



ULTRA LOW NO_x REPLACEMENT PARTS LIST

Residential & Light Duty Commercial Gas Eco-Defender® Power Vent Models



URGPV & ULGPV ECO MODELS

Models Covered:

URG1PV(40, 50)S*N

URG2PV(40, 50)T*N

URG2PV50H*N

ULG2PV50H56*N

URG2PV75H*N

ULG2PV75H76*N

(*) Denotes Warranty Years



Includes Hydrojet®
Total Performance System

Effective: August, 2020
ECO 8255

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.

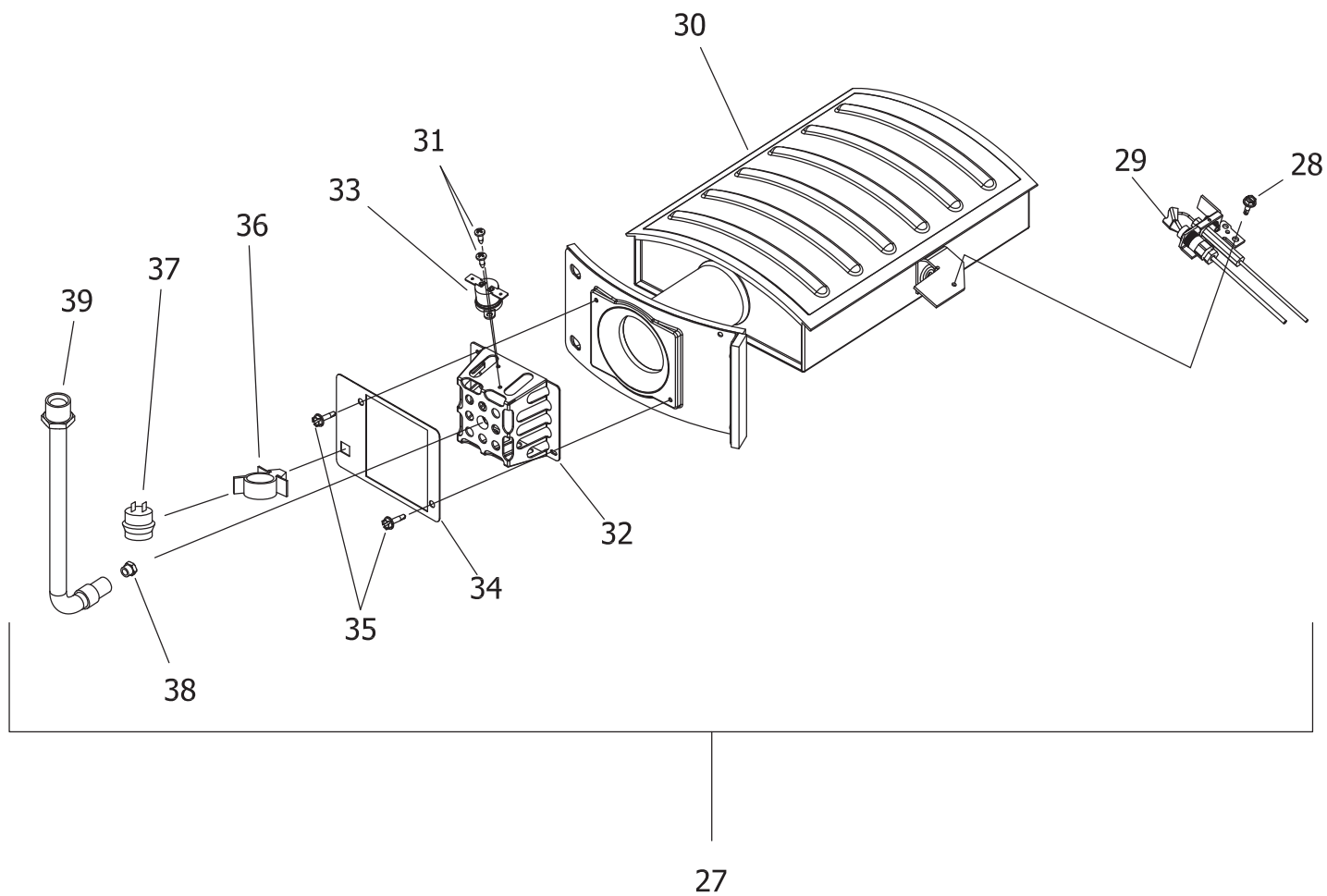
Item Description	Model URG1PV40S*N	Model URG1PV50S*N	Model URG2PV40T*N	Model URG2PV50T*N
1 Blower Complete 0 Ft. to 2,000 Ft. (Normal Altitude)	415-45584-00	415-45584-00	415-48685-00	415-48685-00
Blower Complete 2,001 Ft. to 7,001 Ft. (High Altitude)	265-45987-00	265-45987-00	243-48686-00	243-48686-00
2 Dilution Air Clip	239-48176-00	239-48176-00	239-48176-00	239-48176-00
3 Air Mixing Inlet	239-45868-00	239-45868-00	239-45868-00	239-45868-00
4 Pressure Switch 0 Ft. to 2,000 Ft. (Normal Altitude)	415-45867-01	415-45867-01	415-47815-04	415-47815-03
Pressure Switch 2,001 Ft. to 7,000 Ft. (High Altitude)	415-47815-03	415-47815-03	415-47815-04	415-47815-04
5 Blower Temperature Switch	239-48752-00	239-48752-00	239-48752-00	239-48752-00
6 Blower Gasket	239-45866-00	239-45866-00	239-45866-00	239-45866-00
7 Heat Trap Insert (Outlet)	239-45167-00	239-45167-00	239-45167-00	239-45167-00
8 Hot Water Outlet Anode (Magnesium)▲ #	224-47776-19	224-47776-19	224-47776-19	224-47776-19
Hot Water Outlet Anode (Aluminum)▲ #	224-32999-42	224-32999-42	224-32999-42	224-32999-42
