



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

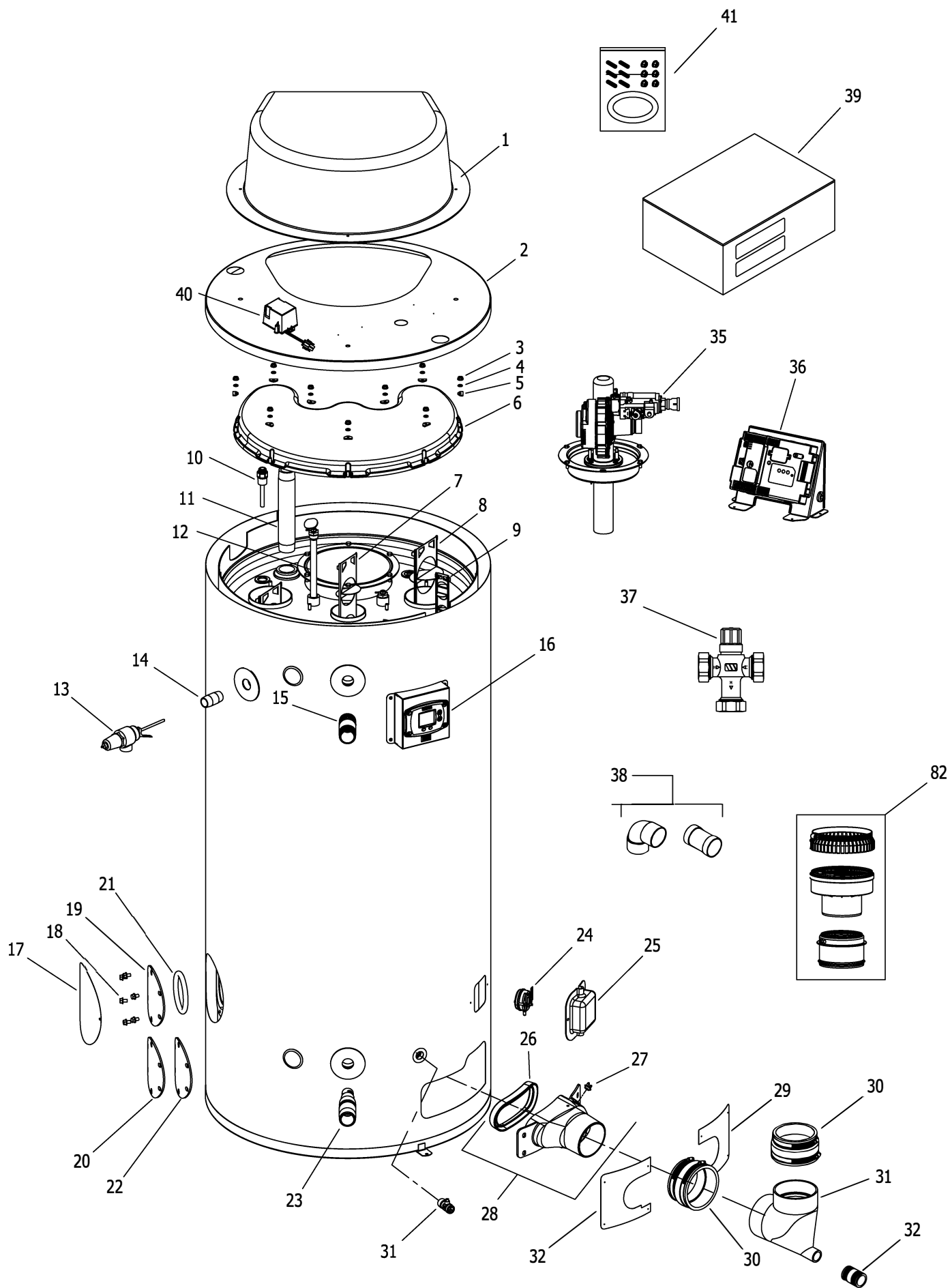
Effective: April, 2023
ECO 8577

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.

