



## RESIDENTIAL GAS REPLACEMENT PARTS LIST

### Combi1™ and Combi2™ TTW® Models (CSW2TW, CDW2TW)



**DEFENDER**  
SAFETY SYSTEM®

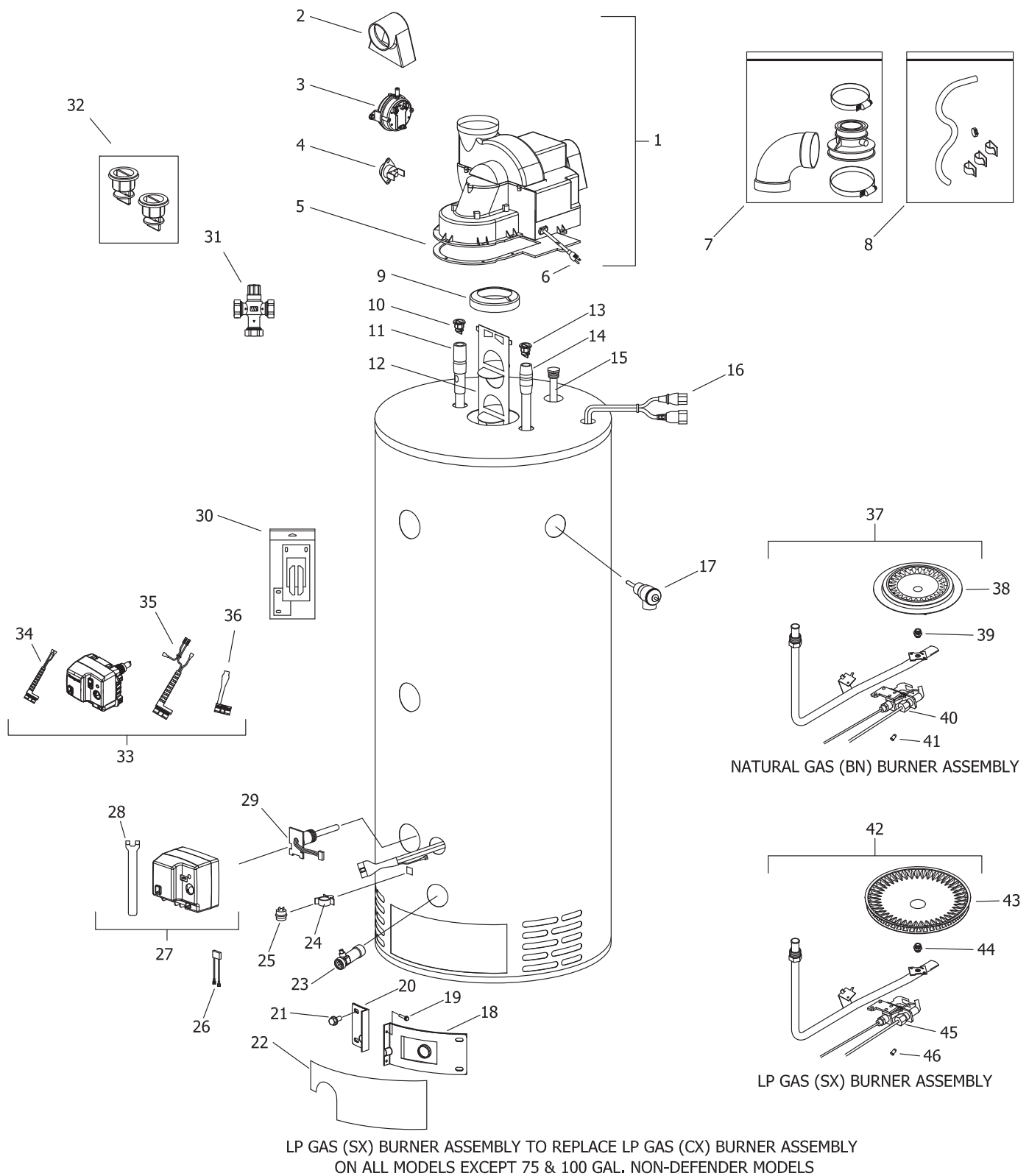
Includes Hydrojet®  
Total Performance System

***Effective: June, 2018***  
***ECO 8195***

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

Dimensions and specifications  
subject to change without notice.