Hot Water Outlet Anode (A420 Aluminum)▲ #	224-49560-08	224-49560-08	224-49560-10	224-49560-10
9 Flue Baffle	243-45372-00	243-45372-00	243-48689-00	239-45373-00
10 Heat Trap Insert (Inlet)	239-51556-00	239-51556-00	239-45167-00	239-45167-00
11 Cold Water Inlet Dip Tube (PEX)▲▲	229-51230-25	229-51230-25	---	---
Cold Water Inlet Dip Tube (Polysulfone)▲▲	---	---	229-45092-06	229-45092-06
12 Blower Harness	239-45617-02	239-45617-02	239-45617-02	239-45617-02
13 T&P Relief Valve	230-40594-02	230-40594-02	230-40594-02	230-40594-02
14 Right Side Inner Door Complete	239-48216-20	239-48216-20	239-48216-18	239-48216-18
15 Screw #10-12 x 3/4 HWH	239-52581-00	239-52581-00	239-52581-00	239-52581-00
16 Screw #8-18 x 3/4 HWH SLOT	239-44195-00	239-44195-00	239-44195-00	239-44195-00
17 Screw #8 X 3/4 HEX HD	239-81253-00	239-81253-00	239-81253-00	239-81253-00
18 Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02	265-42351-02
19 Outer Door	239-46209-00	239-46209-00	239-46209-00	239-46209-00
20 Gas Valve Direct Replacement (Natural Gas)	239-49823-01	239-49823-01	239-49823-02	239-49823-02
21 Flammable Vapor Sensor Harness	239-50066-00	239-50066-00	239-50066-00	239-50066-00
22 2" Exhaust Adaptor w/Vent Terminal	239-46263-00	239-46263-00	239-46263-00	239-46263-00
23 Condensate Hose Kit (Optional)	239-45875-00	239-45875-00	239-45875-00	239-45875-00
24 Kit-Heat Trap Insert	239-51572-00	239-51572-00	265-45420-00	265-45420-00
25 ASSE Approved Mixing Valve (Optional)	239-51778-00	239-51778-00	239-51778-00	239-51778-00
26 Inner Door Gasket Kit (Ultra Low NOx)	239-51576-00	239-51576-00	239-51576-00	239-51576-00

