



RESIDENTIAL & LIGHT DUTY COMMERCIAL GAS REPLACEMENT PARTS LIST

High-Input Direct Vent Models “UDH1, UDH” Series Models



Models Covered:

URG2DV40S*N

(-OLY,-FLX,-SLD)

URG2DV50S*N

(-OLY,-FLX,-SLD)

URG2DV50H*N

(-OLY,-FLX,-SLD)

ULG2DV50H45*N

(-ONLY,-FLEX,-SOLID)

*Denotes warranty year

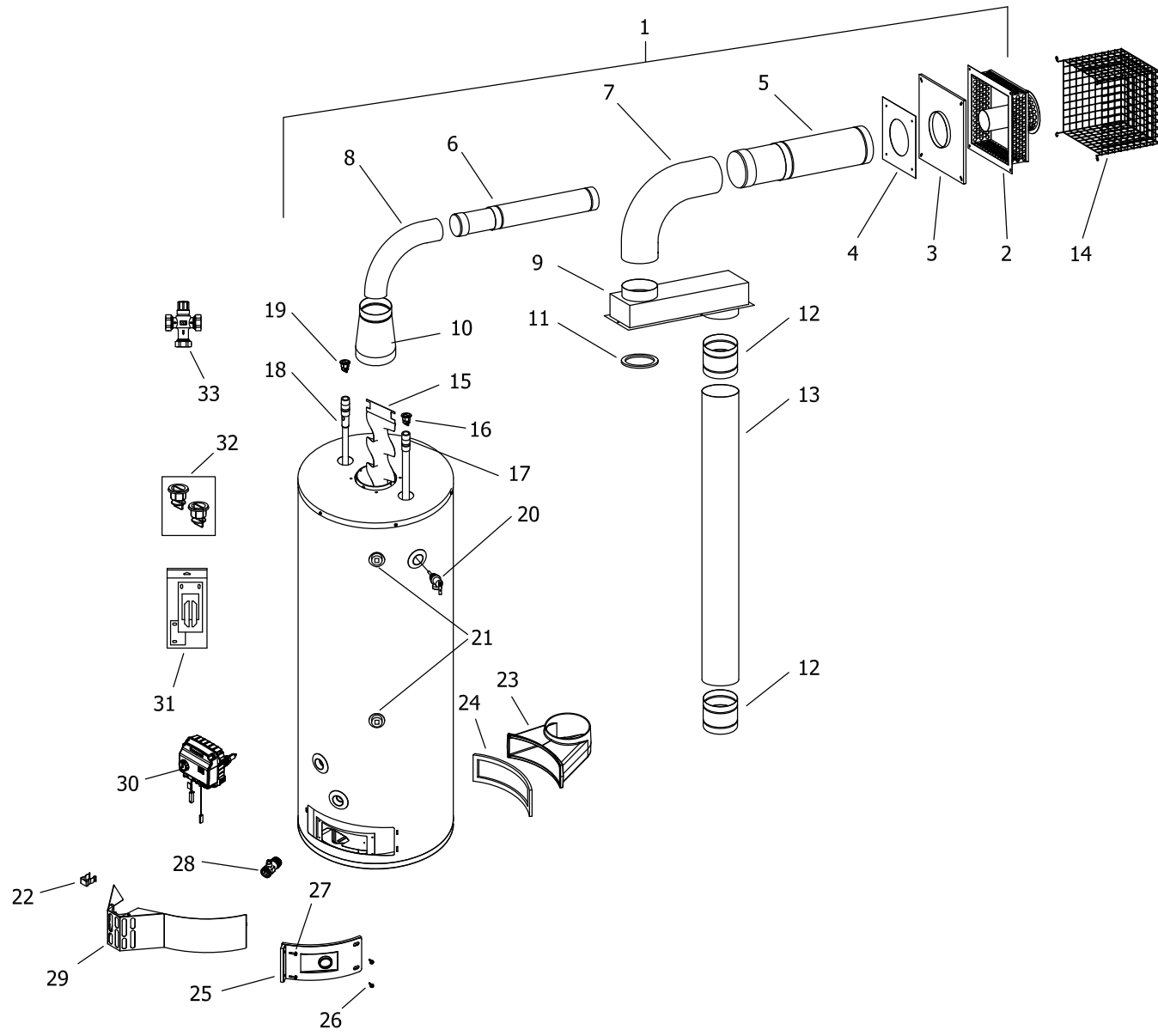
Effective: January, 2023
ECO 8248-3

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 URG2DV40S*N (-OLY,-FLX,-SLD)	Model URG2DV50S*N (-OLY,-FLX,-SLD)	Model URG2DV50H*N (-OLY,-FLX,-SLD)	Model ULG2DV50H45*N (-ONLY,-FLEX,-SOLID)
1	Vent Package Aluminum (Solid)	415-51283-00	415-51283-00	415-51286-00	415-51286-00
	Vent Package Aluminum (Flexible)	415-51284-00	415-51284-00	415-51287-00	415-51287-00
2	Direct Vent-Air Intake Terminal (Aluminum) (Flexible & Solid)	415-41425-00	415-41425-00	239-42274-00	239-42274-00
3	Outer Wall Mounting Plate (Aluminum) (Flexible & Solid)	415-41431-00	415-41431-00	239-42447-00	239-42447-00
4	4" Diameter Telescopic Vent Tube (Solid Only)	---	---	239-42460-00	239-42460-00
	3" Diameter Telescopic Vent Tube (Solid Only)	239-41005-00	239-41005-00	---	---
5	6" Diameter Elbow (Solid Only)	---	---	239-42067-00	239-42067-00
	5" Diameter Elbow (Solid Only)	239-41007-00	239-41007-00	---	---
6	4" Diameter Elbow (Solid Only)	---	---	239-42068-00	239-42068-00
	3" Diameter Elbow (Solid Only)	239-41008-00	239-41008-00	---	---
7	Plenum	239-47663-00	239-47663-00	239-47668-01	239-47668-01
8	Flue Reducer	239-41009-00	239-41009-00	239-42066-00	239-42066-00
9	Plenum Gasket	239-41070-01	239-41070-01	239-41070-02	239-41070-02
