



## COMMERCIAL GAS REPLACEMENT PARTS LIST

### Electronic Ignition Models



**Models Covered:**  
**D65T625\*(N,X)(A)**  
**D80T725\*(N,X)(A)**  
\*Denotes warranty year

Includes Hydrojet®  
Total Performance System

***Effective: September, 2023***  
***ECO 8711***

**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            |
|------|--------------------------------------------|------------------|------------------|
|      |                                            | D65T625*(N,X)(A) | D80T725*(N,X)(A) |
| 1    | Flue Baffle                                | 243-42718-00     | 243-42718-00     |
| 2    | Anode-hex head (magnesium)#                | 415-47782-12     | 415-47782-12     |
|      | Anode-hex head (aluminum) #                | 415-38508-07     | 415-38508-07     |
|      | Anode-hex head (A420 Aluminum)#            | 415-49559-04     | 415-49559-04     |
| 3    | Bulk Head Fitting                          | 239-81333-00     | 239-81333-00     |
| 4    | 1/8 NPT Elbow                              | 239-44368-00     | 239-44368-00     |
| 5    | Hose Barb 1/8-27 NPT X 3/16" hose          | 239-53526-00     | 239-53526-00     |
| 6    | Silicone Hose                              | 239-41718-00     | 239-41718-00     |
| 7    | Control Box Assembly                       | 243-46622-01     | 243-46622-02     |
| 8    | ASSE Approved Mixing Valve (Optional)      | 239-51778-00     | 239-51778-00     |
| 9    | Blower Transition                          | 239-81078-00     | 239-81078-00     |
| 10   | T/P Nipple                                 | 229-32762-19     | 229-32762-19     |
| 11   | T/P Valve                                  | 415-33630-04     | 415-33630-04     |
| 12   | Hot Water Outlet Nipple                    | 229-40913-02     | 229-40913-02     |
| 13   | Blower Flange Mount <sup>1</sup>           | 239-81077-00     | 239-81077-00     |
| 14   | Vent Adaptor <sup>1</sup>                  | 239-81108-00     | 239-81108-00     |
| 15   | Flange Gasket <sup>1</sup>                 | 239-81161-00     | 239-81161-00     |
| 16   | Blower <sup>1</sup>                        | 265-82085-02     | 265-82085-03     |
| 17   | Drain Valve (Brass)                        | 415-42351-04     | 415-42351-04     |
| 18   | Cold Water Inlet Nipple (Hydrojet)         | 415-44731-00     | 415-44731-00     |
| 19   | Cleanout Gasket                            | 205-18427-00     | 205-18427-00     |
| 19A  | Cleanout Gasket (ASME)                     | 205-32942-00     | 205-32942-00     |
| 20   | Cleanout Cover                             | 205-18428-00     | 205-18428-00     |
| 20A  | Cleanout Cover (ASME)                      | 205-32941-00     | 205-32941-00     |
| 21   | Screw 5/16-18 X 1/2 Hex                    | 239-82166-00     | 239-82166-00     |
| 21A  | Screw 5/16-18 X 3/4 Hex (ASME)             | 239-32970-00     | 239-32970-00     |
| 22   | Cleanout Cover Jacket                      | 243-20299-00     | 243-20299-00     |
| 23   | Upper Thermostat                           | 415-82033-00     | 415-82033-00     |
| 24   | Lower Thermostat Well                      | 233-46558-02     | 233-46558-02     |
| 25   | Clip for Lower Thermostat                  | 233-45242-00     | 233-45242-00     |
| 26   | Lower Thermostat Sensor                    | 415-46553-02     | 415-46553-02     |
| 27   | Utility Cover                              | 239-80281-03     | 239-80281-03     |
| 28   | Burner Assembly (Natural Gas) **           | 243-39322-07     | 243-39322-09     |
|      | Burner Assembly (LP Gas) **                | 243-39322-08     | 243-39322-10     |
| 29   | Blower replacement kit                     | 265-82085-02     | 265-82085-03     |
| 66   | Kit-Cleanout (Not For Use With ASME Tanks) | 415-54256-00     | 415-54256-00     |