* Applies to all warranties

Anode may need to be cut to length

▲ Order with item 7

▲▲ Order with item 10

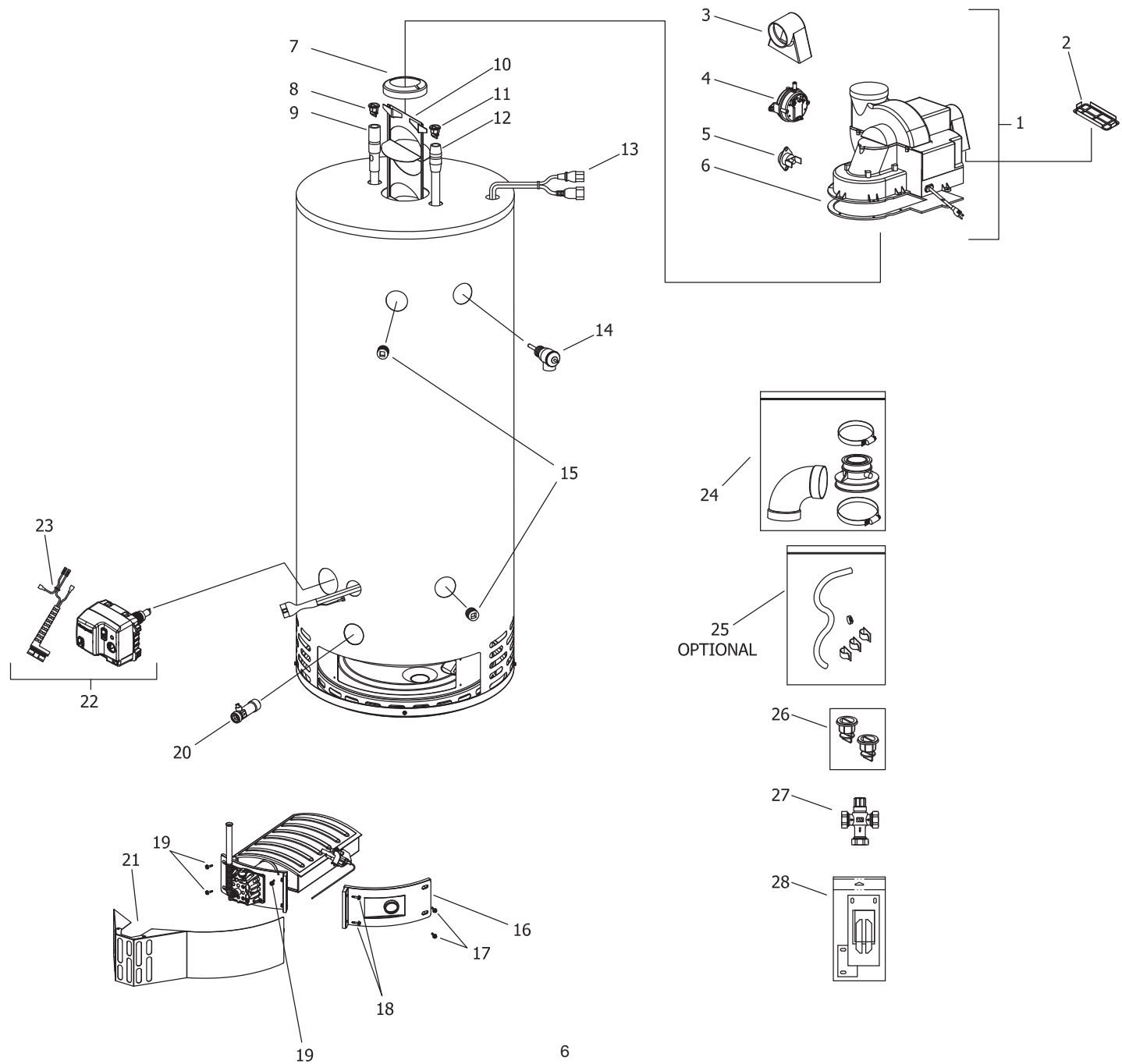


Item Description	Model URG1PV40S*N	Model URG1PV50S*N	Model URG2PV40T*N	Model URG2PV50T*N
27 Natural Gas (N) Main Burner Assembly ***	265-48329-01-37	265-48329-02-37	265-48329-05-37	265-48329-01-37
28 Screw #8-18 x 1/2 HWH	239-32761-00	239-32761-00	239-32761-00	239-32761-00
29 Pilot Assembly**	265-48175-04	265-48175-04	265-48175-04	265-48175-04
Pilot Assembly w/ Inner Door Gasket Kit	265-51574-00	265-51574-00	265-51574-00	265-51574-00
30 Burner**	228-48383-18	228-48383-20	228-48383-16	228-48383-18
31 Screw #6-20 x 3/8 PHCR	239-43967-00	239-43967-00	239-43967-00	239-43967-00
32 Manifold Mount	239-46201-00	239-46201-00	239-46201-00	239-46201-00
33 Thermal Switch	415-43676-03	415-43676-03	415-43676-03	415-43676-03
34 FVIR Sensor Plate	239-48341-00	239-48341-00	239-48341-00	239-48341-00
35 Screw #8-18 x 3/4 HWH SLOT	239-44195-00	239-44195-00	239-44195-00	239-44195-00
36 Flammable Vapor Sensor Clip	239-45648-00	239-45648-00	239-45648-00	239-45648-00
37 Flammable Vapor Sensor	415-45560-00	415-45560-00	415-45560-00	415-45560-00
38 Nat. Gas (N) Main Burner Orifice 0 Ft. to 2,000 Ft. **	234-18194-37	234-18194-37	234-18194-37	234-18194-37
Nat. Gas (N) High Alt. Orifice 2,001 ft. to 7,000 Ft. (-475 model suffixes) **	234-18194-42	234-18194-42	234-18194-42	234-18194-42
Nat. Gas (N) High Alt. Orifice Kit 7,001 Ft. to 10,000 Ft.	265-51320-02-43	265-51320-02-43	265-51320-04-43	265-51320-04-43
39 Flexible Gas Feedline	233-46930-01	233-46930-01	233-46930-01	233-46930-01

* Applies to all warranties

** Inner door gasket kit recommended

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



Item Description	Model	Model
	URG2PV50H*N	ULG2PV50H56*N
