



## RESIDENTIAL & LIGHT DUTY COMMERCIAL GAS



### Models Covered:

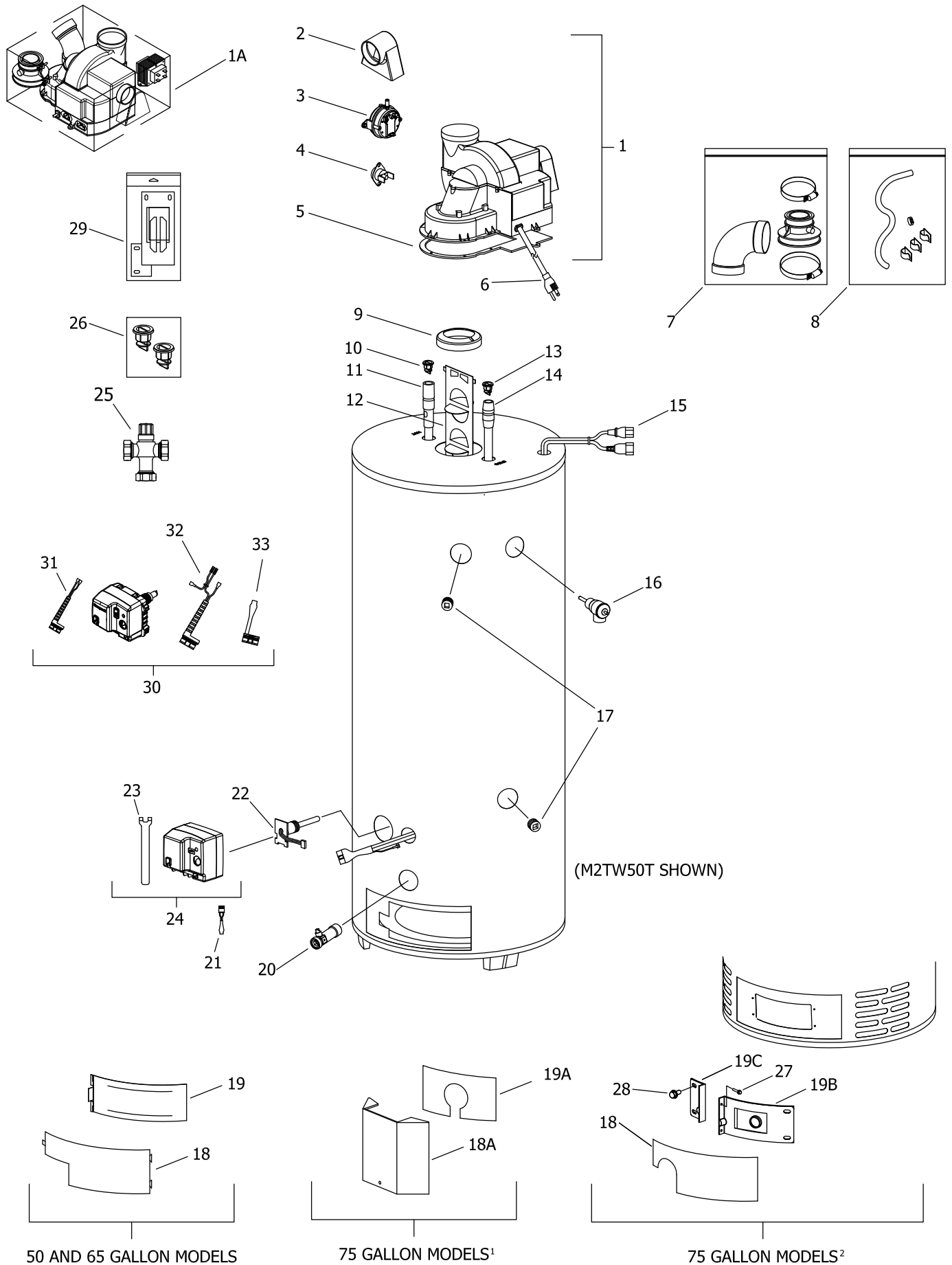
M1TW(40,50)S  
M2TW(50,65)T  
M2TW75T  
TW4(40,65,75)S(76)  
GX2TW25S  
GX1TW55S  
TW25X76(B,S)  
TW55X78(B,S)

Includes Hydrojet®  
Total Performance System

***Effective: September, 2023***  
***ECO 8706***

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

Dimensions and specifications  
subject to change without notice.



| Item | Description                                 | Model           | Model           | Model           | Model           |
|------|---------------------------------------------|-----------------|-----------------|-----------------|-----------------|
|      |                                             | M1TW40S*(BN,CX) | M1TW50S*(BN,CX) | M2TW50T*(BN,CX) | M2TW65T*(BN,CX) |
| 1    | Blower Complete (0ft to 2000ft)             | 415-45584-00    | 415-45584-00    | 415-45583-00    | 415-45583-00    |
|      | Blower Complete High Altitude (Over 2000ft) | 239-45987-00    | 239-45987-00    | 239-45986-00    | 239-45986-00    |
| 1A   | Universal SVC Blower Kit                    | 415-47200-00    | 415-47200-00    | ---             | ---             |
| 2    | Air Mixing Inlet                            | 239-45868-00    | 239-45868-00    | 239-45868-00    | 239-45868-00    |
| 3    | Pressure Switch (0ft to 2000ft)             | 415-45867-01    | 415-45867-01    | 415-45867-02    | 415-45867-02    |
|      | Pressure Switch (Over 2000ft)               | 415-45867-03    | 415-45867-03    | 415-45867-04    | 415-45867-04    |
| 4    | Blower Temperature Switch                   | 415-48752-00    | 415-48752-00    | 415-48752-00    | 415-48752-00    |
| 5    | Blower Gasket                               | 239-45866-00    | 239-45866-00    | 239-45866-00    | 239-45866-00    |
| 6    | Blower Power Cord                           | 239-45990-00    | 239-45990-00    | 239-45990-00    | 239-45990-00    |
| 7    | 2" Exhaust Adaptor w/Vent Terminal          | 239-46263-00    | 239-46263-00    | ---             | ---             |
|      | 3" Vent Adaptor w/Vent Terminal             | ---             | ---             | 239-46264-00    | 239-46264-00    |
| 8    | Condensate Hose Kit (Optional)              | 415-45875-00    | 415-45875-00    | 415-45875-00    | 415-45875-00    |
| 9    | Flue Reducer                                | ---             | ---             | 243-42572-00    | 243-42572-00    |
| 10   | Heat Trap Outlet                            | 415-45167-00    | 415-45167-00    | 415-45167-00    | 415-45167-00    |
| 11   | Hot Water Outlet Anode (Magnesium) ▲#       | 415-47776-19    | 415-47776-19    | 415-47776-19    | 415-47776-19    |
|      | Hot Water Outlet Anode (Aluminum) ▲#        | 415-32999-42    | 415-32999-42    | 415-32999-42    | 415-32999-42    |
|      | Hot Water Outlet Anode (A420 Aluminum) ▲#   | 415-49560-08    | 415-49560-08    | 415-49560-08    | 415-49560-08    |
| 12   | Flue Baffle                                 | 243-45372-00    | 243-45372-00    | 239-45373-00    | 239-45373-00    |
| 13   | Heat Trap Inlet                             | 415-51556-00    | 415-51556-00    | 415-45167-00    | 415-45167-00    |
| 14   | Cold Water Inlet Dip Tube (NC Code)▲▲       | 415-51230-17    | 415-51230-17    | 415-45092-01    | 229-45092-03    |
| 15   | Blower Harness                              | 239-45617-01    | 239-45617-01    | 239-45617-02    | 239-45617-02    |
| 16   | T&P Relief Valve                            | 415-32920-01    | 415-32920-01    | 415-40594-02    | 415-40594-02    |
| 17   | 3/4 NPT Pipe Plug                           | ---             | ---             | 239-11638-00    | 239-11638-00    |

\*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

▲ Order with item 10.

▲▲ Order with item 13.

<sup>1</sup> For 75 gal models with serial numbers prior to FD11847877.

<sup>2</sup> For 75 gal. models with serial number FD11847877 and after.

