



COMMERCIAL GAS REPLACEMENT PARTS LIST

High Efficiency Commercial Gas Series



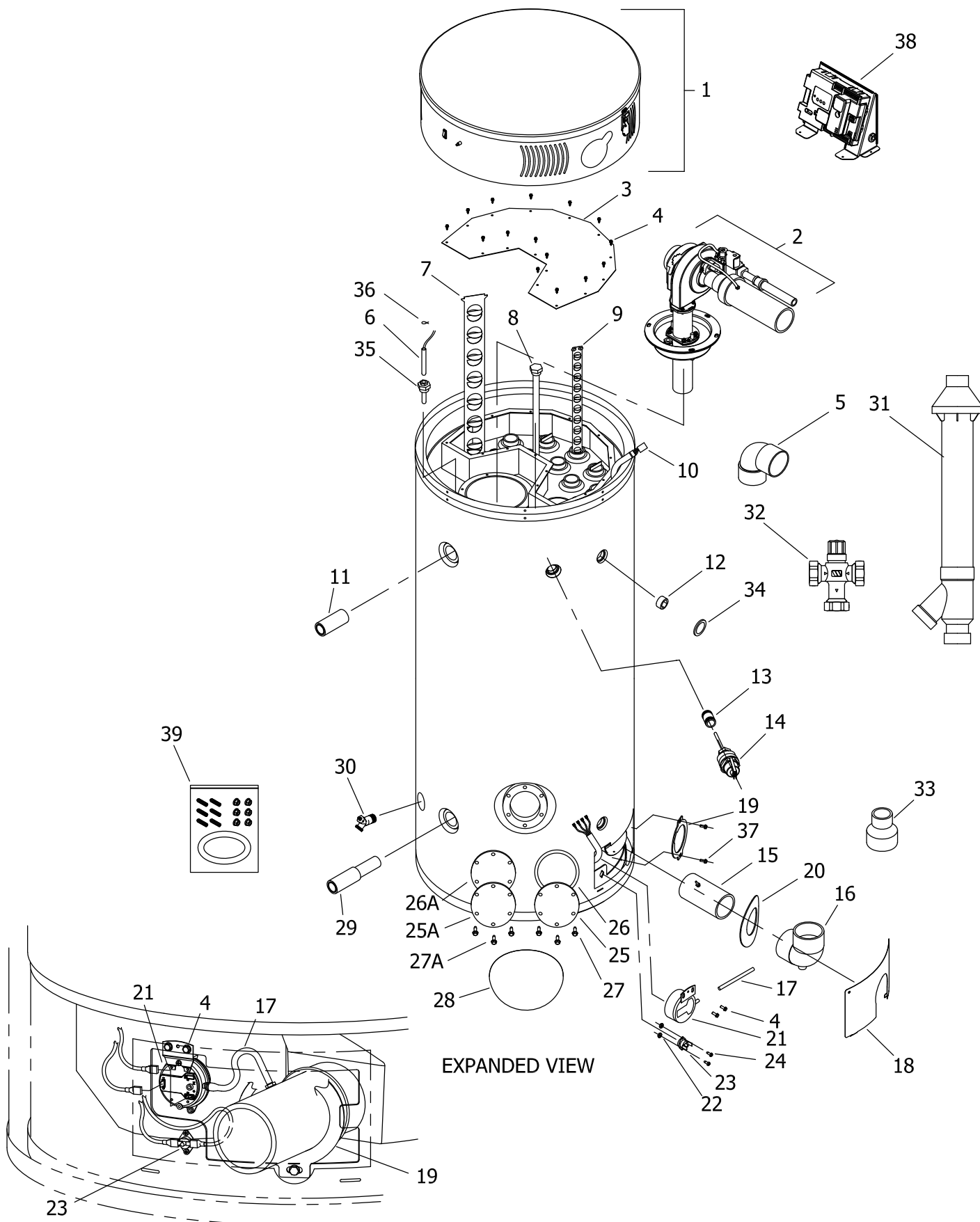
Models Covered:
EF60T(125,150,199)(E*N)(*X)(A)2
EF100T(150,199,250,300) (E*N)(*X)(A)2
(Serial Number XC47471117 and After)

Includes Hydrojet® Total
Performance System

Effective: February, 2023
ECO 8577

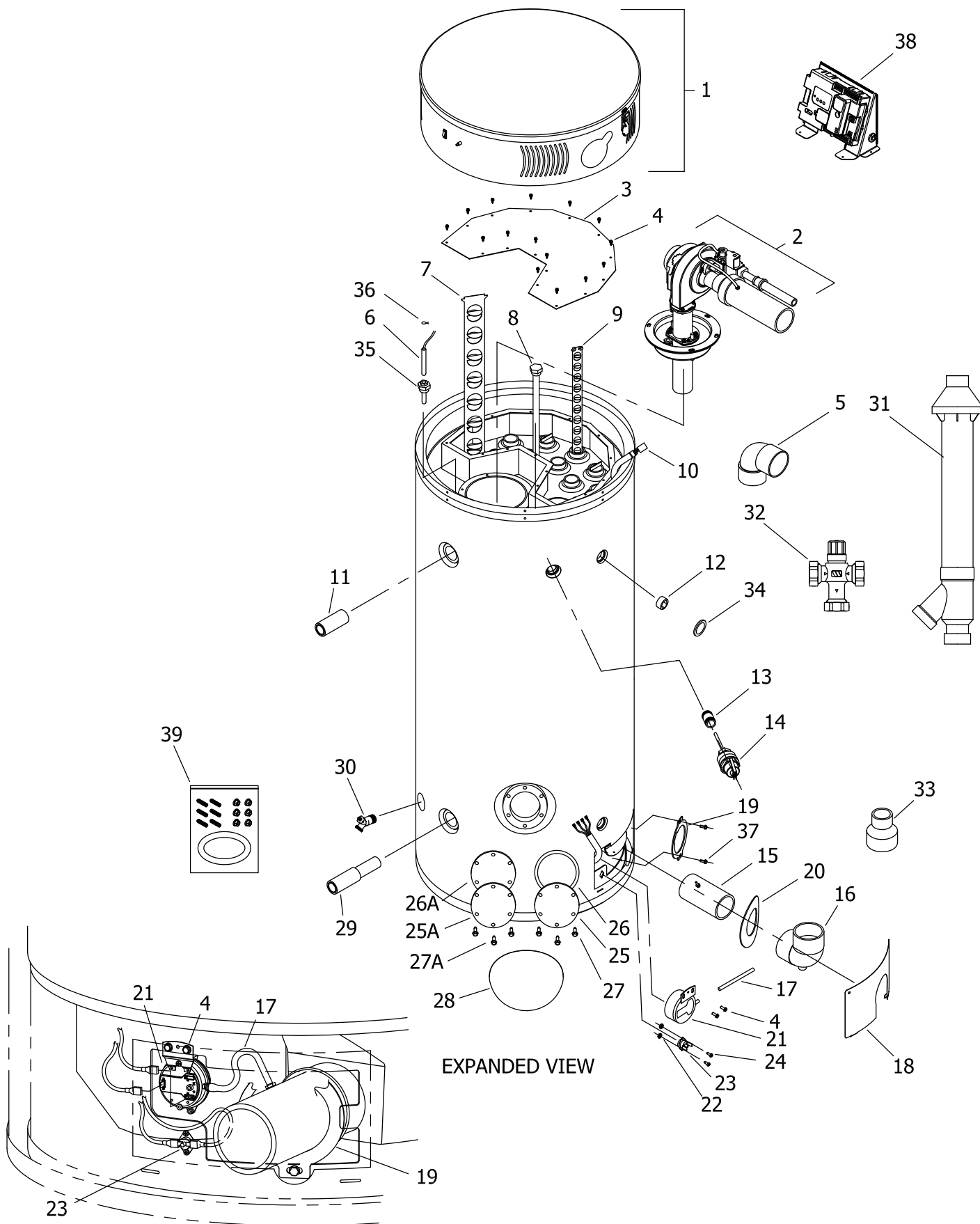
**NOTE: BOTH MODEL AND SERIAL
NUMBERS ARE REQUIRED FOR
ORDERING REPLACEMENT PARTS**

