



Residential Gas Replacement Parts List

PV Series Ultra Low NOx Models



Models Covered:

URG1PV40S*19

URG2PV40T*19

URG1PV50S*19

URG2PV50T*19

URG2PV50H*19

URG2PV75H*19

Includes Hydrojet®
Total Performance System

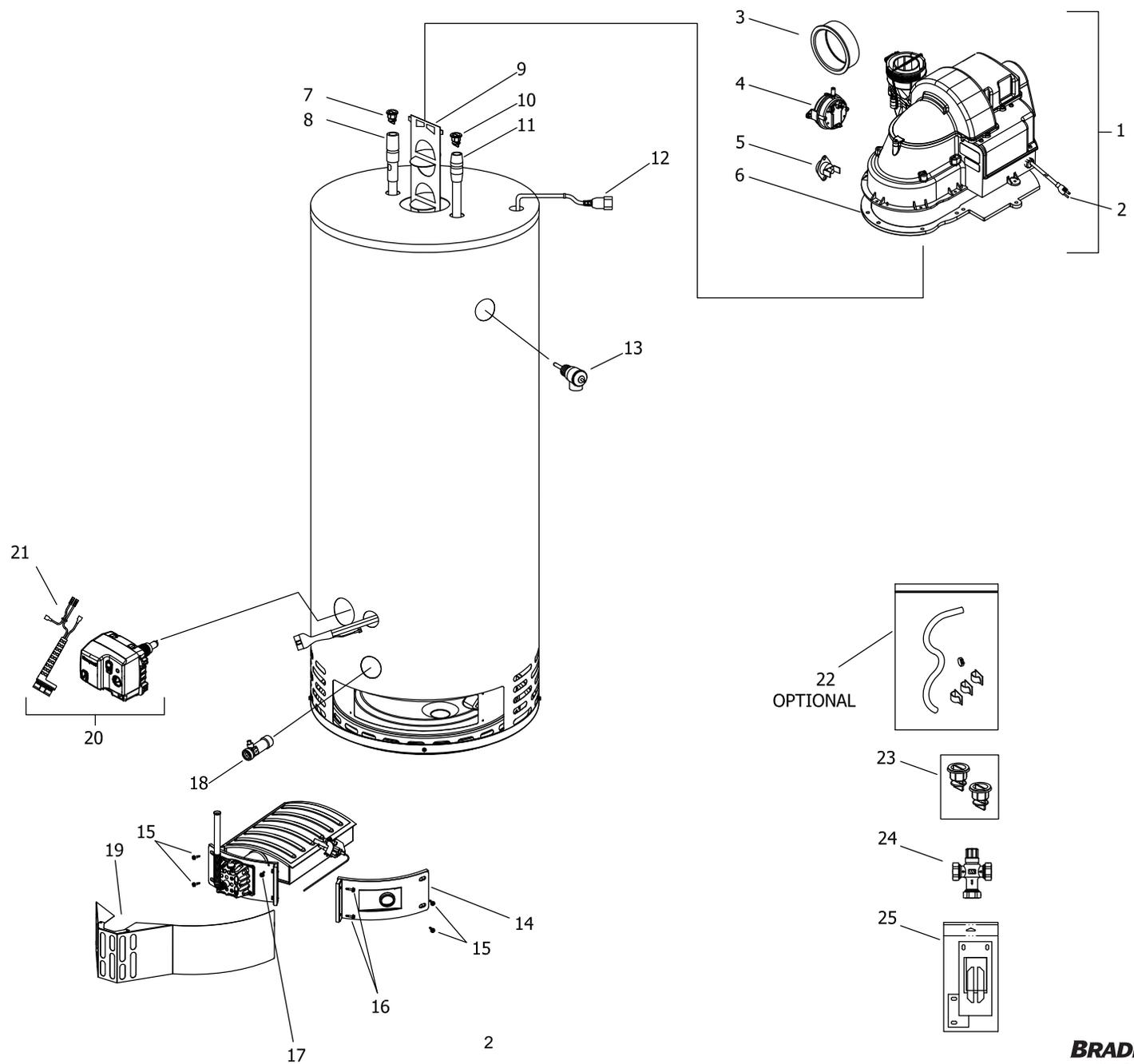
Effective: January, 2023
ECO 8248-3

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

Dimensions and specifications
subject to change without notice.

