



## GAS REPLACEMENT PARTS LIST

# Interior Condensing Tankless Models

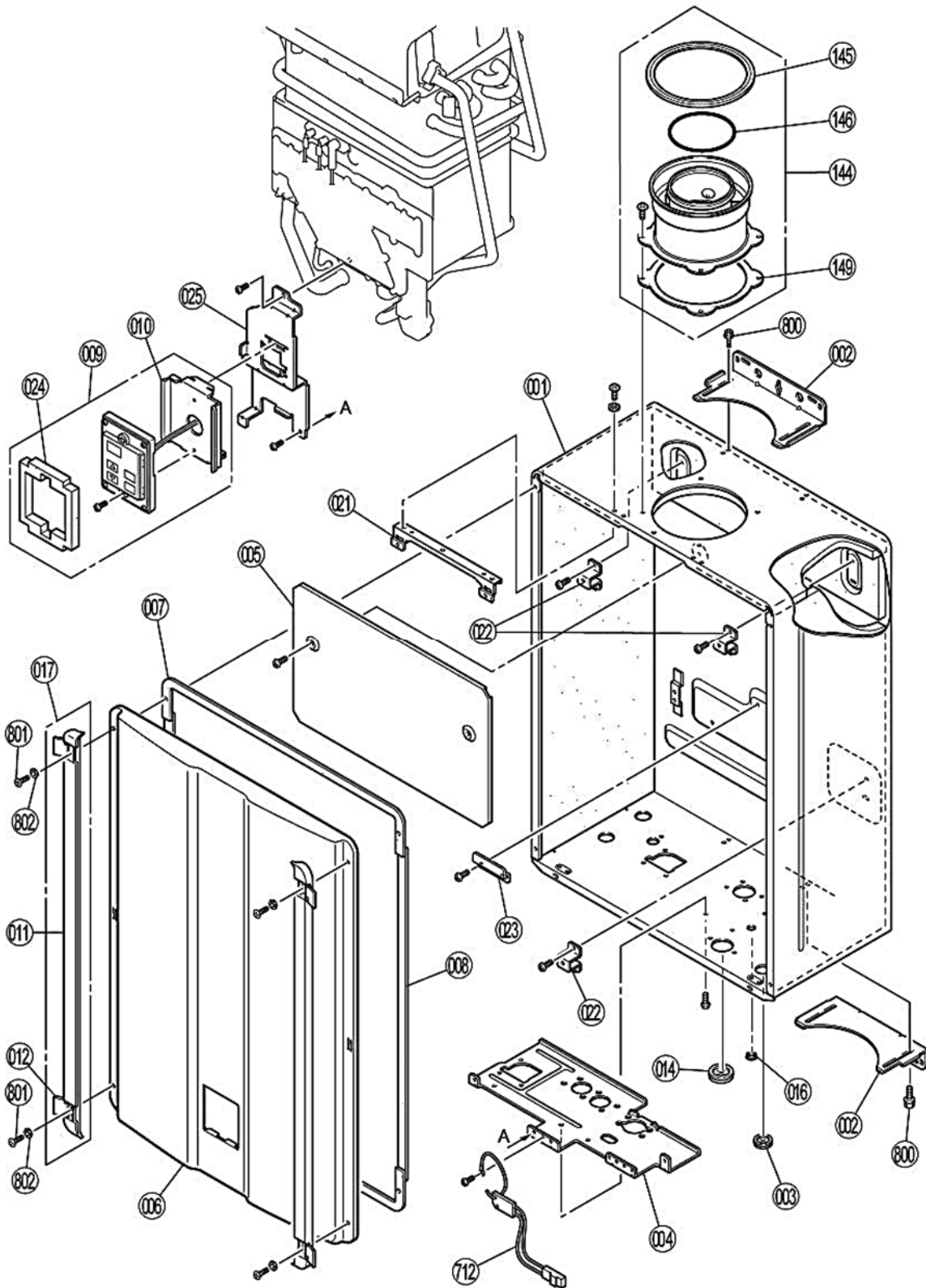
**TGHE-160I-N(X)**  
**TGHE-199I-N(X)**



***Effective: May, 2011***  
***ECO 7666***

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

Dimensions and specifications  
subject to change without notice.



