



COMMERCIAL GAS REPLACEMENT PARTS LIST

High Efficiency Commercial Gas Water Heater



Models Covered:
EF120T4003N(A)3
EF120T5003N(A)3
lumbers SM* Through WM*

Includes Hydrojet®
Total Performance System

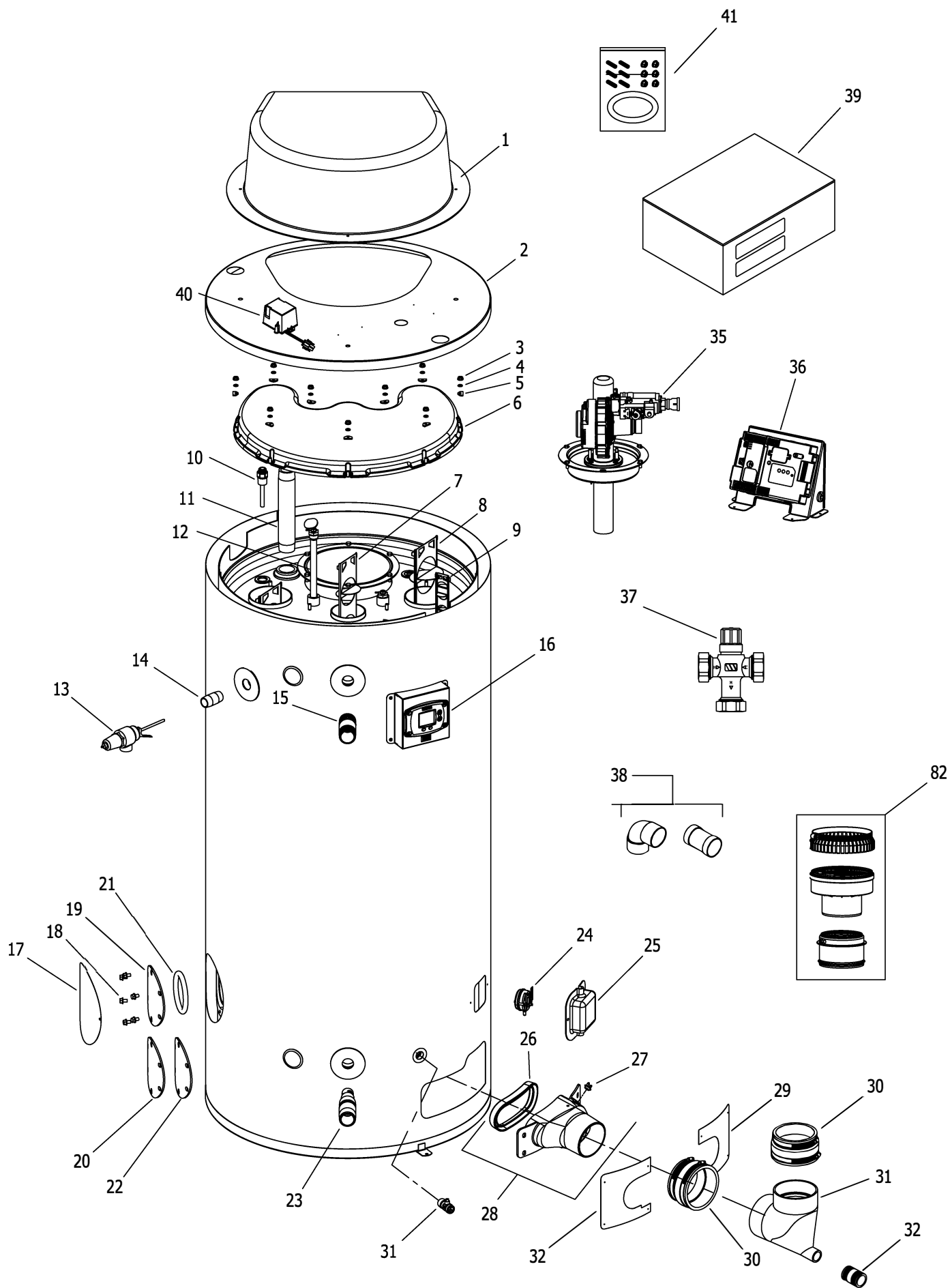
Effective: April, 2023
ECO 8577

**NOTE: BOTH MODEL AND SERIAL
NUMBERS ARE REQUIRED FOR
ORDERING REPLACEMENT PARTS**

Dimensions and specifications
subject to change without notice.



As required by the state of California Proposition 65.