WARNING
CANCER AND REPRODUCTIVE HARM
WWW.P65WARNINGS.CA.GOV

As required by the state of California Proposition 65.



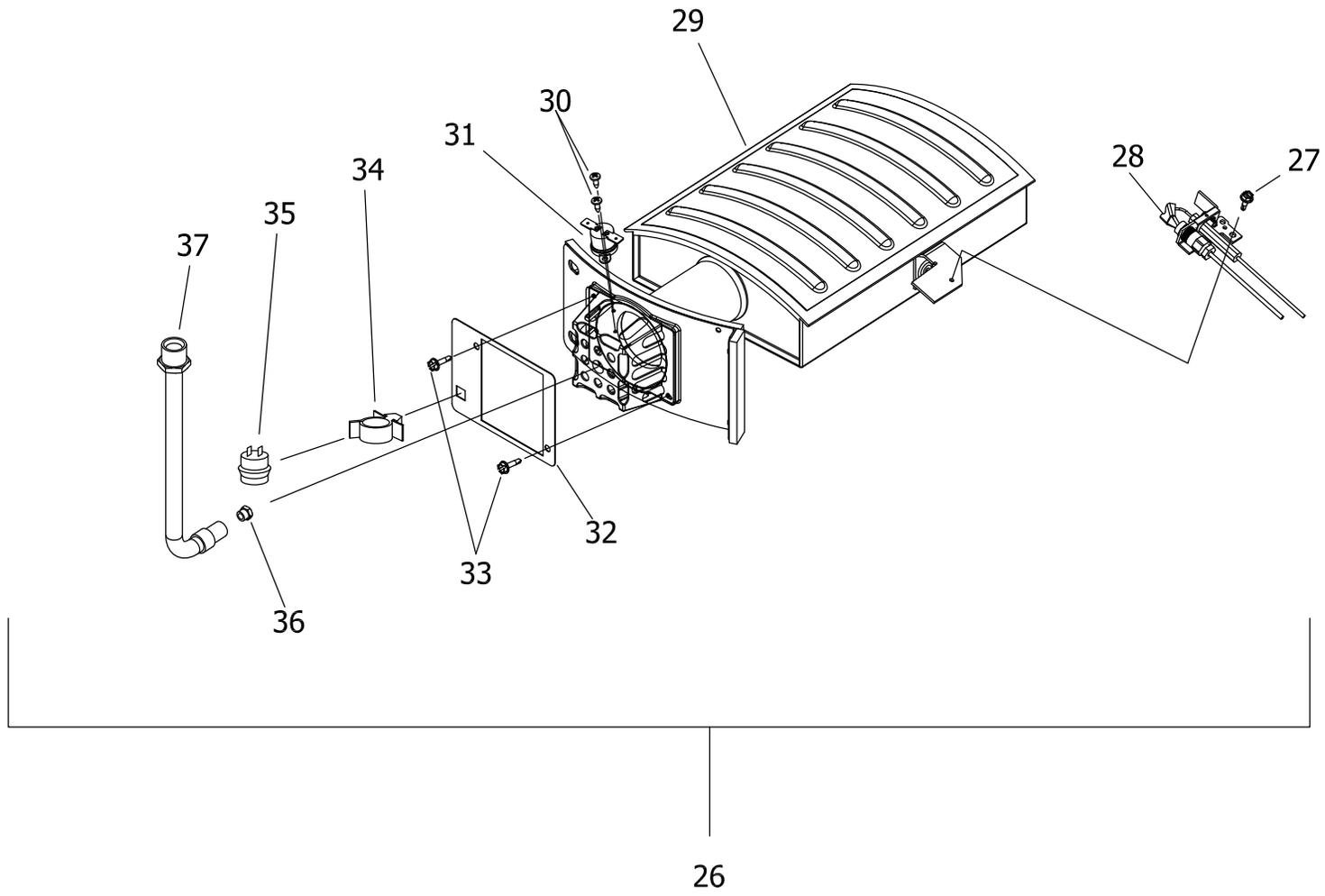
| Item Description | Model | Model | Model | Model |
|---|---------------|---------------|---------------|---------------|
| | URG1PV40S*N19 | URG1PV50S*N19 | URG2PV40T*N19 | URG2PV50T*N19 |
| 1 Blower Complete | 415-53662-00 | 415-53662-00 | 415-53662-00 | 415-53662-00 |
| 2 Blower Power Cord 8 Feet | 239-44466-00 | 239-44466-00 | 239-44466-00 | 239-44466-00 |
| Blower Power Cord 10 Feet | 239-45990-00 | 239-45990-00 | 239-45990-00 | 239-45990-00 |
| 3 Gasket Adapter Rubber PVC | 415-53864-00 | 415-53864-00 | 415-53864-00 | 415-53864-00 |
| 4 Pressure Switch | 415-45867-05 | 415-45867-05 | 415-45867-05 | 415-45867-05 |
| 5 Blower Temperature Switch | 415-53692-00 | 415-53692-00 | 415-53692-00 | 415-53692-00 |
| 6 Blower Gasket | 415-53693-00 | 415-53693-00 | 415-53693-00 | 415-53693-00 |
| 7 Heat Trap Insert (Outlet) | 415-45167-00 | 415-45167-00 | 415-45167-00 | 415-45167-00 |
| 8 Hot Water Outlet Anode (Magnesium)▲ # | 415-47776-19 | 415-47776-19 | 415-47776-19 | 415-47776-19 |
| Hot Water Outlet Anode (Aluminum)▲# | 415-32999-42 | 415-32999-42 | 415-32999-42 | 415-32999-42 |