# CDW2TW50T SERIES



| Item                                                         | Description                                       | Model                      |
|--------------------------------------------------------------|---------------------------------------------------|----------------------------|
|                                                              |                                                   | C(D,S)W2TW50T10F(BN,CX,SX) |
| 1                                                            | Blower Complete (Normal altitude)                 | 265-45583-00               |
|                                                              | Blower Complete (High altitude)                   | 243-45986-00               |
| 2                                                            | Air Mixing Inlet                                  | 239-45868-00               |
| 3                                                            | Pressure Switch (Normal altitude)                 | 239-45867-02               |
|                                                              | Pressure Switch (High altitude)                   | 239-45867-04               |
| 4                                                            | Blower Temperature Switch                         | 239-45865-00               |
| 5                                                            | Blower Gasket                                     | 239-45866-00               |
| 6                                                            | Blower Power Cord                                 | 239-45990-00               |
| 7                                                            | 3" Vent Adaptor with Vent Terminal                | 239-46264-00               |
| 8                                                            | Condensate Hose Kit (Optional)                    | 239-45875-00               |
| 9                                                            | Flue Reducer                                      | 243-42572-00               |
| 10                                                           | Heat Trap Insert (Outlet)                         | 239-45167-00               |
| 11                                                           | Hot Water Outlet Anode (Aluminum)▲                | 224-47778-11               |
|                                                              | Hot Water Outlet Anode (A420 Aluminum)▲#          | 224-49560-08               |
| 12                                                           | Flue Baffle                                       | 239-45373-00               |
| 13                                                           | Heat Trap Insert (Inlet)                          | 239-45073-00               |
| 14                                                           | Cold Water Inlet Dip Tube▲▲                       | 229-45092-01               |
| 15                                                           | Plug Type Anode (Aluminum)                        | 224-47783-07               |
| 16                                                           | Blower Harness                                    | 239-45617-02               |
| 17                                                           | T&P Valve                                         | 230-40594-02               |
| 18                                                           | Right Side Inner Door                             | 239-45642-18               |
| 19                                                           | Screw #8-15 x 3/4                                 | 239-44195-00               |
| 20                                                           | Left side Inner door                              | 239-43968-18               |
| 21                                                           | Screw #10-12 x 3/4                                | 239-44113-00               |
| 22                                                           | Outer Door                                        | 243-43962-00               |
| 23                                                           | Brass Drain Valve                                 | 227-48070-02               |
| 24                                                           | Flammable Vapor Sensor Clip                       | 239-45648-00               |
| 25                                                           | Flammable Vapor Sensor                            | 239-45560-00               |
| 26                                                           | Sensor Harness                                    | 239-45620-00               |
| 27                                                           | Gas Valve Natural Gas♦                            | 239-45613-02               |
|                                                              | Gas Valve LP Gas♦                                 | 239-45614-02               |
| 28                                                           | Gas Valve Service Tool♦                           | 239-45991-00               |
| 29                                                           | Thermal Well♦                                     | 239-45651-02               |
| 30                                                           | Kit-Inner Door Gasket                             | 239-44078-00               |
| 31                                                           | ASSE Approved Mixing Valve                        | 239-51778-00               |
| 32                                                           | Kit-Heat Trap Insert                              | 265-45419-00               |
| 33                                                           | Gas Valve Natural Gas♦♦                           | 239-48795-04               |
|                                                              | Gas Valve LP Gas♦♦                                | 239-48796-04               |
| 34                                                           | Flammable Vapor Sensor Harness♦♦                  | 239-49791-00               |
| 35                                                           | FV Sensor and Thermal Switch Harness♦♦            | 239-50066-00               |
| 36                                                           | Simulated Resistive Device Harness♦♦              | 239-49817-00               |
| <b>Natural Gas (BN) Burner Assembly</b>                      |                                                   |                            |
| 37                                                           | Nat. Gas (BN) Burner Assembly Complete**          | 265-47439-06-26            |
| 38                                                           | Nat. Gas (BN) Burner*                             | 228-42506-00               |
| 39                                                           | Nat. Gas (BN) Main Burner Orifice*                | 234-41034-26               |
|                                                              | Nat. Gas (BN) High Altitude 2000 Ft. to 5000 Ft.* | 234-41034-29               |
|                                                              | Nat. Gas (BN) High Altitude 5000 Ft. to 8000 Ft.* | 234-41034-30               |
|                                                              | Nat. Gas (BN) High Altitude Over 8000 Ft.*        | 234-41034-31               |
| 40                                                           | Nat. Gas Pilot Assembly*                          | 233-45653-02               |
| 41                                                           | Nat. Gas Pilot Orifice*                           | 234-45869-01               |
| <b>LP Gas (SX) Burner Assembly</b>                           |                                                   |                            |
| <b>Replacement for LP Gas (CX) Cast Iron Burner Assembly</b> |                                                   |                            |
| 42                                                           | LP Gas (SX) Burner Assembly Complete**            | 265-47440-10-43            |
| 43                                                           | LP Gas (SX) Burner*                               | 228-47000-00               |
| 44                                                           | LP Gas (SX) Main Burner Orifice*                  | 234-35928-43               |
|                                                              | LP Gas (SX) High Altitude 2000 Ft. to 5000 Ft.*   | 234-35928-44               |
|                                                              | LP Gas (SX) High Altitude 5000 Ft. to 8000 Ft.*   | 234-35928-47               |
|                                                              | LP Gas (SX) High Altitude Over 8000 Ft.*          | 234-35928-47               |
| 45                                                           | LP Gas Pilot Assembly*                            | 233-45653-04               |
| 46                                                           | LP Gas Pilot Orifice*                             | 234-45869-02               |