1 Blower Complete 0 Ft. to 2,000 Ft. (Normal Altitude)	265-48861-00	265-48861-00
Blower Complete 2,001 Ft. to 7,001 Ft. (High Altitude)	265-49227-00	265-49227-00
2 Dilution Air Clip	239-48176-00	239-48176-00
3 Air Mixing Inlet	239-45868-00	239-45868-00
4 Pressure Switch 0 Ft. to 2,000 Ft. (Normal Altitude)	239-47815-01	239-47815-01
Pressure Switch 2,001 Ft. to 7,000 Ft. (High Altitude)	415-45867-02	415-45867-02
5 Blower Temperature Switch	239-48752-00	239-48752-00
6 Blower Gasket	239-45866-00	239-45866-00
7 Flue Reducer	239-48802-00	239-48802-00
8 Heat Trap Insert (Outlet)	239-45167-00	239-45167-00
9 Hot Water Outlet Anode (Magnesium)▲ #	224-47776-19	224-47776-19
Hot Water Outlet Anode (Aluminum)▲ #	224-32999-42	224-32999-42
Hot Water Outlet Anode (A420 Aluminum)▲ #	224-49560-10	224-49560-10
10 Flue Baffle	239-45373-00	239-45373-00
11 Heat Trap Insert (Inlet)	239-51556-00	239-45167-00
12 Cold Water Inlet Dip Tube (PEX)▲▲	229-51230-20	---
Cold Water Inlet Dip Tube (Polysulfone)▲▲	---	229-45092-08
13 Blower Harness	239-45617-02	239-45617-02
14 T&P Relief Valve	230-40594-02	230-40594-02
15 3/4" NPT Pipe Plug	239-11638-00	239-11638-00
16 Right Side Inner Door Complete	239-48216-18	239-48216-18
17 Screw #10-12 x 3/4 HWH	239-52581-00	239-52581-00
18 Screw #8-18 x 3/4 HWH SLOT	239-44195-00	239-44195-00
19 Screw #8 X 3/4 HEX HD	239-81253-00	239-81253-00
20 Brass Drain Valve	265-42351-02	265-42351-02
21 Outer Door	239-46209-00	239-46209-00
22 Gas Valve Natural Gas	239-49823-02	239-49823-04
23 Flammable Vapor Sensor Harness	239-50066-00	239-50066-00
24 3" Exhaust Adaptor w/Vent Terminal	239-46264-00	239-46264-00
25 Condensate Hose Kit (Optional)	239-45875-00	239-45875-00
26 Kit-Heat Trap Insert	265-51572-00	265-45420-00
27 ASSE Approved Mixing Valve (Optional)	239-51778-00	239-51778-00
28 Kit-Inner Door Gasket (Ultra Low NOx)	239-51576-00	239-51576-00