◆ For serial numbers beginning with "J" or sooner

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



| Item | Description                                | Model<br>M1TW40S*(BN,CX) | Model<br>M1TW50S*(BN,CX) | Model<br>M2TW50T*(BN,CX) | Model<br>M2TW65T*(BN,CX) |
|------|--------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 18   | Outer Door                                 | 243-41061-00             | 243-41061-00             | 243-41061-00             | 243-41061-00             |
| 19   | Inner Door Complete (Sliding)              | 243-36739-02             | 243-36739-02             | 243-36739-02             | 243-36739-02             |
| 20   | Brass Drain Valve                          | 415-48070-01             | 415-48070-01             | 415-48070-02             | 415-48070-02             |
| 21   | Simulated Resistive Device♦                | 239-45949-00             | 239-45949-00             | 239-45949-00             | 239-45949-00             |
| 22   | Thermowell♦                                | 233-45651-01             | 233-45651-01             | 233-45651-02             | 233-45651-01             |
| 23   | Gas Control Valve Service Tool♦            | 239-45991-00             | 239-45991-00             | 239-45991-00             | 239-45991-00             |
| 24   | Kit-Gas Control Valve Nat. w/Service Tool♦ | 415-45613-01             | 415-45613-01             | 415-45613-01             | 415-45613-01             |
|      | Kit-Gas Control Valve LP w/Service Tool♦   | 415-45614-01             | 415-45614-01             | 415-45614-01             | 415-45614-01             |
| 25   | ASSE Approved Mixing Valve                 | 239-51778-00             | 239-51778-00             | 239-51778-00             | 239-51778-00             |
| 26   | Heat Trap Insert Kit (Optional)            | 265-51572-00             | 265-51572-00             | 265-51572-00             | 265-51572-00             |
| 27   | Gas Valve Natural Gas♦♦                    | 239-48795-01             | 239-48795-01             | 239-48795-02             | 239-48795-02             |
|      | Gas Valve LP Gas♦♦                         | 239-48796-01             | 239-48796-01             | 239-48796-02             | 239-48796-02             |
| 28   | Flammable Vapor Sensor Harness♦♦           | 239-49791-00             | 239-49791-00             | 239-49791-00             | 239-49791-00             |
| 29   | FV Sensor and Thermal Switch Harness♦♦     | 239-50066-00             | 239-50066-00             | 239-50066-00             | 239-50066-00             |
| 30   | Simulated Resistive Device Harness♦♦       | 239-49817-00             | 239-49817-00             | 239-49817-00             | 239-49817-00             |

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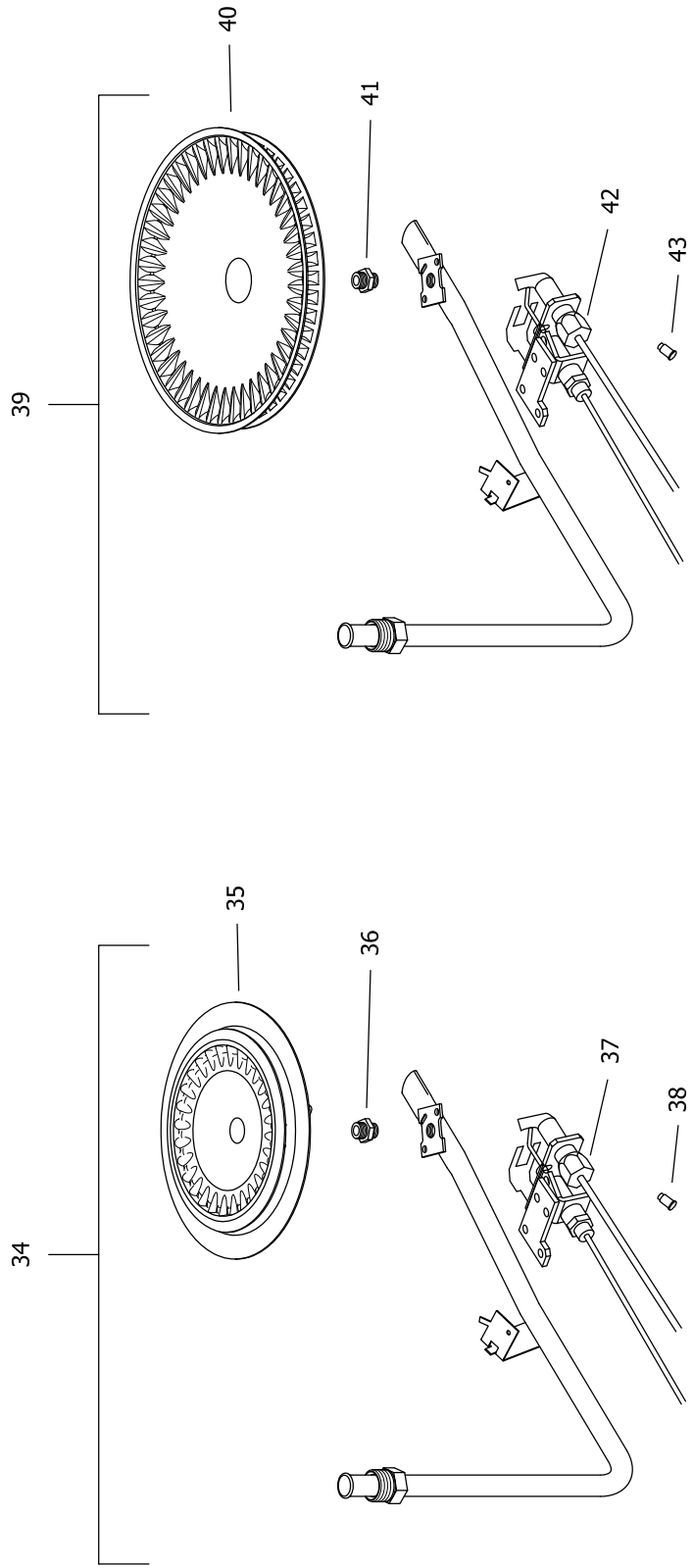
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<sup>1</sup> For 75 gal models with serial numbers prior to FD11847877.

<sup>2</sup> For 75 gal. models with serial number FD11847877 and after.

♦ For serial numbers beginning with "JM" or sooner

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



NATURAL GAS (BN) BURNER ASSEMBLY

LP GAS (SX) BURNER ASSEMBLY

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

| Item | Description                                                            | Model                                               | Model           | Model           | Model           |
|------|------------------------------------------------------------------------|-----------------------------------------------------|-----------------|-----------------|-----------------|
|      | <b>Natural Gas (BN) Burner Assembly</b>                                | M1TW40S*(BN,CX)                                     | M1TW50S*(BN,CX) | M2TW50T*(BN,CX) | M2TW65T*(BN,CX) |
| 31   | Nat. Gas (BN) Burner Assembly Complete**                               | 265-47439-06-32                                     | 265-47439-09-32 | 265-47439-06-26 | 265-47439-09-26 |
| 32   | Nat. Gas (BN) Burner Head                                              | 228-42506-00                                        | 228-42506-00    | 228-42506-00    | 228-42506-00    |
| 33   | Nat. Gas (BN) Main Burner Orifice (0ft to 2000ft)                      | 234-41034-32                                        | 234-41034-32    | 234-41034-26    | 234-41034-26    |
|      | Nat. Gas (BN) High Altitude Orifice (2001ft to 5000ft)                 | 234-41034-33                                        | 234-41034-33    | 234-41034-30    | 234-41034-30    |
|      | Nat. Gas (BN) High Altitude Orifice (5001ft to 8000ft)                 | 234-41034-35                                        | 234-41034-35    | 234-41034-30    | 234-41034-30    |
|      | Nat. Gas (BN) High Altitude Orifice (8001ft & above)                   | 234-41034-38                                        | 234-41034-38    | 234-41034-31    | 234-41034-31    |
| 34   | Nat. Gas Pilot Assembly w/Electrode                                    | 415-45653-05                                        | 415-45653-05    | 415-45653-05    | 415-45653-05    |
| 35   | Nat. Gas Pilot Orifice                                                 | 234-45869-01                                        | 234-45869-01    | 234-45869-01    | 234-45869-01    |
|      |                                                                        |                                                     |                 |                 |                 |
|      | <b>LP Gas (SX) Titanium Stabilized Stainless Steel Burner Assembly</b> | <b>Replacement for LP Gas (CX) Cast Iron Burner</b> |                 |                 |                 |
| 36   | LP Gas (SX) Burner Assembly Complete**                                 | 265-47440-09-50                                     | 265-47440-15-50 | 265-47440-10-43 | 265-47440-16-43 |
| 37   | LP Gas (SX) Burner Head                                                | 228-46964-00                                        | 228-46964-00    | 228-47000-00    | 228-47000-00    |
| 38   | LP Gas (SX) Main Burner Orifice (0ft to 2000ft)                        | 234-47064-50                                        | 234-47064-50    | 234-47064-43    | 234-47064-43    |
|      | LP Gas (SX) High Altitude Orifice (2001ft to 5000ft)                   | 234-47064-51                                        | 234-47064-51    | 234-47064-46    | 234-47064-46    |
|      | LP Gas (SX) High Altitude Orifice (5001ft to 8000ft)                   | 234-47064-52                                        | 234-47064-52    | 234-47064-47    | 234-47064-47    |
|      | LP Gas (SX) High Altitude Orifice (8001ft & above)                     | 234-47064-53                                        | 234-47064-53    | 234-47064-47    | 234-47064-47    |
| 39   | LP Gas Pilot Assembly w/Electrode                                      | 415-45653-04                                        | 415-45653-04    | 415-45653-04    | 415-45653-04    |
| 40   | LP Gas Pilot Orifice                                                   | 234-45869-02                                        | 234-45869-02    | 234-45869-02    | 234-45869-02    |
|      | - LP to Nat. Gas Conversion Kit (Norm. Alt.)                           | 265-46493-01                                        | 265-46493-05    | 265-46493-10    | 265-46493-12    |
|      | - LP to Nat. Gas Conversion Kit (High Alt.)                            | 265-46493-03                                        | 265-46493-07    | 265-46493-13    | 265-46493-15    |

