



COMMERCIAL GAS REPLACEMENT PARTS LIST

Ultra Low NOx Atmospheric Vent Models

Models Covered:

U65L(155,199,270)E*N(A)

U100L(199,270,399)E*N(A)

*Denotes warranty year



Includes Hydrojet®
Total Performance System

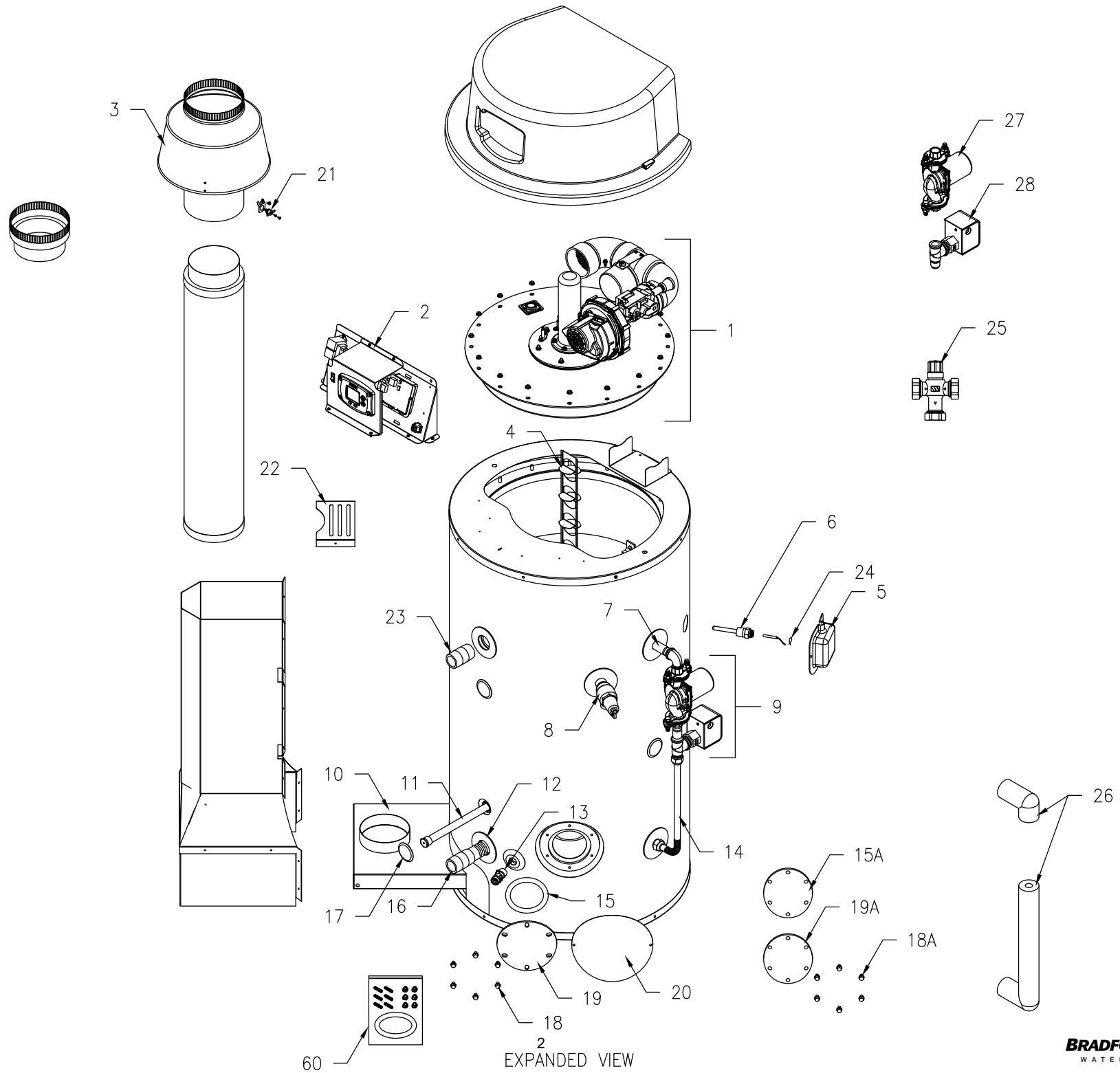
Effective: January, 2023
ECO 8248-3

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

Dimensions and specifications
subject to change without notice.



