



## RESIDENTIAL GAS REPLACEMENT PARTS LIST

### Direct Vent Gas Models



**Models Covered:**  
DS(140, 150)S\*F(BN,CX, SX)  
DS(140, 150)S\*F(BN,SX)  
(-ONLY,-FLEX,-SOLID)  
\*Denotes warranty year

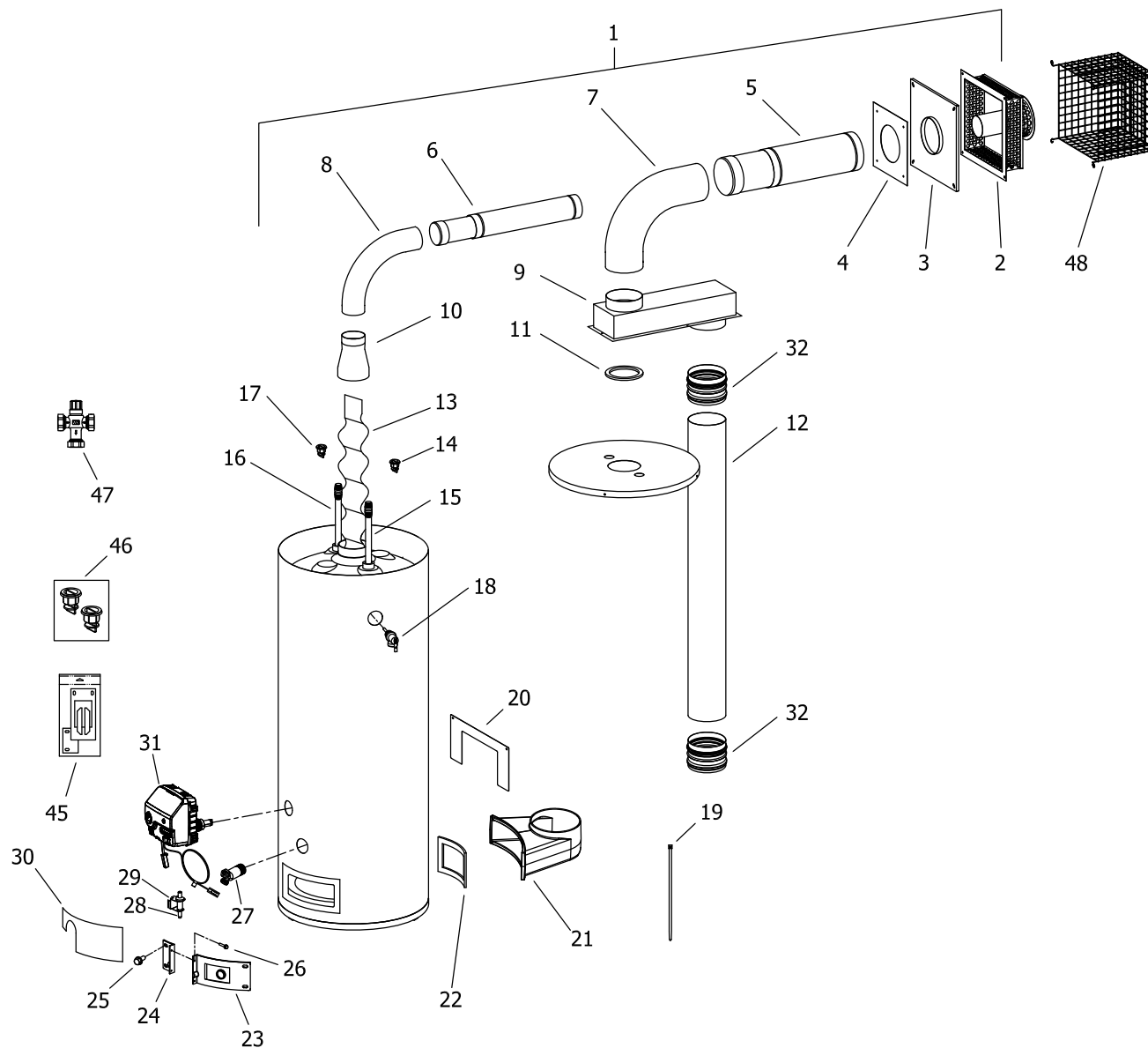
***Effective: October, 2024***  
***ECO 8780***