| No. | Description                    | TGHE-160I     | TGHE-199I     |
|-----|--------------------------------|---------------|---------------|
|     |                                | Part No.      | Part No.      |
| 001 | Main Body                      | 109000167     | 109000142     |
| 002 | Wall Bracket                   | 109000064     | 109000143     |
| 003 | Rubber Bushing                 | 109000015     | 109000015     |
| 004 | Connection Reinforcement Panel | 109000118     | 109000118     |
| 005 | Heat Protection Plate          | H73-065       | H73-065       |
| 006 | Front Panel                    | 109000144     | 109000144     |
| 007 | Gasket - Top and Bottom        | 109000120     | 109000120     |
| 008 | Gasket - Side                  | 109000121     | 109000121     |
| 009 | Temperature Controller         | 239-48788-00* | 239-48788-00* |
| 010 | Temperature Controller Bracket | 109000156     | 109000156     |
| 011 | Screw Cover                    | 109000122     | 109000122     |
| 012 | Screw Cover Lid                | 109000150     | 109000150     |
| 014 | Rubber Bushing                 | U245-125      | U245-125      |
| 016 | Packing                        | 109000016     | 109000016     |
| 017 | Screw Cover Assembly           | 109000123     | 109000123     |
| 021 | Reinforcement Bracket          | 109000124     | 109000124     |
| 022 | Attachment Bracket             | 109000125     | 109000125     |
| 023 | Reinforcement Bracket          | ---           | U273-113      |
| 024 | Temperature Controller Packing | 109000157     | 109000157     |
| 025 | Temperature Controller Bracket | 109000145     | 109000145     |
| 144 | Flue Connection Assembly       | 108000040     | 108000040     |
| 145 | O-ring                         | 108000017     | 108000017     |
| 146 | O-ring                         | ---           | 108000018     |
| 149 | Gasket                         | 109000159     | 109000159     |
| 712 | Frost Sensing Switch           | 105000097     | 105000097     |
| 800 | Screw                          | ZIHD0510UK    | ZIHD0510UK    |
| 801 | Screw                          | CP-30580-3    | CP-30580-3    |
| 802 | Washer                         | CF83-41430    | CF83-41430    |