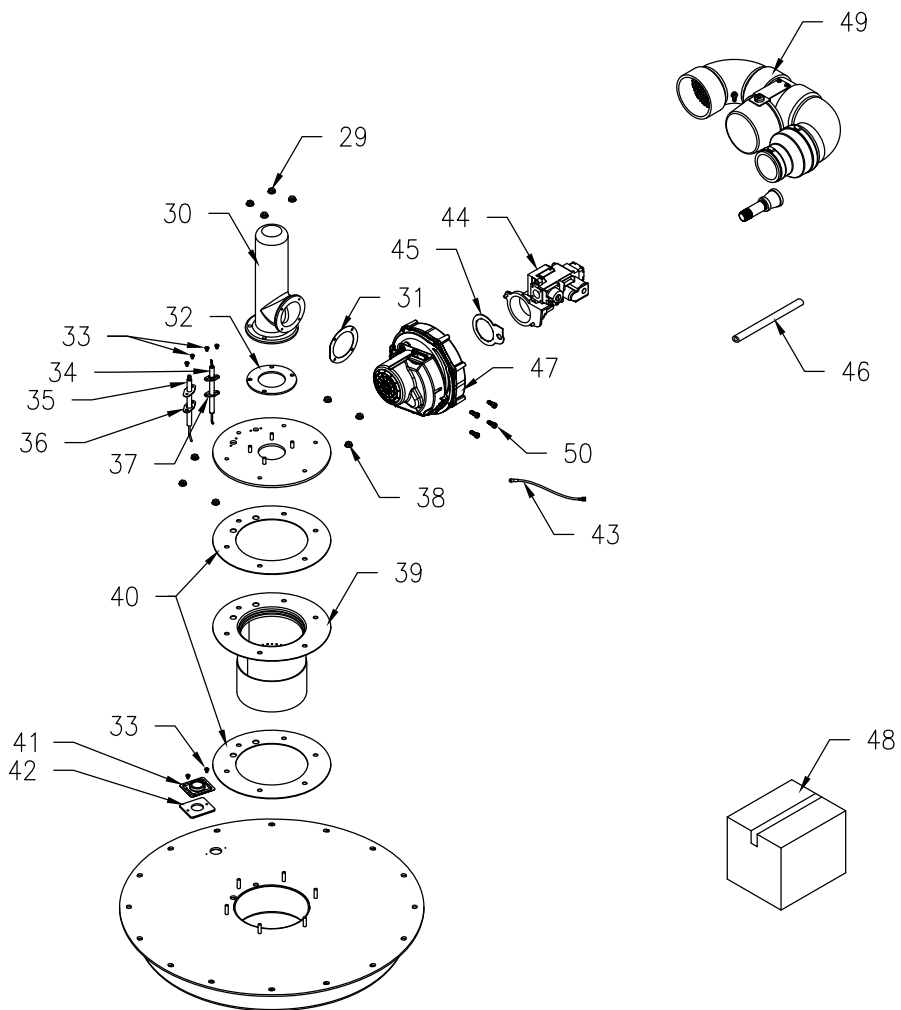
As required by the state of California Proposition 65.