| Hot Water Outlet Anode (A420 Aluminum)▲ # | 415-49560-08 | 415-49560-08 | 415-49560-10 | 415-49560-10 |
| 9 Flue Baffle | 243-53013-00 | 243-53013-00 | 243-53012-00 | 243-53012-00 |
| 10 Heat Trap Insert (Inlet) | 415-51556-00 | 415-51556-00 | 415-45167-00 | 415-45167-00 |
| 11 Cold Water Inlet Dip Tube (PEX)▲▲ | 229-53466-02 | 415-51230-25 | 229-53466-01 | --- |
| Cold Water Inlet Dip Tube (Polysulfone)▲▲ | --- | --- | --- | 415-45092-06 |
| 12 Blower Harness | 239-53966-01 | 239-53966-01 | 239-53966-02 | 239-53966-02 |
| 13 T&P Relief Valve | 415-40594-02 | 415-40594-02 | 415-40594-02 | 415-40594-02 |
| 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 | 239-44113-00 | 239-44113-00 | 239-44113-00 | 239-44113-00 |
| 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 | 415-42351-02 | 415-42351-02 | 415-42351-02 | 415-42351-02 |
| 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 Condensate Hose Kit (Optional) | 415-45875-00 | 415-45875-00 | 415-45875-00 | 415-45875-00 |
| 23 Kit-Heat Trap Insert | 239-51572-00 | 239-51572-00 | 265-45420-00 | 265-45420-00 |
| 24 ASSE Approved Mixing Valve (Optional) | 239-51778-00 | 239-51778-00 | 239-51778-00 | 239-51778-00 |
| 25 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, see page 6