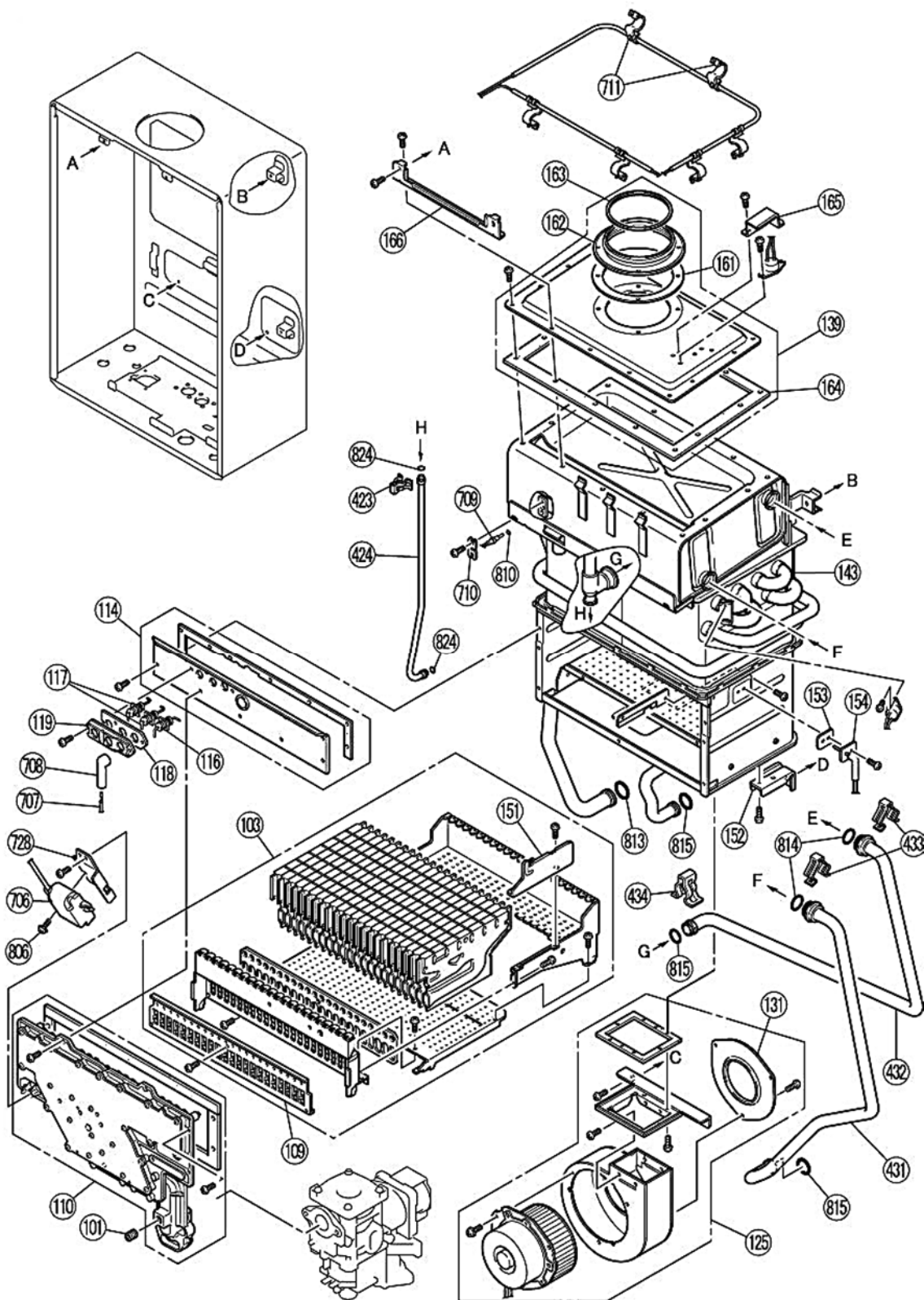
\*Denotes component is stocked by Bradford White Corporation.



| No. | Description                          | TGHE-160I<br>Part No. | TGHE-199I<br>Part No. |
|-----|--------------------------------------|-----------------------|-----------------------|
| 101 | Test Port Set Screw                  | 109000151             | 109000151             |
| 103 | Burner Unit Assembly LPG             | 106000040             | 106000024             |
|     | Burner Unit Assembly NG              | 106000040             | 106000035             |
| 109 | Damper LPG                           | 106000043             | 106000025             |
|     | Damper NG                            | 106000043             | 106000039             |
| 110 | Manifold Assembly NG                 | 106000044             | 106000036             |
| 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             |
| 125 | Fan Motor All Assembly               | 108000041*            | 108000037*            |
| 131 | ø36 Bell Mouth                       | 109000169             | ---                   |
| 139 | Air Inlet Duct                       | 108000039             | 108000039             |
| 143 | Heat Exchanger Assembly              | 107000065             | 107000062             |
| 151 | Burner Fixing                        | 109000160             | 109000160             |
| 152 | Reinforcement Bracket                | ---                   | 109000128             |
| 153 | Burner Sensor Gasket                 | 109000149             | 109000149             |
| 154 | Burner Thermistor                    | 105000100             | 105000100             |
| 161 | Outlet Pipe Packing                  | 109000161             | 109000161             |
| 162 | Outlet Pipe                          | 107000064             | 107000064             |
| 163 | ø80 O-ring                           | 108000018             | 108000018             |
| 164 | Packing                              | 109000162             | 109000162             |
| 165 | OHS Cover                            | 109000163             | 109000163             |
| 166 | Reinforcement Bracket                | 109000129             | 109000129             |
| 423 | Clip                                 | 109000131             | 109000131             |
| 424 | Connecting Pipe                      | 107000067             | 107000059             |
| 431 | Connecting Pipe - Inlet              | 107000060             | 107000060             |
| 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*            |