10	Coupler	239-50102-00	239-50102-00	239-50102-00	239-50102-00
11	Air Intake Tube	239-50099-05	239-50099-06	239-50099-06	239-50099-05
12	Direct Vent-Air Intake Terminal Guard (Optional)	415-41453-00	415-41453-00	415-41453-00	415-41453-00
13	Flue Baffle	243-47511-00	243-51013-00	243-50921-00	243-50921-00
14	Heat Trap Insert (Inlet & Outlet) Kit	265-51572-00	265-51572-00	265-51572-00	265-51572-00
15	Cold Water Inlet Diptube (PEX) ▲	415-51230-25	229-51230-26	415-51230-20	415-51230-25
16	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) ▲#	415-49560-10	415-49560-10	415-49560-10	415-49560-10
17	T&P Relief Valve	415-40594-02	415-40594-02	415-40594-02	415-40594-02
18	3/4 NPT Plug	---	---	239-11638-00	239-11638-00
19	Feedline Spring Clip	239-47475-00	239-47475-00	239-47475-00	239-47475-00
20	Air Intake Boot w/Gasket	239-47771-18	239-47771-18	239-47771-18	239-47771-18
21	Right Side Inner Door w/Gasket	239-48216-18	239-48216-18	239-48216-18	239-48216-18
22	Screw-#10-12 x 3/4 HWH	239-52581-00	239-52581-00	239-52581-00	239-52581-00
23	Screw-8-15 X 3/4 INHXWS Slot	239-44195-00	239-44195-00	239-44195-00	239-44195-00
24	Brass Drain Valve	415-42351-02	415-42351-02	415-42351-02	415-42351-02
25	Outer Door	239-46209-00	239-46209-00	239-46209-00	239-46209-00
26	Gas Control Kit Direct Replacement Natural Gas	415-52913-02	415-52913-02	415-52913-02	415-52914-01
27	Inner Door Gasket Kit	239-49597-00	239-49597-00	239-49597-00	239-49597-00
28	ASSE Approved Mixing Valve (Optional)	239-51778-00	239-51778-00	239-51778-00	239-51778-00

