



## REPLACEMENT PARTS LIST

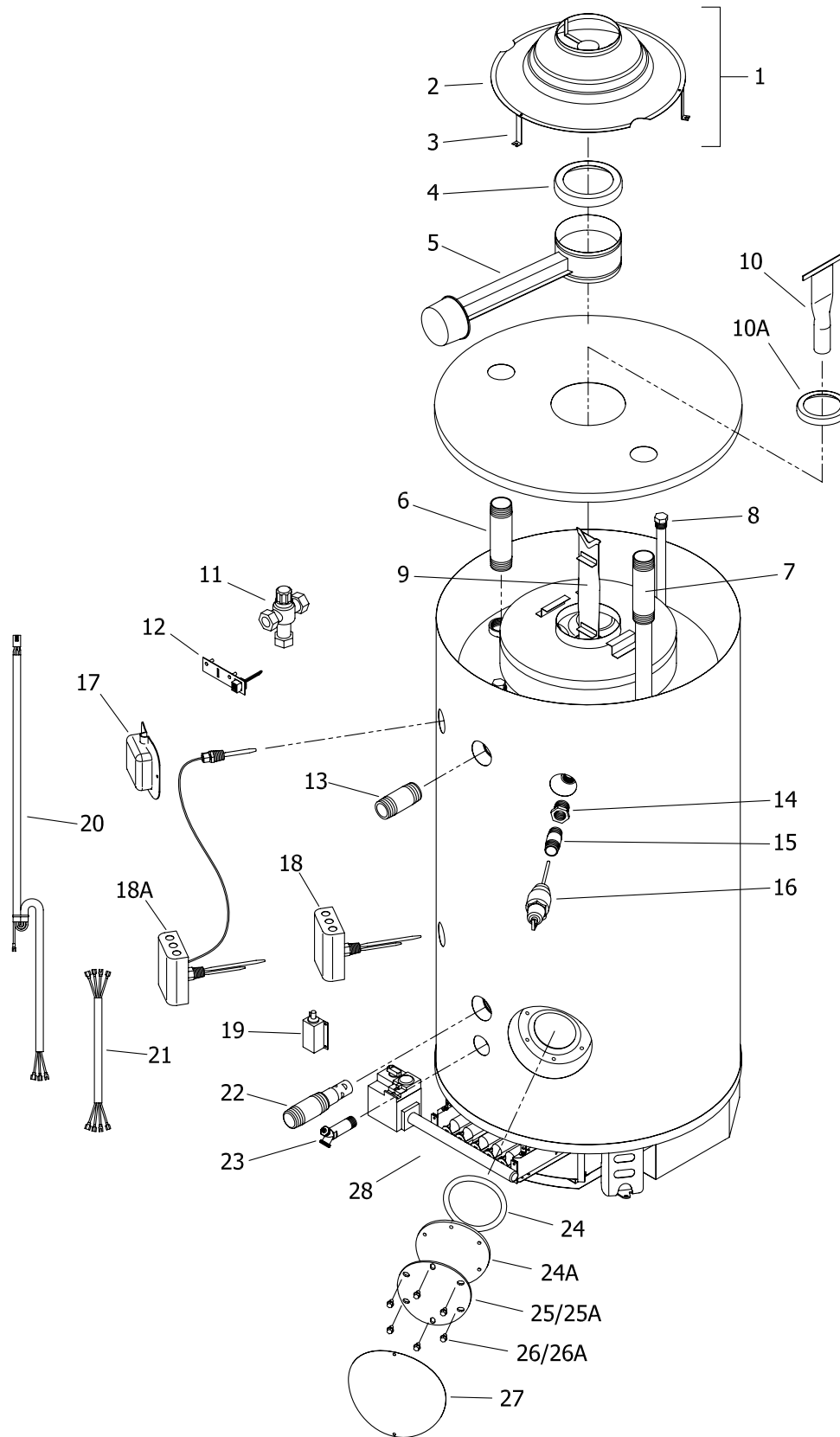
### ENERGY SAVER COMMERCIAL GAS MILLIVOLT (DM) MODELS



***Effective: March 19, 2007  
ECO 7008***

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

Specification subject to  
change without notice.