▲ Order with item 7

▲▲ Order with item 10

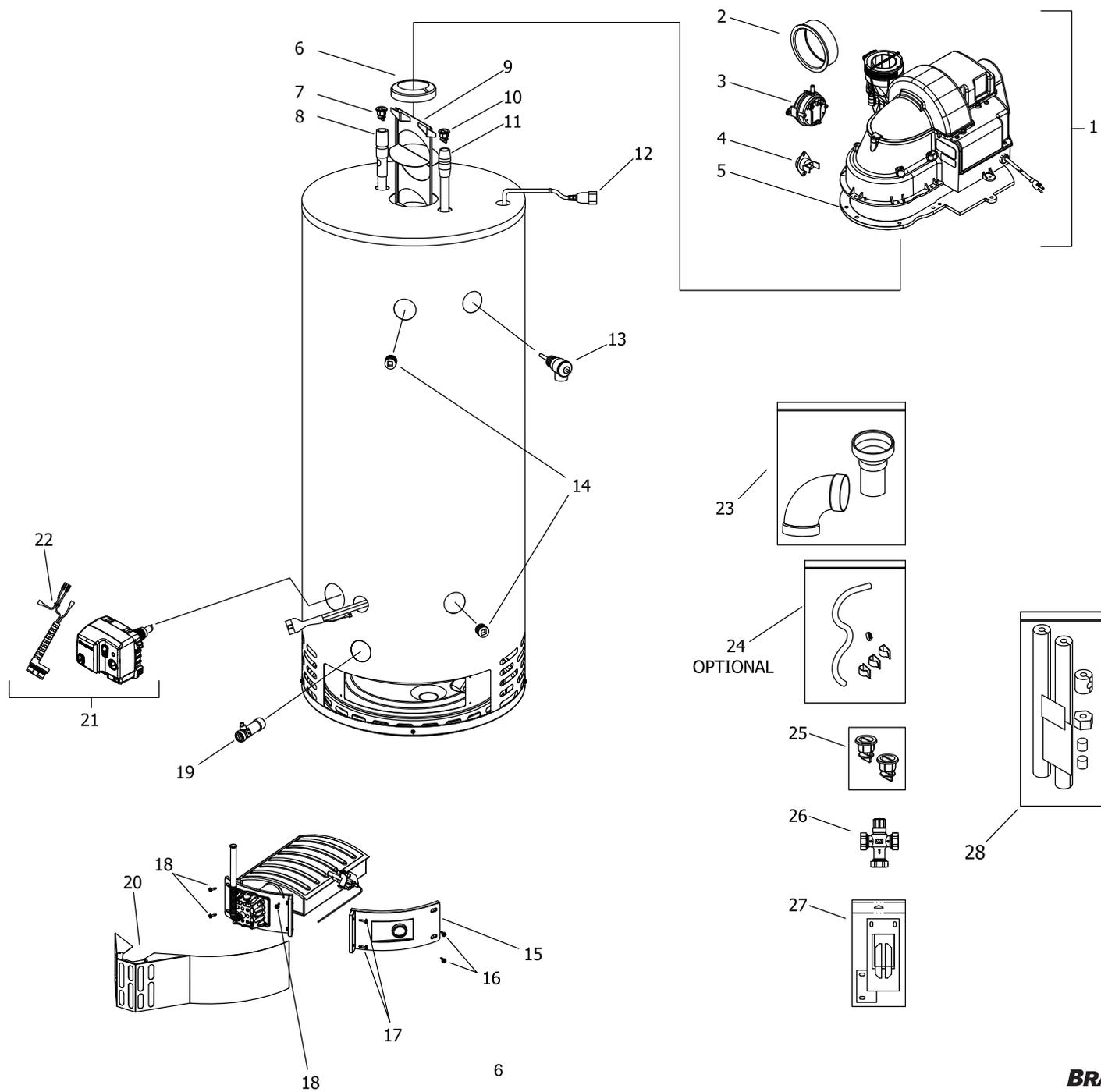


| Item Description | Model | Model | Model | Model |
|--|-----------------|-----------------|-----------------|-----------------|
| | URG1PV40S*N19 | URG1PV50S*N19 | URG2PV40T*N19 | URG2PV50T*N19 |
| 26 Natural Gas (N) Main Burner Assembly *** | 265-48329-01-37 | 265-48329-02-37 | 265-48329-05-37 | 265-48329-01-37 |
| 27 Screw #8-18 x 1/2 HWH | 239-32761-00 | 239-32761-00 | 239-32761-00 | 239-32761-00 |
| 28 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 |
| 29 Burner** | 228-48383-18 | 228-48383-20 | 228-48383-16 | 228-48383-18 |
| 30 Screw #6-20 x 3/8 PHCR | 239-43967-00 | 239-43967-00 | 239-43967-00 | 239-43967-00 |
| 31 Thermal Switch | 415-43676-03 | 415-43676-03 | 415-43676-03 | 415-43676-03 |
| 32 FVIR Sensor Plate | 239-48341-00 | 239-48341-00 | 239-48341-00 | 239-48341-00 |
| 33 Screw #8-18 x 3/4 HWH SLOT | 239-44195-00 | 239-44195-00 | 239-44195-00 | 239-44195-00 |
| 34 Flammable Vapor Sensor Clip | 239-45648-00 | 239-45648-00 | 239-45648-00 | 239-45648-00 |
| 35 Flammable Vapor Sensor | 415-45560-00 | 415-45560-00 | 415-45560-00 | 415-45560-00 |
| 36 Nat. Gas (N) Main Burner Orifice 0 Ft. to 10,100 Ft. ** | 234-18194-37 | 234-18194-37 | 234-18194-37 | 234-18194-37 |
| 37 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.