Dimensions and specifications
subject to change without notice.



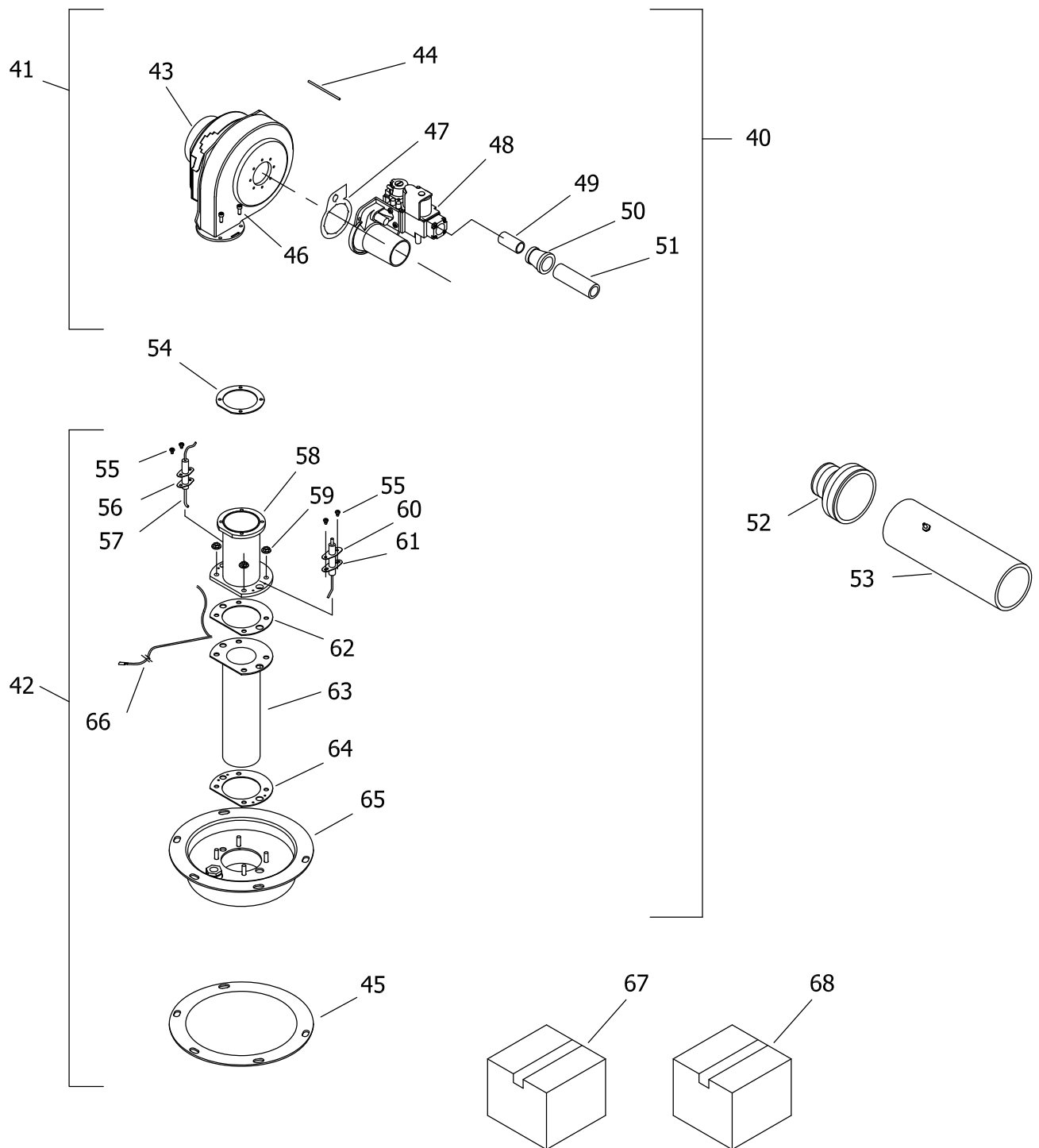
Item	Description	Model	Model	Model
		EF60T125(E)*(N,X)(A)2	EF60T150(E)*(N,X)(A)2	EF60T199(E)*(N,X)(A)2
1	Combustion Surround Assembly	See Page 10	See Page 10	See Page 10
2	Combustion System Assembly	See Page 6	See Page 6	See Page 6
3	Collector Cover Second Pass	239-52975-00	239-52975-00	239-52975-00
4	Screw 10-16 x 3/4	239-44444-00	239-44444-00	239-44444-00
5	Elbow-Vent Terminal (2 Req'd)	---	---	---
	Elbow-Vent Terminal	415-40579-00	415-40579-00	415-40579-00
	Coupling-Vent Terminal	239-46740-00	239-46740-00	239-46740-00
6	Temperature Sensor	415-46553-02	415-46553-02	415-46553-02
7	Baffle 4" Flue (2 Req'd)	243-43304-00	243-43304-00	243-43304-00
8	Anode Rod (Powered) (2 Req'd)#	224-53839-00	224-53839-00	224-53839-00
9	Baffle 2" Flue (8 Req'd)	239-45659-00	239-45659-00	239-45659-00
10	Wire Harness-Service Panel	239-43358-02	239-43358-02	239-43358-02
11	Nipple Hot Water Outlet Plastisert (Front Connect)	229-40913-07	229-40913-07	229-40913-07
12	Pipe Plug 1" NPT	239-02048-00	239-02048-00	239-02048-00
13	Nipple Plastisert T&P	229-32762-02	229-32762-02	229-32762-02
14	T&P Relief Valve	415-30246-00	415-30246-00	415-30246-00
15	Exhaust Vent Pipe	239-45971-00	239-45971-00	239-45971-00
16	Condensate Elbow	415-43211-00	415-43211-00	415-43211-00
17	Silicone Tubing 3/16" I.D.	239-41718-00	239-41718-00	239-41718-00
18	Outer Door Service Panel	243-44668-00	243-44668-00	243-44668-00
19	Bracket Exhaust Support	239-44667-00	239-44667-00	239-44667-00
20	Escutcheon-Exhaust Pipe (EF Series)	239-43997-00	239-43997-00	239-43997-00
21	Exhaust Pressure Switch	415-46037-01	415-46037-01	415-46037-01
22	Keps Nut (2 Req'd)	239-81844-00	239-81844-00	239-81844-00
23	Hi-Limit Switch	415-43238-02	415-43238-02	415-43238-02
24	Screw 6-32 x 3/8 (2 Req'd)	239-81843-00	239-81843-00	239-81843-00
25	Cleanout Cover	205-18428-00	205-18428-00	205-18428-00
25A	Cleanout Cover (ASME)	205-32941-00	205-32941-00	205-32941-00
26	Cleanout Gasket	205-18427-00	205-18427-00	205-18427-00
26A	Cleanout Gasket (ASME)	205-32942-00	205-32942-00	205-32942-00
27	Screw 5/16 - 18 x 1/2	239-82166-00	239-82166-00	239-82166-00
27A	Screw 5/16 - 18 x 1/2 (ASME) (6 Req'd)	239-32970-00	239-32970-00	239-32970-00
28	Clean Out Access Cover	243-20299-00	243-20299-00	243-20299-00
29	Dip Tube w/ Nipple Hydrojet (Front Connect)	415-44375-00	415-44375-00	415-44375-00
30	Drain Valve Brass (No Handle)	415-42351-02	415-42351-02	415-42351-02
31	Coaxial Vent Pipe with Terminal (Optional)	415-44069-01	415-44069-01	415-44069-01
32	Approved Mixing Valve (Optional)	239-51778-00	239-51778-00	239-51778-00
33	Reducer 3" x 2"	---	---	---
34	Hole Closure	239-31547-02	239-31547-02	239-31547-02
35	Sensor Well	233-46558-01	233-46558-01	233-46558-01
36	Clip Thermostat	233-45242-00	233-45242-00	233-45242-00
37	Screw 1/4-20 x 5/8 Hex Washer (2 Req'd)	239-42637-00	239-42637-00	239-42637-00
38	ICON Control Box and Wiring	243-54158-00	243-54158-00	243-54158-00
39	Kit-Cleanout (Not For Use With ASME Tanks)	415-54256-00	415-54256-00	415-54256-00

