



## RESIDENTIAL GAS REPLACEMENT PARTS LIST

### Combi™ TTW® Models



**Models Covered:**  
C(D,S)W2TW50T10F(BN,CX,SX)  
C(D,S)W2TW75T10(BN,CX,SX)  
\*Denotes warranty year

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

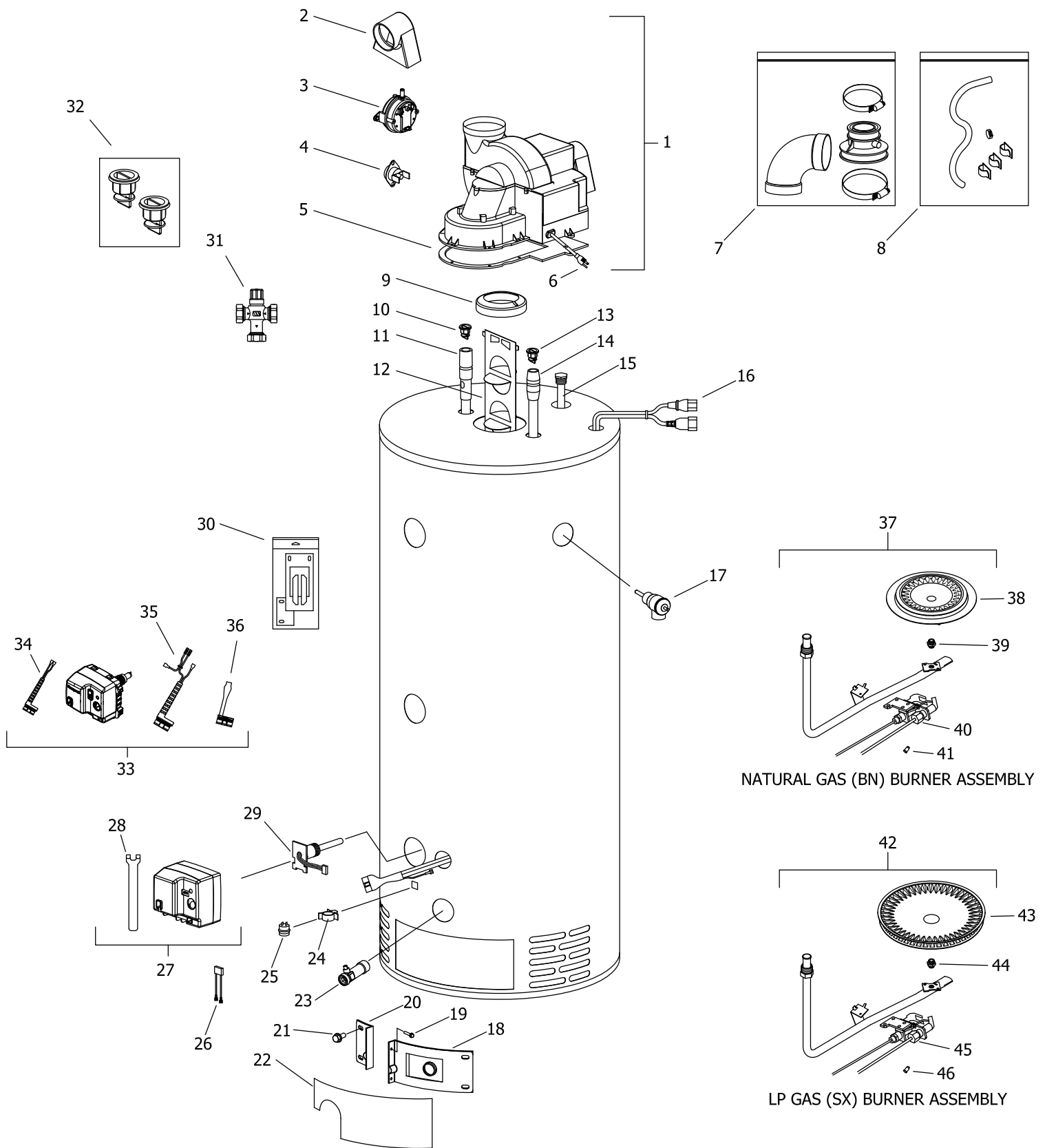
**NOTE: BOTH MODEL AND SERIAL  
NUMBERS ARE REQUIRED FOR  
ORDERING REPLACEMENT PARTS**

Dimensions and specifications  
subject to change without notice.



As required by the state of California Proposition 65.