\*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 10.

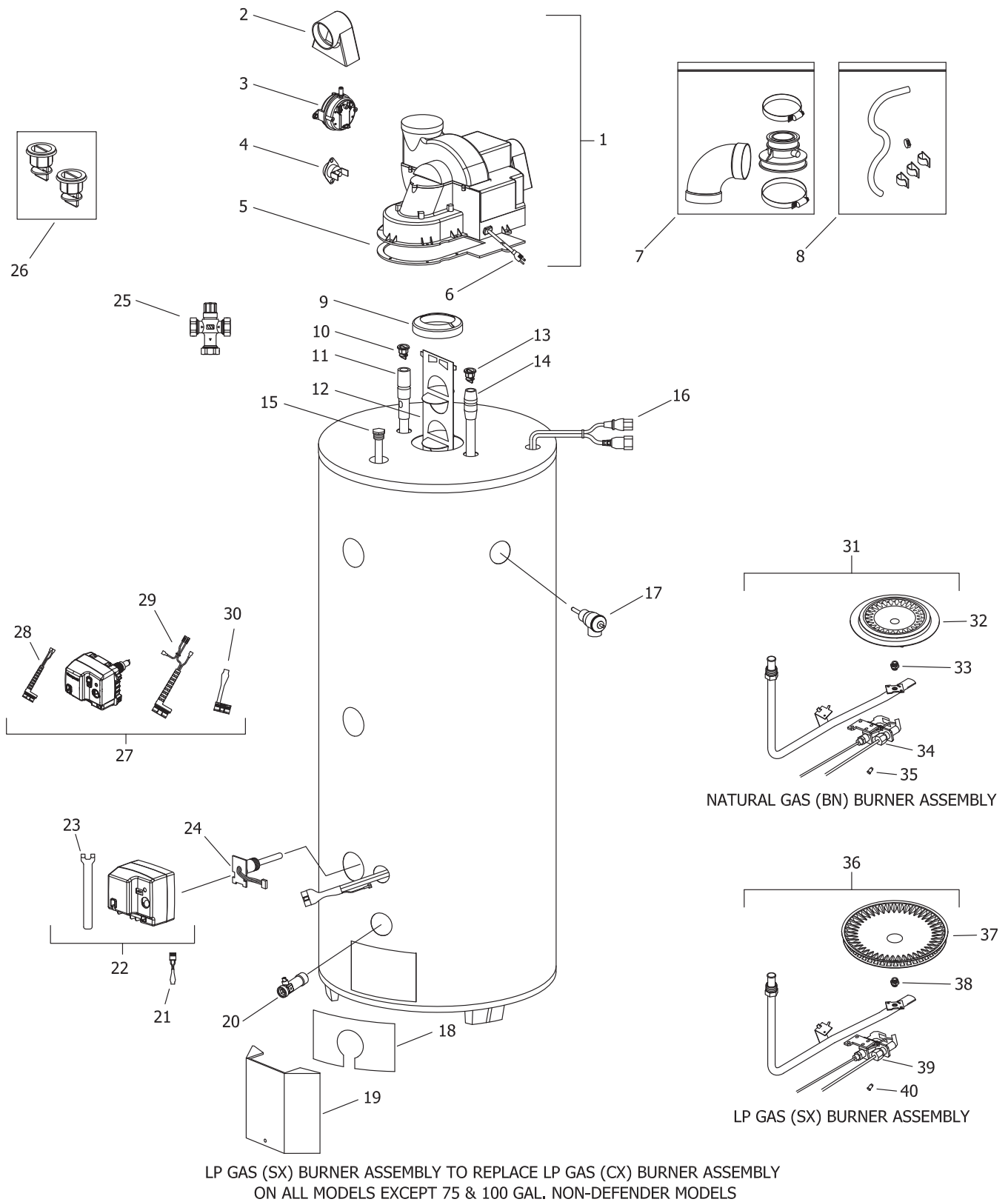
▲▲ Order with item 13.