* Applies to all warranties



Item	Description	Model	Model	Model	Model
		EF100T150(E)*(N,X)(A)2	EF100T199(E)*(N,X)(A)2	EF100T250(E)*(N,X)(A)2	EF100T300(E)*(N,X)(A)2
1	Combustion Surround Assembly	See Page 12	See Page 12	See Page 12	See Page 12
2	Combustion System Assembly	See Page 8	See Page 8	See Page 8	See Page 8
3	Collector Cover Second Pass	239-52975-00	239-52975-00	239-52975-00	239-52975-00
4	Screw 10-16 x 3/4	239-44444-00	239-44444-00	239-44444-00	239-44444-00
5	Elbow-Vent Terminal (2 Req'd)	---	---	---	---
	Elbow-Vent Terminal	415-40579-00	415-40579-00	415-40579-00	415-40579-00
	Coupling-Vent Terminal	239-46740-00	239-46740-00	239-46740-00	239-46740-00
6	Temperature Sensor	415-46553-02	415-46553-02	415-46553-02	415-46553-02
7	Baffle 4" Flue (2 Req'd)	---	243-43304-00	243-43304-00	243-43304-00
8	Anode Rod (Powered) (2 Req'd)#	224-53839-00	224-53839-00	224-53839-00	224-53839-00
9	Baffle 2" Flue (8 Req'd)	239-45658-00	239-45658-00	239-45658-00	239-45658-00
10	Wire Harness-Service Panel	239-43358-01	239-43358-01	239-43358-01	239-43358-01
11	Nipple Hot Water Outlet Plastisert (Front Connect)	229-40913-07	229-40913-07	229-40913-07	229-40913-07
12	Pipe Plug 1" NPT	239-02048-00	239-02048-00	239-02048-00	239-02048-00
13	Nipple Plastisert T&P	229-32762-02	229-32762-02	229-80982-00	229-80982-00
14	T&P Relief Valve	415-30246-00	415-30246-00	415-33630-04	415-33630-04
15	Exhaust Vent Pipe	239-45971-00	239-45971-00	239-45971-00	239-45971-00
16	Condensate Elbow	415-43211-00	415-43211-00	415-43211-00	415-43211-00
17	Silicone Tubing 3/16" I.D.	239-41718-00	239-41718-00	239-41718-00	239-41718-00
18	Outer Door Service Panel	243-44668-00	243-44668-00	243-44668-00	243-44668-00
19	Bracket Exhaust Support	239-44667-00	239-44667-00	239-44667-00	239-44667-00
20	Escutcheon-Exhaust Pipe (EF Series)	239-43997-00	239-43997-00	239-43997-00	239-43997-00
21	Exhaust Pressure Switch	415-46037-01	415-46037-01	415-46037-01	415-46037-01
22	Keps Nut (2 Req'd)	239-81844-00	239-81844-00	239-81844-00	239-81844-00
23	Hi-Limit Switch	415-43238-02	415-43238-02	415-43238-02	415-43238-02
24	Screw 6-32 x 3/8 (2 Req'd)	239-81843-00	239-81843-00	239-81843-00	239-81843-00
25	Cleanout Cover	205-18428-00	205-18428-00	205-18428-00	205-18428-00
25A	Cleanout Cover (ASME)	205-32941-00	205-32941-00	205-32941-00	205-32941-00
26	Cleanout Gasket	205-18427-00	205-18427-00	205-18427-00	205-18427-00
26A	Cleanout Gasket (ASME)	205-32942-00	205-32942-00	205-32942-00	205-32942-00
27	Screw 5/16 - 18 x 1/2	239-82166-00	239-82166-00	239-82166-00	239-82166-00
27A	Screw 5/16 - 18 x 1/2 (ASME) (6 Req'd)	239-32970-00	239-32970-00	239-32970-00	239-32970-00
28	Clean Out Access Cover	243-20299-00	243-20299-00	243-20299-00	243-20299-00
29	Dip Tube w/ Nipple Hydrojet (Front Connect)	415-44375-00	415-44375-00	415-44375-00	415-44375-00
30	Drain Valve Brass (No Handle)	415-42351-02	415-42351-02	415-42351-02	415-42351-02
31	Coaxial Vent Pipe with Terminal (Optional)	415-44069-01	415-44069-01	415-44069-01	415-44069-01
32	Approved Mixing Valve (Optional)	239-51778-00	239-51778-00	239-51778-00	239-51778-00
33	Reducer 3" x 2"	---	---	---	---
34	Hole Closure	239-31547-02	239-31547-02	239-31547-02	239-31547-02
35	Sensor Well	233-46558-01	233-46558-01	233-46558-01	233-46558-01
36	Clip Thermostat	233-45242-00	233-45242-00	233-45242-00	233-45242-00
37	Screw 1/4-20 x 5/8 Hex Washer (2 Req'd)	239-42637-00	239-42637-00	239-42637-00	239-42637-00
38	ICON Control Box and Wiring	243-54158-00	243-54158-00	243-54158-00	243-54158-00
39	Kit-Cleanout (Not For Use With ASME Tanks)	415-54256-00	415-54256-00	415-54256-00	415-54256-00