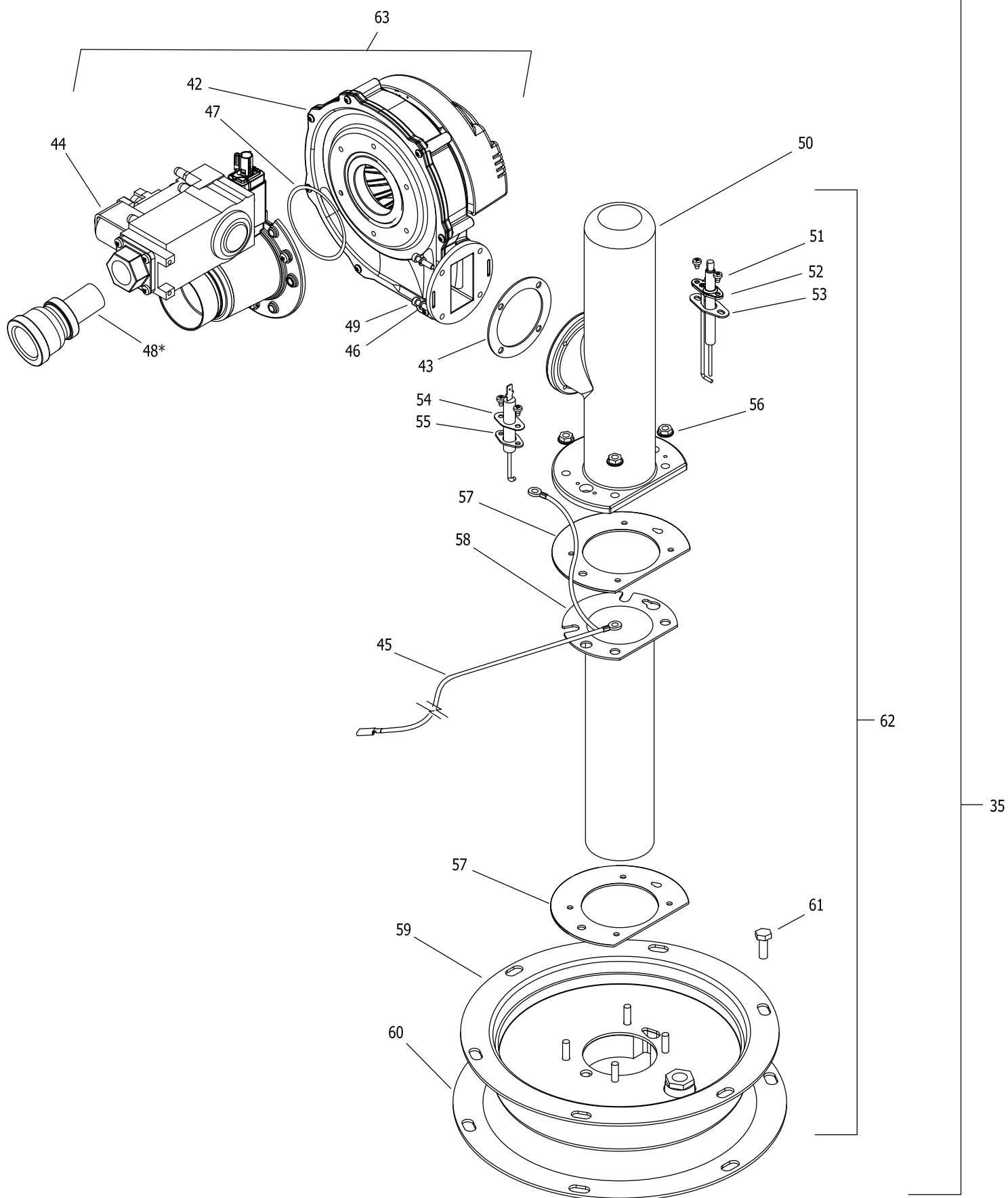


Item	Description	Model
		EF120T4003N
1	Surround with Latches	239-53581-00
2	Jacket Head	239-53427-00
3	Hex Nut Flange 1/4-20	239-53848-00
4	Cone Washer	239-53773-00
5	T-Washer	239-53854-00
6	Exhaust Collector	239-53037-00
7	Baffle 4" Flue (1 req'd)	239-53876-00
8	Baffle 5" Flue (2 req'd)	239-53308-00
9	Baffle 2" Flue (19 Req'd)	239-45658-00
10	Sensor Well	233-46558-01
11	Top Outlet Nipple	229-40913-01
12	Power Anode (2 req'd)	224-53839-00
13	T&P Valve	415-33630-04
14	T&P Nipple	415-50053-02
15	Front Outlet Nipple	229-40913-02
16	Control Display Assembly	SEE PAGE 6
17	Cleanout Cover Access	243-20299-00
18	Screw 5/16 - 18 x 3/4 (5 req'd)	239-32970-00
19	Cleanout Cover ▲	205-18428-00
20	Cleanout Cover (ASME) ▲ ▲	205-32941-00
21	Cleanout Gasket ▲	205-18427-00
22	Cleanout Gasket (ASME) ▲ ▲	205-32942-00
23	Inlet Diptube	229-53188-00
24	Exhaust Pressure Switch	415-46037-01
25	Pressure Switch Cover	239-80281-03
26	Kit-Transition Gasket*	415-54236-00
27	Exhaust Limit Switch*	415-43238-03
28	Exhaust Transition Kit	415-54376-00
29	Service Door Right	239-53487-00
30	Exhaust Coupler	415-53384-00
31	Condensate Elbow	415-53041-00
32	Condensate Coupler	415-53385-00
33	Drain Valve	415-48070-02
34	Service Door Left	239-53486-00
35	Burner Assembly (Specify Model)	SEE PAGE 4
36	Control Panel Assembly	SEE PAGE 6
37	Thermostatic Mixing (Optional)	239-51778-00
