



## RESIDENTIAL GAS REPLACEMENT PARTS LIST

### Exterior Condensing Tankless Models

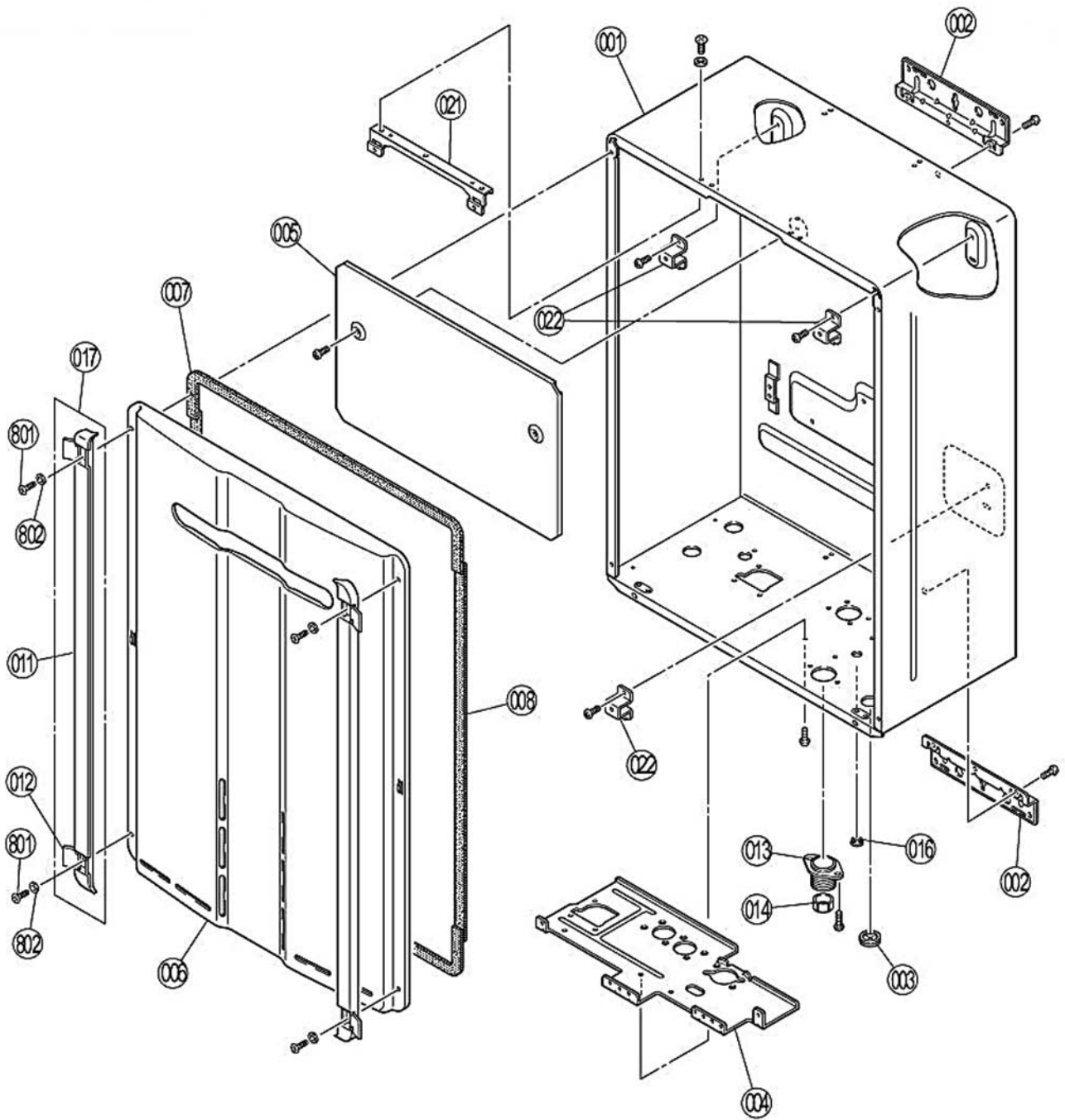
**TGHE-160E-N(X)**  
**TGHE-199E-N(X)**



***Effective: October, 2010***  
***ECO 