\*Applies to all warranties

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Please order the specific component required for the quickest delivery.

▲ Order with item 10.

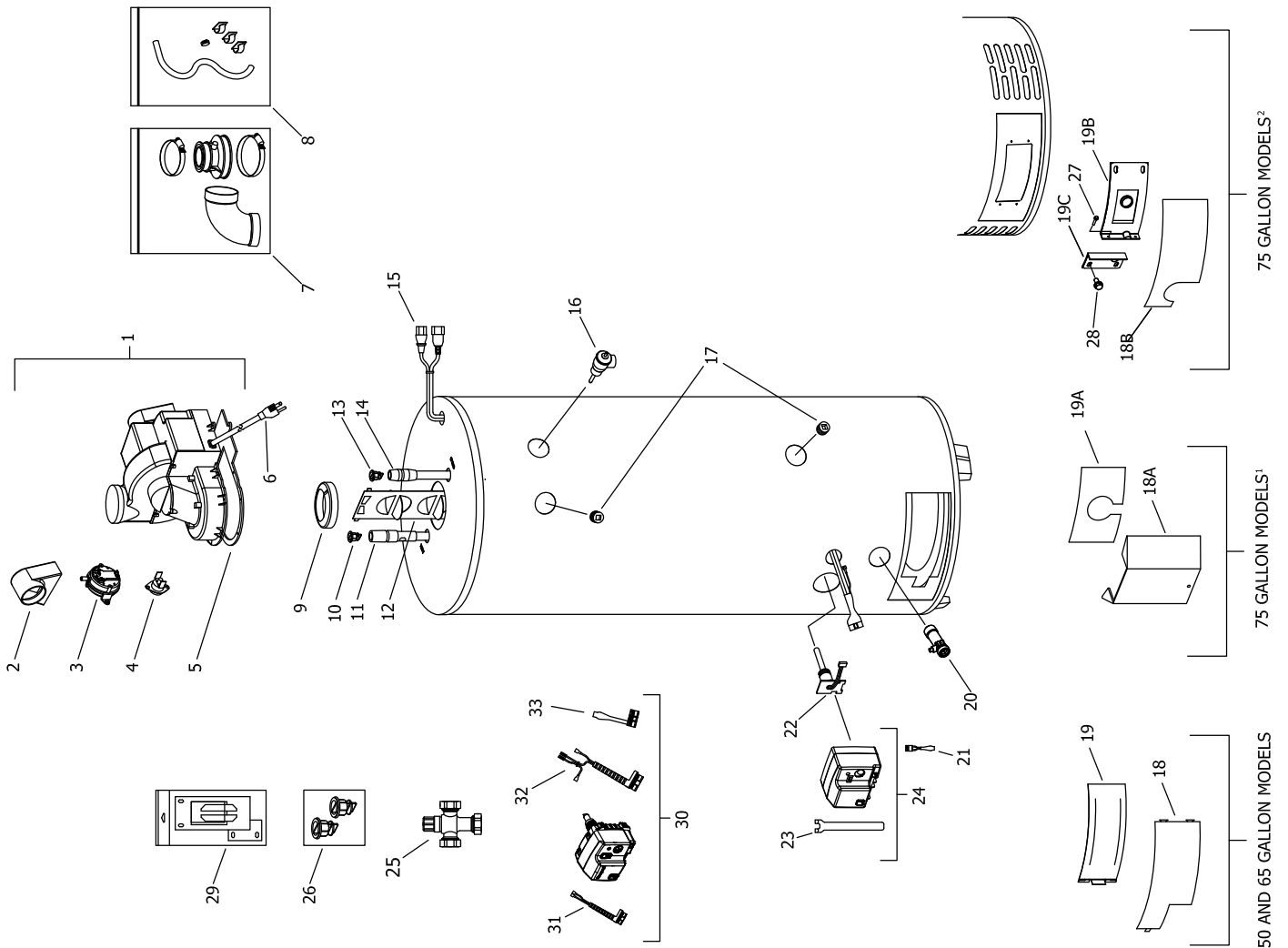
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<sup>1</sup> For 75 gal models with serial numbers prior to FD11847877.

<sup>2</sup> For 75 gal. models with serial number FD11847877 and after.

♦ For serial numbers beginning with "JM" or sooner

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



| Item | Description                                   | Model<br>M2TW75T*(BN,CX) | Model<br>TW450S*(BN,CX) | Model<br>TW465S*(BN,CX) | Model<br>TW475S76*(BN,CX) |
|------|-----------------------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
| 1    | Blower Complete (0ft to 2000ft)               | 415-45583-00             | 415-45583-00            | 415-45583-00            | 415-45583-00              |
|      | Blower Complete High Altitude (Over 2000ft)   | 243-45986-00             | 243-45986-00            | 243-45986-00            | 243-45986-00              |
| 2    | Air Mixing Inlet                              | 239-45868-00             | 239-45868-00            | 239-45868-00            | 239-45868-00              |
| 3    | Pressure Switch (0ft to 2000ft)               | 239-45867-02             | 239-45867-02            | 239-45867-02            | 239-45867-02              |
|      | Pressure Switch (Over 2000ft)                 | 239-45867-04             | 239-45867-04            | 239-45867-04            | 239-45867-04              |
| 4    | Blower Temperature Switch                     | 415-48752-00             | 415-48752-00            | 415-48752-00            | 415-48752-00              |
| 5    | Blower Gasket                                 | 239-45866-00             | 239-45866-00            | 239-45866-00            | 239-45866-00              |
| 6    | Blower Power Cord                             | 239-45990-00             | 239-45990-00            | 239-45990-00            | 239-45990-00              |
| 7    | 3" Vent Adaptor w/Vent Terminal               | 239-46264-00             | 239-46264-00            | 239-46264-00            | 239-46264-00              |
| 8    | Condensate Hose Kit (Optional)                | 415-45875-00             | 415-45875-00            | 415-45875-00            | 415-45875-00              |
| 9    | Flue Reducer                                  | 243-42572-00             | 243-42572-00            | 243-42572-00            | 243-42572-00              |
| 10   | Heat Trap Outlet                              | 415-45167-00             | 415-45167-00            | 415-45167-00            | 415-45167-00              |
| 11   | Hot Water Outlet Anode (Magnesium) ▲          | 415-47776-08             | 415-47776-13            | 415-47776-07            | 415-47776-12              |
|      | Hot Water Outlet Anode (Aluminum) ▲           | 415-32999-30             | 415-32999-21            | 415-32999-06            | 415-32999-21              |
|      | Hot Water Outlet Anode (A420 Aluminum) ▲#     | 415-49560-08             | 415-49560-08            | 415-49560-08            | 415-49560-08              |
| 12   | Flue Baffle                                   | 243-45373-00             | 243-45373-00            | 243-45373-00            | 243-45373-00              |
| 13   | Heat Trap Inlet                               | 415-45073-00             | 415-45073-00            | 415-45073-00            | 415-45073-00              |
| 14   | Cold Water Inlet Dip Tube (PPDTA)▲▲           | 229-39625-05             | 415-45398-01            | 415-45398-02            | 229-39625-19              |
|      | Cold Water Inlet Dip Tube (PSDTA) (NC Code)▲▲ | 229-39628-05             | 415-45092-01            | 229-45092-03            | 229-39628-19              |
| 15   | Blower Harness                                | 239-45617-02             | 239-45617-02            | 239-45617-02            | 239-45617-02              |
| 16   | T&P Relief Valve                              | 415-40594-02             | 415-40594-02            | 415-40594-02            | 415-40594-02              |
| 17   | 3/4 NPT Pipe Plug                             | 239-11638-00             | 239-11638-00            | 239-11638-00            | 239-11638-00              |