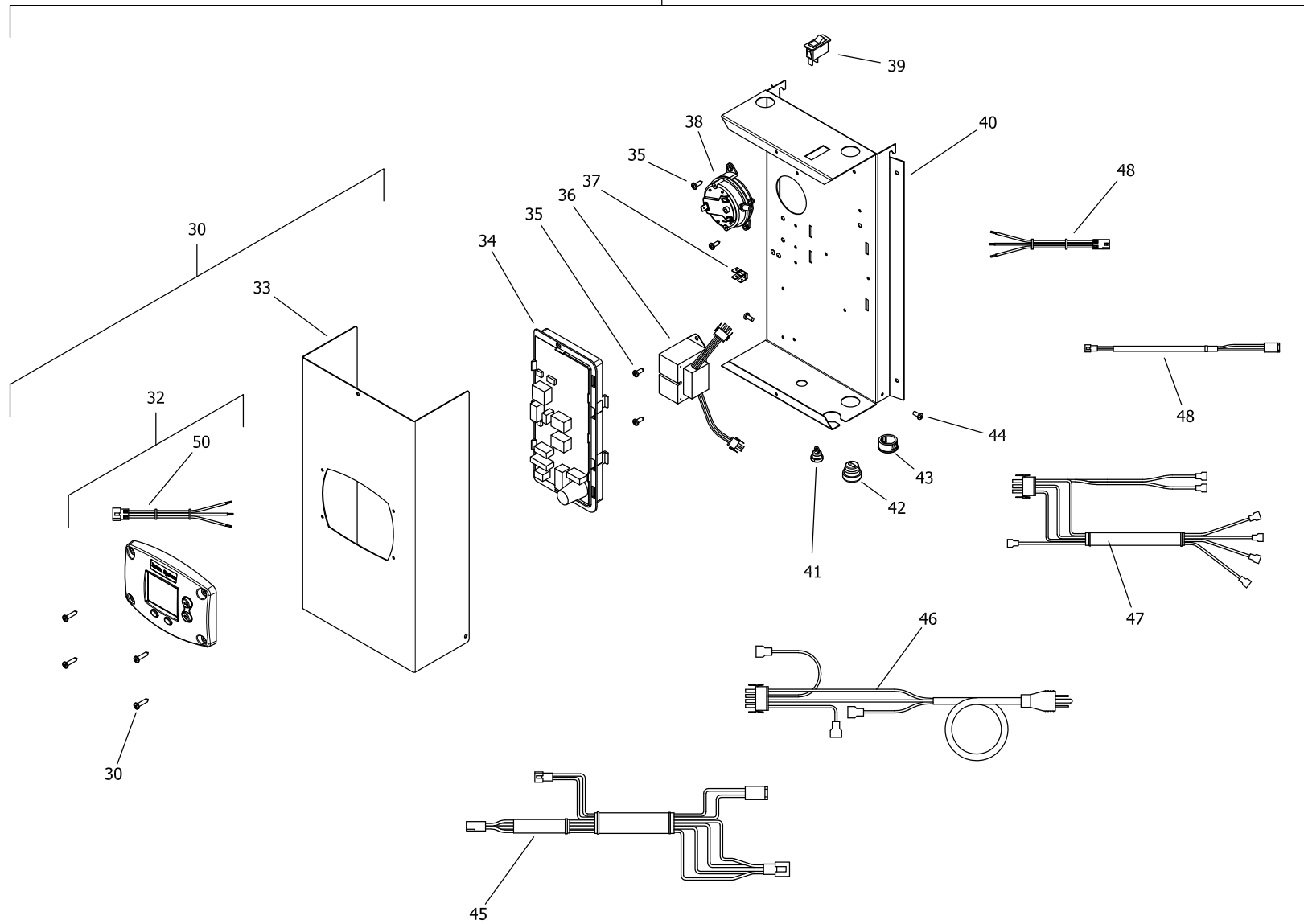
\*Applies to all warranties

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

#Anode may need to be cut to length. See page 8.

<sup>1</sup>Included in the blower assembly, item number 29.

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| Item | Description                                   | Model            | Model            |
|------|-----------------------------------------------|------------------|------------------|
|      |                                               | D65T625*(N,X)(A) | D80T725*(N,X)(A) |
| 7    | Control Box Assembly                          | 243-46622-01     | 243-46622-02     |
| 30   | Control Box Cover Assembly                    | 243-46615-02     | 243-46615-02     |
| 31   | Screw #8-18 X 3/4 Pan Head CR                 | 239-43863-00     | 239-43863-00     |
| 32   | Resideo Temperature Contol Display w/ harness | 415-46557-00     | 415-46557-00     |
| 33   | Control Box Cover                             | 239-46509-00     | 239-46509-00     |
| 34   | Integrated Control Board                      | 233-46627-00     | 233-46627-00     |
| 35   | Screw #8-18 X 1/2 Pan Head CR                 | 239-43736-00     | 239-43736-00     |
| 36   | Transformer 110V (with built in leads)        | 233-50559-00     | 233-50559-00     |
| 37   | Terminal ES-4                                 | 239-80112-00     | 239-80112-00     |
| 38   | Pressure Switch                               | 415-44064-01     | 239-44064-02     |
| 39   | Power On/Off Switch                           | 239-49391-00     | 239-49391-00     |
| 40   | Control Box Panel                             | 239-46508-00     | 239-46508-00     |
| 41   | Strain Relief Bushing 1/2"                    | 239-44575-00     | 239-44575-00     |
| 42   | Strain Relief Bushing 7/8"                    | 239-80372-00     | 239-80372-00     |
| 43   | Snap-in Bushing 7/8"                          | 239-80406-00     | 239-80406-00     |
| 44   | Screw 8/32 X 5/16 Pan Head CR w/adh.          | 239-46522-00     | 239-46522-00     |
| 45   | Damper Wiring Harness                         | 239-46525-02     | 239-46525-02     |
| 46   | Power Cord Wiring Harness                     | 239-46533-00     | 239-46533-00     |
| 47   | Gas Valve Control Wiring Harness              | 239-46534-01     | 239-46534-01     |
| 48   | Upper Sensor Harness                          | 239-46623-02     | 239-46623-01     |
| 49   | Display Control Wiring Harness                | 239-46944-00     | 239-46944-00     |
| 50   | Display Cover Wiring Harness                  | 239-46617-00     | 239-46617-00     |