# CDW2TW50T SERIES



LP GAS (SX) BURNER ASSEMBLY TO REPLACE LP GAS (CX) BURNER ASSEMBLY  
ON ALL MODELS EXCEPT 75 & 100 GAL. NON-DEFENDER MODELS

| Item | Description                                                                                   | Model                      |
|------|-----------------------------------------------------------------------------------------------|----------------------------|
|      |                                                                                               | C(D,S)W2TW50T10F(BN,CX,SX) |
| 1    | Blower Complete (Normal altitude)                                                             | 415-45583-00               |
|      | Blower Complete (High altitude)                                                               | 243-45986-00               |
| 2    | Air Mixing Inlet                                                                              | 239-45868-00               |
| 3    | Pressure Switch (Normal altitude)                                                             | 415-45867-02               |
|      | Pressure Switch (High altitude)                                                               | 415-45867-04               |
| 4    | Blower Temperature Switch                                                                     | 415-45865-00               |
| 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)                                                                | 415-45875-00               |
| 9    | Flue Reducer                                                                                  | 243-42572-00               |
| 10   | Heat Trap Insert (Outlet)                                                                     | 415-45167-00               |
| 11   | Hot Water Outlet Anode (Aluminum) ▲                                                           | 415-55484-00               |
|      | Hot Water Outlet Anode (A420 Aluminum) ▲#                                                     | 415-55486-00               |
| 12   | Flue Baffle                                                                                   | 239-45373-00               |
| 13   | Heat Trap Insert (Inlet)                                                                      | 415-45073-00               |
| 14   | Cold Water Inlet Dip Tube ▲ ▲                                                                 | 415-45092-01               |
| 15   | Plug Type Anode (Aluminum)                                                                    | 415-55485-00               |
| 16   | Blower Harness                                                                                | 239-45617-02               |
| 17   | T&P Valve                                                                                     | 415-40594-02               |
| 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                                                                            | 239-52581-00               |
| 22   | Outer Door                                                                                    | 243-43962-00               |
| 23   | Brass Drain Valve                                                                             | 415-48070-02               |
| 24   | Flammable Vapor Sensor Clip                                                                   | 239-45648-00               |
| 25   | Flammable Vapor Sensor                                                                        | 415-45560-00               |
| 26   | Sensor Harness                                                                                | 239-45620-00               |
| 27   | Gas Valve Natural Gas♦                                                                        | 415-45613-02               |
|      | Gas Valve LP Gas♦                                                                             | 415-45614-02               |
| 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♦♦                                                                       | 415-48795-04               |
|      | Gas Valve LP Gas♦♦                                                                            | 415-48796-04               |
| 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      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.

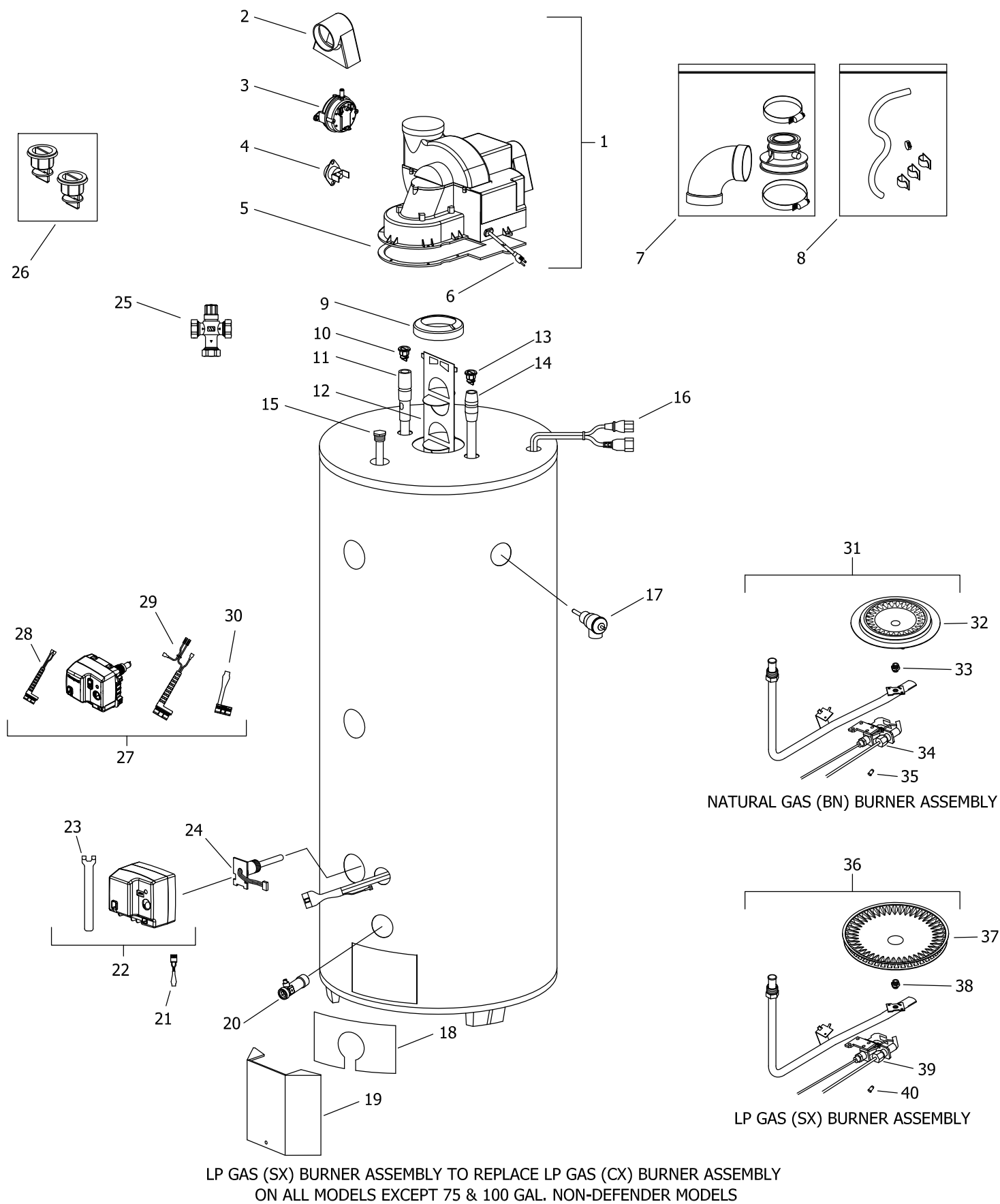
▲ Order with item 10.