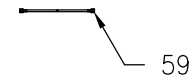
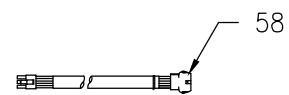
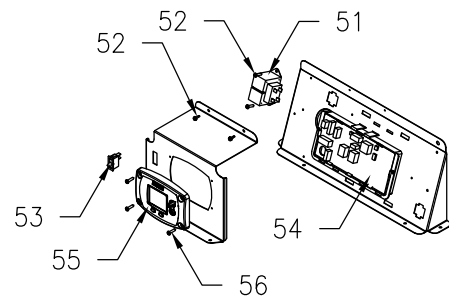
Item	Description	Model	Model	Model
		U65L155E*N(A)	U65L199E*N(A)	U65L270E*N(A)
1	Combustion System Assembly	(see page 4)	(see page 4)	(see page 4)
2	Complete Control Panel Assembly	(see page 6)	(see page 6)	(see page 6)
3	Draft Diverter	239-49610-01	239-49610-01	239-49610-01
4	Baffle 4" Flue (4 req'd)	---	---	---
5	Plastic Cover (Grey)	239-80281-03	239-80281-03	239-80281-03
6	Sensor Well	233-46558-01	233-46558-01	233-46558-01
7	3/4" x 4" NPT Nipple Plastisert	229-40913-07	229-40913-07	229-40913-07
8	T&P Valve	415-30246-00	415-30246-00	415-33630-04
9	Circulator Assembly	---	---	---
10	Stainless Exhaust Boot	---	---	---
11	Anode Magnesium (up to 5 req'd)	415-47782-03	415-47782-03	415-47782-03
	Anode Aluminum (up to 5 req'd)	224-47783-03	224-47783-03	224-47783-03
	Anode Aluminum A420 (up to 5 req'd)#	415-49559-04	415-49559-04	415-49559-04
12	Foam Escutcheon Cover	239-81470-01	239-81470-01	239-81470-01
13	Drain Valve Brass (No Handle)	415-42351-02	415-42351-02	415-42351-02
14	Flexible Stainless Connector	239-49617-02	239-49617-02	239-49617-02
15	Cleanout Gasket	205-18427-00	205-18427-00	205-18427-00
15A	Cleanout Gasket (ASME)	205-32942-00	205-32942-00	205-32942-00
16	Inlet Tube Hydrojet (Front Connect)	415-44375-00	415-44375-00	415-44375-00
17	Plastic Hole Closure (Grey)	239-31547-02	239-31547-02	239-31547-02
18	Screw 5/16 - 18 x 1/2 (6 req'd)	239-82166-00	239-82166-00	239-82166-00
18A	Screw 5/16 - 18 x 1/2 ASME (6 req'd)	239-32970-00	239-32970-00	239-32970-00
19	Cleanout Cover	205-18428-00	205-18428-00	205-18428-00
19A	Cleanout Cover (AMSE)	205-32941-00	205-32941-00	205-32941-00
20	Clean Out Cover Access	243-20299-00	243-20299-00	243-20299-00
21	Assembly Blocked Vent Switch	415-49622-00	415-49622-00	415-49622-00
22	Vent Bracket	---	---	---
23	Nipple Hot Water Outlet Plastisert (Front Connect)	229-40913-07	229-40913-07	229-40913-07
24	T-Stat Clip	233-45242-00	233-45242-00	233-45242-00
25	ASSE Approved Mixing Valve (Optional)	239-51778-00	239-51778-00	239-51778-00
26	Foam Circulation Loop Kit	---	---	---
27	Circulator and Gaskets	---	---	---
28	Flow Switch	239-49647-00	239-49647-00	239-49647-00
60	Kit-Cleanout (Not For Use With ASME Tanks)	415-54256-00	415-54256-00	415-54256-00

* Applies to all warranties.