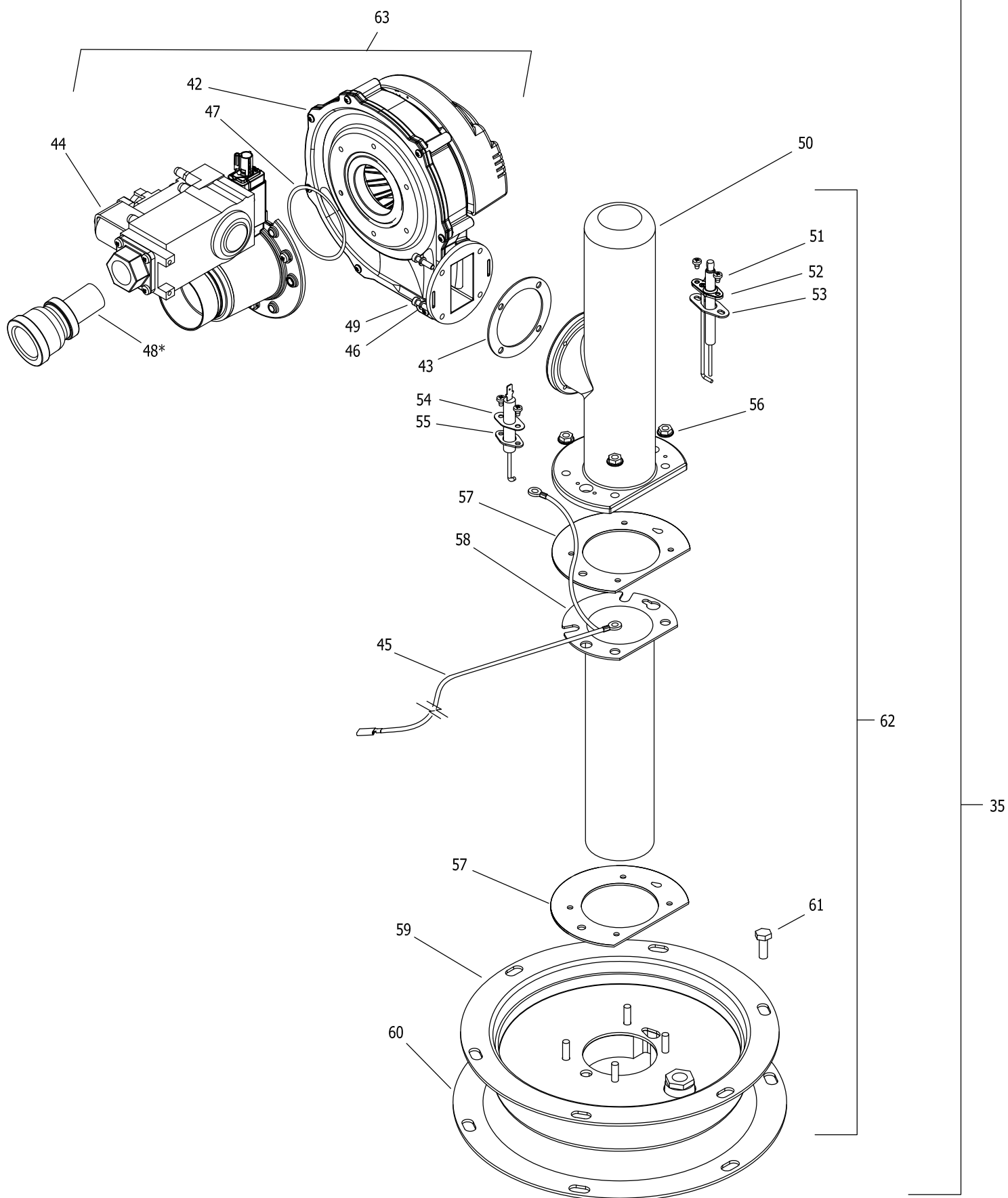


Item	Description	Model
		EF120T4003N
1	Surround with Latches	239-53581-00
2	Jacket Head	239-53427-00
3	Hex Nut Flange 1/4-20	239-53848-00
4	Cone Washer	239-53773-00
5	T-Washer	239-53854-00
6	Exhaust Collector	239-53037-00
7	Baffle 4" Flue (1 req'd)	239-53876-00
8	Baffle 5" Flue (2 req'd)	239-53308-00
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 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 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