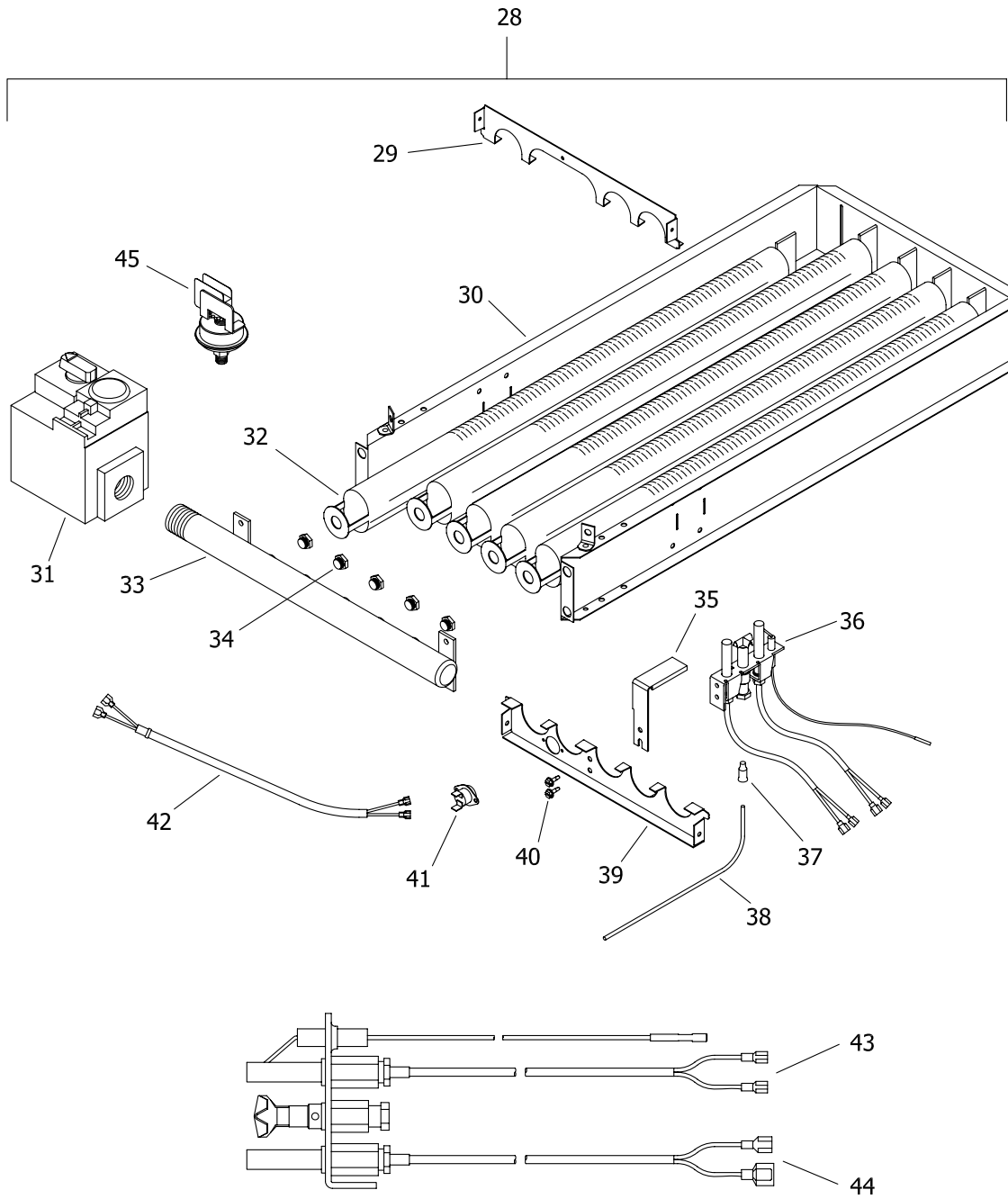
| Item | Description                           | Model<br>DM38T155(E)*(N,X) | Model<br>DM75T125(E)*(N,X) | Model<br>DM75T160(E)*(N,X) | Model<br>DM80T180(E)*(N,X) | Model<br>DM80T199(E)*(N,X) |
|------|---------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 1    | Draft Diverter Complete with Leg Kit  | 265-46541-00               | 265-46542-00               | 265-46543-00               | 265-46544-00               | 265-46544-00               |
| 2    | Draft Diverter Only                   | 243-81733-00-01            | 243-82000-01-01            | 243-81998-00-01            | 243-81986-00-01            | 243-81986-00-01            |
| 3    | Draft Diverter Leg Kit Only           | 243-43690-02               | 243-43689-02               | 243-43690-06               | 243-43690-02               | 243-43690-02               |
| 4    | Flue Damper Reducer                   | ---                        | 239-81980-00               | 239-81980-00               | ---                        | ---                        |
| 5    | Flue Damper Complete                  | 239-42806-00               | 243-42823-00               | 243-42823-00               | 239-42806-00               | 239-42806-00               |
| 6    | Hot Water Outlet Nipple (Top)         | ---                        | 229-40913-01               | 229-40913-01               | 229-40913-01               | 229-40913-01               |
| 7    | Cold Water Inlet Diptube (Top)        | ---                        | 229-43192-01               | 229-43192-01               | 229-43192-03               | 229-43192-03               |
| 8    | Plug Type Anode Rod (Magnesium)       | 224-32758-27 (Qty. 3)      | 224-32758-15 (Qty. 2)      | 224-32758-15 (Qty. 2)      | 224-32758-29 (Qty. 2)      | 224-32758-29 (Qty. 2)      |
| 9    | Plug Type Anode Rod (Aluminum)        | 224-38508-02 (Qty. 3)      | 224-38508-03 (Qty. 2)      | 224-38508-03 (Qty. 2)      | 224-38508-03 (Qty. 2)      | 224-38508-03 (Qty. 2)      |
| 9    | Flue Baffle                           | 243-81683-00 (Qty. 11)     | ---                        | ---                        | 243-81563-00 (Qty. 8)      | 243-82118-00 (Qty. 8)      |
| 10   | Flue Core                             | ---                        | 239-81476-00 (Qty. 2)      | ---                        | ---                        | ---                        |
| 10A  | Flue Reducer                          | ---                        | 243-36920-00               | 243-36920-00               | ---                        | ---                        |
| 11   | ASSE Approved Mixing Valve (Optional) | 239-43740-02               | 239-43740-02               | 239-43740-02               | 239-43740-02               | 239-43740-02               |
| 12   | Damper Service Plate with Kit         | 243-42888-00               | 243-42888-00               | 243-42888-00               | 243-42888-00               | 243-42888-00               |
| 13   | Hot Water Outlet Nipple (Side)        | 229-40913-02               | 229-40913-02               | 229-40913-02               | 229-40913-02               | 229-40913-02               |
| 14   | 1" NPT to 3/4" NPT Reducer Bushing    | 239-02052-00               | ---                        | ---                        | 239-02052-00               | 239-02052-00               |
| 15   | 3/4" NPT Nipple                       | 229-32762-04               | 229-32762-04               | 229-32762-04               | 229-32762-04               | 229-32762-04               |
| 15   | 1" NPT Nipple                         | ---                        | ---                        | ---                        | ---                        | ---                        |
| 16   | T&P Valve                             | 230-30246-00               | 230-30246-00               | 230-30246-00               | 230-30246-00               | 230-30246-00               |
| 17   | Utility Cover                         | 239-80281-03               | 239-80281-03               | 239-80281-03               | 239-80281-03               | 239-80281-03               |
| 18   | Thermostat (Single Probe)             | 233-44742-00               | 233-44742-00               | 233-44742-00               | ---                        | ---                        |
| 18A  | Thermostat (Dual Probe)               | ---                        | ---                        | ---                        | 233-44741-00               | 233-44741-00               |
| 19   | Piezo Igniter                         | 239-41065-00               | 239-41065-00               | 239-41065-00               | 239-41065-00               | 239-41065-00               |
| 20   | Harness-Flue Damper                   | 239-42799-02               | 239-42799-01               | 239-42799-01               | 239-42799-03               | 239-42799-03               |
| 21   | Harness-Gas Valve & Thermostat        | 239-42800-01               | 239-42800-01               | 239-42800-01               | 239-42800-02               | 239-42800-02               |
| 22   | Cold Water Inlet Diptube (Side)       | 229-44731-00               | 229-44731-00               | 229-44731-00               | 229-44731-00               | 229-44731-00               |
| 23   | Brass Drain Valve                     | 265-42351-04               | 265-42351-04               | 265-42351-04               | 265-42351-04               | 265-42351-04               |
| 24   | Cleanout O-Ring Gasket                | 205-18427-00               | 205-18427-00               | 205-18427-00               | 205-18427-00               | 205-18427-00               |
| 24A  | Cleanout Gasket (ASME)                | ---                        | ---                        | ---                        | ---                        | ---                        |
| 25   | Cleanout Cover                        | 205-18428-00               | 205-18428-00               | 205-18428-00               | 205-18428-00               | 205-18428-00               |
| 25A  | Cleanout Cover (ASME)                 | ---                        | ---                        | ---                        | ---                        | ---                        |
| 26   | Cleanout Cover Screw                  | 239-82166-00               | 239-82166-00               | 239-82166-00               | 239-82166-00               | 239-82166-00               |
| 26A  | Cleanout Cover Screw (ASME)           | ---                        | ---                        | ---                        | ---                        | ---                        |
| 27   | Cleanout Access Cover                 | 243-20299-00               | 243-20299-00               | 243-20299-00               | 243-20299-00               | 243-20299-00               |