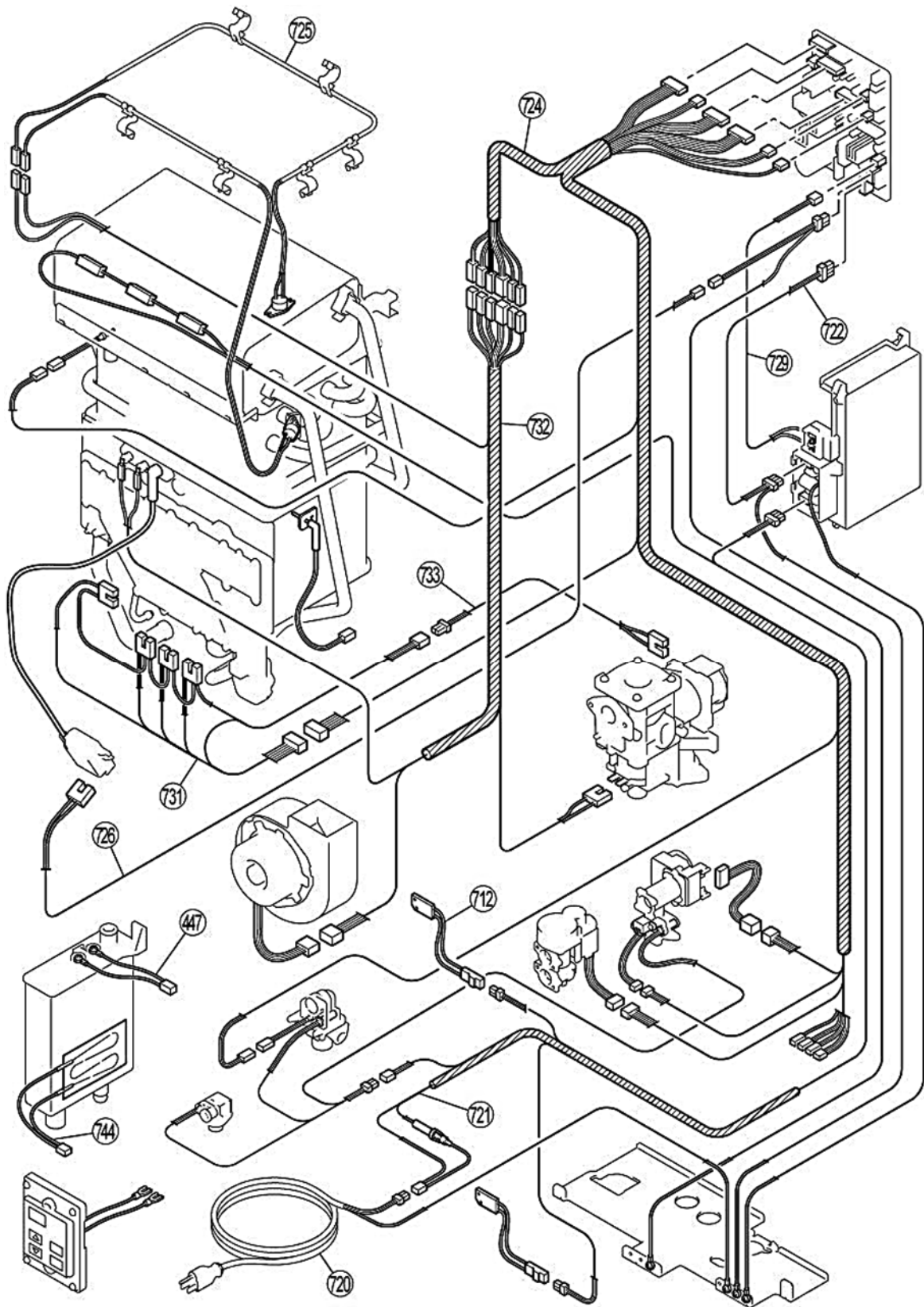
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| <b>No.</b> | <b>Description</b>       | <b>TGHE-160I<br/>Part No.</b> | <b>TGHE-199I<br/>Part No.</b> |
|------------|--------------------------|-------------------------------|-------------------------------|
| 710        | Thermistor Clip Large    | CP-90172                      | CP-90172                      |
| 711        | Thermal Fuse Clip        | 109000141                     | 109000141                     |
| 728        | Ignitor Attachment Plate | U273-225                      | 109000165                     |
| 806        | Screw                    | CP-80452                      | CP-80452                      |
| 810        | O-ring                   | M10B-2-4*                     | M10B-2-4*                     |
| 813        | O-ring                   | ---                           | 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                      |
| 824        | O-ring                   | M10B-2-6                      | M10B-2-6                      |