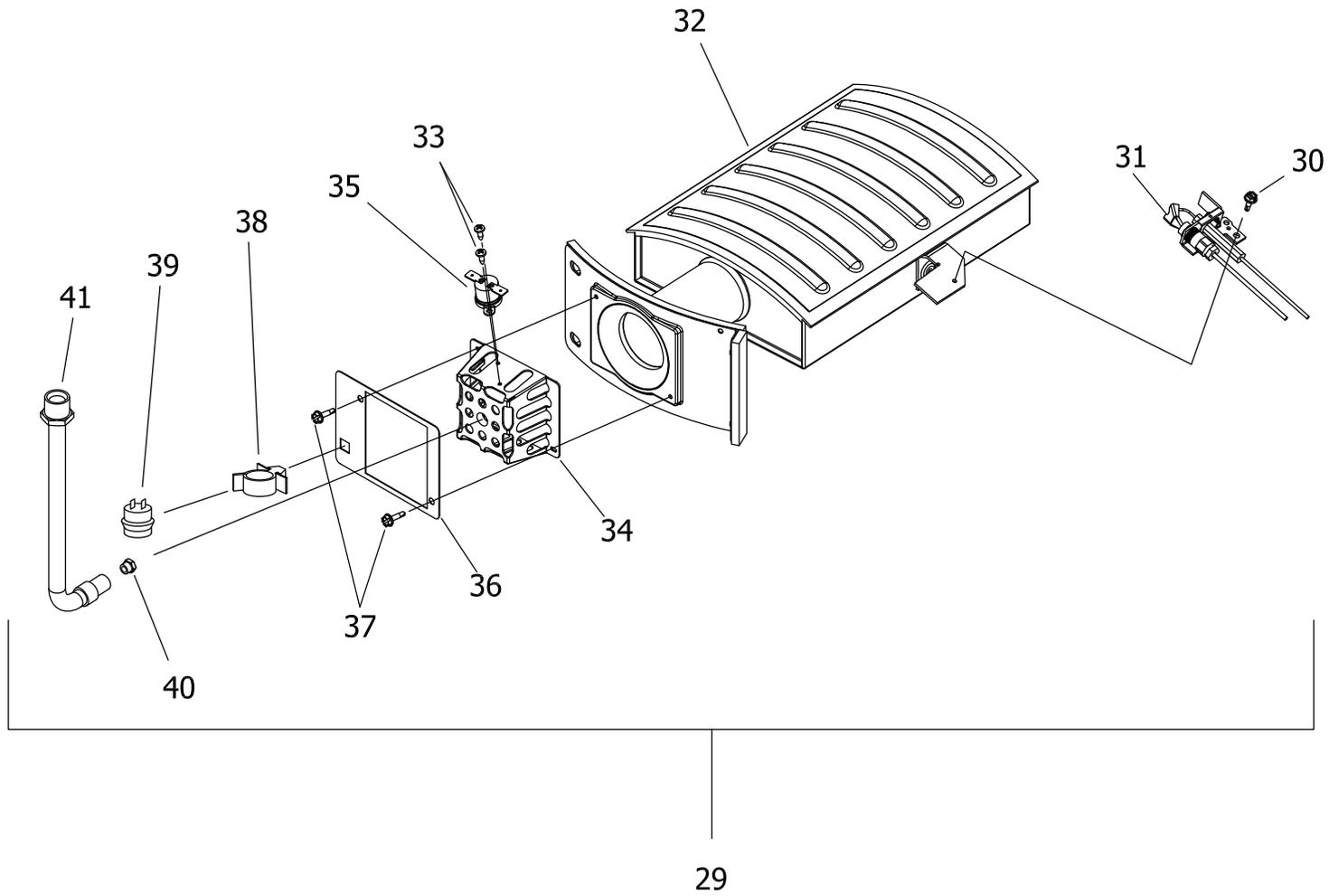
| Item | Description | Model | Model |
|------|---|---------------|-----------------|
| | | URG2PV50H*N19 | ULG2PV50H56*N19 |
| 1 | Blower Complete | 415-54694-00 | 415-54694-00 |
| 2 | Gasket Adapter Rubber PVC | 415-53864-00 | 415-53864-00 |
| 3 | Pressure Switch | 415-45867-06 | 415-45867-06 |
| 4 | Blower Temperature Switch | 415-53995-00 | 415-53995-00 |
| 5 | Blower Gasket | 415-53693-00 | 415-53693-00 |
| 6 | Flue Reducer | 239-53963-00 | 239-53963-00 |
| 7 | Heat Trap Insert (Outlet) | 415-45167-00 | 415-45167-00 |
| 8 | Hot Water Outlet Anode (Magnesium)▲ # | 415-47776-19 | 415-47776-19 |
| | Hot Water Outlet Anode (Aluminum)▲# | 415-32999-42 | 415-32999-42 |
| | Hot Water Outlet Anode (A420 Aluminum)▲ # | 415-49560-10 | 415-49560-10 |
| 9 | Flue Baffle | 239-45373-00 | 239-45373-00 |
| 10 | Heat Trap Insert (Inlet) | 415-51556-00 | 415-45167-00 |
| 11 | Cold Water Inlet Dip Tube (PEX)▲▲ | 415-51230-20 | --- |