7570***

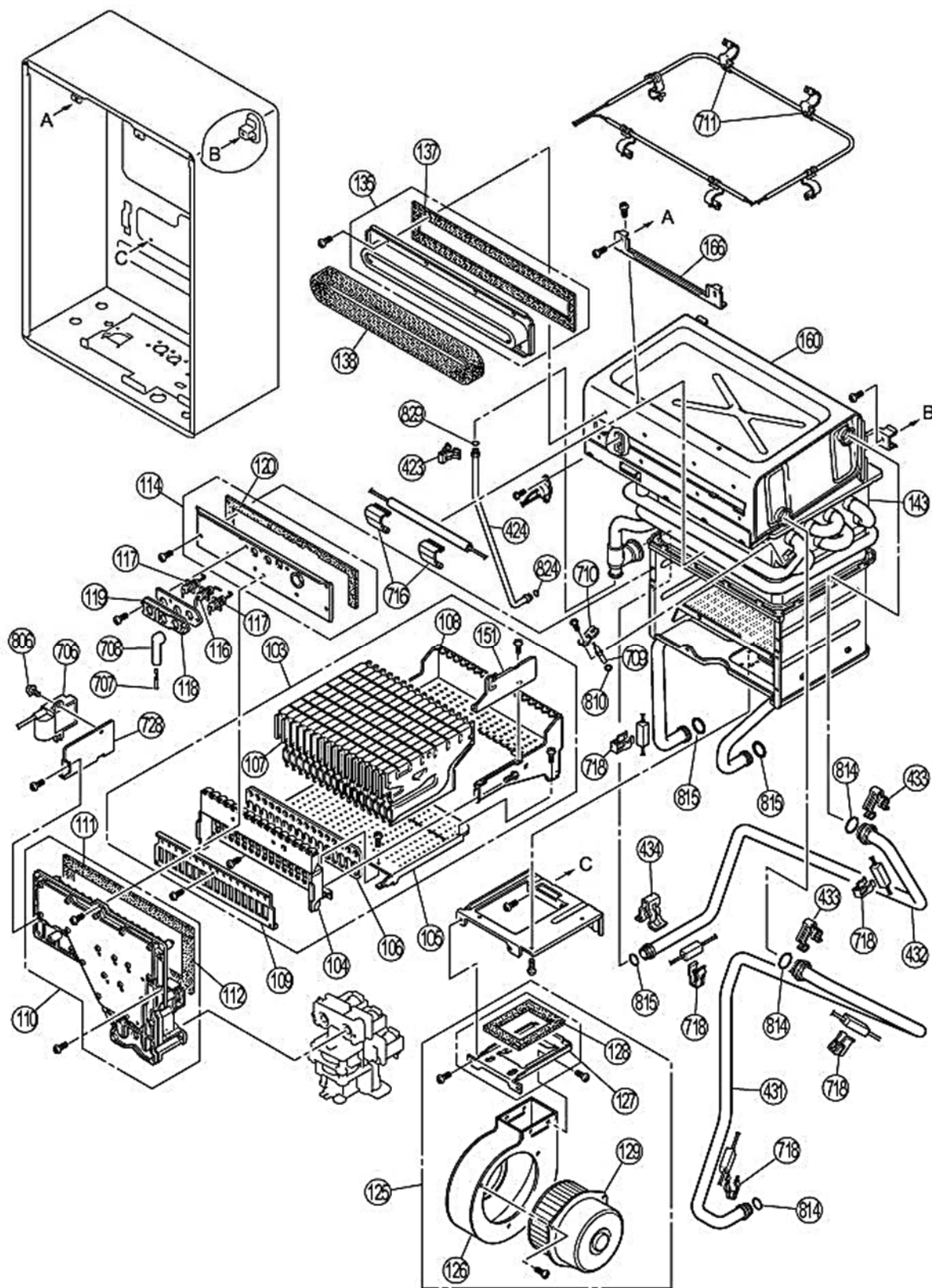
**NOTE: BOTH MODEL AND SERIAL  
NUMBERS ARE REQUIRED FOR  
ORDERING REPLACEMENT PARTS**

Dimensions and specifications  
subject to change without notice.



