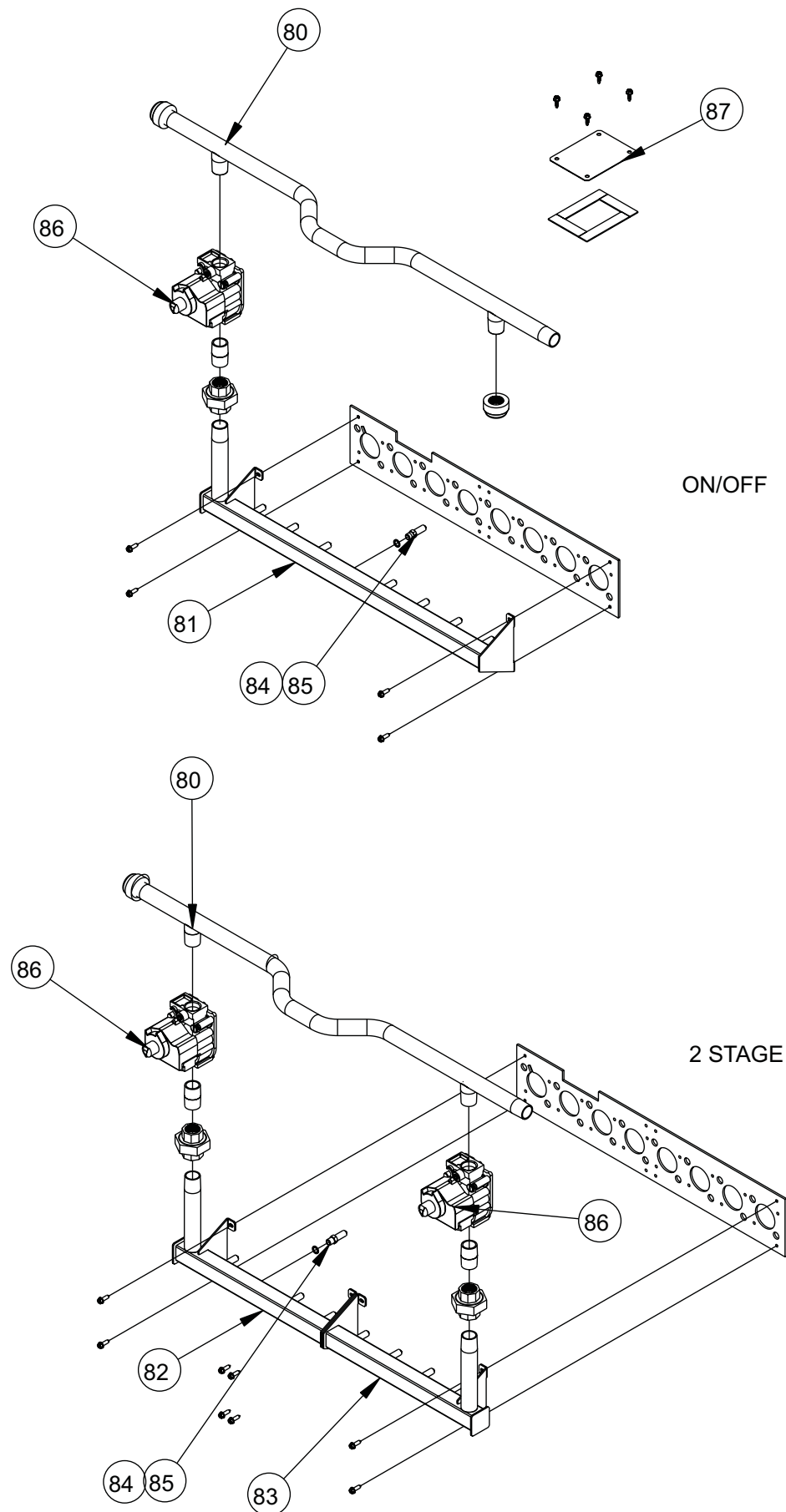


Figure 22. Gas Train Components.