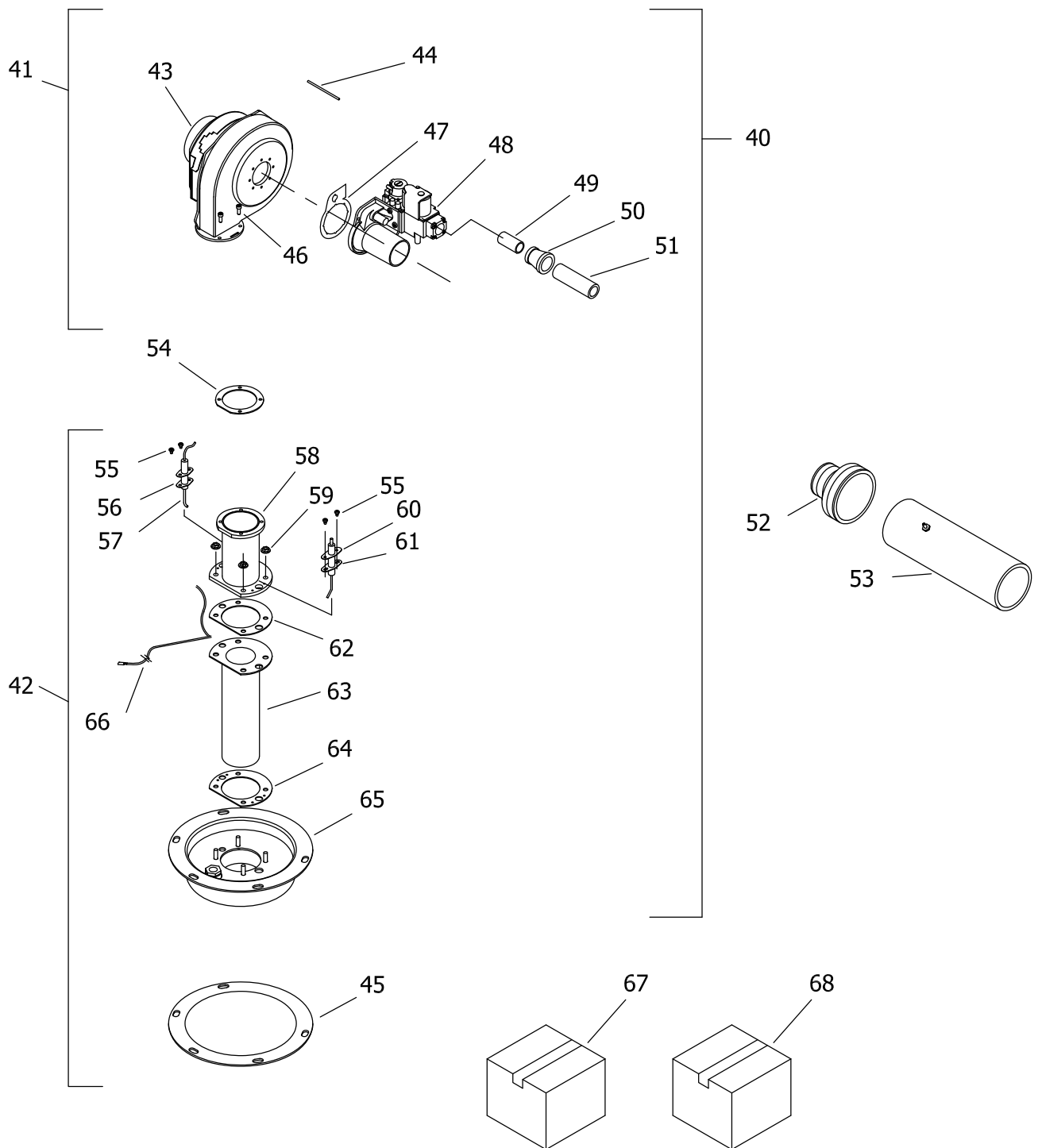
* Applies to all warranties



Item	Description	Model	Model	Model
		EF60T125(E)*(N,X)(A)2	EF60T150(E)*(N,X)(A)2	EF60T199(E)*(N,X)(A)2
40	Combustion System Assembly (Nat)	265-54043-01	265-54043-02	265-54043-03
	Combustion System Assembly (L.P.)	265-54043-08	265-54043-09	265-54043-10
41	Blower and Gas Valve Assembly (Nat)	265-54044-01	265-54044-02	265-54044-03
	Blower and Gas Valve Assembly (L.P.)	265-54044-08	265-54044-09	265-54044-10
42	Burner Assembly EF	265-46024-00	265-46024-00	265-46024-00
43	Blower	415-51225-00	415-51225-00	415-48922-00
44	Hose Tubing 3/16" I.D.	239-41718-00	239-41718-00	239-41718-00
45	Burner Mounting Insert Gasket**	239-43197-00	239-43197-00	239-43197-00
46	Screw 10-32 x 3/4 SHCS (4 Req'd)	239-43273-00	239-43273-00	239-43273-00
47	Gasket Venturi to Blower	239-44654-00	239-44654-00	239-44654-00
48	Gas Valve Assembly (Nat)	265-54040-01	265-54040-02	265-54040-03
	Gas Valve Assembly (L.P.)	265-54041-01	265-54041-02	265-54041-03
49	Nipple 1/2 NPT X 3"	239-37047-00	239-37047-00	239-37047-00
50	Reducer 3/4 x 1/2 NPT	239-04474-00	239-04474-00	239-04474-00
51	Nipple 3/4 NPT x 7"	239-43373-00	239-43373-00	239-43373-00
52	2" x 3" Dia. Flex Reducer	239-40902-00	239-40902-00	239-40902-00
53	Inlet Tube (PVC)	239-43364-01	239-43364-01	239-43364-01
54	Gasket Blower Transition	239-43241-00	239-43241-00	239-43241-00
55	Screw 8-32 x 1/4 RHCR (4 Req'd)	239-43272-00	239-43272-00	239-43272-00
56	Flame Sensor Gasket	239-43371-00	239-43371-00	239-43371-00
57	Flame Sensor W/ Gasket	415-43232-00	415-43232-00	415-43232-00
58	Blower Transition Weldment	239-43201-00	239-43201-00	239-43201-00
59	Nut Hex Washer (4 Req'd)	239-43297-00	239-43297-00	239-43297-00
60	Spark Rod (w/ Gasket)	415-46481-00	415-46481-00	415-46481-00
61	Spark Rod Gasket	239-43370-00	239-43370-00	239-43370-00
62	Burner Mounting Gasket	239-43246-00	239-43246-00	239-43246-00
63	Burner Tube Kit (w/ Gasket)	415-53033-00	415-53033-00	415-53033-00
64	Burner Mounting Gasket	239-43246-00	239-43246-00	239-43246-00
65	Burner Mounting Insert	239-43167-00	239-43167-00	239-43167-00
66	Ground Wire Assembly 24" Green	239-51994-00	239-51994-00	239-51994-00
67	Gas Regulator Kit (optional)	243-45517-00	243-45517-00	243-45517-00
68	LP to Natural Gas Conversion Kit	265-54048-03	265-54048-02	265-54048-01