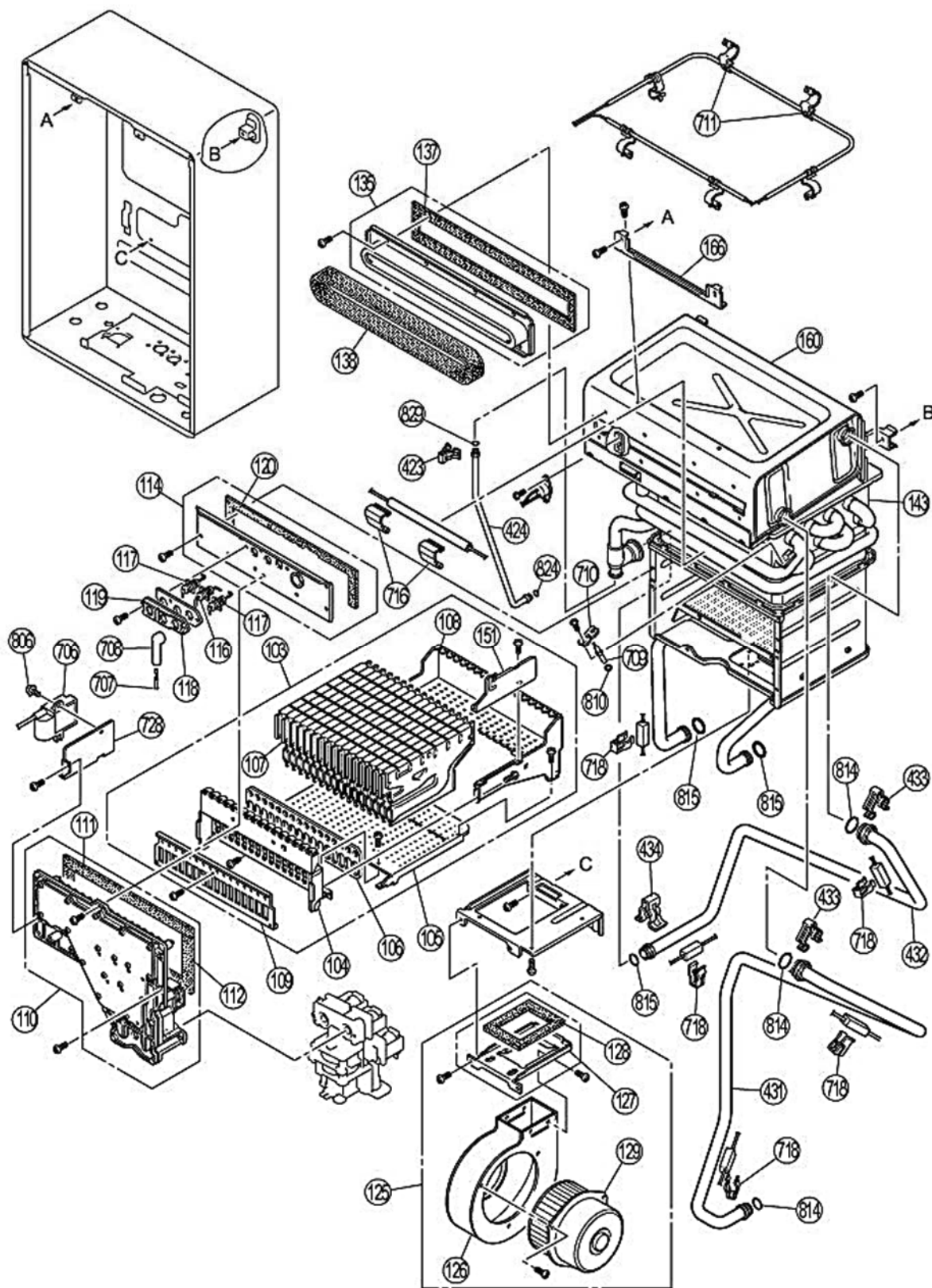
| No. | Description                    | TGHE-160E<br>Part No. | TGHE-199E<br>Part No. |
|-----|--------------------------------|-----------------------|-----------------------|
| 001 | Main Body                      | 109000172             | 109000117             |
| 002 | Wall Bracket                   | BU195-121X03          | BU195-121X03          |
| 003 | Rubber Bushing                 | CF79-41020-A          | CF79-41020-A          |
| 004 | Connection Reinforcement Panel | 109000118             | 109000118             |
| 005 | Heat Protection Plate          | H73-065               | H73-065               |
| 006 | Front Panel                    | 109000119             | 109000119             |
| 007 | Gasket - Top and Bottom        | 109000120             | 109000120             |
| 008 | Gasket - Side                  | 109000121             | 109000121             |
| 011 | Screw Cover                    | 109000122             | 109000122             |
| 012 | Screw Cover Lid                | 109000150             | 109000150             |
| 013 | Cable Access Assembly          | BU56-602-NX06         | BU56-602-NX06         |
| 014 | Rubber Bushing                 | 109000049             | 109000049             |
| 016 | Packing                        | 109000016             | 109000016             |
| 017 | Screw Cover Assembly           | 109000123             | 109000123             |
| 021 | Reinforcement Bracket          | 109000124             | 109000124             |
| 022 | Attachment Bracket             | 109000125             | 109000125             |
| 801 | Screw                          | CP-30580-3            | CP-30580-3            |
| 802 | Washer                         | CF83-41430            | CF83-41430            |

\*Denotes component is stocked by Bradford White Corporation.