\* Applies to all warranties

\*\* Ordering a complete burner rack may increase delivery time. Please order the specific component required for the quickest delivery. Does not include item 45.

\*\*\* No LP version model available.

- ▲ Applies when "E" is present in model number (Example: D38T155**E**3N).
- ▲▲ For models with serial number beginning with AG and prior.
- ▲▲▲ For models with serial numbers beginning with AH or later.



THERMOPILE DETAIL

| Item | Description                                       | Model                   | Model                 | Model                   | Model                   | Model                 |
|------|---------------------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------|
|      |                                                   | DM38T155(E)*(N,X)       | DM75T125(E)*(N,X)     | DM75T160(E)*(N,X)       | DM80T180(E)*(N,X)       | DM80T199(E)*(N,X)     |
| 28   | Burner Rack Complete (Natural Gas) **             | 243-42814-09            | 243-42813-01          | 243-42814-01            | 243-42814-05            | 243-42814-03          |
|      | Burner Rack Complete (Natural Gas) (Lo NOX) **▲   | 243-42937-05            | 243-42936-01          | 243-42937-01            | 243-42937-03            | 243-42937-02          |
|      | Burner Rack Complete (LP Gas) **                  | 243-42814-02            | 243-42813-02          | 243-42814-02            | 243-42814-06            | 243-42814-04          |
| 29   | Draft Panel                                       | 239-39419-00            | 239-39419-00          | 239-39419-00            | 239-39419-00            | 239-39419-00          |
| 30   | Burner Rack Only                                  | 233-81969-01            | 243-82107-00          | 233-81969-01            | 233-81969-01            | 233-81969-01          |
| 31   | Gas Valve (Natural Gas)                           | 265-45510-01            | 265-45510-01          | 265-45510-01            | 265-45510-01            | 265-45510-01          |
|      | Gas Valve (LP Gas)                                | 265-45510-02            | 265-45510-02          | 265-45510-02            | 265-45510-02            | 265-45510-02          |
| 32   | Burner Tube (Standard)                            | 228-39177-00 (Qty. 5)   | 228-39177-00 (Qty. 3) | 228-39177-00 (Qty. 5)   | 228-39177-00 (Qty. 5)   | 228-39177-00 (Qty. 5) |
|      | Burner Tube (Lo-NOX) ▲                            | 228-42490-00 (Qty. 5)   | 228-42490-00 (Qty. 3) | 228-42490-00 (Qty. 5)   | 228-42490-00 (Qty. 5)   | 228-42490-00 (Qty. 5) |
|      | Burner Tube (Stainless Steel)                     | 228-81964-00 (Qty. 5)   | 228-81964-00 (Qty. 3) | 228-81964-00 (Qty. 5)   | 228-81964-00 (Qty. 5)   | 228-81964-00 (Qty. 5) |
| 33   | Burner Manifold                                   | 233-39170-00            | 233-39174-00          | 233-39170-00            | 233-39170-00            | 233-39170-00          |
| 34   | Main Burner Orifice (Natural Gas) (0ft to 2000ft) | 234-06016-73 (Qty. 5)   | 234-06016-33 (Qty. 3) | 234-06016-39 (Qty. 5)   | 234-06016-37 (Qty. 5)   | 234-06016-35 (Qty. 5) |
|      | High Altitude (Natural Gas) (2001ft to 5000ft)    | 234-06016-42 (Qty. 5)   | 234-06016-36 (Qty. 3) | 234-06016-42 (Qty. 5)   | 234-06016-39 (Qty. 5)   | 234-06016-37 (Qty. 5) |
|      | High Altitude (Natural Gas) (5001ft to 8000ft)    | 234-06016-43 (Qty. 5)   | 234-06016-38 (Qty. 3) | 234-06016-43 (Qty. 5)   | 234-06016-42 (Qty. 5)   | 234-06016-39 (Qty. 5) |
|      | High Altitude (Natural Gas) (8001ft & above)      | 234-06016-44 (Qty. 5)   | 234-06016-39 (Qty. 3) | 234-06016-44 (Qty. 5)   | 234-06016-42 (Qty. 5)   | 234-06016-40 (Qty. 5) |
|      | Main Burner Orifice (LP Gas) (0ft to 2000ft)      | 234-06016-52 (Qty. 5)   | 234-06016-48 (Qty. 3) | 234-06016-52 (Qty. 5)   | 234-06016-50 (Qty. 5)   | 234-06016-49 (Qty. 5) |
|      | High Altitude (LP Gas) (2001ft to 5000ft)         | 234-06016-1/16 (Qty. 5) | 234-06016-50 (Qty. 3) | 234-06016-1/16 (Qty. 5) | 234-06016-51 (Qty. 5)   | 234-06016-50 (Qty. 5) |
|      | High Altitude (LP Gas) (5001ft to 8000ft)         | 234-06016-53 (Qty. 5)   | 234-06016-51 (Qty. 3) | 234-06016-53 (Qty. 5)   | 234-06016-1/16 (Qty. 5) | 234-06016-51 (Qty. 5) |
|      | High Altitude (LP Gas) (8001ft & above)           | 234-06016-53 (Qty. 5)   | 234-06016-51 (Qty. 3) | 234-06016-53 (Qty. 5)   | 234-06016-1/16 (Qty. 5) | 234-06016-52 (Qty. 5) |
| 35   | Pilot Shield                                      | 239-41333-00            | 239-41333-00          | 239-41333-00            | 239-41333-00            | 239-41333-00          |
| 36   | Pilot Assembly (Natural Gas)                      | 265-46289-01            | 265-46289-01          | 265-46289-01            | 265-46289-01            | 265-46289-01          |
|      | Pilot Assembly (LP Gas)                           | 265-46289-02            | 265-46289-02          | 265-46289-02            | 265-46289-02            | 265-46289-02          |
| 37   | Pilot Orifice (Natural Gas)                       | 234-46653-01            | 234-46653-01          | 234-46653-01            | 234-46653-01            | 234-46653-01          |
|      | Pilot Orifice (LP Gas)                            | 234-46653-02            | 234-46653-02          | 234-46653-02            | 234-46653-02            | 234-46653-02          |
| 38   | Aluminum Pilot Tube                               | 233-80361-10            | 233-80361-10          | 233-80361-10            | 233-80361-10            | 233-80361-10          |
| 39   | Burner Support                                    | 239-45180-00            | 239-45180-00          | 239-45180-00            | 239-45180-00            | 239-45180-00          |
| 40   | Pilot Mounting Screw                              | 239-11706-00 (Qty. 2)   | 239-11706-00 (Qty. 2) | 239-11706-00 (Qty. 2)   | 239-11706-00 (Qty. 2)   | 239-11706-00 (Qty. 2) |
| 41   | Auto-Reset Thermal Switch ▲▲▲                     | 239-45166-00            | 239-45166-00          | 239-45166-00            | 239-45166-00            | 239-45166-00          |
| 42   | Harness-Thermal Switch ▲▲▲                        | 239-45188-00            | 239-45188-00          | 239-45188-00            | 239-45188-00            | 239-45188-00          |
| 43   | Thermopile-Gas Valve                              | 233-46670-00            | 233-46670-00          | 233-46670-00            | 233-46670-00            | 233-46670-00          |
| 44   | Thermopile-Damper                                 | 233-46700-00            | 233-46700-00          | 233-46700-00            | 233-46700-00            | 233-46700-00          |
| 45   | Pressure Switch ▲▲▲                               | 239-42797-00            | 239-42797-00          | 239-42797-00            | 239-42797-00            | 239-42797-00          |
| -    | LP to Natural Gas Conversion Kit                  | 265-46032-01            | 265-46032-02          | 265-46032-03            | 265-46032-04            | 265-46032-05          |