| | Cold Water Inlet Dip Tube (Polysulfone)▲▲ | --- | 229-45092-08 |
| 12 | Blower Harness | 239-53966-02 | 239-53966-02 |
| 13 | T&P Relief Valve | 415-40594-02 | 415-40594-02 |
| 14 | 3/4" NPT Pipe Plug | 239-11638-00 | 239-11638-00 |
| 15 | Right Side Inner Door Complete | 239-48216-18 | 239-48216-18 |
| 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 | 415-42351-02 | 415-42351-02 |
| 20 | Outer Door | 239-46209-00 | 239-46209-00 |
| 21 | Gas Valve Natural Gas | 239-49823-02 | 239-49823-04 |
| 22 | Flammable Vapor Sensor Harness | 239-50066-00 | 239-50066-00 |
| 23 | 3" Exhaust Adaptor w/Vent Terminal | 239-54316-00 | 239-54316-00 |
| 24 | Condensate Hose Kit (Optional) | 415-45875-00 | 415-45875-00 |
| 25 | Kit-Heat Trap Insert | 265-51572-00 | 265-45420-00 |
| 26 | ASSE Approved Mixing Valve (Optional) | 239-51778-00 | 239-51778-00 |
| 27 | Kit-Inner Door Gasket (Ultra Low NOx) | 239-51576-00 | 239-51576-00 |
| 28 | Kit-Insulation | 239-48949-00 | 239-48949-00 |