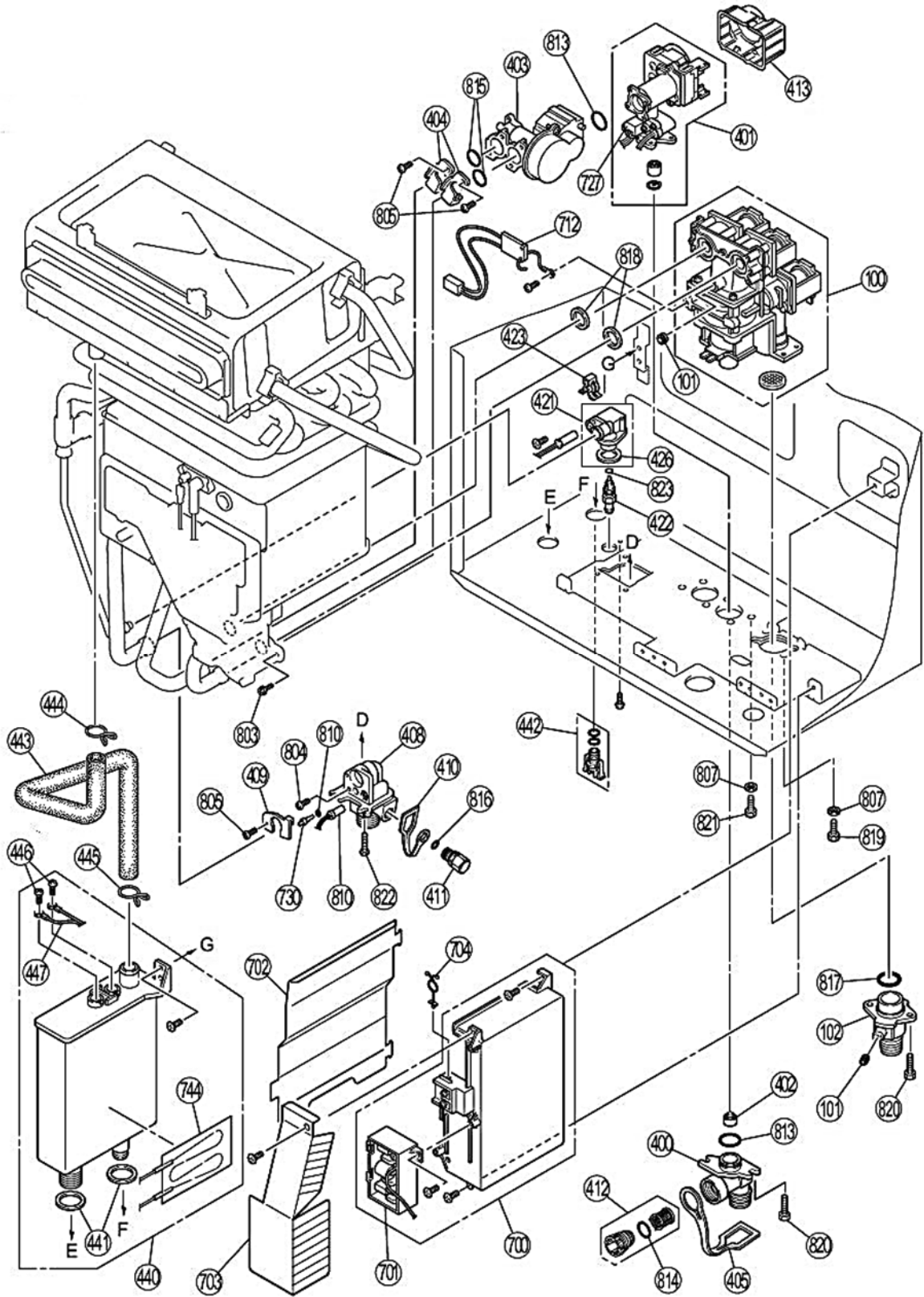
| No. | Description                          | TGHE-160E<br>Part No. | TGHE-199E<br>Part No. |
|-----|--------------------------------------|-----------------------|-----------------------|
| 103 | Burner Unit Assembly LPG             | 106000047             | 106000024             |
|     | Burner Unit Assembly NG              | 106000048             | 106000035*            |
| 104 | Burner Case Cover                    | CH51-209X04           | ---                   |
| 105 | Burner Case Bottom Plate             | 106000041             | ---                   |
| 106 | Burner Packing                       | BH51-218              | ---                   |
| 107 | Burner                               | B3A7-1X05             | ---                   |
| 108 | Burner Case Back Cover               | 106000042             | ---                   |
| 109 | Damper LPG                           | H73-115               | 106000025             |
|     | Damper NG                            | 106000017             | 106000039             |
| 110 | Manifold Assembly NG                 | 106000044             | 106000036             |
|     | Manifold Assembly LPG                | 106000045             | 106000037             |
| 111 | Manifold Packing                     | 106000049             | ---                   |
| 112 | Manifold Packing                     | 106000050             | ---                   |
| 114 | Combustion Chamber Sight Glass Plate | 109000168             | 106000038             |
| 116 | Electrode                            | 104000023*            | 104000023*            |
| 117 | Flame Rod                            | 105000093*            | 105000093*            |
| 118 | Electrode Packing                    | 109000126*            | 109000126*            |
| 119 | Electrode Holder                     | 109000127             | 109000127             |
| 120 | Chamber Packing                      | 106000046             | ---                   |
| 125 | Fan Motor All Assembly               | 108000044*            | 108000035*            |
| 126 | Fan Casing                           | 108000042             | ---                   |
| 127 | Fan Inlet Connector                  | BH29-606X09           | ---                   |
| 128 | Fan Inlet Packing                    | AU183-562             | ---                   |
| 129 | Fan Motor                            | 108000043             | ---                   |
| 135 | Air Inlet Box All Assembly           | 108000036             | 108000036             |
| 137 | Flue Outlet Packing                  | 109000152             | 109000152             |
| 138 | Seal Packing                         | AH24-653-6            | AH24-653-6            |
| 143 | Heat Exchanger Assembly              | 107000069             | 107000054             |
| 151 | Burner Fixing                        | 109000160             | ---                   |
| 160 | Heat Exchanger Secondary             | 107000072             | ---                   |
| 166 | Reinforcement Bracket                | 109000129             | 109000129             |
| 423 | Clip                                 | 109000131             | 109000131             |
| 424 | Connecting Pipe                      | 107000059             | 107000059             |