**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               | Model                                   |
|------|-----------------------------------------------------|---------------------|-----------------------------------------|---------------------|-----------------------------------------|
|      |                                                     | DS140S*F(BN,CX, SX) | DS140S*F(BN,SX)<br>(-ONLY,-FLEX,-SOLID) | DS150S*F(BN,CX, SX) | DS150S*F(BN,SX)<br>(-ONLY,-FLEX,-SOLID) |
| 1    | Vent Package (Solid)                                | 415-47810-00        | 415-47810-00                            | 415-47810-00        | 415-47810-00                            |
|      | Vent Package (Flexible)                             | ---                 | 415-47812-00                            | ---                 | 415-47812-00                            |
| 2    | Direct Vent-Air Intake Terminal (Flexible & Solid)  | 415-41425-00        | 415-41425-00                            | 415-41425-00        | 415-41425-00                            |
| 3    | Outer Wall Mounting Plate (Flexible & Solid)        | 415-41431-00        | 415-41431-00                            | 415-41431-00        | 415-41431-00                            |
| 4    | Inner Wall Mounting Plate (Flexible & Solid)        | 239-41433-00        | 239-41433-00                            | 239-41433-00        | 239-41433-00                            |
| 5    | 5" Diameter Telescopic Air Intake Tube (Solid Only) | 239-41006-00        | 239-41006-00                            | 239-41006-00        | 239-41006-00                            |
| 6    | 3" Diameter Telescopic Vent Tube (Solid Only)       | 239-41005-00        | 239-41005-00                            | 239-41005-00        | 239-41005-00                            |
| 7    | 5" Diameter Elbow (Solid Only)                      | 239-41007-00        | 239-41007-00                            | 239-41007-00        | 239-41007-00                            |
| 8    | 3" Diameter Elbow (Solid Only)                      | 239-41008-00        | 239-41008-00                            | 239-41008-00        | 239-41008-00                            |
| 9    | Plenum                                              | 239-41010-00        | 239-47663-00                            | 239-41010-00        | 239-47663-00                            |
| 10   | Flue Reducer                                        | 239-41009-00        | 239-41009-00                            | 239-41009-00        | 239-41009-00                            |
| 11   | Plenum Gasket                                       | 239-41070-01        | 239-41070-01                            | 239-41070-01        | 239-41070-01                            |
| 12   | Air Intake Tube ♦                                   | ---                 | ---                                     | ---                 | 239-50099-02                            |
| 13   | Flue Baffle                                         | 243-44648-00        | 243-47511-00                            | 243-44648-00        | 243-47412-00                            |
| 14   | Heat Trap Insert (Inlet)                            | 415-45073-00        | 415-45073-00                            | 415-45073-00        | 415-45073-00                            |
| 15   | Cold Water Inlet Dip Tube Polysulfone ▲▲            | ---                 | ---                                     | 229-51230-06        | 229-51230-06                            |
| 16   | Hot Water Outlet Anode Magnesium ▲                  | 415-47776-05        | 415-47776-05                            | ---                 | ---                                     |
|      | Aluminum Anode ▲                                    | 415-55484-00        | 415-55484-00                            | 415-55484-00        | 415-55484-00                            |
|      | A420 Aluminum Anode ▲#                              | 415-55486-00        | 415-55486-00                            | 415-55486-00        | 415-55486-00                            |
| 17   | Heat Trap Insert (Outlet)                           | 415-45167-00        | 415-45167-00                            | 415-45167-00        | 415-45167-00                            |
| 18   | T&P Relief Valve                                    | 415-32920-01        | 415-32920-01                            | 415-32920-01        | 415-32920-01                            |
| 19   | Wire Tie                                            | 239-44328-00        | 239-44328-00                            | 239-44328-00        | 239-44328-00                            |
| 20   | Direct Vent Boot Escutcheon                         | 243-46922-00        | ---                                     | 243-46922-00        | ---                                     |
| 21   | Air Intake Boot                                     | 239-47771-18        | 239-47771-18                            | 239-47771-18        | 239-47771-18                            |
| 22   | Air Intake Boot Gasket                              | w/ Intake Boot      | w/ Intake Boot                          | w/ Intake Boot      | w/ Intake Boot                          |
| 23   | Right Side Inner Door                               | 239-45642-18        | 239-45642-18                            | 239-45642-18        | 239-45642-18                            |
| 24   | Left Side Inner Door                                | 239-43968-18        | 239-43968-18                            | 239-43968-18        | 239-43968-18                            |
| 25   | Screw-#10-12 x 3/4 HWH                              | 239-52581-00        | 239-52581-00                            | 239-52581-00        | 239-52581-00                            |
| 26   | Screw-#8-18 x 3/4 HWH                               | 239-44195-00        | 239-44195-00                            | 239-44195-00        | 239-44195-00                            |
| 27   | Brass Drain Valve                                   | 415-42351-02        | 415-42351-02                            | 415-42351-02        | 415-42351-02                            |
| 28   | Outer Door                                          | 239-43962-00        | 239-43962-00                            | 239-43962-00        | 239-43962-00                            |
| 29   | Gas Control Direct Replacement Natural Gas          | 415-52907-01        | 415-52907-01                            | 415-52907-01        | 415-52907-01                            |
|      | Gas Control Direct Replacement LP Gas               | 415-52909-01        | 415-52909-01                            | 415-52909-01        | 415-52909-01                            |
|      | Gas Control Universal Replacement Natural Gas       | 415-53359-00        | 415-53359-00                            | 415-53359-00        | 415-53359-00                            |
|      | Gas Control Universal Replacement LP Gas            | 415-53360-00        | 415-53360-00                            | 415-53360-00        | 415-53360-00                            |
| 30   | Coupler (2 Required) ♦                              | ---                 | 239-50102-00                            | ---                 | 239-50102-00                            |