* Applies to all warranties

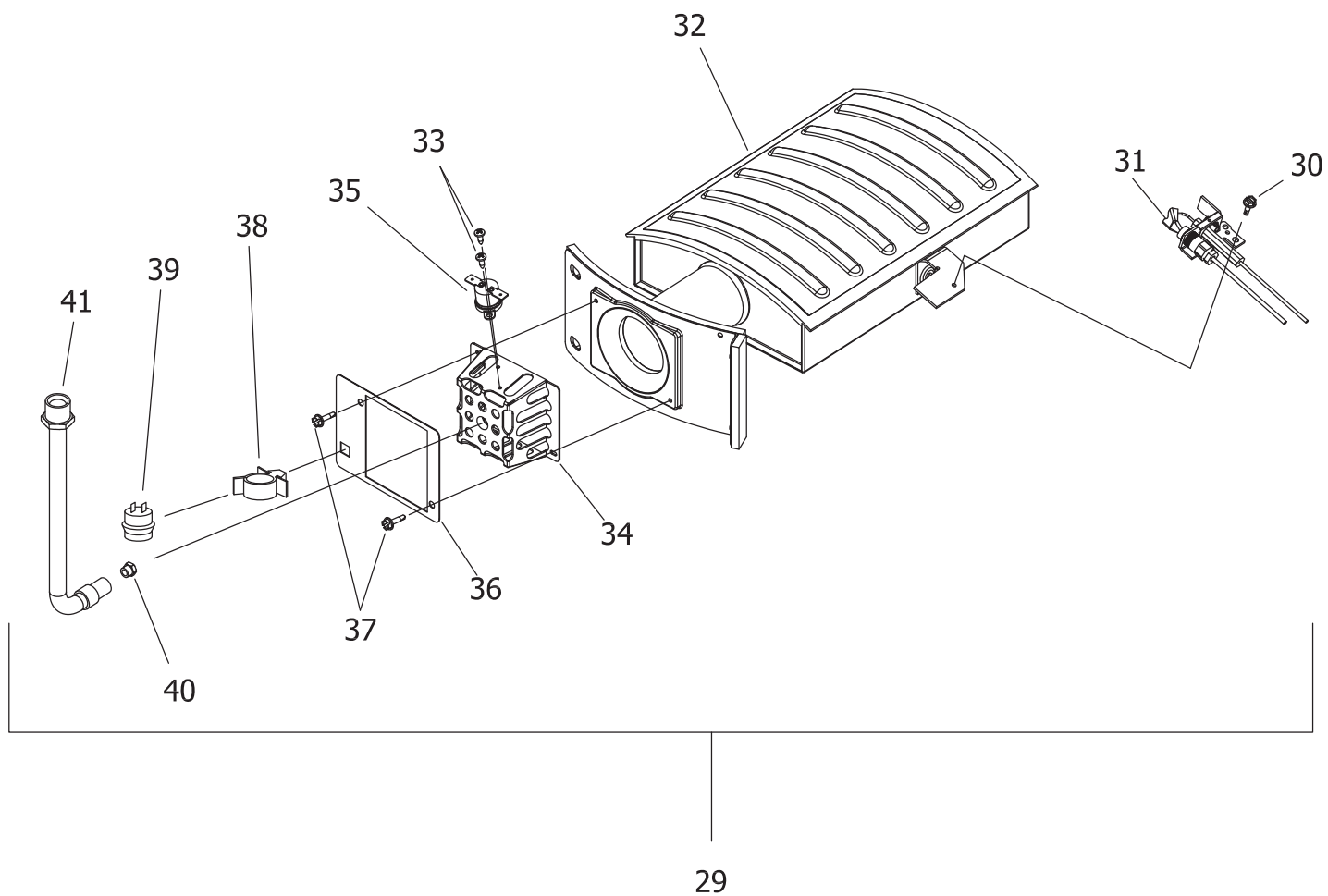
Anode may need to be cut to length

▲ Order with item 8

▲▲ Order with item 11

Reference Chart of Anode Length by Model

Model	AOD Anode Cut Length (End to end)	
	Inches	Millimeters
URG1PV40S*N	36.13	918
URG1PV50S*N	39.13	994
URG2PV40T*N	44.13	1121
URG2PV50T*N	44.13	1121
URG2PV50H*N	47.63	1210
ULG2PV50H56*N	47.63	1210
URG2PV75H*N	47.63	1210
ULG2PV75H76*N	47.63	1210