38	Intake/Exhaust Vent Terminals	239-53455-00
39	BMS Gateway Kit	415-53943-00
40	Spark Generator	415-54000-00
41	Kit-Cleanout (Not For Use With ASME Tanks) ▲	415-54256-00
82	Common Venting Kit - PVC	415-54698-00
	Common Venting Kit - Polypro	415-54706-00

*Included with item 28, Exhaust transition kit.

▲ For non ASME models with serial numbers PRIOR to WJ

▲ ▲ For all models with serial numbers AFTER and including WJ



Item	Description	Model EF120T4003N
35	Assy-Complete Combustion System*	265-53482-01
42	Blower w/Gasket	415-54728-00
43	Blower Transition Gasket	239-43241-00
44	Venturi & Gas Valve Assembly	265-53478-01
45	Ground Wire	239-51994-00
46	Washer - #10 Lockwasher (4 Req'd)	239-18461-00
47	Venturi Gasket ◇	239-51397-00
48	Gas Piping assembly*	243-53497-00
49	Screw 10-32 x .75 Skt Head Cap (4 Req'd)	239-43273-00
50	Transition Tube Blower to Burner	239-52974-00
51	Screw - #8-32 x 1/4 (4 Req'd)	239-43272-00
52	Spark Rod	233-53078-00
53	Gasket Spark Rod	239-43370-00
54	Flame Sensor w/Gasket	415-43232-00
55	Gasket Flame Sensor	239-43371-00
56	Nut Hex Washer 1/4-20 Serrated(4 req'd for Trans Tube)	239-43297-00
57	Gasket Burner (2 Req'd)●	239-54054-00
58	Burner w/Gasket	415-53033-00
59	Burner Mounting Assembly	239-53027-00
60	Combustion Assembly Gasket	239-53445-00
61	Screw 5/16-18 x 3/4 (5 Req'd)	239-32970-00
62	Burner Assembly *	265-53476-00
63	Blower and Gas Valve Assembly *	265-53480-01