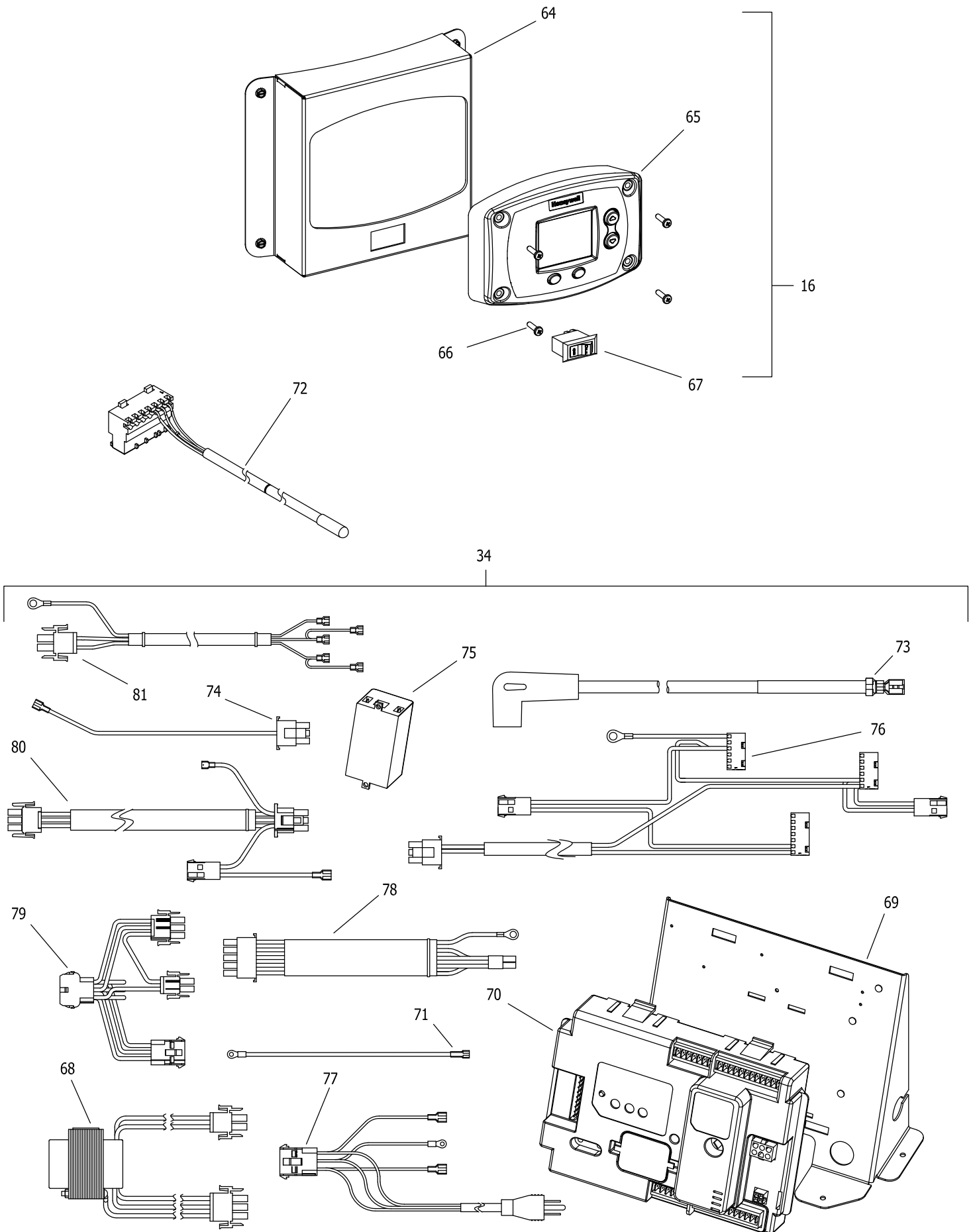
* Ordering a complete assembly may increase delivery time.