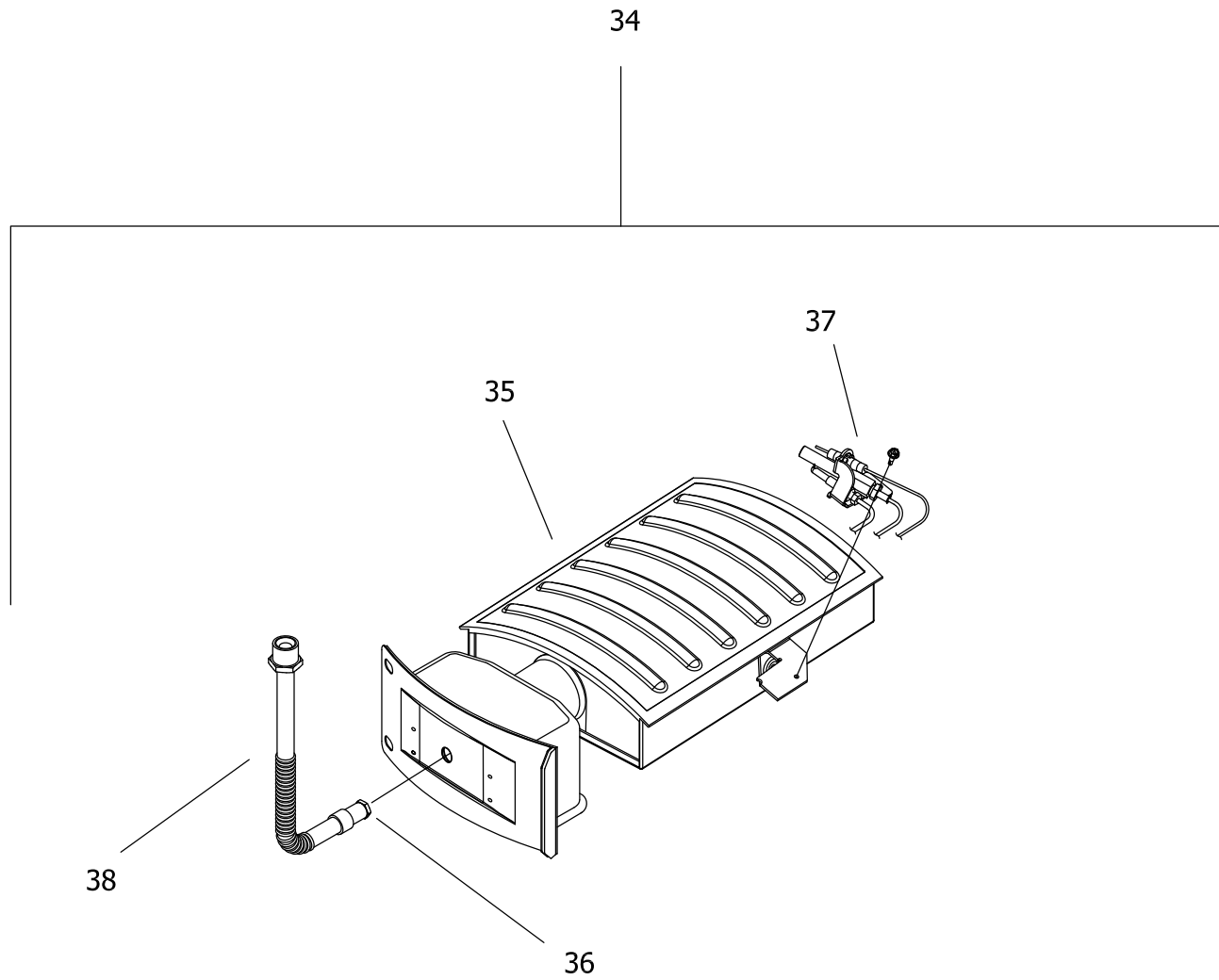
* Applies to all warranties

** Inner door gasket kit recommended

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

▲ Order with item 14

Anode may need to be cut to length



NATURAL GAS (BN) BURNER ASSEMBLY

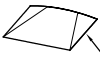
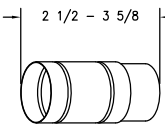
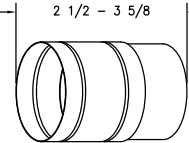
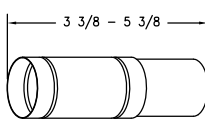
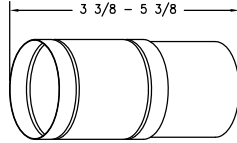
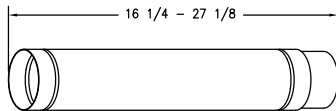
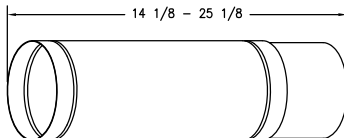
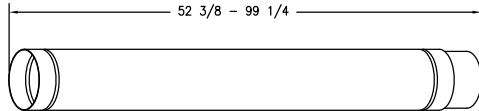
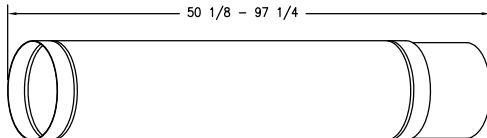
Item	Description	Model URG2DV40S*N (-ONLY,-FLEX,-SOLID)	Model URG2DV50S*N (-ONLY,-FLEX,-SOLID)	Model URG2DV50H*N (-ONLY,-FLEX,-SOLID)	Model ULG2DV50H45*N (-ONLY,-FLEX,-SOLID)
Natural Gas BN Burner Assembly					
34	Nat. Gas Burner Assembly Complete**	265-48800-05-37	265-48800-05-37	265-48800-05-34	265-48800-02-34
	Nat. Gas Burner Assembly High Altitude Complete (-475 model suffixes)**	265-48800-05-42	265-48800-05-42	265-48800-05-38	265-48800-02-38
35	Nat. Gas BN Burner*	228-48691-19	228-48691-19	228-48691-19	228-48691-19
36	Nat. Gas Main Burner Orifice 0 Ft. to 2,000 Ft.*	234-18194-37	234-18194-37	234-18194-34	234-18194-34
	Nat. Gas High Altitude Orifice 2,001 to 7,000 Ft. (-475 model suffixes) *	234-18194-42	234-18194-42	234-18194-38	234-18194-38
	Nat. Gas High Altitude Orifice Kit 7,001 to 10,000 Ft.	265-51320-01-43	265-51320-01-43	265-51320-01-42	265-51320-01-42
37	Pilot Assembly*	233-48720-04	233-48720-05	233-48720-05	233-48720-03
38	Universal Flex Feedline*	233-49006-01	233-49006-01	233-49006-01	233-49006-01

* Inner door gasket kit recommended

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