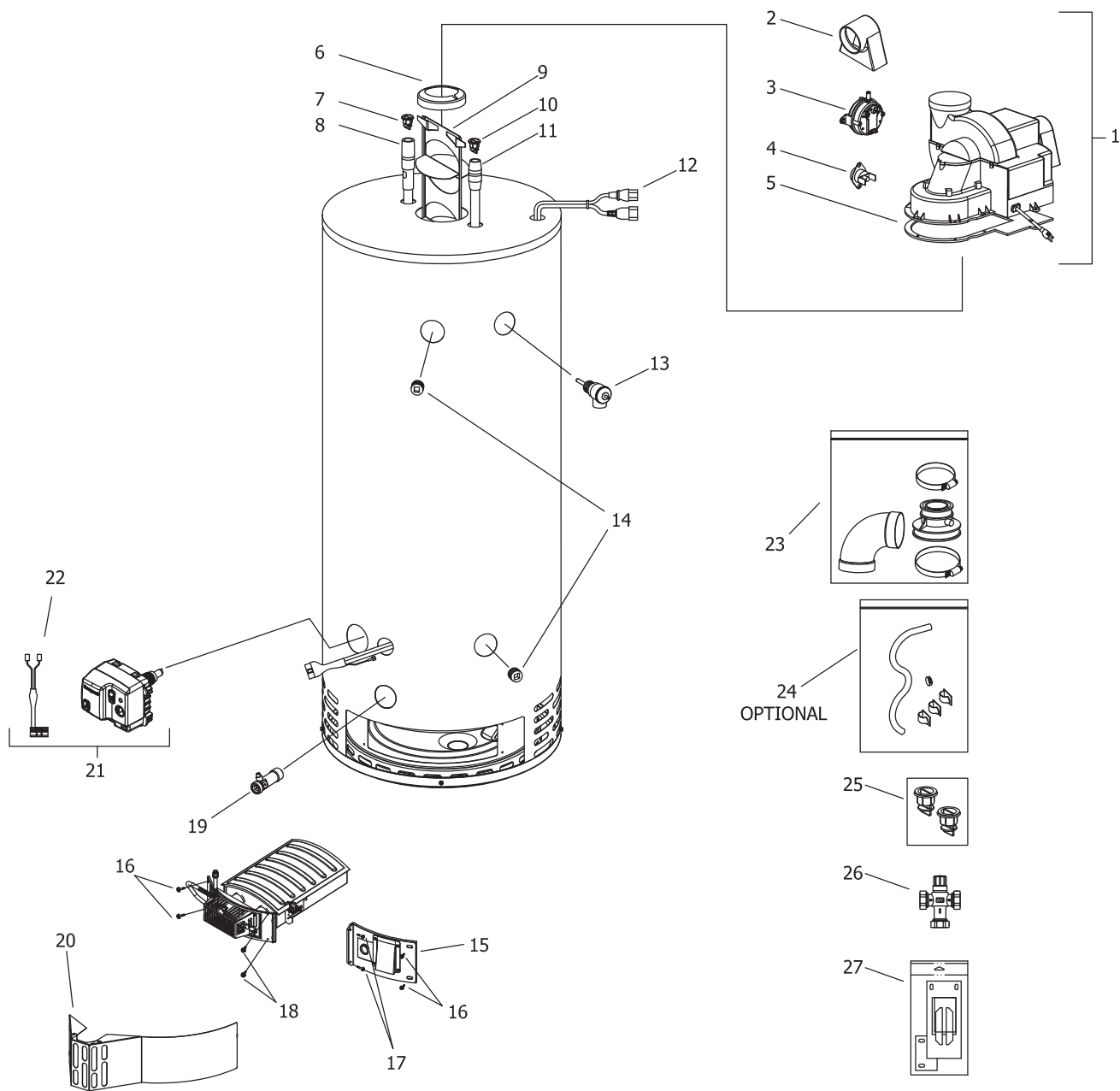


Item Description	Model	Model
	URG2PV50H*N	ULG2PV50H56*N
29 Burner Assembly***	265-48329-03-32	265-48329-03-32
30 Screw #8-18 x 1/2 HWH	239-32761-00	239-32761-00
31 Pilot Assembly**	233-48175-04	233-48175-04
Pilot Assembly w/ Inner Door Gasket Kit	265-51574-00	265-51574-00
32 Burner**	228-48383-19	228-48383-19
33 Screw #6-20 x 3/8 PHCR	239-43967-00	239-43967-00
34 Manifold Mount	239-46201-00	239-46201-00
35 Thermal Switch	415-43676-03	415-43676-03
36 FVIR Sensor Plate	239-48341-00	239-48341-00
37 Screw #8-18 x 3/4 HWH	239-44195-00	239-44195-00
38 Flammable Vapor Sensor Clip	239-45648-00	239-45648-00
39 Flammable Vapor Sensor	415-45560-00	415-45560-00
40 Nat. Gas (N) Main Burner Orifice 0 Ft. to 2,000 Ft. **	234-18194-32	234-18194-32
Nat. Gas (N) High Alt. Orifice 2,001 ft. to 7,000 Ft. (-475 model suffixes) **	234-18194-36	234-18194-36
Nat. Gas (N) High Alt. Orifice Kit 7,001 Ft. to 10,000 Ft.	265-51320-02-40	265-51320-02-40
41 Flexible Gas Feedline	233-46930-01	233-46930-01