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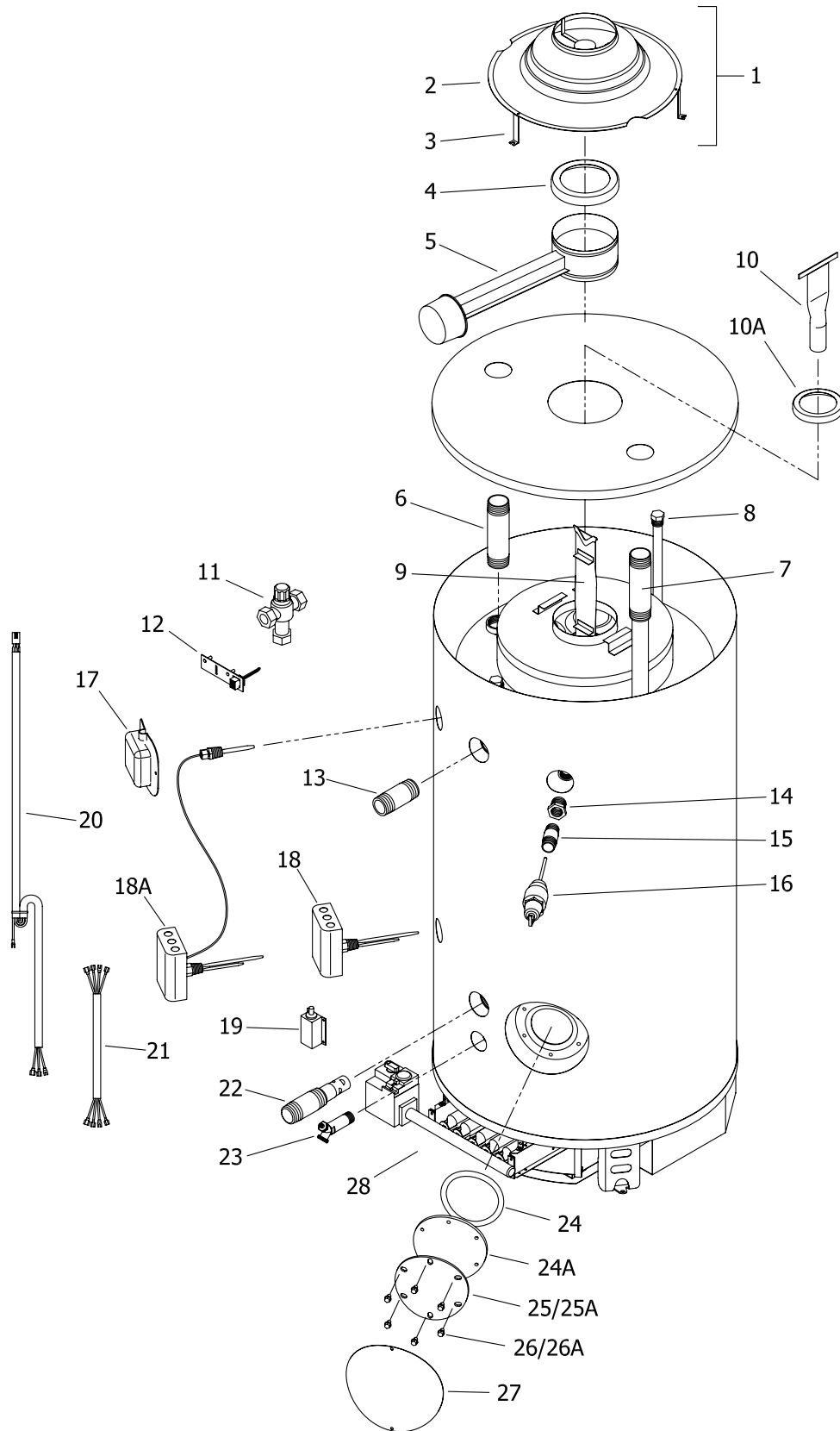
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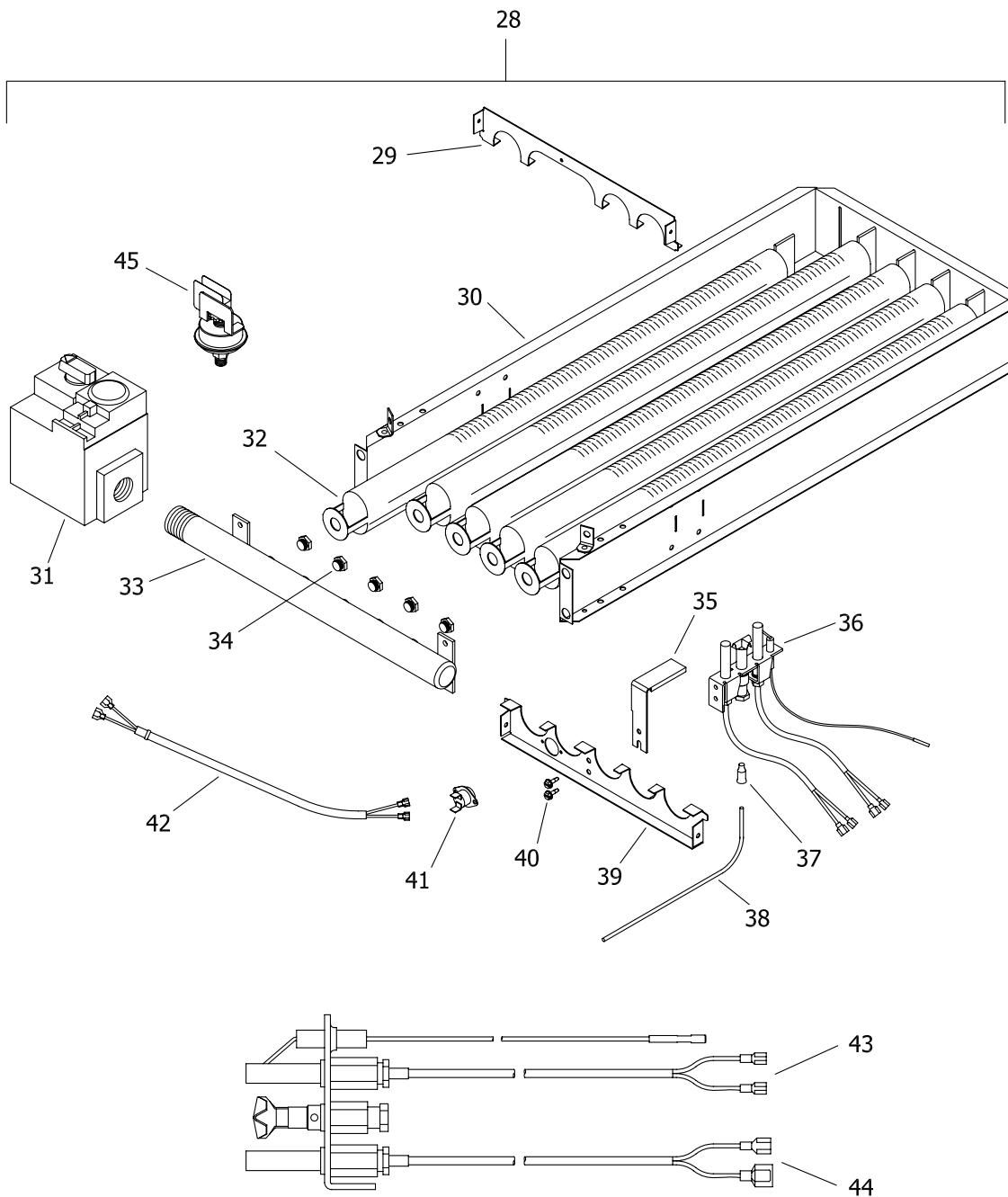
| Item | Description                           | Model                 |                        |                        | Model                  |                       |  | Model                  |                        |                       | Model                 |                       |  |
|------|---------------------------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|--|------------------------|------------------------|-----------------------|-----------------------|-----------------------|--|
|      |                                       | DM80T250(E)*(N,X)(A)  | DM100L199(E)*(N,X)     | DM100L250(E)*(N,X)(A)  | DM100L270(E)*N(A)      | DM100S199(E)*(N,X)    |  |                        |                        |                       |                       |                       |  |
| 1    | Draft Diverter Complete with Leg Kit  | 265-46544-00          | 243-81733-00-01        | 243-81733-00-01        | 243-81733-00-01        | 243-81733-00-01       |  | 265-46549-00           | 243-81733-00-01        | 243-81733-00-01       | 243-81733-00-01       | 265-46548-00          |  |
| 2    | Draft Diverter Only                   | 243-81986-00-01       | 243-43690-02           | 243-43690-01           | 243-43690-01           | 243-43690-01          |  | 243-81733-00-01        | 243-43690-01           | 243-43690-01          | 243-43690-01          | 243-81733-00-01       |  |
| 3    | Draft Diverter Leg Kit Only           | ---                   | ---                    | ---                    | ---                    | ---                   |  | 239-81811-00           | 239-81811-00           | 239-81811-00          | 239-81811-00          | 239-81811-00          |  |
| 4    | Flue Damper Reducer                   | 239-42806-00          | 243-42824-00           | 243-42824-00           | 243-42824-00           | 243-42824-00          |  | 243-42824-00           | 243-42824-00           | 243-42824-00          | 243-42824-00          | 243-42824-00          |  |
| 5    | Flue Damper Complete                  | 229-40913-01          | 229-40913-01           | 229-40913-01           | 229-40913-01           | 229-40913-01          |  | 229-40913-01           | 229-40913-01           | 229-40913-01          | 229-40913-01          | 229-40913-01          |  |
| 6    | Hot Water Outlet Nipple (Top)         | 229-43192-03          | 224-32758-29 (Qty. 2)  | 224-32758-15 (Qty. 4)  | 224-32758-15 (Qty. 4)  | 224-32758-15 (Qty. 4) |  | 229-43192-01           | 229-43192-01           | 229-43192-01          | 229-43192-01          | 229-43192-01          |  |
| 7    | Cold Water Inlet Diptube (Top)        | 224-32758-29 (Qty. 2) | 224-32758-15 (Qty. 4)  | 224-32758-15 (Qty. 4)  | 224-32758-15 (Qty. 4)  | 224-32758-15 (Qty. 4) |  | 224-32758-15 (Qty. 4)  | 224-32758-15 (Qty. 4)  | 224-32758-15 (Qty. 4) | 224-32758-15 (Qty. 4) | 224-32758-15 (Qty. 4) |  |
| 8    | Plug Type Anode Rod (Magnesium)       | 224-38508-03 (Qty. 2) | 224-38508-03 (Qty. 4)  | 224-38508-03 (Qty. 4)  | 224-38508-03 (Qty. 4)  | 224-38508-03 (Qty. 4) |  | 224-38508-03 (Qty. 4)  | 224-38508-03 (Qty. 4)  | 224-38508-03 (Qty. 4) | 224-38508-03 (Qty. 4) | 224-38508-03 (Qty. 4) |  |
| 9    | Plug Type Anode Rod (Aluminum)        | 243-82117-00 (Qty. 8) | 243-81735-00 (Qty. 12) | 243-39392-00 (Qty. 12) | 243-81796-00 (Qty. 12) | 243-81735-00 (Qty. 9) |  | 243-81796-00 (Qty. 12) | 243-81796-00 (Qty. 12) | 243-81735-00 (Qty. 9) | 243-81735-00 (Qty. 9) | 243-81735-00 (Qty. 9) |  |