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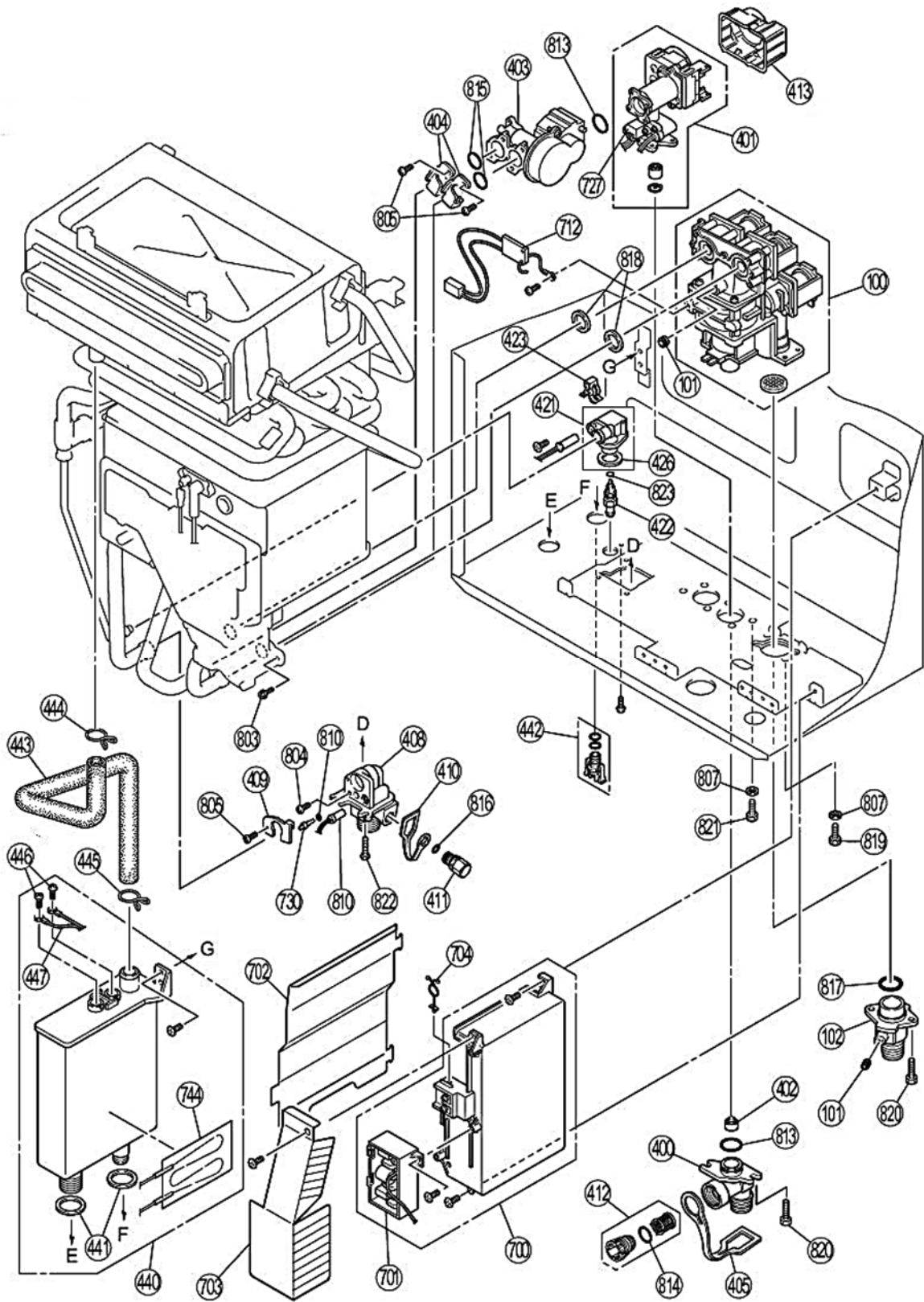
| No. | Description              | TGHE-160E<br>Part No. | TGHE-199E<br>Part No. |
|-----|--------------------------|-----------------------|-----------------------|
| 432 | Connecting Pipe - HEX    | 107000068             | 107000061             |
| 433 | Clip                     | 109000132             | 109000132             |
| 434 | Clip                     | 109000133             | 109000133             |
| 706 | Ignitor                  | 105000018             | 105000018             |
| 707 | High Tension Cord        | 105000095             | 105000095             |
| 708 | Electrode Sleeve         | AU206-218             | AU206-218             |
| 709 | Thermistor               | 105000114*            | 105000096*            |
| 710 | Thermistor Clip Large    | CP-90172              | CP-90172              |
| 711 | Thermal Fuse Clip        | 109000141             | 109000141             |
| 716 | Anti-Frost Heater Clip B | 105000026             | 105000026             |
| 718 | Anti-Frost Heater Clip C | 105000027             | 105000027             |
| 728 | Ignitor Attachment Plate | 109000165             | 109000165             |
| 806 | Screw                    | CP-80452              | CP-80452              |
| 810 | O-ring                   | M10B-2-4*             | M10B-2-4*             |
| 814 | O-ring                   | M10B-2-16*            | M10B-2-16*            |
| 815 | O-ring                   | M10B-2-14*            | M10B-2-14*            |
| 824 | O-ring                   | M10B-2-6              | M10B-2-6              |