\*Applies to all warranties

\*\*Inner door gasket kit recommended

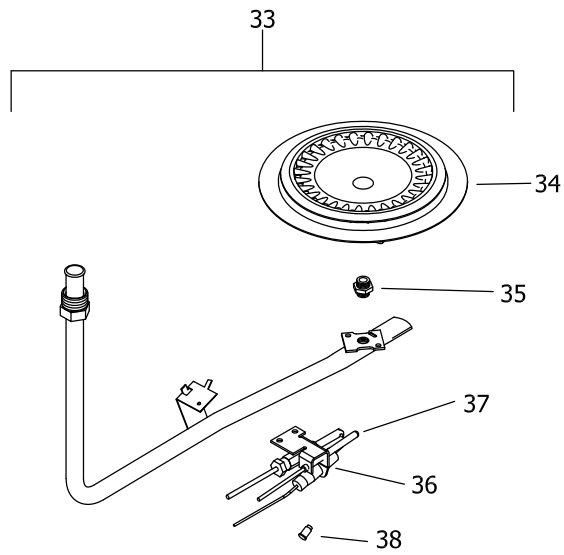
\*\*\*Ordering a complete burner assembly may increase delivery time. Please order the specific component required for the quickest delivery.

# A420 Anode may need to be cut to length

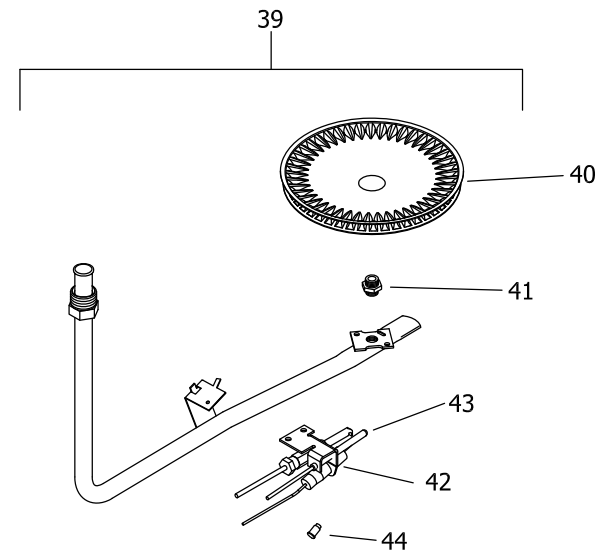
▲ Order with item 17

▲▲ Order with item 14

♦ Air intake tube (item 12) must be ordered with coupler (item 32).