| 10   | Flue Baffle                           | ---                   | ---                    | ---                    | ---                    | ---                   |  | ---                    | ---                    | ---                   | ---                   | ---                   |  |
| 10A  | Flue Core                             | ---                   | ---                    | ---                    | ---                    | ---                   |  | ---                    | ---                    | ---                   | ---                   | ---                   |  |
| 11   | Flue Reducer                          | ---                   | ---                    | ---                    | ---                    | ---                   |  | ---                    | ---                    | ---                   | ---                   | ---                   |  |
| 11   | ASSE Approved Mixing Valve (Optional) | 239-43740-02          | 239-43740-02           | 239-43740-02           | 239-43740-02           | 239-43740-02          |  | 239-43740-02           | 239-43740-02           | 239-43740-02          | 239-43740-02          | 239-43740-02          |  |
| 12   | Damper Service Plate with Kit         | 243-42888-00          | 243-42888-00           | 243-42888-00           | 243-42888-00           | 243-42888-00          |  | 243-42888-00           | 243-42888-00           | 243-42888-00          | 243-42888-00          | 243-42888-00          |  |
| 13   | Hot Water Outlet Nipple (Side)        | 229-40913-02          | 229-40913-02           | 229-40913-02           | 229-40913-02           | 229-40913-02          |  | 229-40913-02           | 229-40913-02           | 229-40913-02          | 229-40913-02          | 229-40913-02          |  |
| 14   | 1" NPT to 3/4" NPT Reducer Bushing    | ---                   | ---                    | ---                    | ---                    | ---                   |  | ---                    | ---                    | ---                   | ---                   | ---                   |  |
| 15   | 3/4" NPT Nipple                       | ---                   | ---                    | ---                    | ---                    | ---                   |  | ---                    | ---                    | ---                   | ---                   | ---                   |  |
| 16   | 1" NPT Nipple                         | 229-32762-19          | ---                    | ---                    | ---                    | ---                   |  | 239-80982-00           | 239-80982-00           | 239-80982-00          | 239-80982-00          | 239-80982-00          |  |
| 17   | T&P Valve                             | 230-33630-04          | 230-30246-00           | 230-33630-04           | 230-33630-04           | 230-30246-00          |  | 230-33630-04           | 230-33630-04           | 230-33630-04          | 230-30246-00          | 230-30246-00          |  |
| 18   | Utility Cover                         | 239-80281-03          | 239-80281-03           | 239-80281-03           | 239-80281-03           | 239-80281-03          |  | 239-80281-03           | 239-80281-03           | 239-80281-03          | 239-80281-03          | 239-80281-03          |  |
| 18   | Thermostat (Single Probe)             | ---                   | ---                    | ---                    | ---                    | ---                   |  | ---                    | ---                    | ---                   | ---                   | ---                   |  |
| 18A  | Thermostat (Dual Probe)               | 233-44741-00          | 233-44741-00           | 233-44741-00           | 233-44741-00           | 233-44741-00          |  | 233-44741-00           | 233-44741-00           | 233-44741-00          | 233-44741-00          | 233-44741-00          |  |