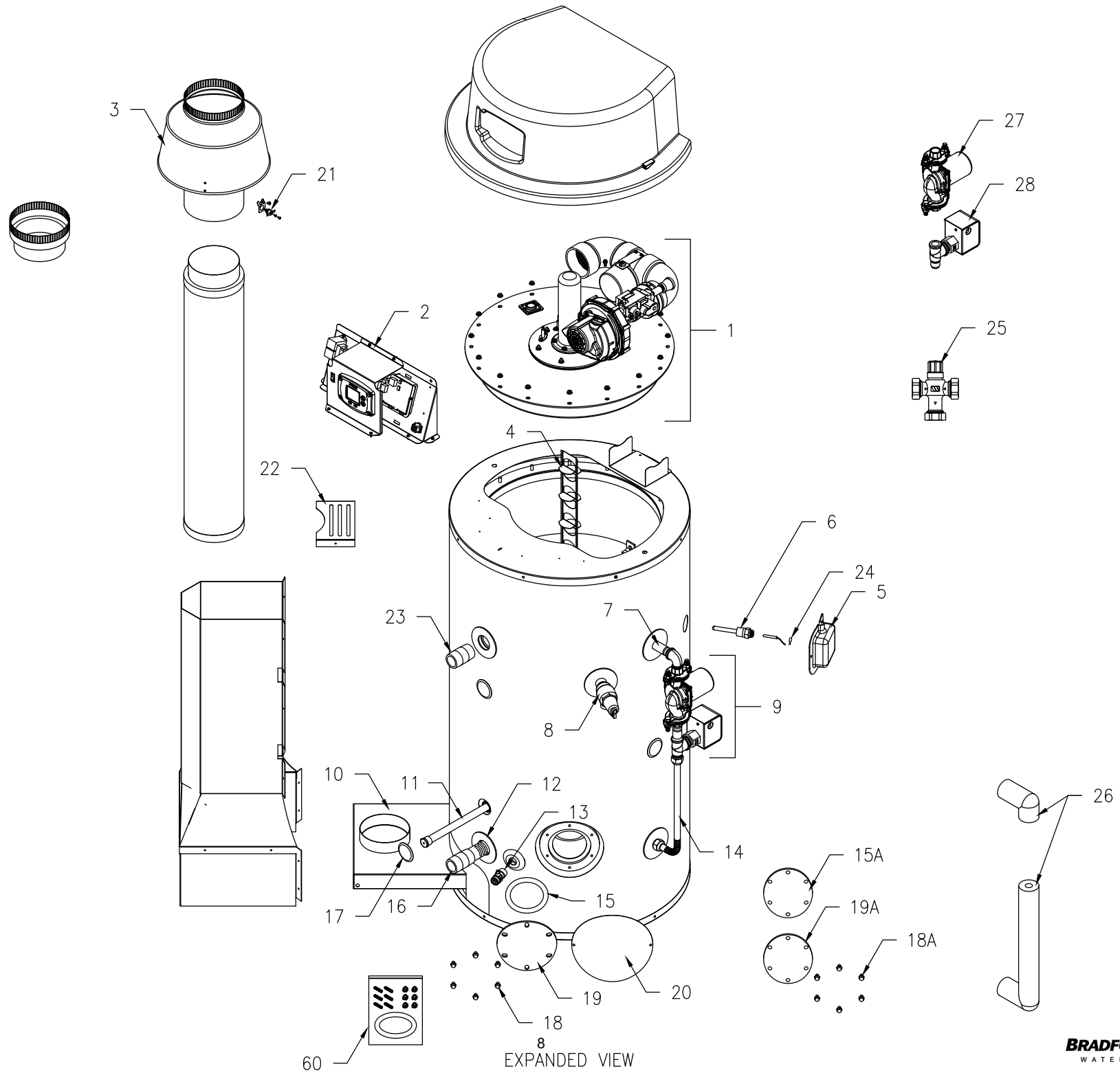
Anode may need to be cut to length. See page 14.