* Applies to all warranties

** Inner door gasket kit recommended

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



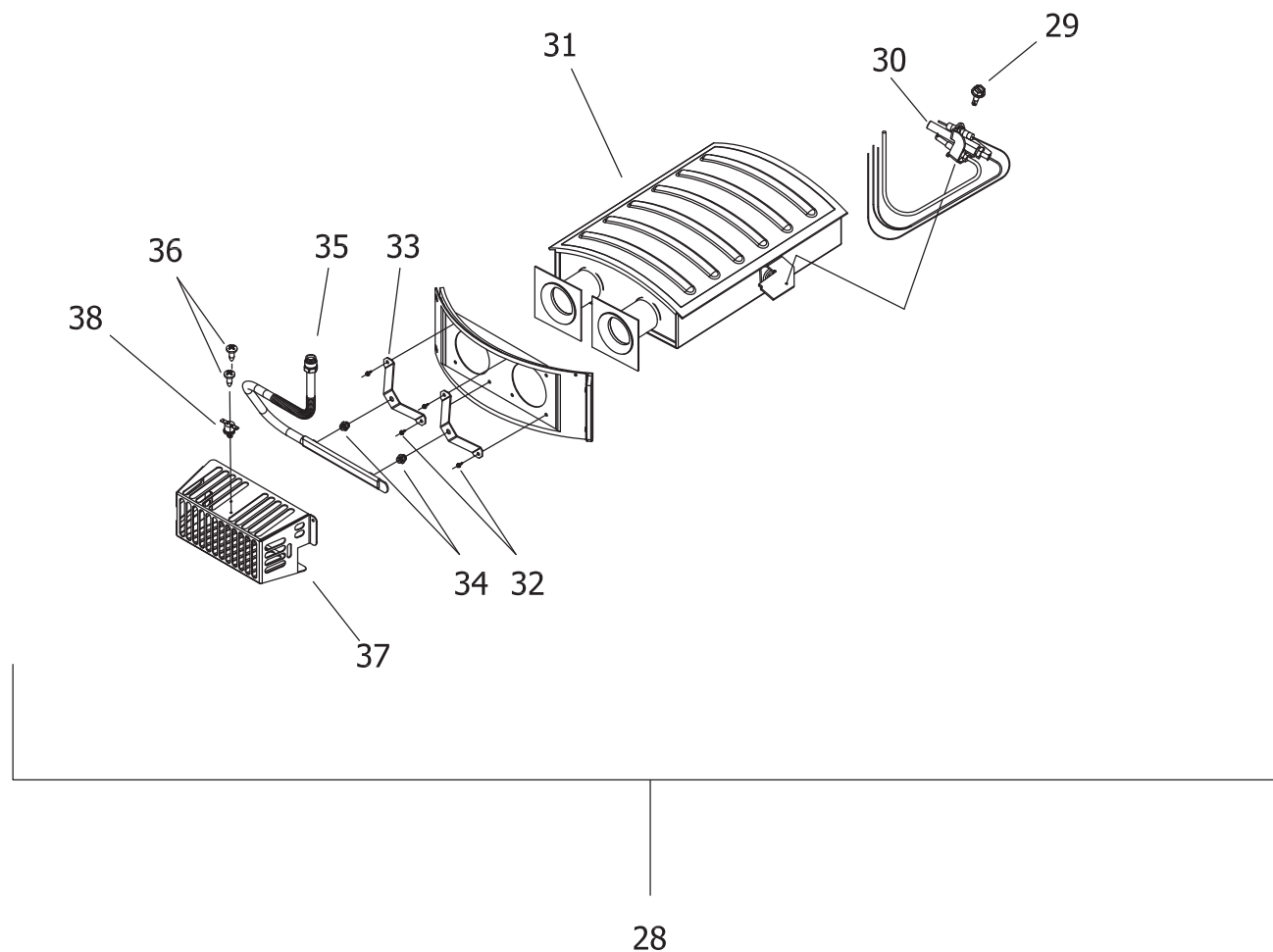
Item Description	Model URG2PV75H*N	Model ULG2PV75H76*N
1 Blower Complete 0 Ft. to 2,000 Ft. (Normal Altitude)	415-45583-00	415-45583-00
Blower Complete 2,001 Ft. to 7,000 Ft. (High Altitude)	239-45986-00	239-45986-00
2 Air Mixing Inlet	239-45868-00	239-45868-00
3 Pressure Switch 0 Ft. to 2,000 Ft. (Normal Altitude)	239-45867-02	239-45867-02
Pressure Switch 2,001 Ft. to 7,000 Ft. (High Altitude)	239-45867-04	239-45867-04
4 Blower Temperature Switch	239-48752-00	239-48752-00
5 Blower Gasket	239-45866-00	239-45866-00
6 Flue Reducer	243-42572-00	243-42572-00
7 Heat Trap Insert (Outlet)	239-45167-00	239-45167-00
8 Hot Water Outlet Anode (Magnesium)▲ #	224-47776-19	224-47776-19
Hot Water Outlet Anode (Aluminum)▲ #	224-32999-42	224-32999-42
Hot Water Outlet Anode (A420 Aluminum)▲ #	224-49560-10	224-49560-10
9 Flue Baffle	239-45373-00	239-45373-00
10 Heat Trap Insert (Inlet)	239-51556-00	239-51556-00
11 Cold Water Inlet Dip Tube (PEX)▲▲	229-51230-20	229-51230-29
12 Blower Harness	239-45617-02	239-45617-02
13 T&P Relief Valve	230-40594-02	230-40594-02
14 3/4" NPT Pipe Plug	239-11638-00	239-11638-00
15 Right Side Inner Door Complete	239-49804-22	239-49804-22
16 Screw #10-12 x 3/4 HWH	239-52581-00	239-52581-00
17 Screw #8-18 x 3/4 HWH SLOT	239-44195-00	239-44195-00
18 Screw #8 X 3/4 HEX HD	239-81253-00	239-81253-00
19 Brass Drain Valve	265-42351-02	265-42351-02
20 Outer Door	239-49092-00	239-49092-00
21 Gas Valve Natural Gas	239-49823-02	239-49823-04
22 Simulated Resistive Device Harness with Leads	239-50408-00	239-50408-00
23 3" Exhaust Adaptor w/Vent Terminal	239-46264-00	239-46264-00
24 Condensate Hose Kit (Optional)	239-45875-00	239-45875-00
25 Kit-Heat Trap Insert	265-51572-00	265-51572-00
26 ASSE Approved Mixing Valve (Optional)	239-51778-00	239-51778-00
27 Kit-Inner Door Gasket (Ultra Low NOx)	239-49987-00	239-49987-00