* Applies to all warranties

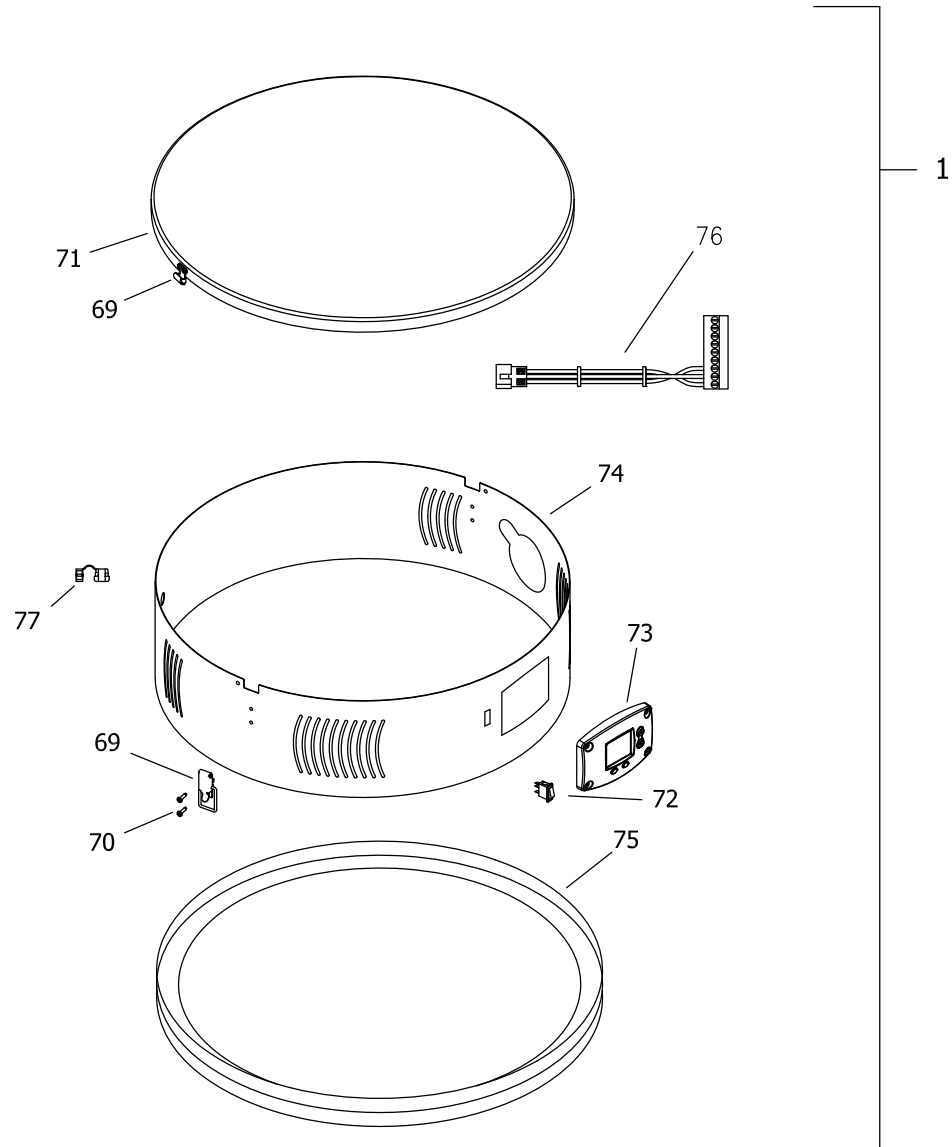
** Included with Item 42



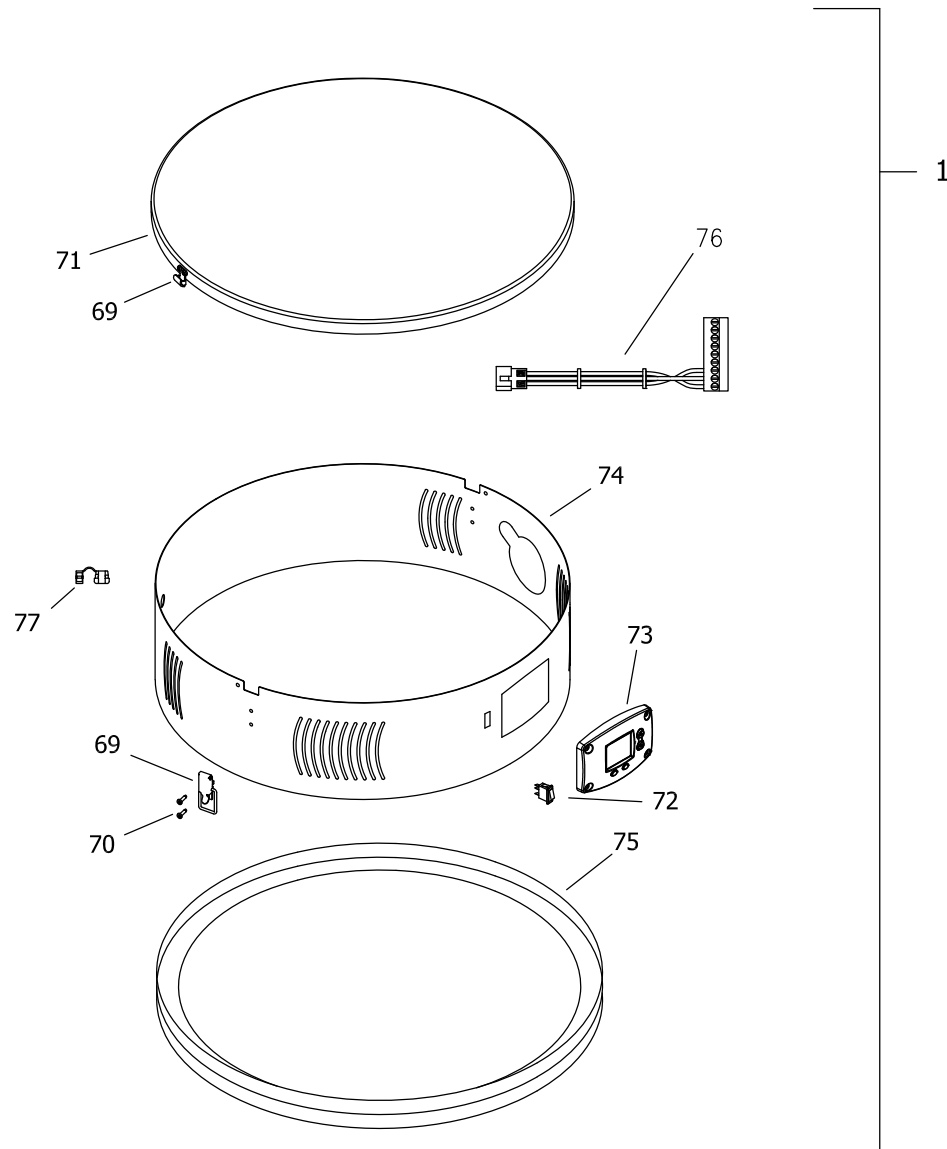
Item	Description	Model	Model	Model	Model
		EF100T150(E)*(N,X)(A)2	EF100T199(E)*(N,X)(A)2	EF100T250(E)*(N,X)(A)2	EF100T300(E)*(N,X)(A)2
40	Combustion System Assembly (Nat)	265-54043-04	265-54043-05	265-54043-06	265-54043-07
	Combustion System Assembly (L.P.)	265-54043-11	265-54043-12	265-54043-13	265-54043-14
41	Blower and Gas Valve Assembly (Nat)	265-54044-04	265-54044-05	265-54044-06	265-54044-07
	Blower and Gas Valve Assembly (L.P.)	265-54044-11	265-54044-12	265-54044-13	265-54044-14
42	Burner Assembly EF	265-46024-00	265-46024-00	265-46024-00	265-46024-00
43	Blower	415-51225-00	415-51428-00	415-51428-00	415-51428-00
44	Hose Tubing 3/16" I.D.	239-41718-00	239-41718-00	239-41718-00	239-41718-00
45	Burner Mounting Insert Gasket**	239-43197-00	239-43197-00	239-43197-00	239-43197-00
46	Screw 10-32 x 3/4 SHCS (4 Req'd)	239-43273-00	239-43273-00	239-43273-00	239-43273-00
47	Gasket Venturi to Blower	239-44654-00	239-44654-00	239-44654-00	239-44654-00
48	Gas Valve Assembly (Nat)	265-54040-04	265-54040-05	265-54040-06	265-54040-07
	Gas Valve Assembly (L.P.)	265-54041-04	265-54041-05	265-54041-06	265-54041-07
49	Nipple 1/2 NPT X 3"	239-37047-00	239-37047-00	239-37047-00	239-37047-00
50	Reducer 3/4 x 1/2 NPT	239-04474-00	239-04474-00	239-04474-00	239-04474-00