# A420 Anode may need to be cut to length

♦ For serial numbers beginning with "J" or sooner

♦♦ For serial numbers beginning with "K" or later

# CDW2TW75T SERIES



| Item                                                         | Description                                       | Model                     |
|--------------------------------------------------------------|---------------------------------------------------|---------------------------|
|                                                              |                                                   | C(D,S)W2TW75T10(BN,CX,SX) |
| 1                                                            | Blower Complete (Normal altitude)                 | 239-45583-00              |
|                                                              | Blower Complete (High altitude)                   | 243-45986-00              |
| 2                                                            | Air Mixing Inlet                                  | 239-45868-00              |
| 3                                                            | Pressure Switch (Normal altitude)                 | 239-45867-02              |
|                                                              | Pressure Switch (High altitude)                   | 239-45867-04              |
| 4                                                            | Blower Temperature Switch                         | 239-45865-00              |
| 5                                                            | Blower Gasket                                     | 239-45866-00              |
| 6                                                            | Blower Power Cord                                 | 239-45990-00              |
| 7                                                            | 3" Vent Adaptor with Vent Terminal                | 239-46264-00              |
| 8                                                            | Condensate Hose Kit (Optional)                    | 239-45875-00              |
| 9                                                            | Flue Reducer                                      | 243-42572-00              |
| 10                                                           | Heat Trap Insert (Outlet)                         | 239-45073-00              |
| 11                                                           | Hot Water Outlet Anode (Aluminum)▲                | 224-47778-12              |
|                                                              | Hot Water Outlet Anode (A420 Aluminum)▲#          | 224-49560-08              |
| 12                                                           | Flue Baffle                                       | 239-45373-00              |
| 13                                                           | Heat Trap Insert (Inlet)                          | 239-45073-00              |
| 14                                                           | Cold Water Inlet Dip Tube▲▲                       | 229-39628-15              |
| 15                                                           | Plug Type Anode (Aluminum)                        | 224-47783-07              |
| 16                                                           | Blower Harness                                    | 239-45617-02              |
| 17                                                           | T&P Valve                                         | 230-40594-02              |
| 18                                                           | Inner Door                                        | 243-39207-00              |
| 19                                                           | Outer Door                                        | 243-37177-00              |
| 20                                                           | Brass Drain Valve                                 | 227-48070-02              |
| 21                                                           | Harness Simulated Resistive Device♦               | 239-45949-00              |
| 22                                                           | Gas Valve Natural Gas♦                            | 239-45613-02              |
|                                                              | Gas Valve LP Gas♦                                 | 239-45614-02              |
| 23                                                           | Gas Valve Service Tool♦                           | 239-45991-00              |