Please order the specific component required for the quickest delivery.

◇ Included with Item 42 & 44

● Included with Items 58 & 62

* To be purchased separately

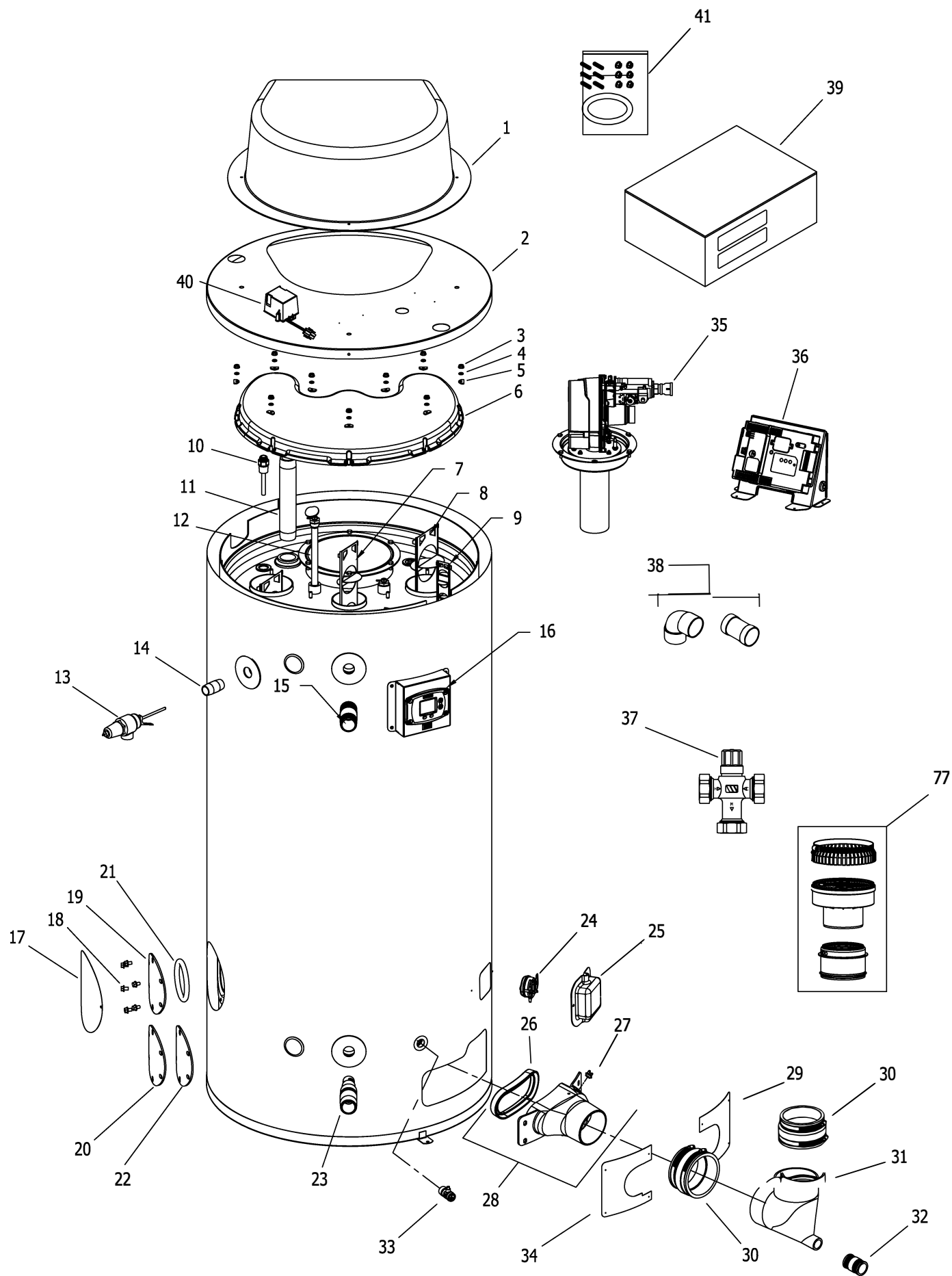


Item	Description	Model EF120T4003N
16	Display Assembly	243-51213-00
36	Control Panel Assembly ▲	243-53474-01
	Control Panel Assembly ▲	243-53474-02
64	Display Mount	239-50508-00
65	Control Display-Resideo Integrated Control*	415-48231-00
66	Screw-#8-18 X .75 for Control Display (4 req'd)	239-41104-00
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