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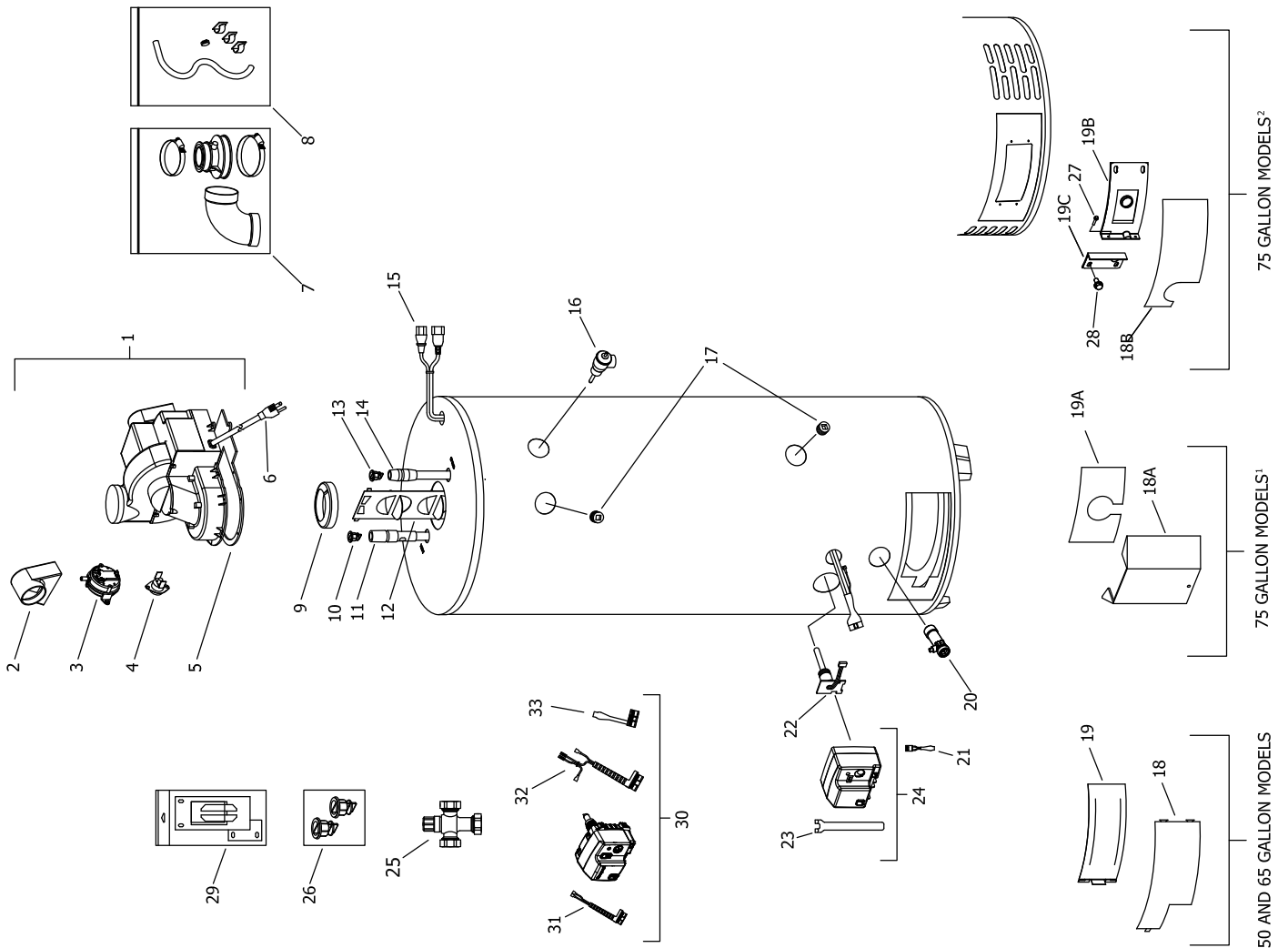
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| Item | Description                                            | Model<br>M2TW75T*(BN,CX)  | Model<br>TW450S*(BN,CX) | Model<br>TW465S*(BN,CX) | Model<br>TW475S76*(BN,CX) |
|------|--------------------------------------------------------|---------------------------|-------------------------|-------------------------|---------------------------|
| 18   | Outer Door                                             | ---                       | 243-41061-00            | 243-41061-00            | ---                       |
| 18A  | Outer Door                                             | 243-37177-00 <sup>1</sup> | ---                     | ---                     | 243-37177-00 <sup>1</sup> |
| 18B  | Outer Door                                             | 243-43962-00 <sup>2</sup> | ---                     | ---                     | 243-43962-00 <sup>2</sup> |
| 19   | Inner Door Complete (Sliding)                          | ---                       | 243-36739-02            | 243-36739-02            | ---                       |
| 19A  | Inner Door Complete (Some 75 gal. models) <sup>1</sup> | 243-39207-00 <sup>1</sup> | ---                     | ---                     | 243-39207-00 <sup>1</sup> |
| 19B  | Right Side Inner Door Complete                         | 239-47504-22 <sup>2</sup> | ---                     | ---                     | 239-47504-22 <sup>2</sup> |
| 19C  | Left Side Inner Door Complete                          | 239-43968-20 <sup>2</sup> | ---                     | ---                     | 239-43968-20 <sup>2</sup> |
| 20   | Brass Drain Valve                                      | 415-48070-02              | 415-48070-02            | 415-48070-02            | 415-48070-02              |
| 21   | Simulated Resistive Device♦                            | 239-45949-00              | 239-45949-00            | 239-45949-00            | 239-45949-00              |
| 22   | Thermowell♦                                            | 233-45651-02              | 233-45651-02            | 233-45651-01            | 233-45651-02              |
| 23   | Gas Control Valve Service Tool♦                        | 239-45991-00              | 239-45991-00            | 239-45991-00            | 239-45991-00              |
| 24   | Kit-Gas Control Valve Nat. w/Service Tool♦             | 415-45613-01              | ---                     | ---                     | ---                       |
|      | Kit-Gas Control Valve LP w/Service Tool♦               | 415-45614-01              | 415-45614-02            | 415-45614-02            | 415-45614-02              |
| 25   | ASSE Approved Mixing Valve                             | 239-43740-01              | 239-43740-01            | 239-43740-01            | 239-43740-01              |
| 26   | Heat Trap Insert Kit (Optional)                        | 265-45419-00              | 265-45419-00            | 265-45419-00            | 265-45419-00              |
| 27   | Screw - 10-12X3/4 Hex/ Washer                          | 239-52581-00 <sup>2</sup> | ---                     | ---                     | 239-52581-00 <sup>2</sup> |
| 28   | Screw - 8-15X3/4 Hex/ Washer                           | 239-44195-00 <sup>2</sup> | ---                     | ---                     | 239-44195-00 <sup>2</sup> |
| 29   | Inner Door Gasket Kit                                  | 239-47792-00              | ---                     | ---                     | 239-47792-00              |
| 30   | Gas Valve Natural Gas♦♦                                | 239-48795-02              | 239-48795-02            | 239-48795-04            | 239-48795-04              |
|      | Gas Valve LP Gas♦♦                                     | 239-48796-02              | 239-48796-02            | 239-48796-04            | 239-48796-04              |
| 31   | Flammable Vapor Sensor Harness♦♦                       | 239-49791-00              | 239-49791-00            | 239-49791-00            | 239-49791-00              |
| 32   | FV Sensor and Thermal Switch Harness♦♦                 | 239-50066-00              | 239-50066-00            | 239-50066-00            | 239-50066-00              |
| 33   | Simulated Resistive Device Harness♦♦                   | 239-49817-00              | 239-49817-00            | 239-49817-00            | 239-49817-00              |