Item	Description	Model	Model	Model
		U65L155E*N(A)	U65L199E*N(A)	U65L270E*N(A)
29	Nut Hex Washer (4 req'd for Trans Tube)	239-43297-00	239-43297-00	239-43297-00
30	Transition Tube Blower to Burner	239-49614-00	239-49614-00	239-49614-00
31	Gasket Blower Transition	239-43241-00	239-43241-00	239-43241-00
32	Gasket Blower/Burner Adapter (Trans Tube)	239-49636-00	239-49636-00	239-49636-00
33	Screw 8-32 x 14 RHCR (6 req'd)	239-43272-00	239-43272-00	239-43272-00
34	Flame Sensor w/Gasket	415-49654-00	415-49654-00	415-49654-00
35	Spark Rod w/Gasket	415-49655-00	415-49655-00	415-49655-00
36	Gasket Spark Rod	239-43370-00	239-43370-00	239-43370-00
37	Gasket Flame Sensor	239-43371-00	239-43371-00	239-43371-00
38	Nut Hex Washer (6 req'd for Burner Plate)	239-43297-00	239-43297-00	239-43297-00
39	Burner Tube Kit (2 gaskets req'd)	---	---	265-49652-00
40	Gasket Burner (2 req'd)	239-49637-01	239-49637-01	239-49637-02
41	Assembly Sight Glass	239-49170-00	239-49170-00	239-49170-00
42	Gasket Sight Glass	239-49169-00	239-49169-00	239-49169-00
43	Ground Wire Assembly 24" Green	239-38951-83	239-38951-83	239-38951-83
44	Gas Valve and Venturi Assembly	---	243-49717-01	243-49717-02
45	Gasket Venturi to Blower	239-44654-00	239-44654-00	239-44654-00