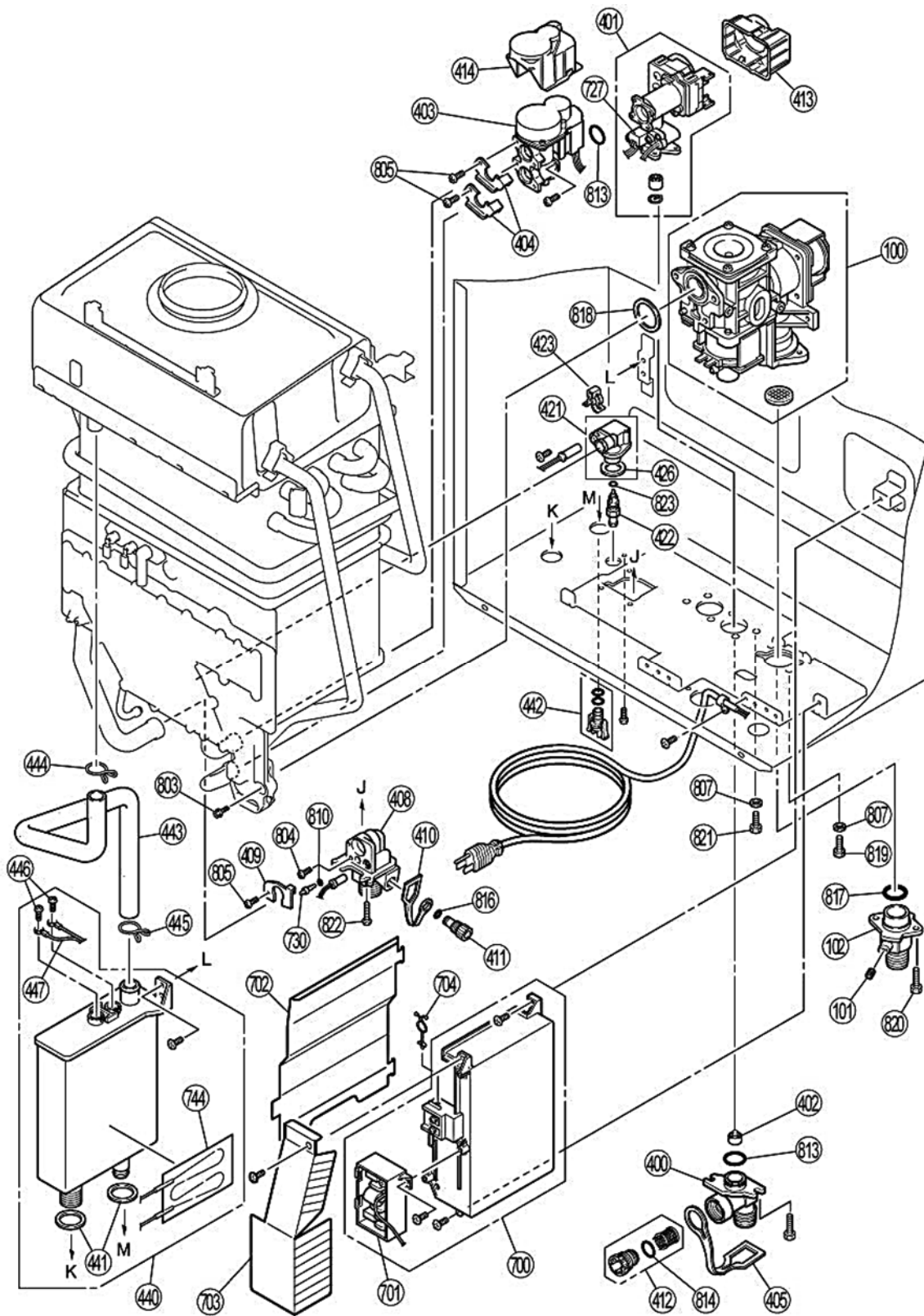
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|------------|--------------------------------|-------------------------------|-------------------------------|
| 447        | Connection Harness             | 105000105                     | 105000105                     |
| 712        | Frost Sensing Switch           | 105000097                     | 105000097                     |
| 720        | Power Cord                     | 105000030                     | 105000030                     |
| 721        | Fuse Harness                   | 105000101                     | 105000101                     |
| 722        | Power Harness                  | 105000107                     | 105000107                     |
| 724        | Sensor Harness                 | 105000116                     | 105000103                     |
| 725        | Thermal Fuse Harness Assembly  | 105000117                     | 105000104                     |
| 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                     | 105000106                     |