| 19   | Piezo Igniter                         | 239-41065-00          | 239-41065-00           | 239-41065-00           | 239-41065-00           | 239-41065-00          |  | 239-41065-00           | 239-41065-00           | 239-41065-00          | 239-41065-00          | 239-41065-00          |  |
| 20   | Harness-Flue Damper                   | 239-42799-03          | 239-42799-01           | 239-42799-01           | 239-42799-01           | 239-42799-01          |  | 239-42799-01           | 239-42799-01           | 239-42799-01          | 239-42799-01          | 239-42799-01          |  |
| 21   | Harness-Gas Valve & Thermostat        | 239-42800-02          | 239-42800-01           | 239-42800-01           | 239-42800-01           | 239-42800-01          |  | 239-42800-01           | 239-42800-01           | 239-42800-01          | 239-42800-01          | 239-42800-01          |  |
| 22   | Cold Water Inlet Diptube (Side)       | 229-44731-00          | 229-44731-00           | 229-44731-00           | 229-44731-00           | 229-44731-00          |  | 229-44731-00           | 229-44731-00           | 229-44731-00          | 229-44731-00          | 229-44731-00          |  |
| 23   | Brass Drain Valve                     | 265-42351-04          | 265-42351-02           | 265-42351-02           | 265-42351-02           | 265-42351-02          |  | 265-42351-02           | 265-42351-02           | 265-42351-02          | 265-42351-02          | 265-42351-02          |  |
| 24   | Cleanout O-Ring Gasket                | 205-18427-00          | 205-18427-00           | 205-18427-00           | 205-18427-00           | 205-18427-00          |  | 205-18427-00           | 205-18427-00           | 205-18427-00          | 205-18427-00          | 205-18427-00          |  |
| 24A  | Cleanout Gasket (ASME)                | 205-32942-00          | ---                    | ---                    | ---                    | ---                   |  | 205-32942-00           | 205-32942-00           | 205-32942-00          | 205-32942-00          | 205-32942-00          |  |
| 25   | Cleanout Cover                        | 205-18428-00          | 205-18428-00           | 205-18428-00           | 205-18428-00           | 205-18428-00          |  | 205-18428-00           | 205-18428-00           | 205-18428-00          | 205-18428-00          | 205-18428-00          |  |
| 25A  | Cleanout Cover (ASME)                 | 205-32941-00          | ---                    | ---                    | ---                    | ---                   |  | 205-32941-00           | 205-32941-00           | 205-32941-00          | 205-32941-00          | 205-32941-00          |  |
| 26   | Cleanout Cover Screw                  | 239-82166-00          | 239-82166-00           | 239-82166-00           | 239-82166-00           | 239-82166-00          |  | 239-82166-00           | 239-82166-00           | 239-82166-00          | 239-82166-00          | 239-82166-00          |  |
| 26A  | Cleanout Cover Screw (ASME)           | 239-32970-00          | ---                    | ---                    | ---                    | ---                   |  | 239-32970-00           | 239-32970-00           | 239-32970-00          | 239-32970-00          | 239-32970-00          |  |
| 27   | Cleanout Access Cover                 | 243-20299-00          | 243-20299-00           | 243-20299-00           | 243-20299-00           | 243-20299-00          |  | 243-20299-00           | 243-20299-00           | 243-20299-00          | 243-20299-00          | 243-20299-00          |  |