NATURAL GAS (BN) BURNER ASSEMBLY

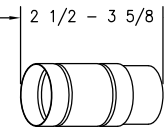
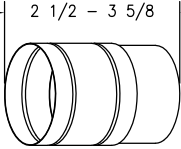
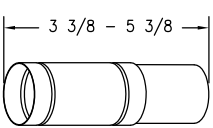
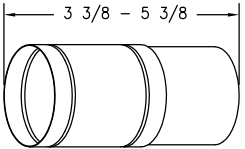
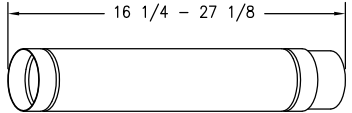
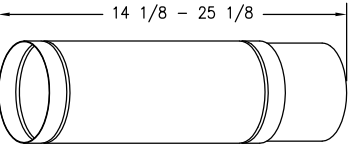
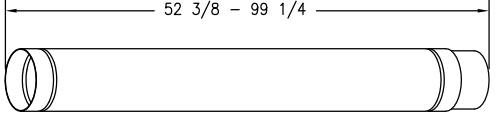
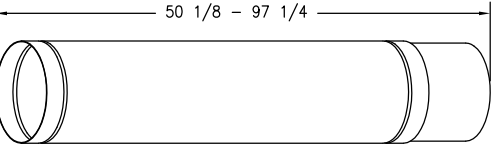


LP GAS (SX) BURNER ASSEMBLY

LP GAS (SX) BURNER ASSEMBLY TO REPLACE LP GAS (CX) BURNER ASSEMBLY

| Item | Description                                      | Model                                                 | Model                                   | Model               | Model                                   |
|------|--------------------------------------------------|-------------------------------------------------------|-----------------------------------------|---------------------|-----------------------------------------|
|      |                                                  | DS140S*F(BN,CX, SX)                                   | DS140S*F(BN,SX)<br>(-ONLY,-FLEX,-SOLID) | DS150S*F(BN,CX, SX) | DS150S*F(BN,SX)<br>(-ONLY,-FLEX,-SOLID) |
|      | <b><u>Natural Gas BN Burner Assembly</u></b>     |                                                       |                                         |                     |                                         |
| 31   | Nat Gas Burner Assembly Complete***              | 265-47439-07-33                                       | 265-47439-07-33                         | 265-47439-07-32     | 265-47439-07-32                         |
| 32   | Nat. Gas BN Burner**                             | 228-42506-00                                          | 228-42506-00                            | 228-42506-00        | 228-42506-00                            |
| 33   | Nat. Gas Main Burner Orifice**                   | 234-41034-33                                          | 234-41034-33                            | 234-41034-32        | 234-41034-32                            |
|      | Nat. Gas High Altitude 2001 Ft. to 5000 Ft.**    | 234-41034-36                                          | 234-41034-36                            | 234-41034-36        | 234-41034-36                            |
|      | Nat. Gas High Altitude 5001 Ft. to 8000 Ft.**    | 234-41034-36                                          | 234-41034-36                            | 234-41034-38        | 234-41034-38                            |
|      | Nat. Gas High Altitude Over 8000 Ft.**           | 234-41034-40                                          | 234-41034-40                            | 234-41034-38        | 234-41034-38                            |
| 34   | Nat. Gas Pilot Assembly (White Rodgers)**        | 233-46277-04                                          | 233-46277-04                            | 233-46277-04        | 233-46277-04                            |
|      | Nat. Gas Pilot Assembly (Resideo)**              | 233-48077-03                                          | 233-48077-03                            | 233-48077-03        | 233-48077-03                            |
| 35   | Thermocouple (White Rodgers)**                   | 415-46501-24                                          | 415-46501-24                            | 415-46501-24        | 415-46501-24                            |
| 36   | Nat. Gas Pilot Orifice (White Rodgers)**         | 234-46502-05                                          | 234-46502-05                            | 234-46502-05        | 234-46502-05                            |
|      | <b><u>LP Gas SX Burner Assembly</u></b>          | <b><u>Replacement for LP Gas Cast Iron Burner</u></b> |                                         |                     |                                         |
| 37   | LP Gas Burner Assembly Complete***               | 265-47440-11-50                                       | 265-47440-11-50                         | 265-47440-11-49     | 265-47440-11-49                         |
| 38   | LP Gas SX Burner**                               | 228-46964-00                                          | 228-46964-00                            | 228-46964-00        | 228-46964-00                            |
| 39   | LP Gas Main Burner Orifice**                     | 234-47064-50                                          | 234-47064-50                            | 234-47064-49        | 234-47064-49                            |
|      | LP Gas High Altitude 2001 Ft. to 5000 Ft.**      | 234-47064-51                                          | 234-47064-51                            | 234-47064-51        | 234-47064-51                            |
|      | LP Gas High Altitude 5001 Ft. to 8000 Ft.**      | 234-47064-52                                          | 234-47064-52                            | 234-47064-52        | 234-47064-52                            |
|      | LP Gas High Altitude Over 8000 Ft.**             | 234-47064-53                                          | 234-47064-53                            | 234-47064-52        | 234-47064-52                            |
| 40   | LP Gas Pilot Assembly (White Rodgers)**          | 233-46278-03                                          | 233-46278-03                            | 233-46278-03        | 233-46278-03                            |
|      | LP Gas Pilot Assembly (Resideo)**                | 233-48078-03                                          | 233-48078-03                            | 233-48078-03        | 233-48078-03                            |
| 41   | Thermocouple (White Rodgers)**                   | 415-46501-24                                          | 415-46501-24                            | 415-46501-24        | 415-46501-24                            |
| 42   | LP Gas Pilot Orifice (White Rodgers)**           | 234-46502-02                                          | 234-46502-02                            | 234-46502-02        | 234-46502-02                            |
| 43   | Inner Door Gasket Kit                            | 239-44078-00                                          | 239-44078-00                            | 239-44078-00        | 239-44078-00                            |
| 44   | Heat Trap Insert Kit                             | 265-45420-00                                          | 265-45420-00                            | 265-45420-00        | 265-45420-00                            |
| 45   | ASSE Approved Mixing Valve (Optional)            | 239-51778-00                                          | 239-51778-00                            | 239-51778-00        | 239-51778-00                            |
| 46   | Direct Vent-Air Intake Terminal Guard (Optional) | 415-41453-00                                          | 415-41453-00                            | 415-41453-00        | 415-41453-00                            |
| -    | LP to Natural Gas Conversion Kit (Norm Alt.)     | 265-53745-31                                          | 265-53745-51                            | 265-53745-32        | 265-53745-52                            |
| -    | LP to Natural Gas Conversion Kit (High Alt.)     | 265-53745-36                                          | 265-53745-56                            | 265-53745-37        | 265-53745-57                            |