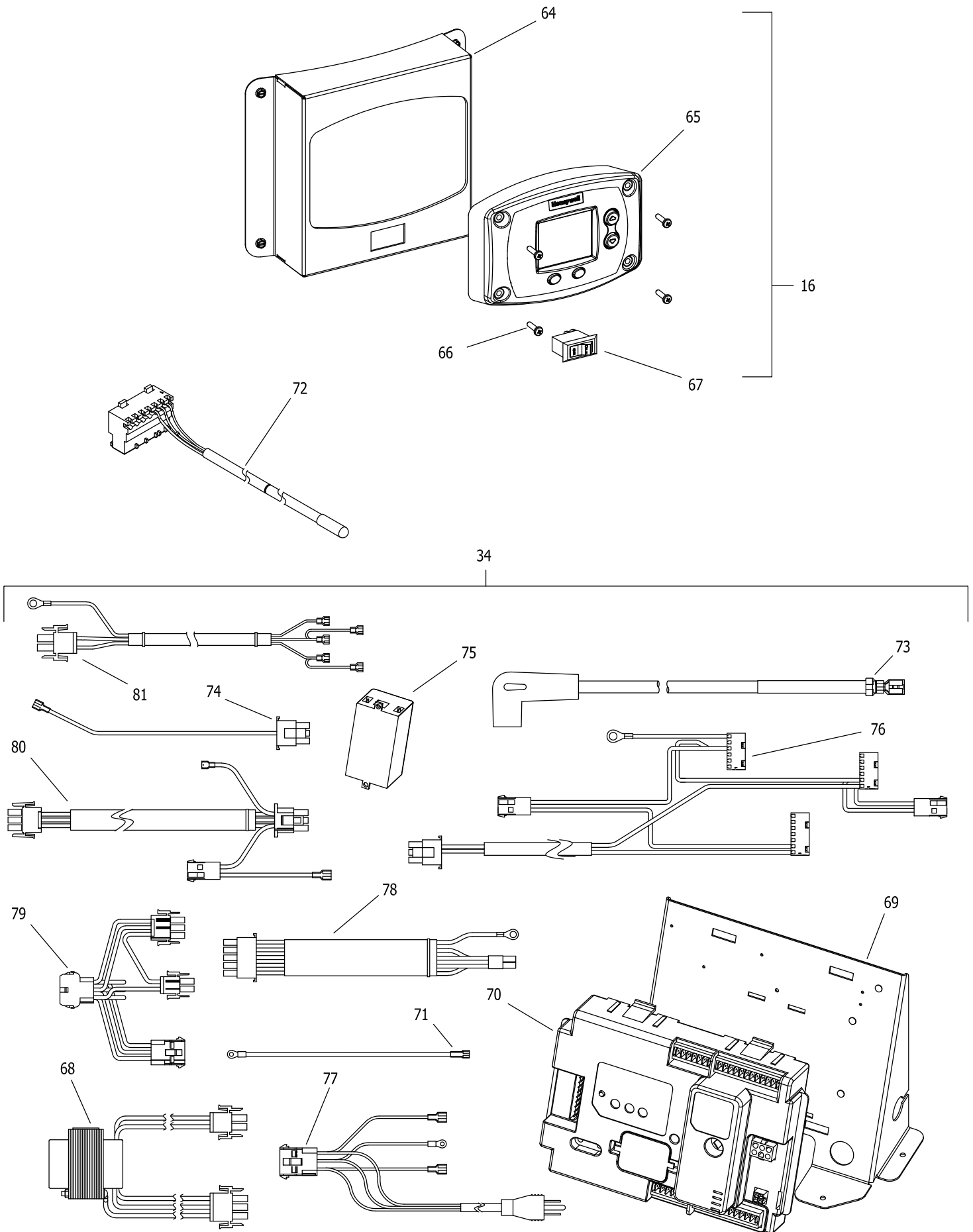
* Ordering a complete assembly may increase delivery time.

Please order the specific component required for the quickest delivery.