\* Applies to all warranties

\*\* Ordering a complete burner rack may increase delivery time. Please order the specific component required for the quickest delivery. Does not include item 45.

\*\*\* No LP version model available.

- ▲ Applies when "E" is present in model number (Example: D38T155**E**3N).
- ▲▲ For models with serial number beginning with AG and prior.
- ▲▲▲ For models with serial numbers beginning with AH or later.



#### THERMOPILE DETAIL

| Item | Description                                       | Model                   | Model                   | Model                   | Model                 | Model                 |
|------|---------------------------------------------------|-------------------------|-------------------------|-------------------------|-----------------------|-----------------------|
|      |                                                   | DM80T250(E)*(N,X)(A)    | DM100L199(E)*(N,X)      | DM100L250(E)*(N,X)(A)   | DM100L270(E)*N(A)     | DM100S199(E)*(N,X)    |
| 28   | Burner Rack Complete (Natural Gas) **             | 243-42815-01            | 243-42815-04            | 243-42815-01            | 243-42815-02          | 243-42814-03          |
|      | Burner Rack Complete (Natural Gas) (Lo NOX) **▲   | 243-42938-01            | 243-42938-03            | 243-42938-01            | 243-42938-02          | 243-42937-02          |
|      | Burner Rack Complete (LP Gas) **                  | 243-42815-03            | 243-42815-05            | 243-42815-03            | ***                   | 243-42814-04          |
| 29   | Draft Panel                                       | 239-39420-00            | 239-39420-00            | 239-39420-00            | 239-39420-00          | 239-39419-00          |
| 30   | Burner Rack Only                                  | 239-81969-02            | 239-81969-02            | 239-81969-02            | 239-81969-02          | 233-81969-01          |
| 31   | Gas Valve (Natural Gas)                           | 265-45510-01            | 265-45510-01            | 265-45510-01            | 265-45510-01          | 265-45510-01          |
|      | Gas Valve (LP Gas)                                | 265-45510-02            | 265-45510-02            | 265-45510-02            | ***                   | 265-45510-02          |
| 32   | Burner Tube (Standard)                            | 228-39177-00 (Qty. 7)   | 228-39177-00 (Qty. 7)   | 228-39177-00 (Qty. 7)   | 228-39177-00 (Qty. 7) | 228-39177-00 (Qty. 5) |
|      | Burner Tube (Lo-NOX) ▲                            | 228-42490-00 (Qty. 7)   | 228-42490-00 (Qty. 7)   | 228-42490-00 (Qty. 7)   | 228-42490-00 (Qty. 7) | 228-42490-00 (Qty. 5) |
|      | Burner Tube (Stainless Steel)                     | 228-81964-00 (Qty. 7)   | 228-81964-00 (Qty. 7)   | 228-81964-00 (Qty. 7)   | 228-81964-00 (Qty. 7) | 228-81964-00 (Qty. 5) |
| 33   | Burner Manifold                                   | 233-81725-00            | 233-81725-00            | 233-81725-00            | 233-81725-00          | 233-39170-00          |
| 34   | Main Burner Orifice (Natural Gas) (0ft to 2000ft) | 234-06016-37 (Qty. 7)   | 234-06016-42 (Qty. 7)   | 234-06016-37 (Qty. 7)   | 234-06016-36 (Qty. 7) | 234-06016-35 (Qty. 5) |
|      | High Altitude (Natural Gas) (2001ft to 5000ft)    | 234-06016-40 (Qty. 7)   | 234-06016-43 (Qty. 7)   | 234-06016-40 (Qty. 7)   | 234-06016-38 (Qty. 7) | 234-06016-37 (Qty. 5) |
|      | High Altitude (Natural Gas) (5001ft to 8000ft)    | 234-06016-42 (Qty. 7)   | 234-06016-45 (Qty. 7)   | 234-06016-42 (Qty. 7)   | 234-06016-73 (Qty. 7) | 234-06016-39 (Qty. 5) |
|      | High Altitude (Natural Gas) (8001ft & above)      | 234-06016-42 (Qty. 7)   | 234-06016-45 (Qty. 7)   | 234-06016-42 (Qty. 7)   | 234-06016-73 (Qty. 7) | 234-06016-40 (Qty. 5) |
|      | Main Burner Orifice (LP Gas) (0ft to 2000ft)      | 234-06016-50 (Qty. 7)   | 234-06016-1/16 (Qty. 7) | 234-06016-50 (Qty. 7)   | ***                   | 234-06016-49 (Qty. 5) |
|      | High Altitude (LP Gas) (2001ft to 5000ft)         | 234-06016-52 (Qty. 7)   | 234-06016-53 (Qty. 7)   | 234-06016-52 (Qty. 7)   | ***                   | 234-06016-50 (Qty. 5) |
|      | High Altitude (LP Gas) (5001ft to 8000ft)         | 234-06016-1/16 (Qty. 7) | 234-06016-54 (Qty. 7)   | 234-06016-1/16 (Qty. 7) | ***                   | 234-06016-51 (Qty. 5) |
|      | High Altitude (LP Gas) (8001ft & above)           | 234-06016-53 (Qty. 7)   | 234-06016-54 (Qty. 7)   | 234-06016-53 (Qty. 7)   | ***                   | 234-06016-52 (Qty. 5) |
| 35   | Pilot Shield                                      | 239-41333-00            | 239-41333-00            | 239-41333-00            | 239-41333-00          | 239-41333-00          |
| 36   | Pilot Assembly (Natural Gas)                      | 265-46289-01            | 265-46289-01            | 265-46289-01            | 265-46289-01          | 265-46289-01          |
|      | Pilot Assembly (LP Gas)                           | 265-46289-02            | 265-46289-02            | 265-46289-02            | ***                   | 265-46289-02          |
| 37   | Pilot Orifice (Natural Gas)                       | 234-46653-01            | 234-46653-01            | 234-46653-01            | 234-46653-01          | 234-46653-01          |
|      | Pilot Orifice (LP Gas)                            | 234-46653-02            | 234-46653-02            | 234-46653-02            | ***                   | 234-46653-02          |
| 38   | Aluminum Pilot Tube                               | 233-80361-10            | 233-80361-10            | 233-80361-10            | 233-80361-10          | 233-80361-10          |
| 39   | Burner Support                                    | 239-45181-00            | 239-45181-00            | 239-45181-00            | 239-45181-00          | 239-45180-00          |
| 40   | Pilot Mounting Screw                              | 239-11706-00 (Qty. 2)   | 239-11706-00 (Qty. 2)   | 239-11706-00 (Qty. 2)   | 239-11706-00 (Qty. 2) | 239-11706-00 (Qty. 2) |
| 41   | Auto-Reset Thermal Switch ▲▲▲                     | 239-45166-00            | 239-45166-00            | 239-45166-00            | 239-45166-00          | 239-45166-00          |
| 42   | Harness-Thermal Switch ▲▲▲                        | 239-45188-00            | 239-45188-00            | 239-45188-00            | 239-45188-00          | 239-45188-00          |
| 43   | Thermopile-Gas Valve                              | 233-46670-00            | 233-46670-00            | 233-46670-00            | 233-46670-00          | 233-46670-00          |
| 44   | Thermopile-Damper                                 | 233-46700-00            | 233-46700-00            | 233-46700-00            | 233-46700-00          | 233-46700-00          |
| 45   | Pressure Switch ▲▲▲                               | 239-42797-00            | 239-42797-00            | 239-42797-00            | 239-42797-00          | 239-42797-00          |
| -    | LP to Natural Gas Conversion Kit                  | 265-46032-06            | 265-46032-07            | 265-46032-06            | ---                   | 265-46032-05          |