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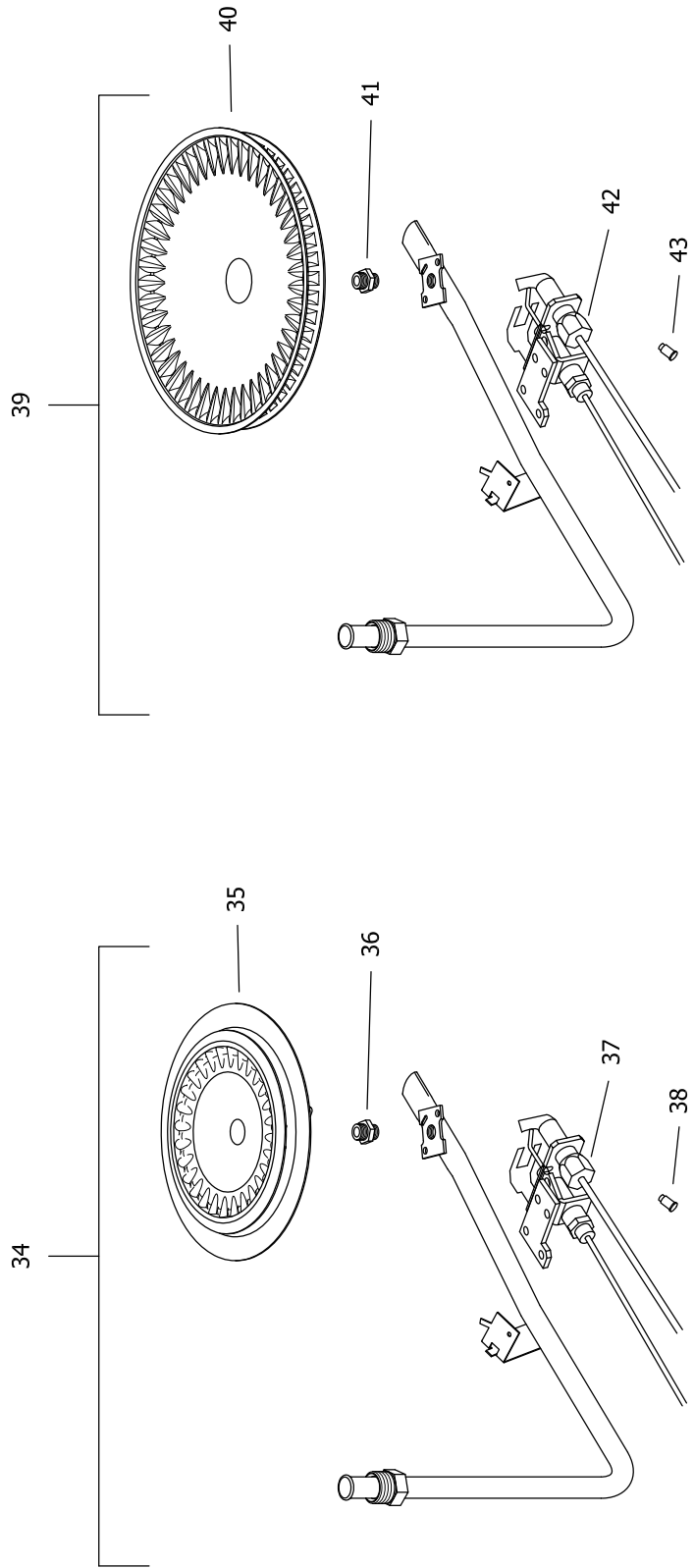
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NATURAL GAS (BN) BURNER ASSEMBLY

LP GAS (SX) BURNER ASSEMBLY

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

| Item | Description                                                            | Model                                               | Model           | Model           | Model                        |
|------|------------------------------------------------------------------------|-----------------------------------------------------|-----------------|-----------------|------------------------------|
|      | <b>Natural Gas (BN) Burner Assembly</b>                                | M2TW75T*(BN,CX)                                     | TW450S*(BN,CX)  | TW465S*(BN,CX)  | TW475S76*(BN,CX)             |
| 34   | Nat. Gas (BN) Burner Assembly Complete**                               | 265-45652-03-21 <sup>1</sup>                        | 265-47439-06-26 | 265-47439-09-26 | 265-45652-03-21 <sup>1</sup> |
| 35   | Nat. Gas (BN) Burner Head                                              | 228-42506-00 <sup>1</sup>                           | 228-42506-00    | 228-42506-00    | 228-42506-00 <sup>1</sup>    |
| 36   | Nat. Gas (BN) Main Burner Orifice (0ft to 2000ft)                      | 234-41034-21                                        | 234-41034-26    | 234-41034-26    | 234-41034-21                 |
|      | Nat. Gas (BN) High Altitude Orifice (2001ft to 5000ft)                 | 234-41034-24                                        | 234-41034-30    | 234-41034-30    | 234-41034-24                 |
|      | Nat. Gas (BN) High Altitude Orifice (5001ft to 8000ft)                 | 234-41034-29                                        | 234-41034-30    | 234-41034-30    | 234-41034-29                 |
|      | Nat. Gas (BN) High Altitude Orifice (8001ft & above)                   | 234-41034-31                                        | 234-41034-31    | 234-41034-31    | 234-41034-31                 |
| 37   | Nat. Gas Pilot Assembly w/Electrode                                    | 233-45653-05                                        | 233-45653-05    | 233-45653-05    | 233-45653-05                 |
| 38   | Nat. Gas Pilot Orifice                                                 | 234-45869-01                                        | 234-45869-01    | 234-45869-01    | 234-45869-01                 |
|      |                                                                        |                                                     |                 |                 |                              |
|      | <b>LP Gas (SX) Titanium Stabilized Stainless Steel Burner Assembly</b> | <b>Replacement for LP Gas (CX) Cast Iron Burner</b> |                 |                 |                              |
| 39   | LP Gas (SX) Burner Assembly Complete**                                 | 265-47112-01-41 <sup>1</sup>                        | 265-47440-10-43 | 265-47440-16-42 | 265-47112-01-41 <sup>1</sup> |
| 40   | LP Gas (SX) Burner Head                                                | 228-46938-00                                        | 228-47000-00    | 228-47000-00    | 228-46938-00                 |
| 41   | LP Gas (SX) Main Burner Orifice (0ft to 2000ft)                        | 234-47064-41 <sup>1</sup>                           | 234-47064-43    | 234-47064-42    | 234-47064-41 <sup>1</sup>    |
|      | LP Gas (SX) High Altitude Orifice (2001ft to 5000ft)                   | 234-47064-44                                        | 234-47064-46    | 234-47064-46    | 234-47064-44                 |
|      | LP Gas (SX) High Altitude Orifice (5001ft to 8000ft)                   | 234-47064-44                                        | 234-47064-47    | 234-47064-47    | 234-47064-44                 |
|      | LP Gas (SX) High Altitude Orifice (8001ft & above)                     | 234-47064-45                                        | 234-47064-47    | 234-47064-47    | 234-47064-45                 |
| 42   | LP Gas Pilot Assembly w/Electrode                                      | 233-45653-04                                        | 233-45653-04    | 233-45653-04    | 233-45653-04                 |
| 43   | LP Gas Pilot Orifice                                                   | 234-45869-02                                        | 234-45869-02    | 234-45869-02    | 234-45869-02                 |
|      | - LP to Nat. Gas Conversion Kit (Norm. Alt.)                           | 265-46493-18 <sup>1</sup>                           | 265-46493-38    | 265-46493-40    | 265-46493-22 <sup>1</sup>    |
|      | - LP to Nat. Gas Conversion Kit (High Alt.)                            | 265-46493-19 <sup>1</sup>                           | 265-46493-39    | 265-46493-41    | 265-46493-28 <sup>1</sup>    |
|      | - LP to Nat. Gas Conversion Kit (Norm. Alt.)                           | 265-46493-63 <sup>2</sup>                           | 265-46493-38    | 265-46493-40    | 265-46493-65 <sup>2</sup>    |
|      | - LP to Nat. Gas Conversion Kit (High Alt.)                            | 265-46493-64 <sup>2</sup>                           | 265-46493-39    | 265-46493-41    | 265-46493-66 <sup>2</sup>    |

\*Applies to all warranties

\*\*Ordering a complete burner assembly may increase delivery time.