◇ Included with Item 42 & 44

● Included with Items 58 & 62

* To be purchased separately

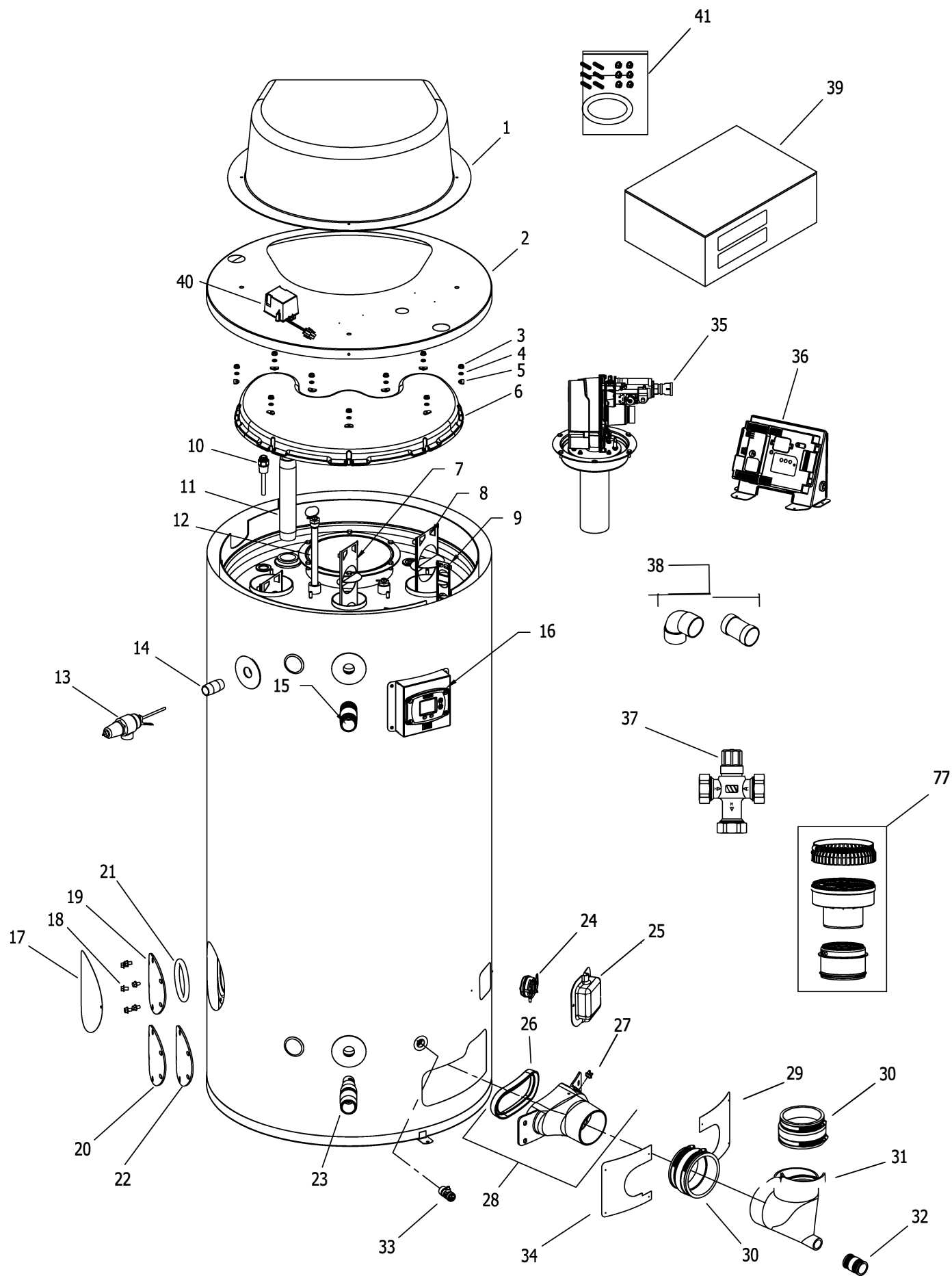


Item	Description	Model EF120T4003N
16	Display Assembly	243-51213-00
36	Control Panel Assembly ▲	243-53474-01
	Control Panel Assembly ▲	243-53474-02
64	Display Mount	239-50508-00
65	Control Display-Resideo Integrated Control*	415-48231-00
66	Screw-#8-18 X .75 for Control Display (4 req'd)	239-41104-00
67	Main Power Switch	239-50586-00
68	Transformer 120V to 24V	233-50559-00
69	Control Panel	239-50514-00
70	Control Board Module SOLA ▲	415-53470-00
	Control Board Module SOLA ▲ ▲	415-53885-00
71	Ground Wire	239-38951-91
72	T-Stat Sensor Harness	239-53458-00
73	High Voltage Spark Cable ▲	239-50887-00
74	Flame Sensor Wire	239-48237-00
75	Blower Modulation Harness	239-48170-00
76	Ignition Control Harness ▲	239-53460-00
77	Power Cord Harness	239-53464-00
78	Power Anode Module	239-46229-00
79	Power Switch Harness	239-53459-00
80	Blower Power Harness ▲	239-53465-00
81	Gas Valve Harness	239-53461-00

▲ For model serial #'s beginning with SM through WF.

▲ ▲ For model serial #'s beginning with WG through WM.

Please order the specific component required for the quickest delivery.