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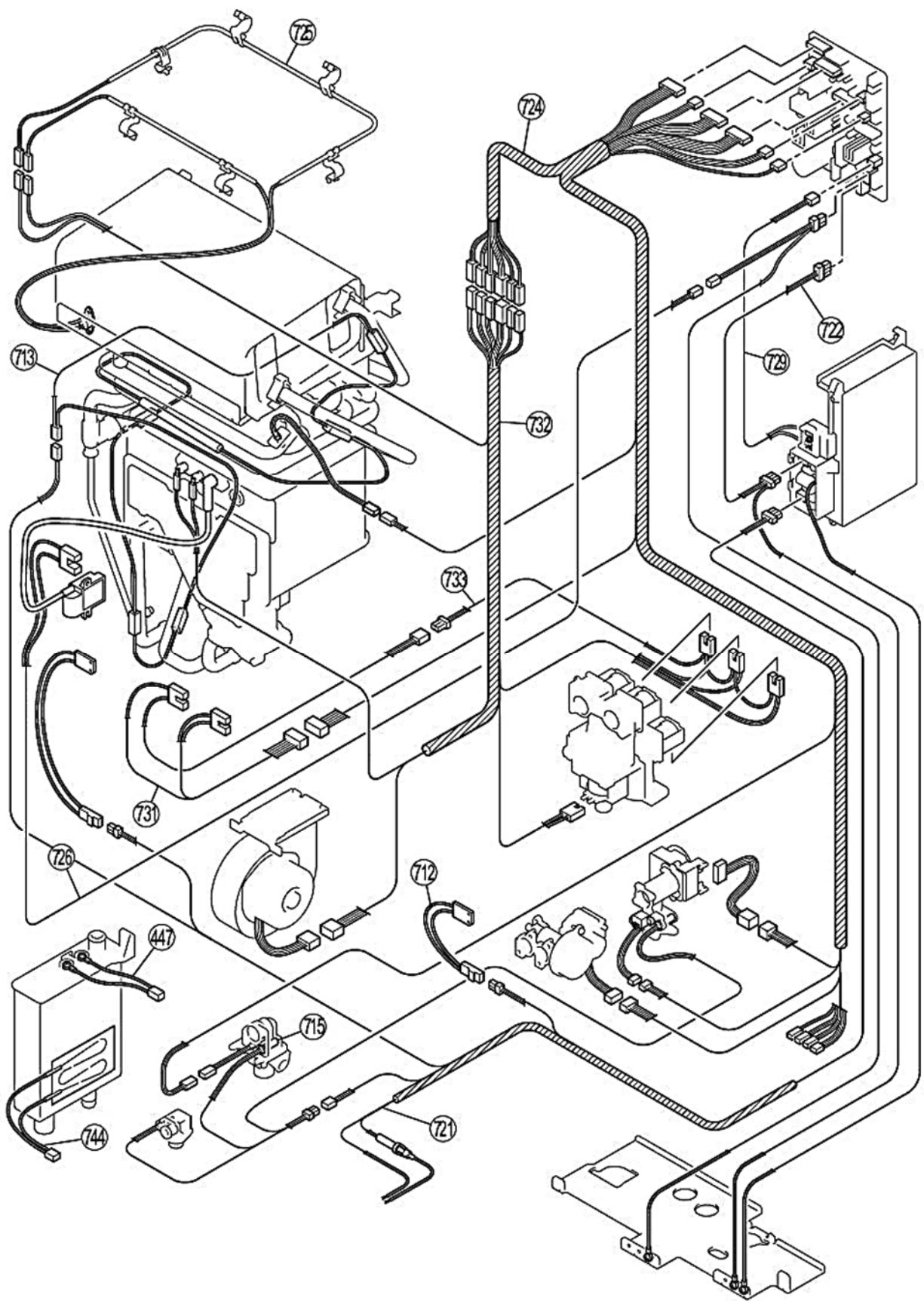
| No. | Description                          | TGHE-160E<br>Part No. | TGHE-199E<br>Part No. |
|-----|--------------------------------------|-----------------------|-----------------------|
| 100 | Gas Controller Assembly              | 106000010*            | 106000034*            |
| 101 | Test Port Set Screw                  | 109000151             | 109000151             |
| 102 | Gas Connection 3/4" NPT              | CU195-1866            | CU195-1866            |
| 400 | Water Inlet 3/4" NPT                 | H73-501-2             | H73-501-2             |
| 401 | Water Flow Servo and Sensor Assembly | 107000055*            | 107000055*            |
| 402 | Rectifier                            | M8D1-15X01            | M8D1-15X01            |
| 403 | By-pass Flow Assembly                | 107000016             | 107000016             |
| 404 | Stop Bracket                         | AH69-310              | AH69-310              |
| 405 | Plug Band                            | 109000018             | 109000018             |
| 408 | Hot Water Outlet 3/4" NPT            | 107000066             | 107000056             |
| 409 | Stop Bracket                         | U211-322X01           | U211-322X01           |
| 410 | Plug Band (Small)                    | 109000019             | 109000019             |
| 411 | Drain Valve                          | 107000021             | 107000021             |
| 412 | Water Filter Assembly                | H98-510-S*            | H98-510-S*            |
| 413 | Cover                                | 109000130             | 109000130             |
| 421 | Drain Connection                     | 107000057             | 107000057             |
| 422 | Drain Plug                           | 107000058             | 107000058             |
| 423 | Clip                                 | 109000131             | 109000131             |
| 426 | Packing                              | 109000153             | 109000153             |
| 440 | Condensate Trap                      | 109000134             | 109000134             |
| 441 | Packing                              | 109000154             | 109000154             |
| 442 | Condensate Trap Plug                 | 109000135             | 109000135             |
| 443 | Condensate Drain Tube                | 109000136             | 109000136             |
| 444 | Band                                 | 109000137             | 109000137             |
| 445 | Band                                 | 109000138             | 109000138             |
| 446 | Screw                                | 109000155             | 109000155             |
| 447 | Connection Harness                   | 105000105             | 105000105             |
| 700 | PC Board                             | 105000113             | 105000094             |
| 701 | Surge Protector with Terminals       | BU195-1873-2X01       | ---                   |
| 702 | PC Board Cover Side                  | 109000164             | 109000164             |
| 703 | PC Board Cover Front                 | 109000173             | 109000139             |
| 704 | Clip                                 | 109000140             | 109000140             |
| 712 | Frost Sensing Switch                 | 105000097             | 105000097             |
| 727 | Flow Sensor                          | 105000041             | 105000041             |