51	Nipple 3/4 NPT x 7"	239-43373-00	239-43373-00	239-43373-00	239-43373-00
52	2" x 3" Dia. Flex Reducer	239-40902-00	239-40902-00	239-40902-00	239-40902-00
53	Inlet Tube (PVC)	239-43364-01	239-43364-01	239-43364-01	239-43364-01
54	Gasket Blower Transition	239-43241-00	239-43241-00	239-43241-00	239-43241-00
55	Screw 8-32 x 1/4 RHCR (4 Req'd)	239-43272-00	239-43272-00	239-43272-00	239-43272-00
56	Flame Sensor Gasket	239-43371-00	239-43371-00	239-43371-00	239-43371-00
57	Flame Sensor W/ Gasket	415-43232-00	415-43232-00	415-43232-00	415-43232-00
58	Blower Transition Weldment	239-43201-00	239-43201-00	239-43201-00	239-43201-00
59	Nut Hex Washer (4 Req'd)	239-43297-00	239-43297-00	239-43297-00	239-43297-00
60	Spark Rod (w/ Gasket)	415-46481-00	415-46481-00	415-46481-00	415-46481-00
61	Spark Rod Gasket	239-43370-00	239-43370-00	239-43370-00	239-43370-00
62	Burner Mounting Gasket	239-43246-00	239-43246-00	239-43246-00	239-43246-00
63	Burner Tube Kit (w/ Gasket)	415-53033-00	415-53033-00	415-53033-00	415-53033-00
64	Burner Mounting Gasket	239-43246-00	239-43246-00	239-43246-00	239-43246-00
65	Burner Mounting Insert	239-43167-00	239-43167-00	239-43167-00	239-43167-00
66	Ground Wire Assembly 24" Green	239-51994-00	239-51994-00	239-51994-00	239-51994-00
67	Gas Regulator Kit (optional)	243-45517-00	243-45517-00	243-45517-00	243-45517-00
68	LP to Natural Gas Conversion Kit	265-54048-07	265-54048-06	265-54048-05	265-54048-04