46	Hose Tubing 3/16" ID (18" for U Models)	239-41718-00	239-41718-00	239-41718-00
47	Blower w/Gaskets	415-51225-00	415-48922-00	415-48922-00
48	Gas Regulator Kit (Optional)	243-45517-00	243-45517-00	243-45517-00
49	Damper Assembly	239-49802-00	239-49802-00	239-49802-00
	Damper Motor Only	239-49722-00	239-49722-00	239-49722-00
50	Screw 10-32 x .75 Skt Head Cap (4 req'd)	239-43273-00	239-43273-00	239-43273-00



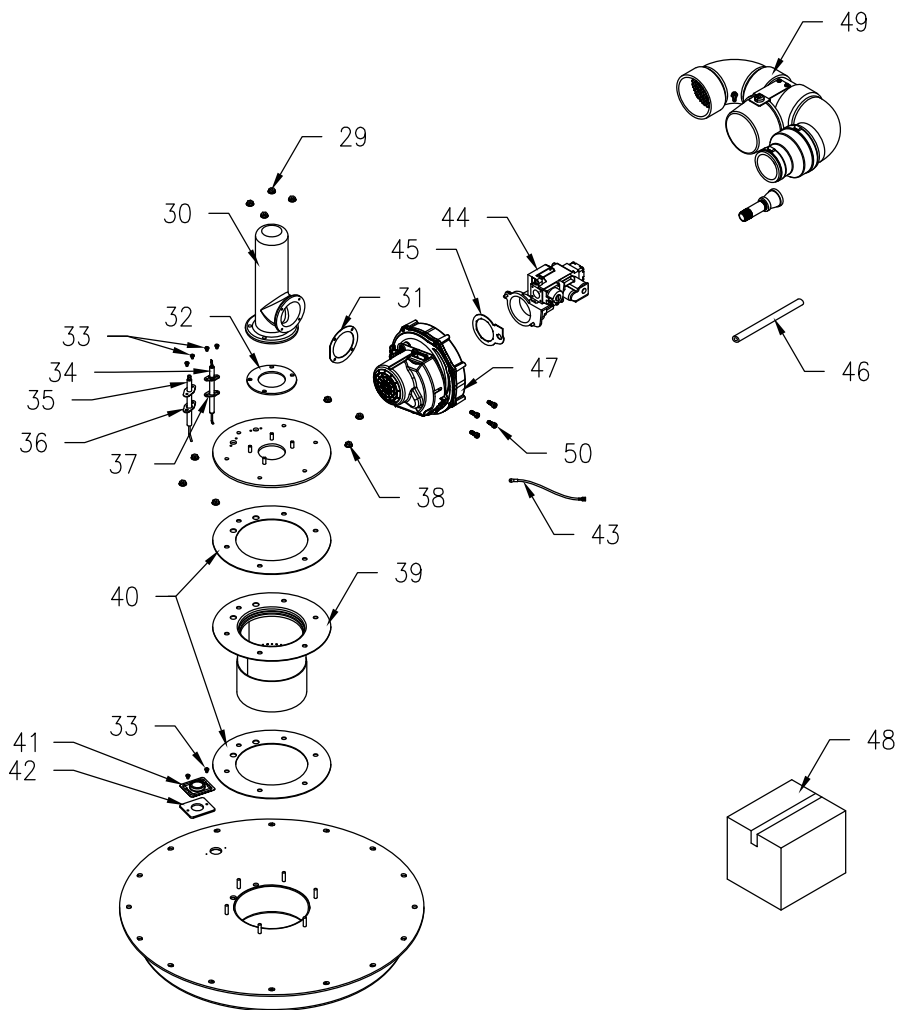
Item	Description	Model	Model	Model
		U65L155E*N(A)	U65L199E*N(A)	U65L270E*N(A)
51	Transformer 120V to 24V	415-44072-01	415-44072-01	415-44072-01
52	Screw-8-18 X .25 (2 req'd)	239-43573-00	239-43573-00	239-43573-00
53	Main Power Switch	239-43234-00	239-43234-00	239-43234-00
54	Integrated Control Board	415-46954-00	415-46954-00	415-46954-00
55	Control Display-Integrated Control	415-46557-00	415-46557-00	415-46557-00
56	Screw-#8-18 X .50 for Control Display (4 req'd)	239-43736-00	239-43736-00	239-43736-00
57	T-Stat Sensor Harness	239-49874-00	239-49874-00	239-49874-00
58	Blower/Circ./Damper Harness (Control Board)	239-49876-00	239-49876-00	239-49876-00
59	Flame Sensor Wire 19" Black	239-38951-84	239-38951-84	239-38951-84