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

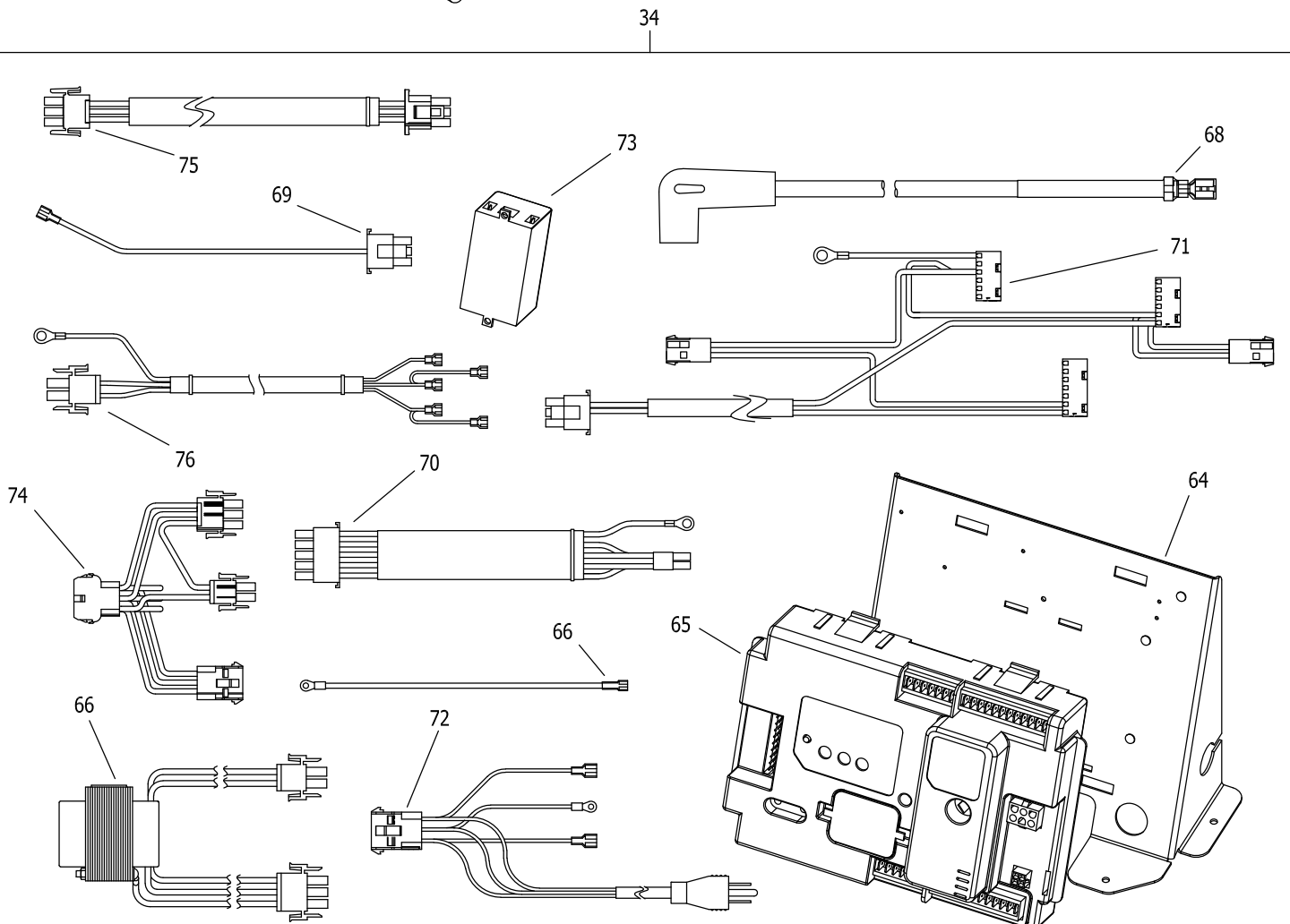
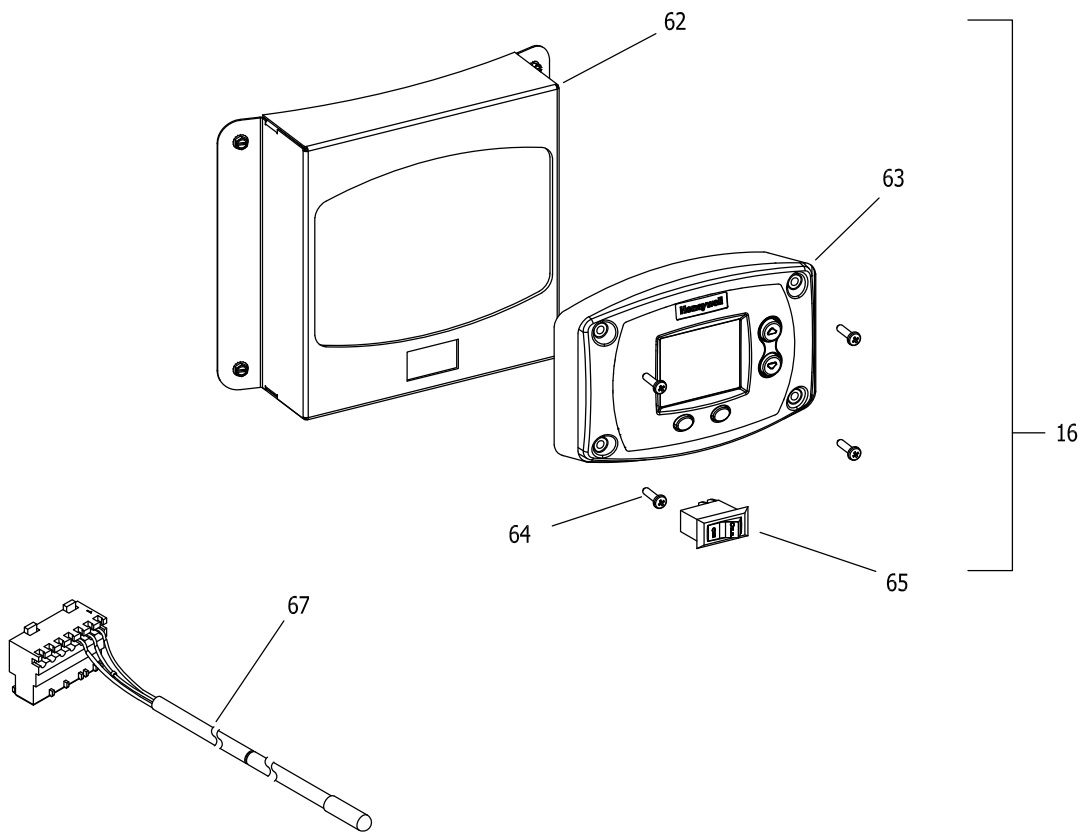
Item	Description	Model EF120T5003N
35	Assy-Complete Combustion System*	265-53483-01
42	Blower w/Gasket	415-53065-00
43	Blower Transition Gasket	239-53444-00
44	Venturi & Gas Valve Assembly	265-53479-01
45	Ground Wire	239-53462-00
46	Screw 5/16-18 x 3/4 (5 Req'd)	239-32970-00
47	Venturi Gasket ◇	239-53064-00
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



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
63	Transformer 120V to 24V	233-50559-00
64	Control Panel	239-50514-00
65	Control Board Module SOLA ▲	415-53470-00
	Control Board Module SOLA ▲▲	415-53885-00
66	Ground Wire	239-38951-91
67	T-Stat Sensor Harness	239-53458-00
68	High Voltage Spark Cable ▲	239-50887-00
69	Flame Sensor Wire	239-48237-00
70	Blower Modulation Harness	239-48170-00
71	Ignition Control Harness ▲	239-53460-00
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

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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