Please order the specific component required for the quickest delivery.

▲ Order with item 10.

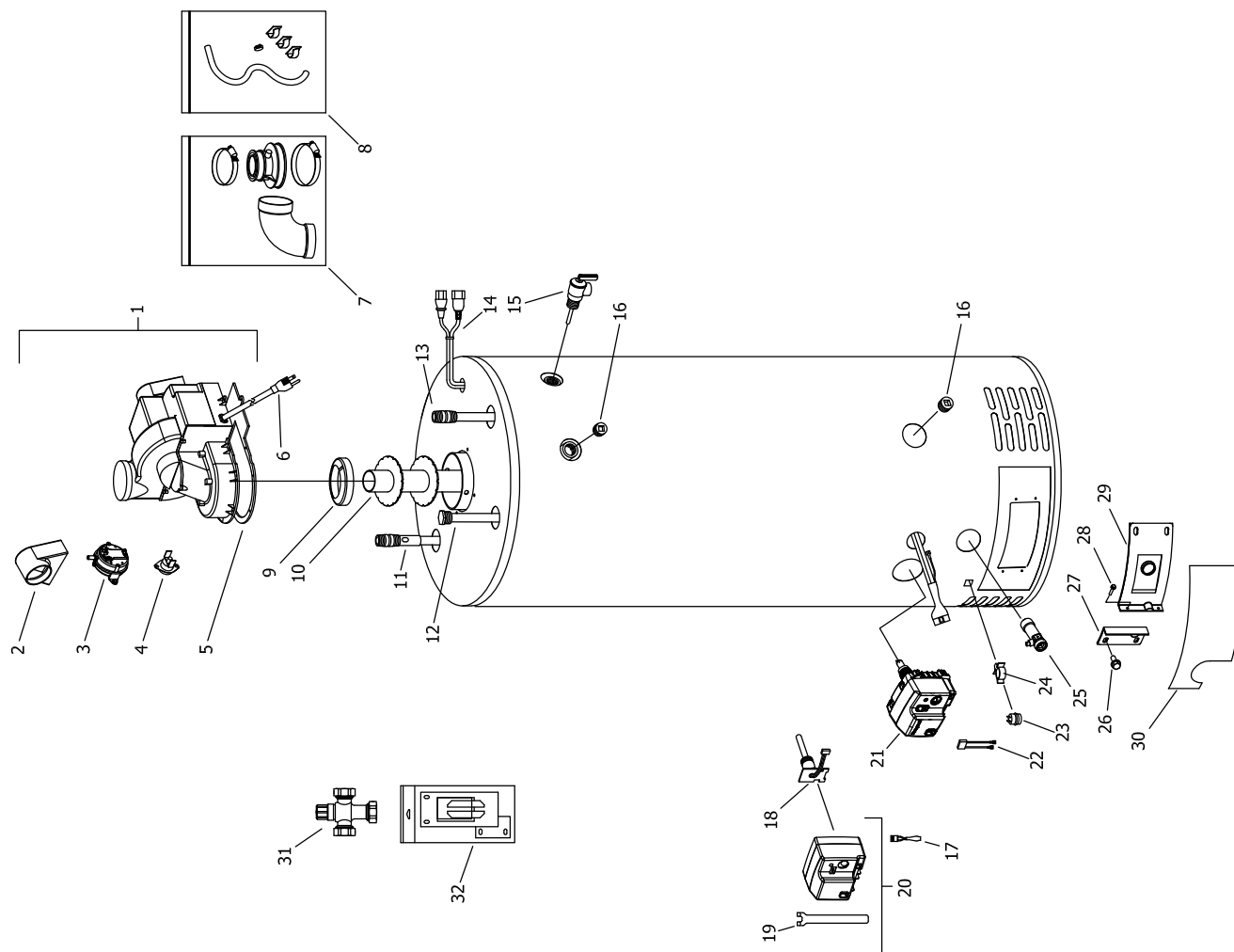
▲▲ Order with item 13.

<sup>1</sup> For 75 gal models with serial numbers prior to FD11847877.

<sup>2</sup> For 75 gal. models with serial number FD11847877 and after.