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| Item | Description                                            | Model                | Model                |
|------|--------------------------------------------------------|----------------------|----------------------|
|      |                                                        | D65T625*(N,X)(A)     | D80T725*(N,X)(A)     |
| 28   | Burner Assembly (Natural Gas) **                       | 243-39322-07         | 243-39322-09         |
|      | Burner Assembly (LP Gas) **                            | 243-39322-08         | 243-39322-10         |
| 51   | Burner Panel                                           | 239-39421-00         | 239-39421-00         |
| 52   | Burner Tube                                            | 228-39177-00         | 228-39177-00         |
| 53   | Burner Mounting Bracket                                | 239-39260-00         | 239-39260-00         |
| 54   | Burner Rack                                            | 239-81969-03         | 239-81969-03         |
| 55   | Dual Gas Valve Assembly (Natural Gas)                  | 415-81608-03         | 415-81608-03         |
|      | Dual Gas Valve Assembly (LP Gas)                       | 415-81608-04         | 415-81608-04         |
| 56   | Main Burner Orifice (Natural Gas) (0ft to 2000ft)      | 234-06016-25 (Qty 9) | 234-06016-20 (Qty 9) |
|      | High Altitude Orifice (Natural Gas) (2001ft to 5000ft) | 234-06016-28 (Qty 9) | 234-06016-25 (Qty 9) |
|      | High Altitude Orifice (Natural Gas) (5001ft to 8000ft) | 234-06016-30 (Qty 9) | 234-06016-28 (Qty 9) |
|      | High Altitude Orifice (Natural Gas) (8001ft & above)   | 234-06016-30 (Qty 9) | 234-06016-28 (Qty 9) |
|      | Main Burner Orifice (LP Gas) (0ft to 2000ft)           | 234-06016-40 (Qty 9) | 234-06016-70 (Qty 9) |
|      | High Altitude Orifice (LP Gas) (2001ft to 5000ft)      | 234-06016-42 (Qty 9) | 234-06016-39 (Qty 9) |
|      | High Altitude Orifice (LP Gas) (5001ft to 8000ft)      | 234-06016-44 (Qty 9) | 234-06016-42 (Qty 9) |
|      | High Altitude Orifice (LP Gas) (8001ft & above)        | 234-06016-44 (Qty 9) | 234-06016-42 (Qty 9) |
| 57   | Manifold (Natural Gas)                                 | 233-39171-00         | 233-39171-00         |
|      | Manifold (LP Gas)                                      | 233-39173-00         | 233-39173-00         |
| 58   | Pilot Assembly (Natural Gas)                           | 415-41323-01         | 415-41323-01         |
|      | Pilot Assembly (LP Gas)                                | 415-41323-02         | 415-41323-02         |
| 59   | Aluminum Tubing                                        | 233-80361-01         | 233-80361-01         |
| 60   | Pilot Draft Shield                                     | 239-81116-00         | 239-81116-00         |
| 61   | Burner Support                                         | 239-39259-00         | 239-39259-00         |
| 62   | Valve Support Bracket (Natural Gas)                    | 239-81816-01         | 239-81816-01         |
|      | Valve Support Bracket (LP Gas)                         | 239-81816-02         | 239-81816-02         |
| 63   | 1" NPT Street Elbow (Natural Gas Only)                 | 239-19636-00         | 239-19636-00         |
| 64   | 1" NPT X 3 1/2" Nipple (Natural Gas Only)              | 239-81595-00         | 239-81595-00         |
| 65   | 1" NPT Elbow (Natural Gas Only)                        | 239-19637-00         | 239-19637-00         |
| -    | LP to Natural Gas Conversion Kit                       | 265-46034-02         | 265-46034-05         |

\*Applies to all warranties

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## **Reference Chart of Anode Length by Model**

| Model            | Hex Head Anode Cut<br>Length (End to end) |             |
|------------------|-------------------------------------------|-------------|
|                  | Inches                                    | Millimeters |
| D65T625*(N,X)(A) | 48                                        | 1219.2      |
| D80T725*(N,X)(A) | 52                                        | 1321        |



## 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>Orders</b>            | <b><i>ca.orders@bradfordwhite.com</i></b>    |
| <b>Service Parts</b>     | <b><i>bwccwarranty@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> |
|------------------------|-----------------------------------------------|