SOLID VENT KITS

URG2DV(40,50)S*N

 SILICONE SEALANT  BAG OF MOUNTING HARDWARE   DIRECT VENT-AIR INTAKE KIT A PART NO. 239-41260-00 (OPTIONAL)	 SILICONE SEALANT  BAG OF MOUNTING HARDWARE   DIRECT VENT-AIR INTAKE KIT B PART NO. 239-41331-00 (OPTIONAL)
 SILICONE SEALANT  BAG OF MOUNTING HARDWARE   DIRECT VENT-AIR INTAKE KIT C PART NO. 239-41029-00 (OPTIONAL) ABOVE TUBE LENGTHS SUPPLIED WITH HEATER	 SILICONE SEALANT  BAG OF MOUNTING HARDWARE   DIRECT VENT-AIR INTAKE KIT D PART NO. 239-41424-00 (OPTIONAL)

SOLID VENT KITS
U(L,R)G2DV50H(45)*N

		Horizontal "X"				
		16 1/4 17 3/16	18 20 11/16	25 1/4 35 3/16	37 3/4 57 7/8	61 5/16 107 5/16
Vertical "Y"	11 9/16	order kit F 239-42516-00	order kit G 239-42517-00	no add'l kit req'd	order kit H 239-42514-00	order kit I 239-42512-00
	16 5/16 17 1/4	order kit F *(2) 239-42516-00	order kit F & G 239-42516-00 239-42517-00	order kit F 239-42516-00	order kit F & H 239-42516-00 239-42514-00	order kit F & I 239-42516-00 239-42512-00
	18 1/16 20 3/4	order kit F & G 239-42516-00 239-42517-00	order kit G *(2) 239-42517-00	order kit G 239-42517-00	order kit G & H 239-42517-00 239-42514-00	order kit G & I 239-42517-00 239-42512-00
	25 5/16 35 1/4	order kit F 239-42516-00	order kit G 239-42517-00	order kit H 239-42514-00	order kit H *(2) 239-42514-00	order kit I 239-42512-00
	38 1/16 57 15/16	order kit F & H 239-42516-00 239-42514-00	order kit G & H 239-42517-00 239-42514-00	order kit H *(2) 239-42514-00	order kit H *(3) 239-42514-00	order kit H & I 239-42514-00 239-42512-00
	61 3/8 107 3/8	order kit F & I 239-42516-00 239-42512-00	order kit G & I 239-42517-00 239-42512-00	order kit I 239-42512-00	order kit H & I 239-42514-00 239-42512-00	order kit I *(2) 239-42512-00