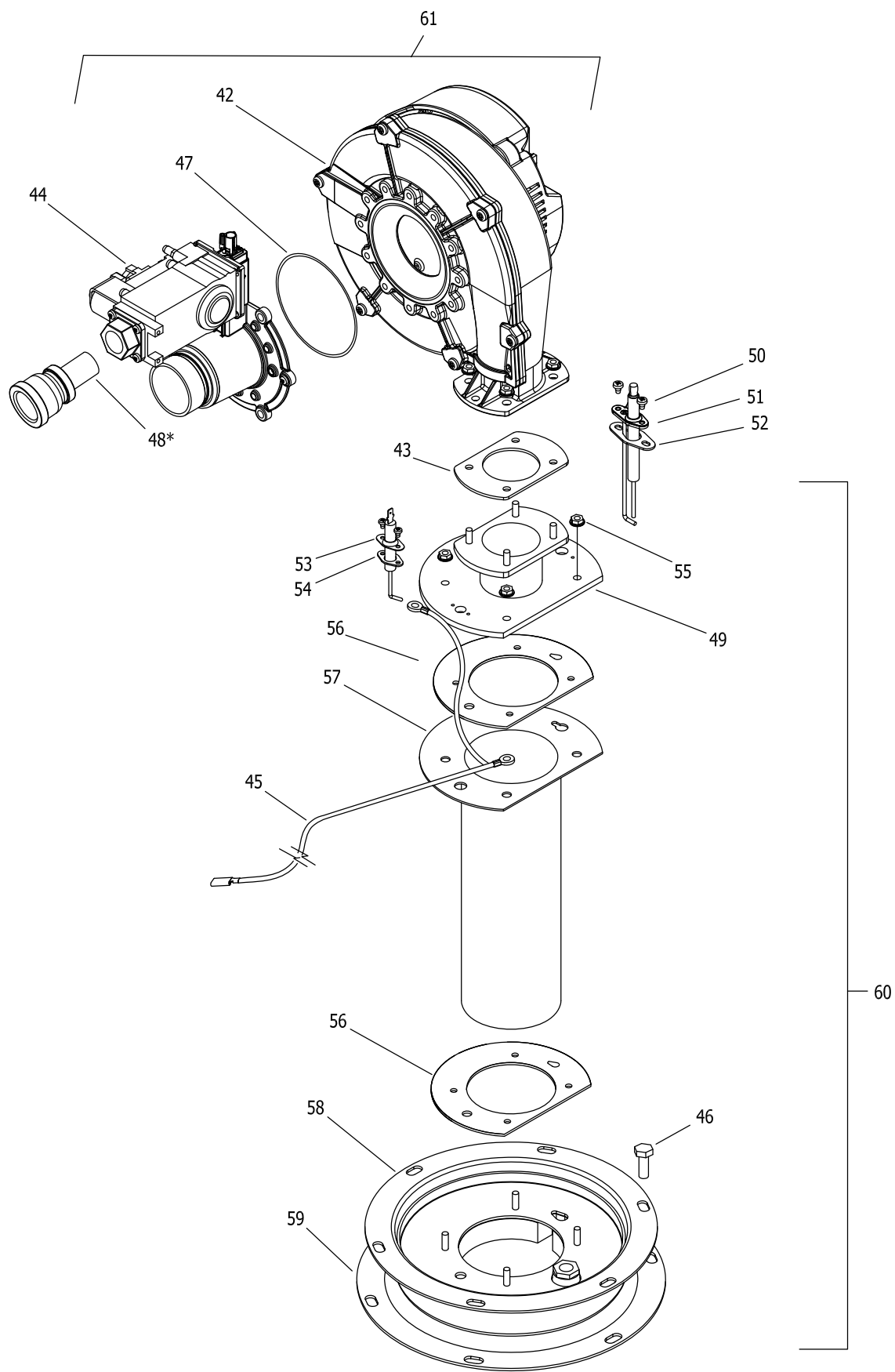


Item	Description	Model
		EF120T5003N
1	Surround with Latches	239-53581-00
2	Jacket Head	239-53427-00
3	Hex Nut Flange 1/4-20	239-53848-00
4	Cone Washer	239-53773-00
5	T-Washer	239-53854-00
6	Exhaust Collector	239-53037-00
7	Baffle 4" Flue (1 req'd)	239-53876-00
8	Baffle 5" Flue (2 req'd)	239-53308-00
9	Baffle 2" Flue (19 Req'd)	239-45658-00
10	Sensor Well	233-46558-01
11	Top Outlet Nipple	229-40913-01
12	Power Anode (2 req'd)	224-53839-00
13	T&P Valve	415-33630-04
14	T&P Nipple	415-50053-02
15	Front Outlet Nipple	229-40913-02
16	Control Display Assembly	SEE PAGE 12
17	Cleanout Cover Access	243-20299-00
18	Screw 5/16 - 18 x 3/4 (5 req'd)	239-32970-00
19	Cleanout Cover ▲	205-18428-00
20	Cleanout Cover (ASME) ▲ ▲	205-32941-00
21	Cleanout Gasket ▲	205-18427-00
22	Cleanout Gasket (ASME) ▲ ▲	205-32942-00
23	Inlet Driptube	229-53188-00
24	Exhaust Pressure Switch	415-46037-01
25	Pressure Switch Cover	239-80281-03
26	Kit-Transition Gasket*	415-54236-00
27	Exhaust Limit Switch*	415-43238-03
28	Exhaust Transition Kit	415-54376-00
29	Service Door Right	239-53487-00
30	Exhaust Coupler	415-53384-00
31	Condensate Elbow	415-53041-00
32	Condensate Coupler	415-53385-00
33	Drain Valve	415-48070-02
34	Service Door Left	239-53486-00
35	Burner Assembly (Specify Model)	SEE PAGE 10
36	Control Panel Assembly (Specify Model)	SEE PAGE 12
	Control Panel Assembly (Specify Model)	SEE PAGE 12
37	Thermostatic Mixing (Optional)	239-51778-00
38	Intake/Exhaust Vent Terminals	239-53455-00
39	BMS Gateway Kit	415-53943-00
40	Spark Generator	415-54000-00
41	Kit-Cleanout (Not For Use With ASME Tanks) ▲	415-54256-000
77	Common Venting Kit - PVC	415-54698-00
	Common Venting Kit - Polypro	415-54706-00

*Included with item 26, Exhaust transition kit.