## SOLID VENT KITS

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

### SOLID VENT KITS

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



## United States

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|                          |                                             |
|--------------------------|---------------------------------------------|
| <b>Sales</b>             | <b>1-800-523-2931</b>                       |
| <b>Technical Support</b> | <b>1-800-334-3393</b>                       |
| <b>Email</b>             | <b><i>techsupport@bradfordwhite.com</i></b> |
| <b>Warranty</b>          | <b>1-800-531-2111</b>                       |
| <b>Email</b>             | <b><i>warranty@bradfordwhite.com</i></b>    |
| <b>Service Parts</b>     | <b>1-800-538-2020</b>                       |
| <b>Email</b>             | <b><i>parts@bradfordwhite.com</i></b>       |

## Canada

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|                                 |                                             |
|---------------------------------|---------------------------------------------|
| <b>Sales</b>                    | <b>1-866-690-0961 1-905-203-0600</b>        |
| <b>Fax</b>                      | <b>905-636-0666</b>                         |
| <b>Warranty</b>                 | <b>1-800-531-2111</b>                       |
| <b>Email</b>                    | <b><i>warranty@bradfordwhite.com</i></b>    |
| <b>Technical Support</b>        | <b>1-800-334-3393</b>                       |
| <b>Email</b>                    | <b><i>techsupport@bradfordwhite.com</i></b> |
| <b>Service Parts and Orders</b> | <b><i>ca.orders@bradfordwhite.com</i></b>   |

For U.S. and Canada field service, contact your professional installer or local Bradford White sales representative.

## International

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|                        |                                               |
|------------------------|-----------------------------------------------|
| <b>General Contact</b> | <b><i>international@bradfordwhite.com</i></b> |
|------------------------|-----------------------------------------------|