*(2) = Order two kits

*(3) = Order three kits

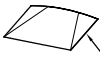
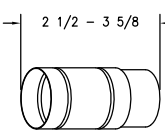
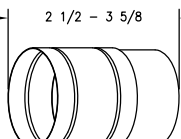
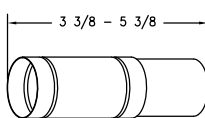
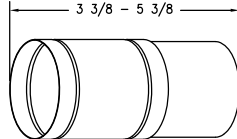
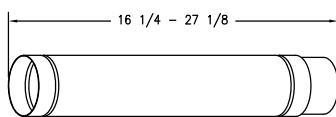
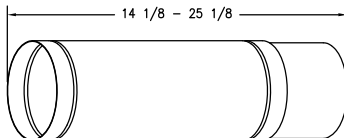
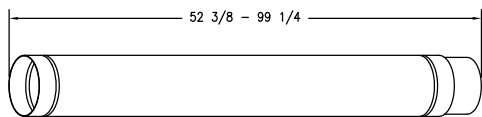
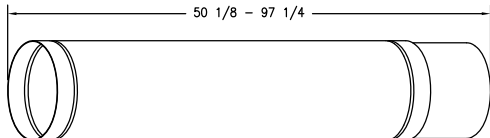
FLEXIBLE VENT KITS

Vertical Vent Height + Horizontal Vent Length	Kit Part Number
Less than 100 inches	239-48915-00
More than 100 inches	N/A*

*Do not attempt to use flexible vent hose at a distance greater than 100 inches.

SOLID VENT KITS

U(L,R)G2DV50H(45)*N

 SILICONE SEALANT  BAG OF MOUNTING HARDWARE   DIRECT VENT-AIR INTAKE KIT F PART NO. 239-42516-00 (OPTIONAL)	 SILICONE SEALANT  BAG OF MOUNTING HARDWARE   DIRECT VENT-AIR INTAKE KIT G PART NO. 239-42517-00 (OPTIONAL)
 SILICONE SEALANT  BAG OF MOUNTING HARDWARE   DIRECT VENT-AIR INTAKE KIT H PART NO. 239-42514-00 (OPTIONAL) ABOVE TUBE LENGTHS SUPPLIED WITH HEATER	 SILICONE SEALANT  BAG OF MOUNTING HARDWARE   DIRECT VENT-AIR INTAKE KIT I PART NO. 239-42512-00 (OPTIONAL)

SOLID VENT KITS

URG2DV(40,50)S*N

		Horizontal "X"				
		13 1/4 14 3/16	15 17 11/16	22 1/4 32 3/16	36 55 7/8	58 5/16 104 5/16
Vertical "Y"	10	order kit A 239-41260-00	order kit B 239-41331-00	no add'l kit req'd	order kit C 239-41029-00	order kit D 239-41424-00
	14 3/4 15 11/16	order kit A *(2) 239-41260-00	order kit A & B 239-41260-00 239-41331-00	order kit A 239-41260-00	order kit A & C 239-41260-00 239-41029-00	order kit A & D 239-41260-00 239-41424-00
	16 1/2 19 3/16	order kit A & B 239-41260-00 239-41331-00	order kit B *(2) 239-41331-00	order kit B 239-41331-00	order kit B & C 239-41331-00 239-41029-00	order kit B & D 239-41331-00 239-41424-00
	23 3/4 33 11/16	order kit A 239-41260-00	order kit B 239-41331-00	order kit C 239-41029-00	order kit C *(2) 239-41029-00	order kit D 239-41424-00
	37 1/2 57 3/8	order kit A & C 239-41260-00 239-41029-00	order kit B & C 239-41331-00 239-41029-00	order kit C *(2) 239-41029-00	order kit C *(3) 239-41029-00	order kit C & D 239-41029-00 239-41424-00
	59 13/16 105 13/16	order kit A & D 239-41260-00 239-41424-00	order kit B & D 239-41331-00 239-41424-00	order kit D 239-41424-00	order kit C & D 239-41029-00 239-41424-00	order kit D *(2) 239-41424-00

*(2) = Order two kits

*(3) = Order three kits

FLEXIBLE VENT KITS

Vertical Vent Height + Horizontal Vent Length	Kit Part Number
Less than 100 inches	239-47812-00
More than 100 inches	N/A*

*Do not attempt to use flexible vent hose at a distance greater than 100 inches.

Reference Chart of Anode Length by Model

Model	AOD Anode Cut (End to end)	
	Inches	Millimeters
URG2DV40S*N(-OLY,-FLX,-SLD)	39.13	994
URG2DV50S*N(-OLY,-FLX,-SLD)	47.63	1210
URG2DV50H*N(-OLY,-FLX,-SLD)	47.63	1210
ULG2DV50H45*N(-ONLY,-FLEX,-SOLID)	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 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