▲ For non ASME models with serial numbers PRIOR to WJ

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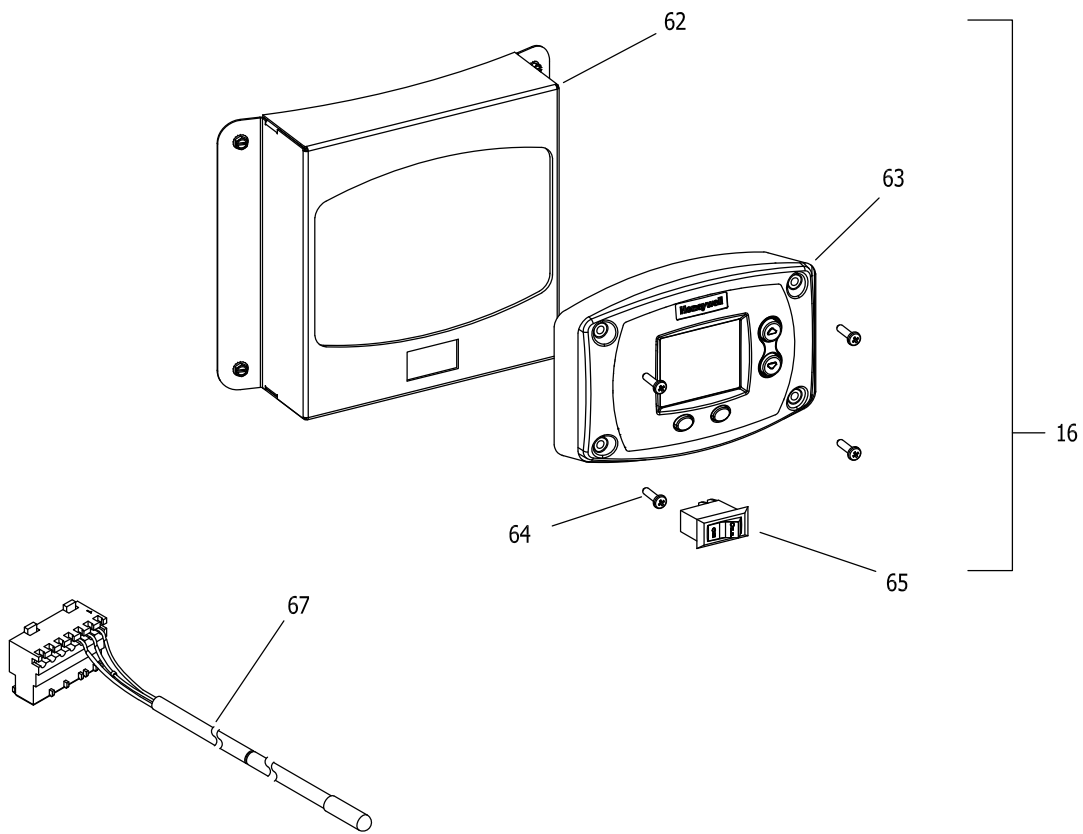
Item	Description	Model EF120T5003N
35	Assy-Complete Combustion System*	265-53483-01
42	Blower w/Gasket	415-53065-00
43	Blower Transition Gasket	239-53444-00
44	Venturi & Gas Valve Assembly	265-53479-01
45	Ground Wire	239-53462-00
46	Screw 5/16-18 x 3/4 (5 Req'd)	239-32970-00
47	Venturi Gasket ◇	239-53064-00
48	Gas Piping assembly*	243-53497-00
49	Transition Tube Blower to Burner	239-53088-00
50	Screw - #8-32 x 1/4 (4 Req'd)	239-43272-00
51	Spark Rod	233-53079-00
52	Gasket Spark Rod	239-43370-00
53	Flame Sensor w/Gasket	415-53438-00
54	Gasket Flame Sensor	239-43371-00
55	Nut Hex Washer 1/4-20 serrated (4 req'd for Trans Tube)	239-43297-00
56	Gasket Burner (2 Req'd)●	239-54055-00
57	Burner w/Gasket	265-53399-00
58	Burner Mounting Assembly	239-53028-00
59	Combustion Assembly Gasket	239-53445-00
60	Burner Assembly *	265-53477-00
61	Blower and Gas Valve Assembly *	265-53481-01

* Ordering a complete assembly may increase delivery time. Please order the specific component required for the quickest delivery.