▲▲ Order with item 13.

# A420 Anode may need to be cut to length

♦ For serial numbers beginning with "J" or sooner

# CDW2TW75T SERIES



| Item                                                         | Description                                       | Model                     |
|--------------------------------------------------------------|---------------------------------------------------|---------------------------|
|                                                              |                                                   | C(D,S)W2TW75T10(BN,CX,SX) |
| 1                                                            | Blower Complete (Normal altitude)                 | 415-45583-00              |
|                                                              | Blower Complete (High altitude)                   | 243-45986-00              |
| 2                                                            | Air Mixing Inlet                                  | 239-45868-00              |
| 3                                                            | Pressure Switch (Normal altitude)                 | 415-45867-02              |
|                                                              | Pressure Switch (High altitude)                   | 415-45867-04              |
| 4                                                            | Blower Temperature Switch                         | 415-45865-00              |
| 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)                    | 415-45875-00              |
| 9                                                            | Flue Reducer                                      | 243-42572-00              |
| 10                                                           | Heat Trap Insert (Outlet)                         | 415-45073-00              |
| 11                                                           | Hot Water Outlet Anode (Aluminum) ▲               | 415-55484-00              |
|                                                              | Hot Water Outlet Anode (A420 Aluminum) ▲#         | 415-55486-00              |
| 12                                                           | Flue Baffle                                       | 239-45373-00              |
| 13                                                           | Heat Trap Insert (Inlet)                          | 415-45073-00              |
| 14                                                           | Cold Water Inlet Dip Tube ▲ ▲                     | 415-51230-12              |
| 15                                                           | Plug Type Anode (Aluminum)                        | 415-55485-00              |
| 16                                                           | Blower Harness                                    | 239-45617-02              |
| 17                                                           | T&P Valve                                         | 415-40594-02              |
| 18                                                           | Inner Door                                        | 243-39207-00              |
| 19                                                           | Outer Door                                        | 243-37177-00              |
| 20                                                           | Brass Drain Valve                                 | 415-48070-02              |
| 21                                                           | Harness Simulated Resistive Device♦               | 239-45949-00              |
| 22                                                           | Gas Valve Natural Gas♦                            | 415-45613-02              |
|                                                              | Gas Valve LP Gas♦                                 | 415-45614-02              |
| 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♦♦                           | 415-48795-04              |
|                                                              | Gas Valve LP Gas♦♦                                | 415-48796-04              |
| 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.* | 234-41034-30              |
|                                                              | Nat. Gas (BN) High Altitude Over 8000 Ft.*        | 234-41034-31              |
| 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

\*\* 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



## 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> |
|------------------------|-----------------------------------------------|