* Applies to all warranties

Anode may need to be cut to length

▲ Order with item 7

▲▲ Order with item 10



Item Description	Model	Model
	URG2PV75H*N	ULG2PV75H76*N
28 Burner Assembly***	243-49930-01	265-49930-01-37
29 Screw #8-18 x 1/2 HWH	239-32761-00	239-32761-00
30 Pilot Assembly**	233-50195-01	233-50195-01
31 Burner**	228-50193-22	228-50193-22
32 Screw #8-18 x 3/4 HWH	239-44195-00	239-44195-00
33 Orifice Bracket	239-49090-00	239-49090-00
34 Nat. Gas (N) Main Burner Orifice 0 Ft. to 2,000 Ft. **	234-41034-37	234-41034-37
Nat. Gas (N) High Alt. Orifice 2,001 ft. to 7,000 Ft. (-475 model suffixes) **	234-41034-42	234-41034-42
Nat. Gas (N) High Alt. Orifice Kit 7,001 Ft. to 10,000 Ft.	265-51315-03-43	265-51315-03-43
35 Flexible Gas Feedline	233-49091-00	233-49091-00
36 Screw #8-18 x 3/4 HWH	239-43967-00	239-43967-00
37 Manifold Cover	239-49832-00	239-49832-00
38 Thermal Switch	415-43676-03	415-43676-03

* Applies to all warranties

** Inner door gasket kit recommended

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

NOTES

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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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contact your professional installer or
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