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| No. | Description                          | TGHE-160I<br>Part No. | TGHE-199I<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                | M6J-1-4               | M6J-1-4               |
| 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                      | 105000014             | 105000014             |
| 701 | Surge Protector with Terminals       | BU195-1873-2X01       | BU195-1873-2X01       |
| 702 | PC Board Cover Side                  | 109000164             | 109000164             |
| 703 | PC Board Cover Front                 | 109000139             | 109000139             |
| 704 | Clip                                 | 109000140             | 109000140             |
| 727 | Flow Sensor                          | 105000041             | 105000041             |

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| No. | Description        | TGHE-160I<br>Part No. | TGHE-199I<br>Part No. |
|-----|--------------------|-----------------------|-----------------------|
| 730 | Thermistor         | 105000108             | 105000108             |
| 744 | Heater and Harness | 105000106             | 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*            |
| 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*            |
| 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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## 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                              | MSB-M*          |
| - Manifold Electronic Controls Pack B                              | MSB-C1*         |
| - EZ Connect Cable                                                 | REU-EZC-1US*    |
| - Condensing Roof Discharge Terminal 38"                           | 184162PP*       |
| - Condensing 12" Horizontal Terminal Kit                           | 223176PP*       |
| - Condensing 21" Horizontal Terminal Kit                           | 223177PP*       |
| - Condensing Raised Horizontal Terminal Kit                        | 224047PP*       |
| - Condensing 45° Vent Pipe Elbow 2 Pcs.                            | 224077PP*       |
| - Condensing 19.5" Vent Pipe Extension                             | 224079PP*       |
| - Condensing 39" Vent Pipe Extension                               | 224080PP*       |
| - Condensing 90° Vent Pipe Elbow                                   | 224078PP*       |
| - Condensing 10" Vent Pipe Extension                               | 224087PP*       |
| - Water Heater Pipe Cover Condensing Product                       | PCD07-SM*       |
| - Water Heater Pipe Cover Bottom Panel-Condensing                  | PCD07-SM-BP*    |

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## NOTES

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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**  
***Fax/215-641-1670***  
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***Fax/269-795-1089***

**Warranty/800-531-2111**  
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**905-238-0100**

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