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|-----|--------------------|-----------------------|-----------------------|
| 727 | Flow Sensor        | 105000041             | 105000041             |
| 730 | Thermistor         | 105000108             | 105000108             |
| 744 | Heater and Harness | 105000106             | ---                   |
| 803 | Screw              | CP-30627-414          | CP-30627-414          |
| 804 | Screw              | U217-449              | U217-449              |
| 805 | Screw              | ZAA0408UK             | ZAA0408UK             |
| 807 | Washer             | AU48-174X01           | AU48-174X01           |
| 810 | O-ring             | M10B-2-4*             | M10B-2-4*             |
| 813 | O-ring             | M10B-2-18*            | M10B-2-18*            |
| 814 | O-ring             | M10B-2-16*            | M10B-2-16*            |
| 815 | O-ring             | M10B-2-14*            | M10B-2-14*            |
| 816 | O-ring             | M10B-2-7              | M10B-2-7              |
| 817 | O-ring             | M10B-1-24*            | M10B-1-24*            |
| 818 | Packing            | C36E 1-6*             | C36E 3-7              |
| 819 | Screw              | ZQAA0512UK            | ZQAA0512UK            |
| 820 | Screw              | ZQAA0514UK            | ZQAA0514UK            |
| 821 | Screw              | ZQAA0508UK            | ZQAA0508UK            |
| 822 | Screw              | ZBA0512UK             | ZBA0512UK             |
| 823 | O-ring             | M10B-2-5              | M10B-2-5              |