* Applies to all warranties

Anode may need to be cut to length

▲ Order with item 8

▲▲ Order with item 11

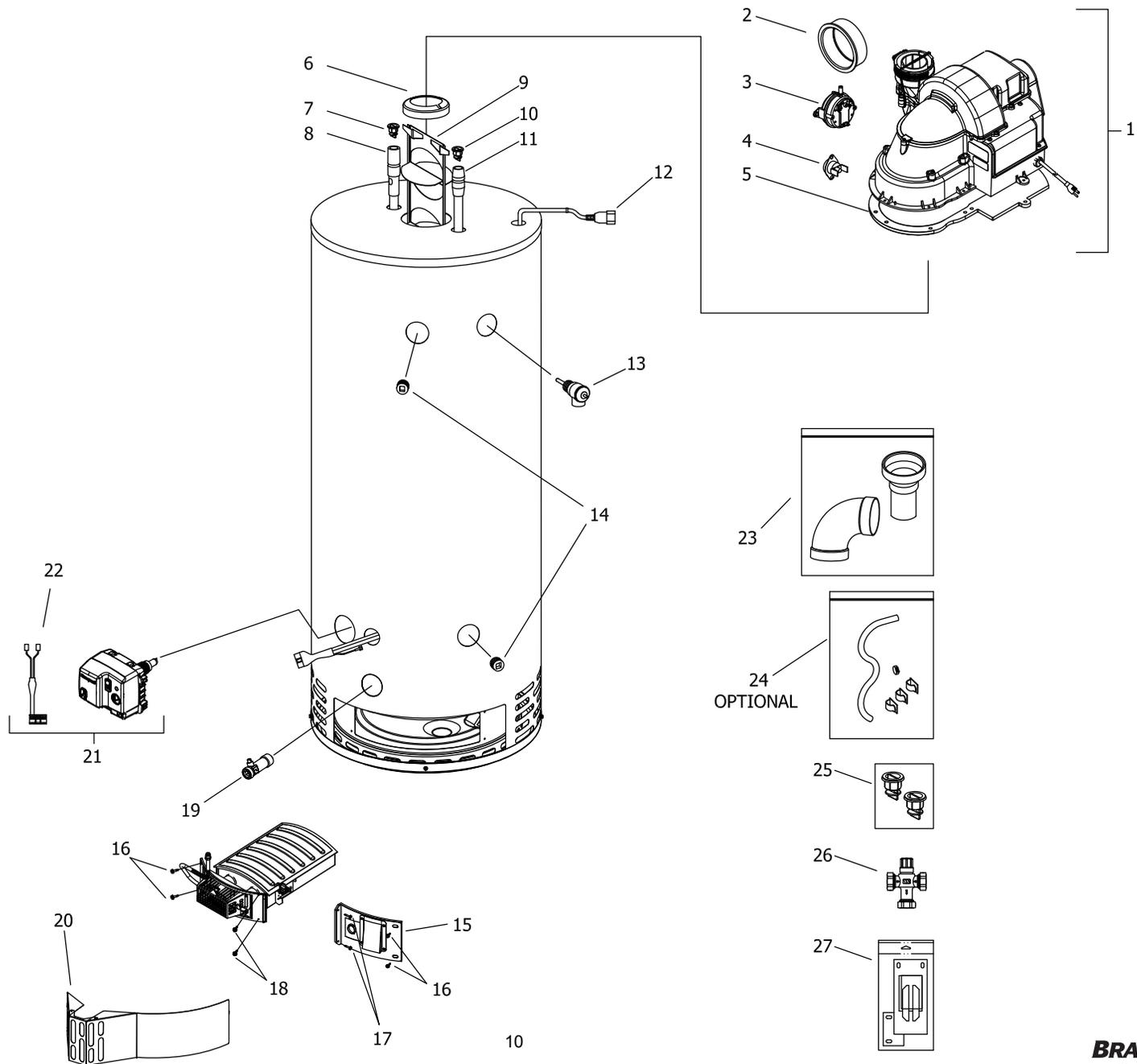


| Item Description | Model | Model |
|--|-----------------|-----------------|
| | URG2PV50H*N19 | ULG2PV50H56*N19 |
| 29 Burner Assembly*** | 265-48329-03-32 | 265-48329-03-32 |
| 30 Screw #8-18 x 1/2 HWH | 239-32761-00 | 239-32761-00 |
| 31 Pilot Assembly** | 233-48175-04 | 233-48175-04 |
| Pilot Assembly 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 10,100 Ft. ** | 234-18194-32 | 234-18194-32 |
| 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.