♦ For serial numbers beginning with "JM" or sooner

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



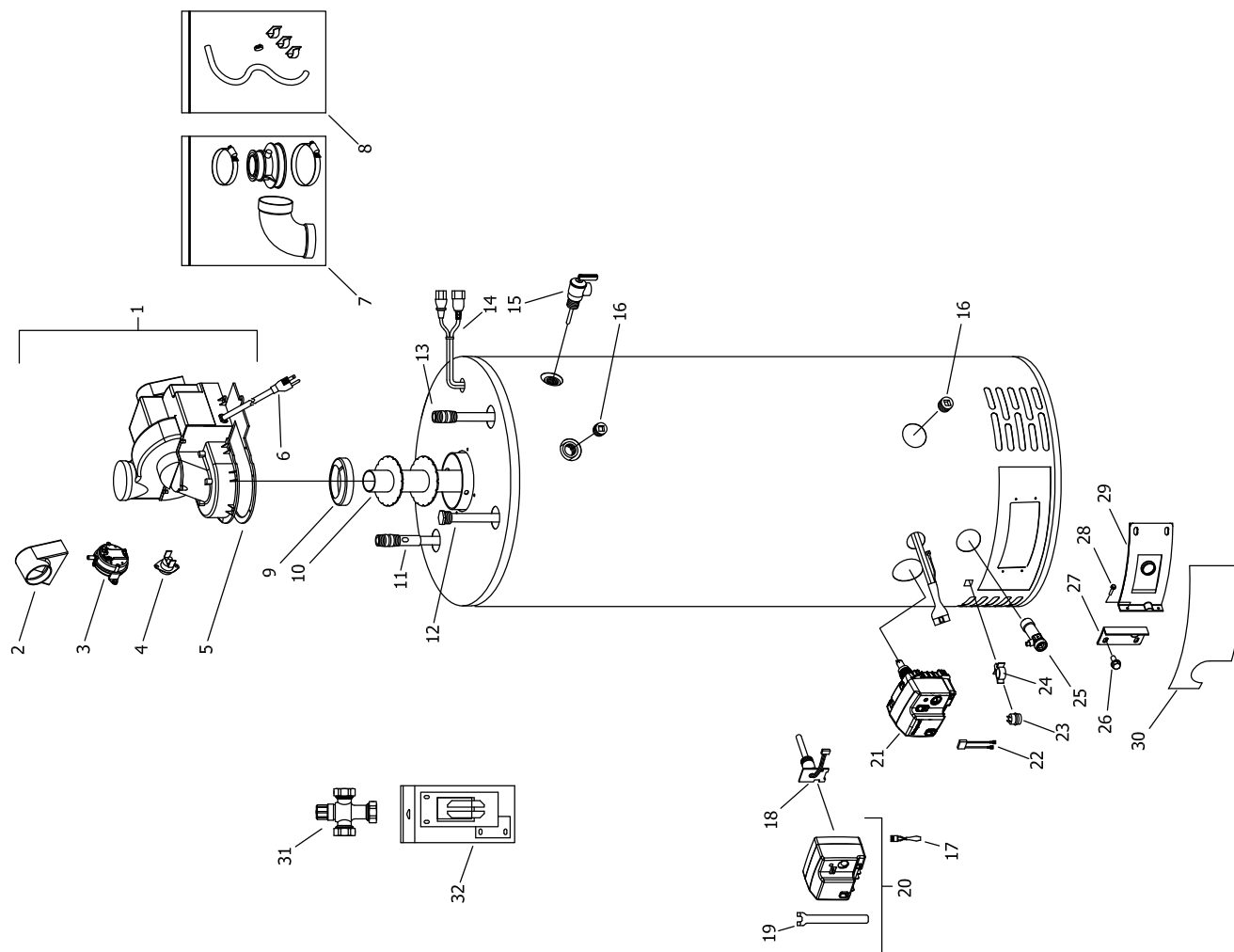
| Item | Description                                 | Model            | Model            | Model              | Model              |
|------|---------------------------------------------|------------------|------------------|--------------------|--------------------|
|      |                                             | GX2TW25S*(BN,SX) | GX1TW55S*(BN,SX) | TW25X76(B,S)3(N,X) | TW55X78(B,S)3(N,X) |
| 1    | Blower Complete (0ft to 2000ft)             | 239-47659-00     | 239-47659-00     | 239-47659-00       | 239-47659-00       |
|      | Blower Complete High Altitude (Over 2000ft) | 243-47660-00     | 239-45583-00     | 243-47660-00       | 243-47660-00       |
| 2    | Air Mixing Inlet                            | 239-45868-00     | 239-45868-00     | 239-45868-00       | 239-45868-00       |
| 3    | Pressure Switch (0ft to 2000ft)             | 415-47815-01     | 415-47815-01     | 415-47815-01       | 415-47815-01       |
|      | Pressure Switch (Over 2000ft)               | 415-47815-02     | 415-47815-02     | 415-47815-02       | 415-47815-02       |
| 4    | Blower Temperature Switch                   | 415-48752-00     | 415-48752-00     | 415-48752-00       | 415-48752-00       |
| 5    | Blower Gasket                               | 239-45866-00     | 239-45866-00     | 239-45866-00       | 239-45866-00       |
| 6    | Blower Power Cord                           | 239-45990-00     | 239-45990-00     | 239-45990-00       | 239-45990-00       |
| 7    | 3" Vent Adaptor w/Vent Terminal             | 239-46264-00     | 239-45639-00     | 239-46264-00       | 239-46264-00       |
| 8    | Condensate Hose Kit (Optional)              | 415-45875-00     | 415-45875-00     | 415-45875-00       | 415-45875-00       |
| 9    | Flue Reducer                                | 243-42572-00     | 243-42572-00     | ---                | ---                |
| 10   | Flue Core                                   | 239-47658-00     | 239-47658-00     | 239-47658-00       | 239-47658-00       |
| 11   | Hot Water Outlet Anode (Magnesium) #        | 415-47776-19     | 415-47776-19     | 415-47776-19       | 415-47776-19       |
|      | Hot Water Outlet Anode (Aluminum) #         | 415-32999-42     | 415-32999-42     | 415-32999-42       | 415-32999-42       |
|      | Hot Water Outlet Anode (A420 Aluminum) #    | 415-49560-08     | 415-49560-08     | 415-49560-08       | 415-49560-08       |
| 12   | Hex Head Anode (Magnesium) #                | 415-47782-08     | 415-47782-08     | ---                | ---                |
|      | Hex Head Anode (Aluminum) #                 | 224-38508-01     | 224-38508-01     | ---                | ---                |
|      | Hex Head Anode (A420 Aluminum) #            | 415-49559-04     | 415-49559-04     | ---                | ---                |
| 13   | Cold Water Inlet Dip Tube (NC Code)         | 415-45092-02     | 415-45092-02     | 415-45092-02       | 415-45092-02       |
| 14   | Blower Harness                              | 239-45617-02     | 239-45617-02     | 239-45617-02       | 239-45617-02       |
| 15   | T&P Relief Valve                            | 415-40594-03     | 415-40594-01     | 415-40594-02       | 415-40594-02       |
| 16   | 3/4 NPT Pipe Plug                           | 239-11638-00     | 239-11638-00     | 239-11638-00       | 239-11638-00       |