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|-----|--------------------------------|-----------------------|-----------------------|
| 447 | Connection Harness             | 105000105             | 105000105             |
| 712 | Frost Sensing Switch           | 105000097             | 105000097             |
| 713 | Anti-Frost Heater 120V         | 105000115             | 105000098             |
| 715 | Valve Heater 120V Assembly     | 105000099             | 105000099             |
| 721 | Fuse Harness                   | U290-370-2X03         | U290-370-2X03         |
| 722 | Power Harness                  | 105000107             | 105000107             |
| 724 | Sensor Harness                 | 105000116             | U290-371-2X03         |
| 725 | Thermal Fuse Harness Assembly  | 105000121             | U290-378-4            |
| 726 | Ignitor Harness                | 105000112             | 105000112             |
| 729 | Temperature Controller Harness | 105000042             | 105000042             |
| 731 | Solenoid Connection Harness    | 105000118             | 105000109             |
| 732 | AWG#18 Harness                 | 105000119             | 105000110             |
| 733 | Connection Harness             | 105000120             | 105000111             |
| 744 | Heater and Harness             | 105000106             | ---                   |

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## Water Heater Accessories

| <b>Water Heater Accessories (For use on all Condensing models)</b> | <b>Part No.</b> |
|--------------------------------------------------------------------|-----------------|
| - Remote Controller Residential (98°-140°F)                        | 239-48788-00*   |
| - Remote Controller Commercial (>140°F)                            | 239-48789-00*   |
| - Manifold Electronic Controls Pack A                              | MSA-2M*         |
| - Manifold Electronic Controls Pack B                              | MSA-2S*         |
| - EZ Connect Cable                                                 | REU-EZC-1US*    |

## NOTES

[illegible]



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

**Sales/800-523-2931**  
***Fax/215-641-1670***  
***Parts Fax/215-641-2180***

**Technical Support/800-334-3393**  
***Fax/269-795-1089***

**Warranty/800-531-2111**  
***Fax/269-795-1089***

**International:**  
**Telephone/215-641-9400**  
***Telefax/215-641-9750***



**Sales/866-690-0961**  
**905-238-0100**

***Fax/905-238-0105***

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