| 24                                                           | Thermal Well♦                                     | 239-45651-02              |
| 25                                                           | ASSE Approved Mixing Valve                        | 239-51778-00              |
| 26                                                           | Kit-Heat Trap Insert                              | 265-45419-00              |
| 27                                                           | Gas Valve Natural Gas♦♦                           | 239-48795-04              |
|                                                              | Gas Valve LP Gas♦♦                                | 239-48796-04              |
| 28                                                           | Flammable Vapor Sensor Harness♦♦                  | 239-49791-00              |
| 29                                                           | FV Sensor and Thermal Switch Harness♦♦            | 239-50066-00              |
| 30                                                           | Simulated Resistive Device Harness♦♦              | 239-49817-00              |
| <b>Natural Gas (BN) Burner Assembly</b>                      |                                                   |                           |
| 31                                                           | Nat. Gas (BN) Burner Assembly Complete**          | 265-45652-03-21           |
| 32                                                           | Nat. Gas (BN) Burner*                             | 228-42506-00              |
| 33                                                           | Nat. Gas (BN) Main Burner Orifice*                | 234-41034-21              |
|                                                              | Nat. Gas (BN) High Altitude 2000 Ft. to 5000 Ft.* | 234-41034-29              |
|                                                              | Nat. Gas (BN) High Altitude 5000 Ft. to 8000 Ft.* | 234-41034-31              |
|                                                              | Nat. Gas (BN) High Altitude Over 8000 Ft.*        | 234-41034-21              |
| 34                                                           | Nat. Gas Pilot Assembly*                          | 233-45653-02              |
| 35                                                           | Nat. Gas Pilot Orifice*                           | 234-45869-01              |
| <b>LP Gas (SX) Burner Assembly</b>                           |                                                   |                           |
| <b>Replacement for LP Gas (CX) Cast Iron Burner Assembly</b> |                                                   |                           |
| 36                                                           | LP Gas (SX) Burner Assembly Complete**            | 265-47112-01-41           |
| 37                                                           | LP Gas (SX) Burner*                               | 228-46938-00              |
| 38                                                           | LP Gas (SX) Main Burner Orifice*                  | 234-47064-41              |
|                                                              | LP Gas (SX) High Altitude 2000 Ft. to 5000 Ft.*   | 234-47064-44              |
|                                                              | LP Gas (SX) High Altitude 5000 Ft. to 8000 Ft.*   | 234-47064-44              |
|                                                              | LP Gas (SX) High Altitude Over 8000 Ft.*          | 234-47064-45              |
| 39                                                           | LP Gas Pilot Assembly*                            | 233-45653-04              |
| 40                                                           | LP Gas Pilot Orifice*                             | 234-45869-01              |

\*Inner door gasket kit recommended

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

**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**

**International:**  
**international@bradfordwhite.com**



Halton Hills, Ontario, Canada

**Sales & Technical Support/866-690-0961**  
**905-203-0600**

**Fax/905-636-0666**

**Email**  
**Warranty/bwccwarranty@bradfordwhite.com**  
**Technical Support/BWCCTech@bradfordwhite.com**  
**Parts/orders@bradfordwhitecanada.com**  
**Orders/ca.orders@bradfordwhite.com**

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