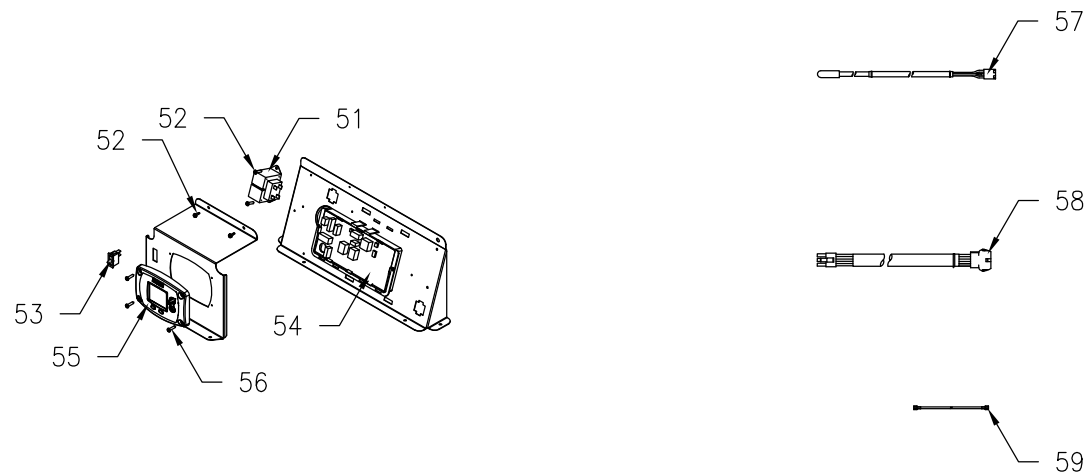
Item	Description	Model	Model	Model	Model
		U100L199E*N(A)	U100L270E*N(A)	U100L300E*N(A)	U100L399E*N(A)
1	Combustion System Assembly	(see page 10)	(see page 10)	(see page 10)	(see page 10)
2	Complete Control Panel Assembly	(see page 12)	(see page 12)	(see page 12)	(see page 12)
3	Draft Diverter	239-49610-01	239-49610-01	239-49610-02	---
4	Baffle 4" Flue (4 req'd)	---	---	---	239-49067-09
5	Plastic Cover (Grey)	239-80281-03	239-80281-03	239-80281-03	239-80281-03
6	Sensor Well	233-46558-01	233-46558-01	233-46558-01	233-46558-01
7	3/4" x 4" NPT Nipple Plastisert	229-40913-07	229-40913-07	229-40913-07	229-40913-07
8	T&P Valve	415-30246-00	415-33630-04	415-33630-04	415-33630-04
9	Circulator Assembly	---	---	---	---
10	Stainless Exhaust Boot	---	---	---	---
11	Anode Magnesium (up to 5 req'd)	415-47782-03	415-47782-03	415-47782-03	415-47782-03
	Anode Aluminum (up to 5 req'd)	224-47783-03	224-47783-03	224-47783-03	224-47783-03
	Anode Aluminum A420 (up to 5 req'd)#	415-49559-04	415-49559-04	415-49559-04	415-49559-04
12	Foam Escutcheon Cover	239-81470-01	239-81470-01	239-81470-01	239-81470-01
13	Drain Valve Brass (No Handle)	415-42351-02	415-42351-02	415-42351-02	415-42351-02
14	Flexible Stainless Connector	239-49617-01	239-49617-01	239-49617-01	239-49617-01
15	Cleanout Gasket	205-18427-00	205-18427-00	205-18427-00	205-18427-00
15A	Cleanout Gasket (ASME)	205-32942-00	205-32942-00	205-32942-00	205-32942-00
16	Inlet Tube Hydrojet (Front Connect)	415-44375-00	415-44375-00	415-44375-00	415-44375-00
17	Plastic Hole Closure (Grey)	239-31547-02	239-31547-02	239-31547-02	239-31547-02
18	Screw 5/16 - 18 x 1/2 (6 req'd)	239-82166-00	239-82166-00	239-82166-00	239-82166-00
18A	Screw 5/16 - 18 x 1/2 ASME (6 req'd)	239-32970-00	239-32970-00	239-32970-00	239-32970-00
19	Cleanout Cover	205-18428-00	205-18428-00	205-18428-00	205-18428-00
19A	Cleanout Cover (AMSE)	205-32941-00	205-32941-00	205-32941-00	205-32941-00
20	Clean Out Cover Access	243-20299-00	243-20299-00	243-20299-00	243-20299-00
21	Assembly Blocked Vent Switch	415-49622-00	415-49622-00	415-49622-00	415-49622-00
22	Vent Bracket	---	---	---	---
23	Nipple Hot Water Outlet Plastisert (Front Connect)	229-40913-07	229-40913-07	229-40913-07	229-40913-07
24	T-Stat Clip	233-45242-00	233-45242-00	233-45242-00	233-45242-00
25	ASSE Approved Mixing Valve (Optional)	239-51778-00	239-51778-00	239-51778-00	239-51778-00
26	Foam Circulation Loop Kit	---	---	---	---
27	Circulator and Gaskets	---	---	---	---
28	Flow Switch	239-49647-00	239-49647-00	239-49647-00	239-49647-00
60	Kit-Cleanout (Not For Use With ASME Tanks)	415-54256-00	415-54256-00	415-54256-00	415-54256-00