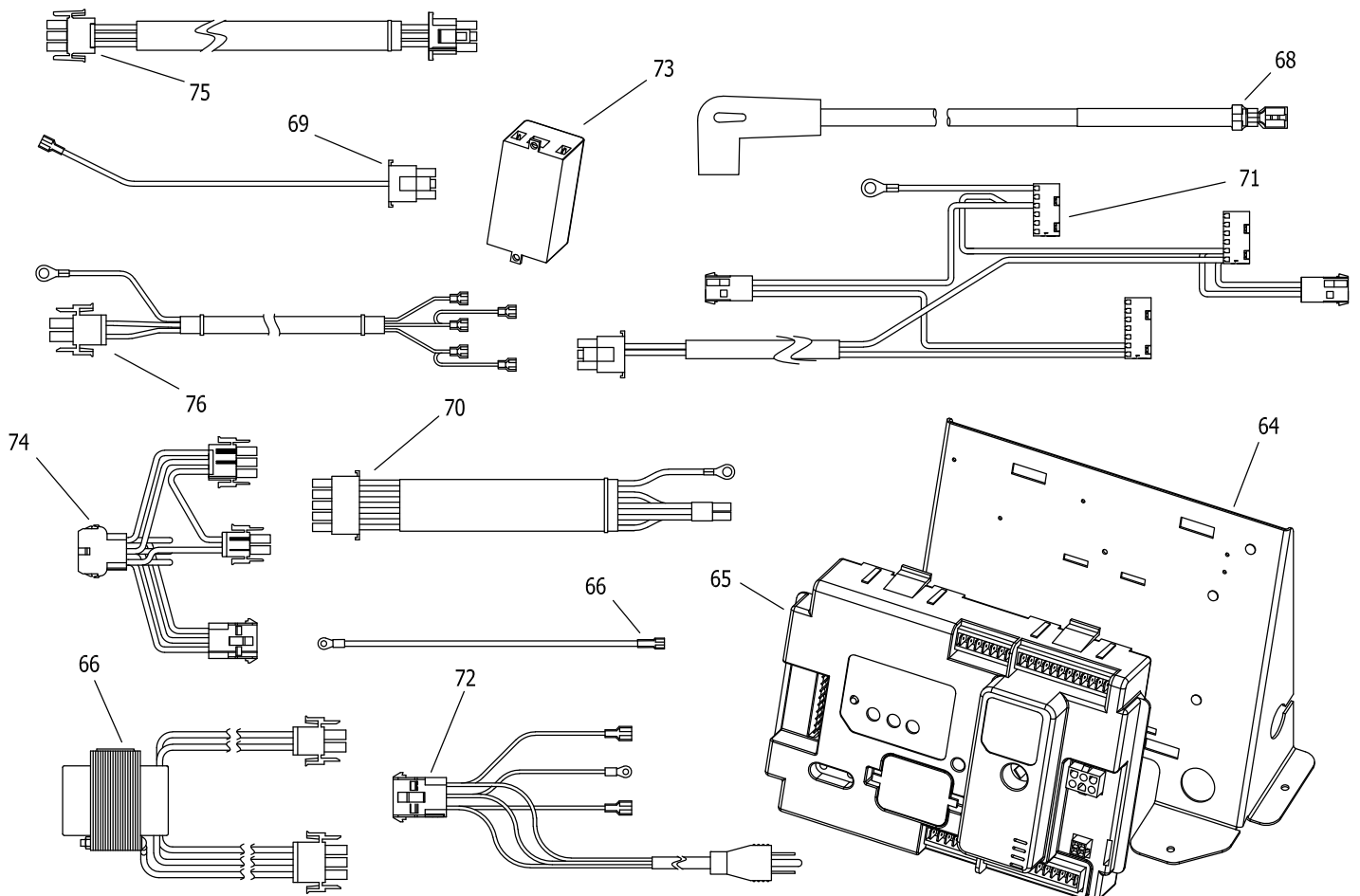
◇ Included with Item 42 & 44

● Included with Items 57 & 60

* To be purchased separately



34



Item	Description	Model EF120T5003N
16	Display Assembly	243-51213-00
34	Control Panel Assembly ▲	243-53474-01
	Control Panel Assembly ▲▲	243-53474-02
62	Display Mount	239-50508-00
63	Control Display-Resideo Integrated Control ▲	415-48231-00
64	Screw-#8-18 X .75 for Control Display (4 req'd)	239-41104-00
65	Main Power Switch	239-50586-00
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72	Power Cord Harness	239-53464-00
73	Power Anode Module	239-46229-00
74	Power Switch Harness	239-53459-00
75	Blower Power Harness ▲	239-53465-00
76	Gas Valve Harness	239-53461-00

▲ For model serial #'s beginning with SM through WF.

▲▲ For model serial #'s beginning with WG through WM.

Please order the specific component required for the quickest delivery.



United States

Sales 800-523-2931

Technical Support 800-334-3393

Email techserv@bradfordwhite.com

Warranty 800-531-2111

Email warranty@bradfordwhite.com

Service Parts 800-538-2020

Email parts@bradfordwhite.com

Canada

Sales & Technical Support 866-690-0961 905-203-0600

Fax 905-636-0666

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Orders ca.orders@bradfordwhite.com

For U.S. and Canada field service,
contact your professional installer or
local Bradford White sales representative.

International

General Contact international@bradfordwhite.com