* Applies to all warranties

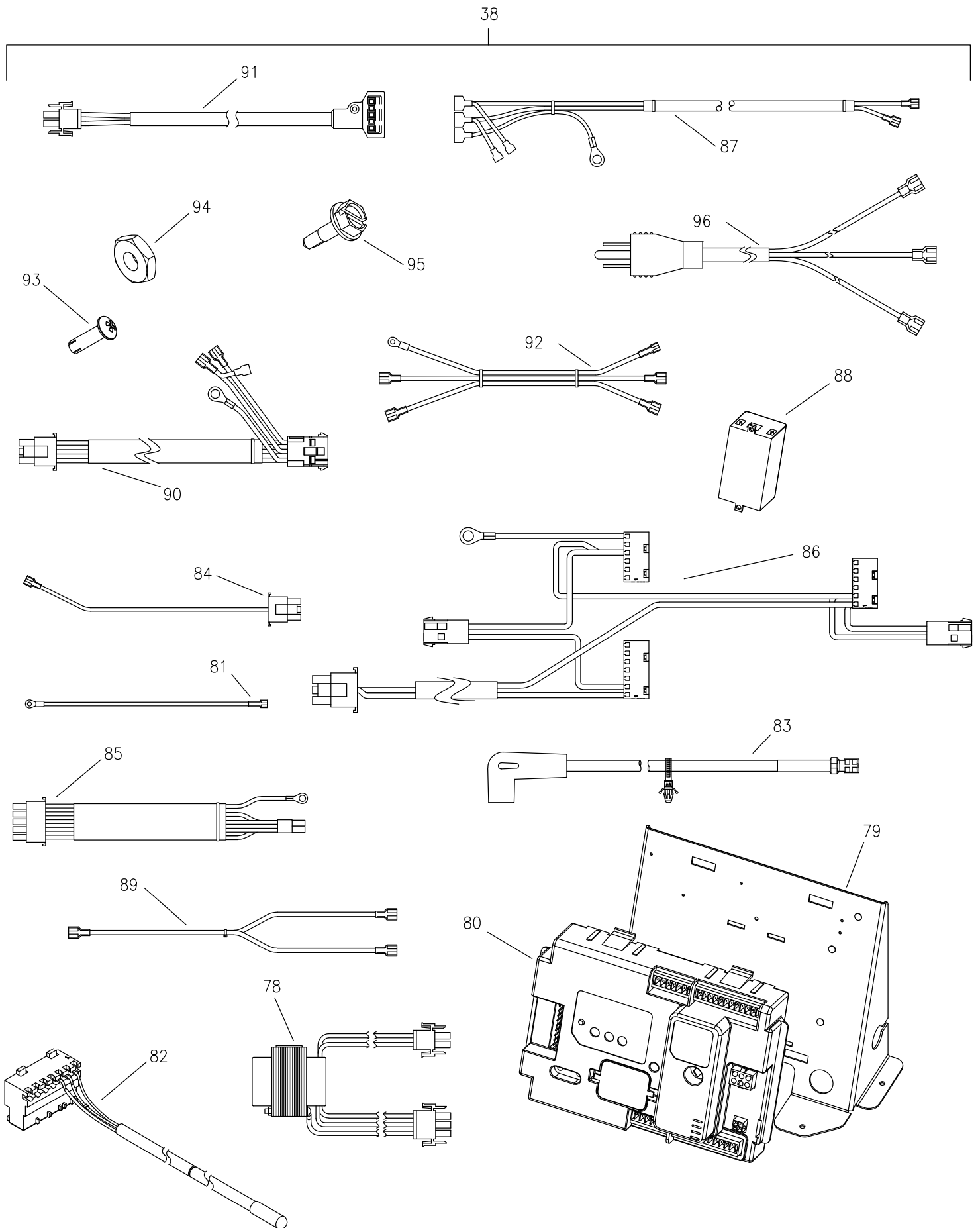
** Included with Item 42



Item	Description	Model	Model	Model
		EF60T125(E)*(N,X)(A)2	EF60T150(E)*(N,X)(A)2	EF60T199(E)*(N,X)(A)2
69	Keeper Latch & Catch	239-43239-00	239-43239-00	239-43239-00
70	Screw 8-32 x 1/2 RHCR (2 Req'd)	239-41715-00	239-41715-00	239-41715-00
71	Surround Head-EF Comm.	243-45823-02	243-45823-02	243-45823-02
72	Main Power Switch	239-43234-00	239-43234-00	239-43234-00
73	Control Display-ICON System	415-54047-00	415-54047-00	415-54047-00
74	Ring Combustion Surround	239-47305-02	239-47305-02	239-47305-02
75	Combustion Surround Base	239-51296-02	239-51296-02	239-51296-02
76	Display to Integrated Control Harness	239-48168-00	239-48168-00	239-48168-00
77	Strain Relief Bushing (Power Cord)	239-80372-00	239-80372-00	239-80372-00