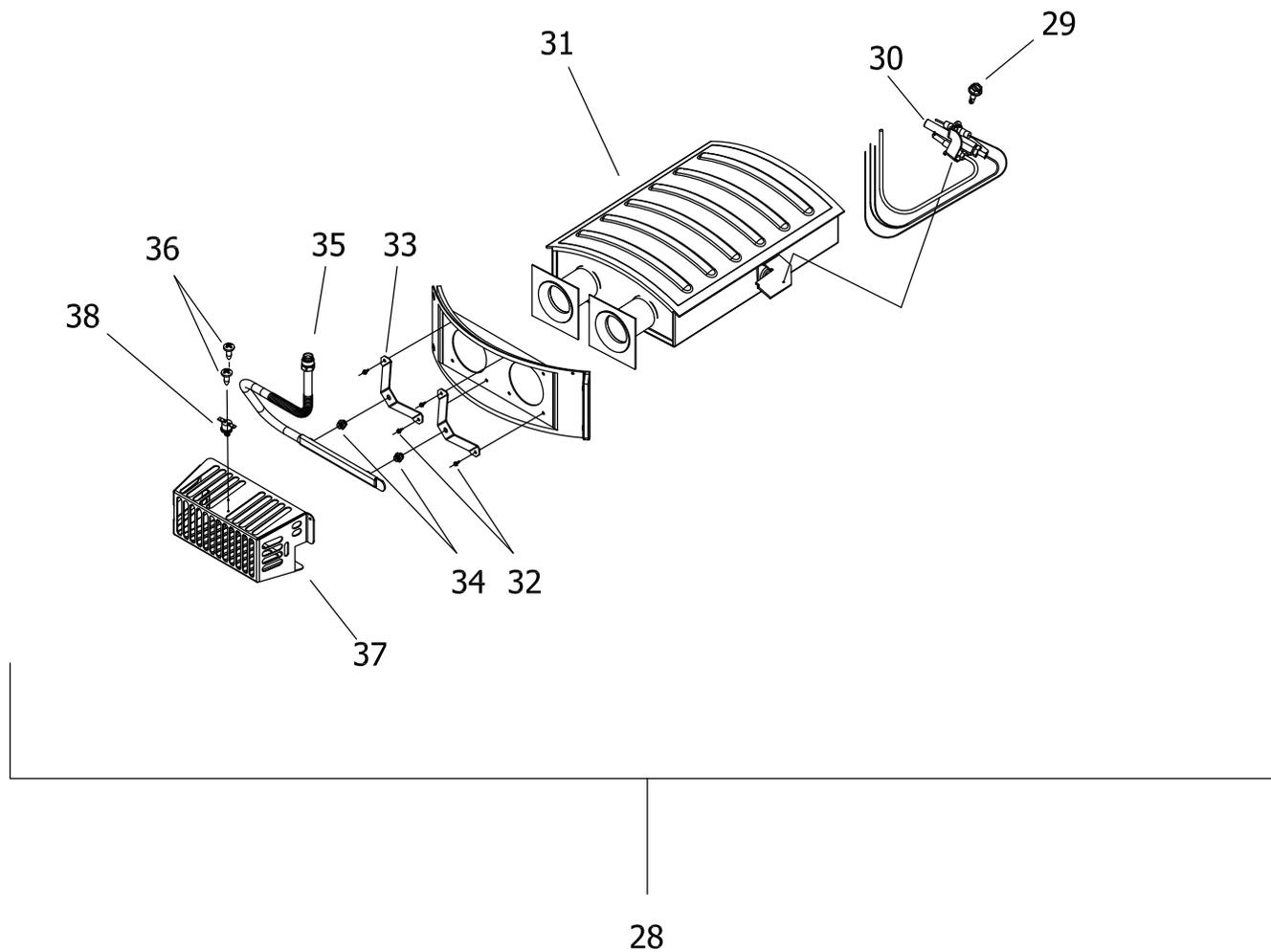
| Item Description | Model | Model |
|--|---------------|-----------------|
| | URG2PV75H*N19 | ULG2PV75H76*N19 |
| 1 Blower Complete | 415-53964-00 | 415-53964-00 |
| 2 Gasket Adapter Rubber PVC | 415-53864-00 | 415-53864-00 |
| 3 Pressure Switch | 415-45867-07 | 415-45867-07 |
| 4 Blower Temperature Switch | 415-53995-00 | 415-53995-00 |
| 5 Blower Gasket | 415-53693-00 | 415-53693-00 |
| 6 Flue Reducer | 243-42572-00 | 243-42572-00 |
| 7 Heat Trap Insert (Outlet) | 415-45167-00 | 415-45167-00 |
| 8 Hot Water Outlet Anode (Magnesium)▲ # | 415-47776-19 | 415-47776-19 |
| Hot Water Outlet Anode (Aluminum)▲# | 415-32999-42 | 415-32999-42 |
| Hot Water Outlet Anode (A420 Aluminum)▲ # | 415-49560-10 | 415-49560-10 |
| 9 Flue Baffle | 239-45373-00 | 239-45373-00 |
| 10 Heat Trap Insert (Inlet) | 415-51556-00 | 415-51556-00 |
| 11 Cold Water Inlet Dip Tube (PEX)▲▲ | 415-51230-20 | 415-51230-29 |
| 12 Blower Harness | 239-53966-02 | 239-53966-02 |
| 13 T&P Relief Valve | 415-40594-02 | 415-40594-02 |
| 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 | 415-42351-02 | 415-42351-02 |
| 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 | 239-54316-00 | 239-54316-00 |
| 24 Condensate Hose Kit (Optional) | 415-45875-00 | 415-45875-00 |
| 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*N19 | ULG2PV75H76*N19 |
| 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 10,100 Ft. ** | 234-41034-37 | 234-41034-37 |
| 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.

Reference Chart of Anode Length by Model

| Model | Hex Head Anode Cut Length (End to end) | |
|-----------------|--|-------------|
| | Inches | Millimeters |
| URG1PV40S*N19 | 34 | 864 |
| URG1PV50S*N19 | 35 | 889 |
| URG2PV40T*N19 | 42 | 1067 |
| URG2PV50T*N19 | 44 | 1118 |
| URG2PV50h*N19 | 47.63 | 1210 |
| ULG2PV50H56*N19 | 47.63 | 1210 |
| URG2PV75H*N19 | 47.63 | 1210 |
| ULG2PV75H76*N19 | 47.63 | 1210 |



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 bwccotech@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