\*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

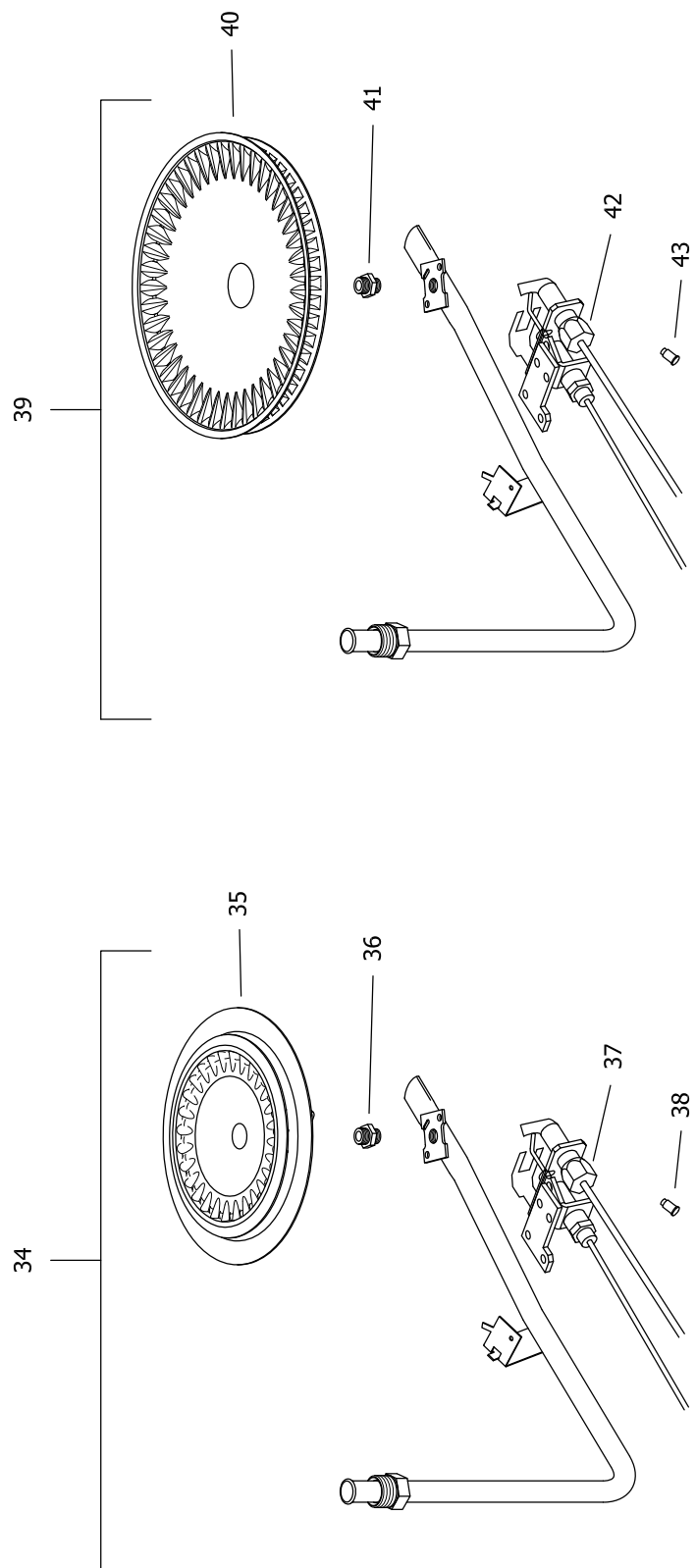


| Item | Description                                | Model<br>GX2TW25S*(BN,SX) | Model<br>GX1TW55S*(BN,SX) | Model<br>TW25X76(B,S)3(N,X) | Model<br>TW55X78(B,S)3(N,X) |
|------|--------------------------------------------|---------------------------|---------------------------|-----------------------------|-----------------------------|
| 17   | Simulated Resistive Device♦                | ---                       | ---                       | 239-45949-00                | 239-45949-00                |
| 18   | Thermowell♦                                | ---                       | ---                       | 233-45651-02                | 233-45651-01                |
| 19   | Gas Control Valve Service Tool♦            | ---                       | ---                       | 239-45991-00                | 239-45991-00                |
| 20   | Kit-Gas Control Valve Nat. w/Service Tool♦ | ---                       | ---                       | 415-45613-01                | 415-45613-01                |
|      | Kit-Gas Control Valve LP w/Service Tool♦   | ---                       | ---                       | 415-45614-01                | 415-45614-01                |
| 21   | Gas Valve Natural Gas♦♦                    | 239-48795-04              | 239-48795-02              | 239-48795-02                | 239-48795-04                |
|      | Gas Valve LP Gas♦♦                         | 239-48796-04              | 415-45614-02              | 415-45614-02                | 415-45614-02                |
| 22   | Flammable Vapor Sensor Harness♦♦           | 239-49791-00              | 239-49791-00              | 239-49791-00                | 239-49791-00                |
| 23   | FV Sensor                                  | 239-45560-00              | 239-49817-00              | 239-49817-00                | 239-49817-00                |
| 24   | Sensor clip                                | 239-45648-00              | 239-50066-00              | 239-50066-00                | 239-50066-00                |
| 25   | Brass Drain Valve                          | 415-48070-02              | 415-48070-01              | 415-48070-02                | 415-48070-01                |
| 26   | Screw - 10-12X3/4 Hex/ Washer              | 239-44113-00              | 239-44113-00              | 239-44116-00                | 239-44116-00                |
| 27   | Left Side Inner Door Complete              | 239-43968-14              | 239-43968-20              | 239-43968-14                | 239-43968-20                |
| 28   | Screw - 8-15X3/4 Hex/ Washer               | 239-44195-00              | 239-44195-00              | 239-44195-00                | 239-44195-00                |
| 29   | Right Side Inner Door Complete             | 239-43963-15              | 239-45642-20              | 239-43963-15                | 239-45642-20                |
| 30   | Outer Door                                 | 243-41061-00              | 243-41061-00              | 243-43962-00                | 243-43962-00                |
| 31   | ASSE Approved Mixing Valve                 | 239-51778-00              | 239-51778-00              | 239-51778-00                | 239-51778-00                |
| 32   | Inner Door Gasket Kit                      | 239-44078-00              | 239-44078-00              | 239-44078-00                | 239-44078-00                |

\*Applies to all warranties

♦ For serial numbers beginning with "JM" or sooner

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



NATURAL GAS (BN) BURNER ASSEMBLY

LP GAS (SX) BURNER ASSEMBLY

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

| Item                                                                   | Description                                            | Model            | Model            | Model              | Model              |
|------------------------------------------------------------------------|--------------------------------------------------------|------------------|------------------|--------------------|--------------------|
|                                                                        | <b>Natural Gas (BN) Burner Assembly</b>                | GX2TW25S*(BN,SX) | GX1TW55S*(BN,SX) | TW25X76(B,S)3(N,X) | TW55X78(B,S)3(N,X) |
| 33                                                                     | Nat. Gas (BN) Burner Assembly Complete**               | 265-47439-14-25  | 265-45652-07-24  | 265-47439-14-25    | 265-47439-15-24    |
| 34                                                                     | Nat. Gas (BN) Burner                                   | 228-47000-00     | 228-47000-00     | 228-47000-00       | 228-47000-00       |
| 35                                                                     | Nat. Gas (BN) Main Burner Orifice (0ft to 2000ft)      | 234-41034-25     | 234-41034-24     | 234-41034-25       | 234-41034-24       |
|                                                                        | Nat. Gas (BN) High Altitude Orifice (2001ft to 5000ft) | 234-41034-28     | 234-41034-26     | 234-41034-28       | 234-41034-26       |
|                                                                        | Nat. Gas (BN) High Altitude Orifice (5001ft to 8000ft) | 234-41034-28     | 234-41034-26     | 234-41034-28       | 234-41034-26       |
|                                                                        | Nat. Gas (BN) High Altitude Orifice (8001ft & above)   | 234-41034-28     | 234-41034-26     | 234-41034-28       | 234-41034-26       |
| 36                                                                     | Nat. Gas Pilot Assembly w/Electrode                    | 415-45653-05     | 415-45653-05     | 415-45653-05       | 415-45653-05       |
| 37                                                                     | Nat. Gas Pilot Orifice                                 | 234-45869-01     | 234-45869-01     | 234-45869-01       | 234-45869-01       |
| <b>LP Gas (SX) Titanium Stabilized Stainless Steel Burner Assembly</b> |                                                        |                  |                  |                    |                    |
| 38                                                                     | LP Gas (SX) Burner Assembly Complete**                 | 265-47440-24-41  | 243-47119-02     | 265-47440-24-41    | 265-47440-10-40    |
| 39                                                                     | LP Gas (SX) Burner Head                                | 228-47000-00     | 228-47000-00     | 228-47000-00       | 228-47000-00       |
| 40                                                                     | LP Gas (SX) Main Burner Orifice (0ft to 2000ft)        | 234-47064-41     | 234-47064-40     | 234-47064-41       | 234-47064-40       |
|                                                                        | LP Gas (SX) High Altitude Orifice (2001ft to 5000ft)   | 234-47064-45     | 234-47064-44     | 234-47064-45       | 234-47064-44       |
|                                                                        | LP Gas (SX) High Altitude Orifice (5001ft to 8000ft)   | 234-47064-45     | 234-47064-44     | 234-47064-45       | 234-47064-44       |
|                                                                        | LP Gas (SX) High Altitude Orifice (8001ft & above)     | 234-47064-45     | 234-47064-44     | 234-47064-45       | 234-47064-44       |
| 41                                                                     | LP Gas Pilot Assembly w/Electrode                      | 415-45653-04     | 415-45653-04     | 415-45653-04       | 415-45653-04       |
| 42                                                                     | LP Gas Pilot Orifice                                   | 234-45869-02     | 234-45869-02     | 234-45869-02       | 234-45869-02       |
|                                                                        | - LP to Nat. Gas Conversion Kit (Norm. Alt.)           | 265-46493-44     | 265-46493-42     | 265-46493-44       | 265-46493-42       |
|                                                                        | - LP to Nat. Gas Conversion Kit (High Alt.)            | 265-46493-45     | 265-46493-43     | 265-46493-45       | 265-46493-43       |
|                                                                        | - LP to Nat. Gas Conversion Kit (Norm. Alt.)           | 265-46493-44     | 265-46493-42     | 265-46493-44       | 265-46493-42       |
|                                                                        | - LP to Nat. Gas Conversion Kit (High Alt.)            | 265-46493-45     | 265-46493-43     | 265-46493-45       | 265-46493-43       |

\*Applies to all warranties

\*\*Ordering a complete burner assembly may increase delivery time.

## Reference Chart of Anode Length by Model

| Model              | AOD Anode Cut Length<br>(End to end) |             | Hex Head Anode Cut<br>Length (End to end) |             |
|--------------------|--------------------------------------|-------------|-------------------------------------------|-------------|
|                    | Inches                               | Millimeters | Inches                                    | Millimeters |
| M1TW40S*(BN,CX)    | 34.5                                 | 876         | ---                                       | ---         |
| M1TW50S*(BN,CX)    | 34.5                                 | 876         | ---                                       | ---         |
| M2TW50T*(BN,CX)    | 47.5                                 | 1207        | ---                                       | ---         |
| M2TW65T*(BN,CX)    | 46                                   | 1168        | ---                                       | ---         |
| M2TW75T*(BN,CX)    | 46.63                                | 1184        | ---                                       | ---         |
| TW450S*(BN,CX)     | 47.5                                 | 1207        | ---                                       | ---         |
| TW465S*(BN,CX)     | 50.13                                | 1273        | ---                                       | ---         |
| TW475S76*(BN,CX)   | 47.13                                | 1197        | ---                                       | ---         |
| GX2TW25S*(BN,SX)   | 43.63                                | 1108        | 40                                        | 1016        |
| GX1TW55S*(BN,SX)   | 43.63                                | 1108        | 40                                        | 1016        |
| TW25X76(B,S)3(N,X) | 43.63                                | 1108        | 40                                        | 1016        |
| TW55X78(B,S)3(N,X) | 43.63                                | 1108        | 40                                        | 1016        |



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