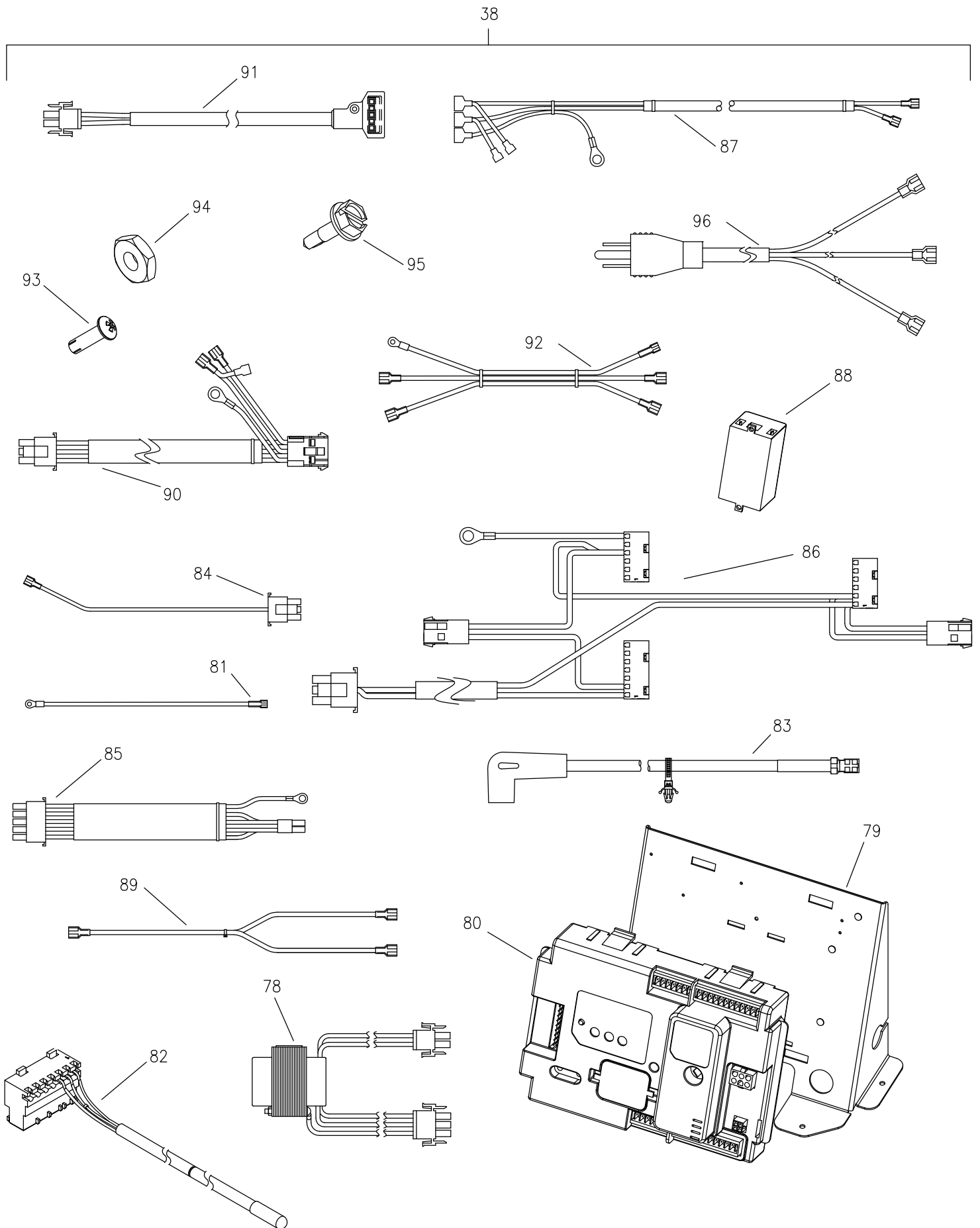


Item	Description	Model	Model	Model	Model
		EF100T150(E)*(N,X)(A)2	EF100T199(E)*(N,X)(A)2	EF100T250(E)*(N,X)(A)2	EF100T300(E)*(N,X)(A)2
69	Keeper Latch & Catch	239-43239-00	239-43239-00	239-43239-00	239-43239-00
70	Screw 8-32 x 1/2 RHCR (2 Req'd)	239-41715-00	239-41715-00	239-41715-00	239-41715-00
71	Surround Head-EF Comm.	243-45823-02	243-45823-02	243-45823-02	243-45823-02
72	Main Power Switch	239-43234-00	239-43234-00	239-43234-00	239-43234-00
73	Control Display-ICON System	415-54047-00	415-54047-00	415-54047-00	415-54047-00
74	Ring Combustion Surround	239-47305-02	239-47305-02	239-47305-02	239-47305-02
75	Combustion Surround Base	239-51296-02	239-51296-02	239-51296-02	239-51296-02
76	Display to Integrated Control Harness	239-48168-00	239-48168-00	239-48168-00	239-48168-00
77	Strain Relief Bushing (Power Cord)	239-80372-00	239-80372-00	239-80372-00	239-80372-00



Item	Description	Model	Model	Model
		EF60T125(E)*(N,X)(A)2	EF60T150(E)*(N,X)(A)2	EF60T199(E)*(N,X)(A)2
78	Transformer 120V to 24V	233-50559-00	233-50559-00	233-50559-00
79	Control Panel	239-50514-00	239-50514-00	239-50514-00
80	Module-ICON System	415-54156-01	415-54156-01	415-54156-01
81	Ground Wire	239-38951-88	239-38951-88	239-38951-88
82	T-Stat Sensor Harness	239-48587-00	239-48587-00	239-48587-00
83	High Voltage Spark Cable	265-50887-00	265-50887-00	265-50887-00
84	Flame Sensor Wire	239-48237-00	239-48237-00	239-48237-00
85	Blower Modulation Harness	239-48170-00	239-48170-00	239-48170-00
86	Wire Harness Low Fire Start	239-53961-00	239-53961-00	239-53961-00
87	Power Cord/Switch Harness	239-48171-00	239-48171-00	239-48171-00
88	Power Anode Module	239-46229-00	239-46229-00	239-46229-00
89	Power Anode Harness	239-46070-00	239-46070-00	239-46070-00
90	Blower Power Harness	239-48617-00	239-48617-00	239-48617-00
91	Rectifier Harness	239-43571-00	239-43571-00	239-43571-00
92	Powered Anode Control Harness	239-46247-00	239-46247-00	239-46247-00
93	Screw-#4-40 X 3/8 Pan	239-50731-00	239-50731-00	239-50731-00
94	Nut 8-32 Keps	239-80029-00	239-80029-00	239-80029-00
95	Screw-#8-18 X 1/2	239-32761-00	239-32761-00	239-32761-00
96	Power Cord-96"	239-44466-00	239-44466-00	239-44466-00

* Applies to all warranties



Item	Description	Model	Model	Model	Model
		EF100T150(E)*(N,X)(A)2	EF100T199(E)*(N,X)(A)2	EF100T250(E)*(N,X)(A)2	EF100T300(E)*(N,X)(A)2
78	Transformer 120V to 24V	233-50559-00	233-50559-00	233-50559-00	233-50559-00
79	Control Panel	239-50514-00	239-50514-00	239-50514-00	239-50514-00
80	Module-ICON System	415-54156-01	415-54156-01	415-54156-01	415-54156-01
81	Ground Wire	239-38951-88	239-38951-88	239-38951-88	239-38951-88
82	T-Stat Sensor Harness	239-48587-00	239-48587-00	239-48587-00	239-48587-00
83	High Voltage Spark Cable	265-50887-00	265-50887-00	265-50887-00	265-50887-00
84	Flame Sensor Wire	239-48237-00	239-48237-00	239-48237-00	239-48237-00
85	Blower Modulation Harness	239-48170-00	239-48170-00	239-48170-00	239-48170-00
86	Wire Harness Low Fire Start	239-53961-00	239-53961-00	239-53961-00	239-53961-00
87	Power Cord/Switch Harness	239-48171-00	239-48171-00	239-48171-00	239-48171-00
88	Power Anode Module	239-46229-00	239-46229-00	239-46229-00	239-46229-00
89	Power Anode Harness	239-46070-00	239-46070-00	239-46070-00	239-46070-00
90	Blower Power Harness	239-48617-00	239-48617-00	239-48617-00	239-48617-00
91	Rectifier Harness	239-43571-00	239-43571-00	239-43571-00	239-43571-00
92	Powered Anode Control Harness	239-46247-00	239-46247-00	239-46247-00	239-46247-00
93	Screw-#4-40 X 3/8 Pan	239-50731-00	239-50731-00	239-50731-00	239-50731-00
94	Nut 8-32 Keps	239-80029-00	239-80029-00	239-80029-00	239-80029-00
95	Screw-#8-18 X 1/2	239-32761-00	239-32761-00	239-32761-00	239-32761-00
96	Power Cord-96"	239-44466-00	239-44466-00	239-44466-00	239-44466-00

* Applies to all warranties



United States

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contact your professional installer or
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International

General Contact international@bradfordwhite.com