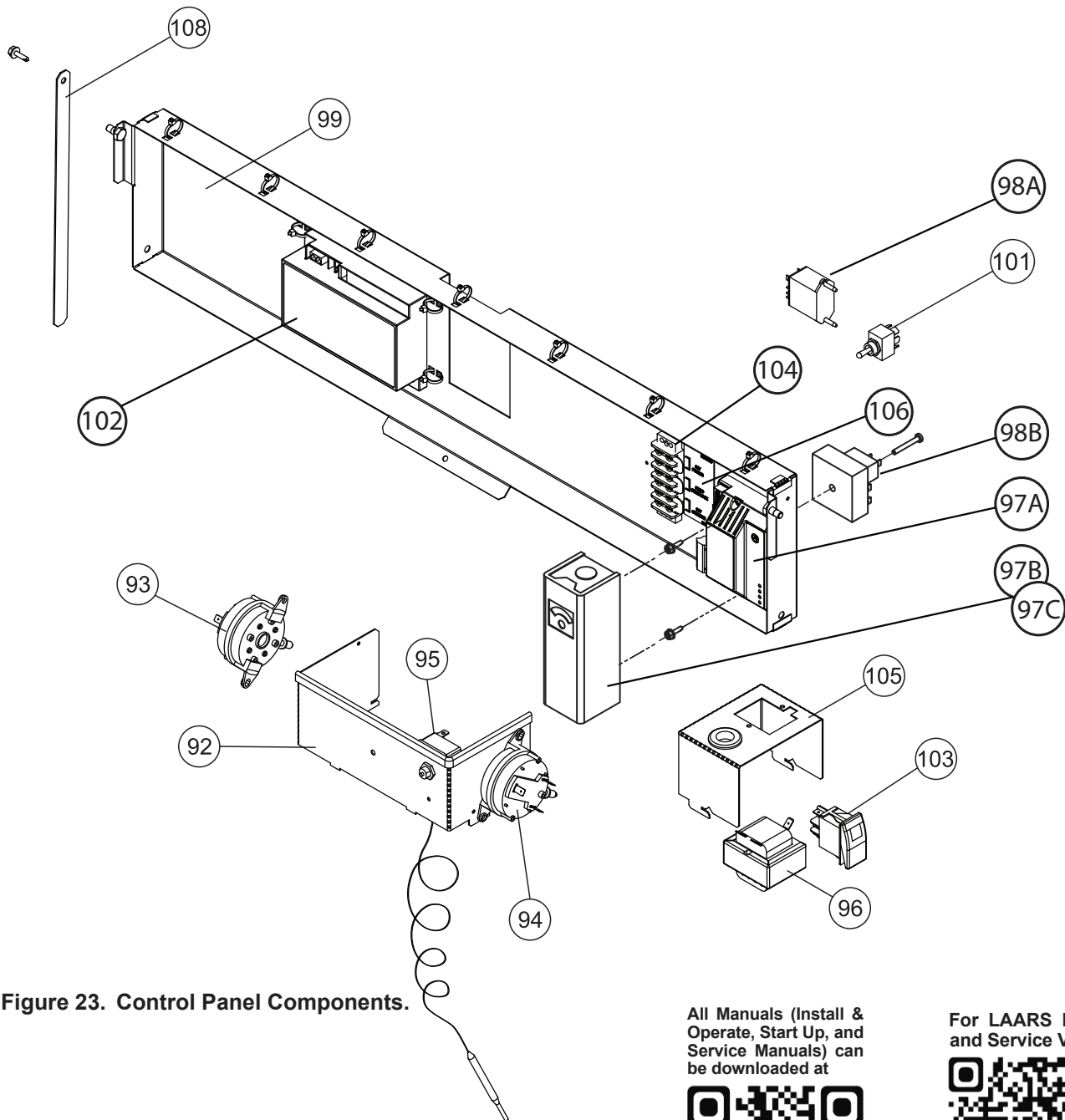


Figure 23. Control Panel Components.

All Manuals (Install & Operate, Start Up, and Service Manuals) can be downloaded at



www.laars.com

For LAARS Product and Service VIDEOS



<https://www.youtube.com/user/LaarsHeating>

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



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