* Applies to all warranties.

Anode may need to be cut to length. See page 14.



Item	Description	Model	Model	Model	Model
		U100L199E*N(A)	U100L270E*N(A)	U100L300E*N(A)	U100L399E*N(A)
29	Nut Hex Washer (4 req'd for Trans Tube)	239-43297-00	239-43297-00	239-43297-00	239-43297-00
30	Transition Tube Blower to Burner	239-49614-00	239-49614-00	239-49614-00	239-49614-00
31	Gasket Blower Transition	239-43241-00	239-43241-00	239-43241-00	239-43241-00
32	Gasket Blower/Burner Adapter (Trans Tube)	239-49636-00	239-49636-00	239-49636-00	239-49636-00
33	Screw 8-32 x 14 RHCR (6 req'd)	239-43272-00	239-43272-00	239-43272-00	239-43272-00
34	Flame Sensor w/Gasket	415-49654-00	415-49654-00	415-49654-00	415-49654-00
35	Spark Rod w/Gasket	415-49655-00	415-49655-00	415-49655-00	415-49655-00
36	Gasket Spark Rod	239-43370-00	239-43370-00	239-43370-00	239-43370-00
37	Gasket Flame Sensor	239-43371-00	239-43371-00	239-43371-00	239-43371-00
38	Nut Hex Washer (6 req'd for Burner Plate)	239-43297-00	239-43297-00	239-43297-00	239-43297-00
39	Burner Tube Kit (2 gaskets req'd)	--	265-49652-00	265-49652-00	265-49652-00
40	Gasket Burner (2 req'd)	239-49637-01	239-49637-02	239-49637-02	239-49637-02
41	Assembly Sight Glass	239-49170-00	239-49170-00	239-49170-00	239-49170-00
42	Gasket Sight Glass	239-49169-00	239-49169-00	239-49169-00	239-49169-00
43	Ground Wire Assembly 24" Green	239-38951-83	239-38951-83	239-38951-83	239-38951-83
44	Gas Valve and Venturi Assembly	243-49717-01	243-49717-02	243-49717-02	243-49891-00
45	Gasket Venturi to Blower	239-44654-00	239-44654-00	239-44654-00	239-44654-00
46	Hose Tubing 3/16" ID (18" for U Models)	239-41718-00	239-41718-00	239-41718-00	239-41718-00
47	Blower w/Gaskets	415-48922-00	415-48922-00	415-48922-00	415-51310-00
48	Gas Regulator Kit (Optional)	243-45517-00	243-45517-00	243-45517-00	---
49	Damper Assembly	239-49802-00	239-49802-00	239-49802-00	239-49803-00
	Damper Motor Only	239-49722-00	239-49722-00	239-49722-00	239-49722-00
50	Screw 10-32 x .75 Skt Head Cap (4 req'd)	239-43273-00	239-43273-00	239-43273-00	239-43273-00



Item	Description	Model	Model	Model	Model
		U100L199E*N(A)	U100L270E*N(A)	U100L300E*N(A)	U100L399E*N(A)
51	Transformer 120V to 24V	415-44072-01	415-44072-01	415-44072-01	415-44072-01
52	Screw-8-18 X .25 (2 req'd)	239-43573-00	239-43573-00	239-43573-00	239-43573-00
53	Main Power Switch	239-43234-00	239-43234-00	239-43234-00	239-43234-00
54	Integrated Control Board	415-46954-00	415-46954-00	415-46954-00	415-46954-00
55	Control Display-Integrated Control	415-46557-00	415-46557-00	415-46557-00	415-46557-00
56	Screw-#8-18 X .50 for Control Display (4 req'd)	239-43736-00	239-43736-00	239-43736-00	239-43736-00
57	T-Stat Sensor Harness	239-49874-00	239-49874-00	239-49874-00	239-49874-00
58	Blower/Circ./Damper Harness (Control Board)	239-49876-00	239-49876-00	239-49876-00	239-49876-00
59	Flame Sensor Wire 19" Black	239-38951-84	239-38951-84	239-38951-84	239-38951-84

Reference Chart of Anode Length by Model

Model	Hex Head Anode Cut Length (End to end)	
	Inches	Millimeters
U65L155E*N(A)	23	584
U65L199E*N(A)	23	584
U65L270E*N(A)	23	584
U100L199E*N(A)	23	584
U100L270E*N(A)	23	584
U100L300E*N(A)	23	584
U100L399E*N(A)	23	584



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

Warranty bwccwarranty@bradfordwhite.com

Technical Support bwcctech@bradfordwhite.com

Service Parts orders@bradfordwhitecanada.com

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