\* Applies to all warranties

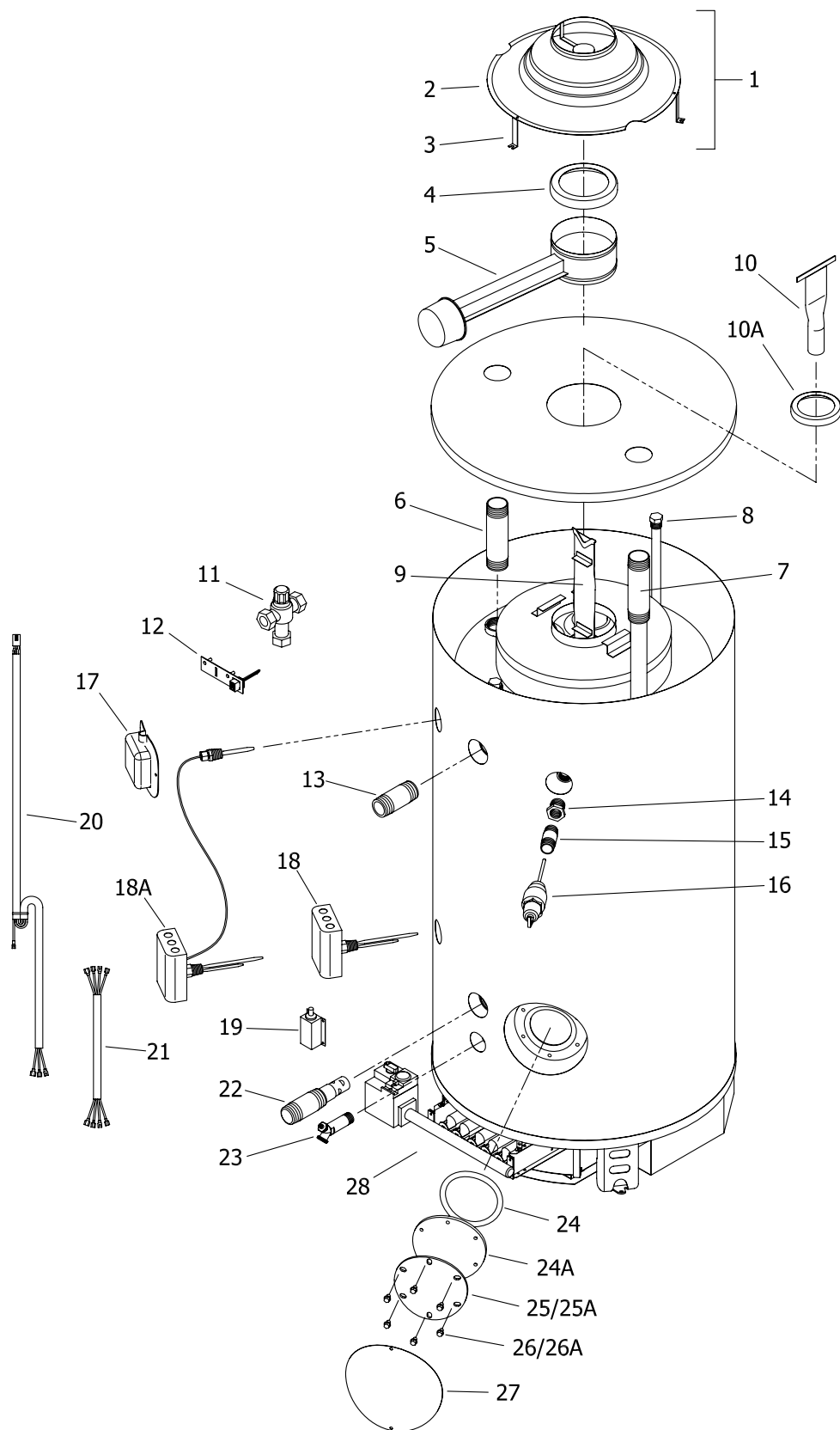
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\*\*\* No LP version model available.

▲ Applies when "E" is present in model number (Example: D38T155E3N).

▲▲ For models with serial number beginning with AG and prior.

▲▲▲ For models with serial numbers beginning with AH or later.



| Item | Description                           | Model                 |                       | Model                 |                       |
|------|---------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|      |                                       | DM100S250(E)*(N,X)(A) | DM100T199(E)*(N,X)    | DM100T250(E)*(N,X)(A) | Model                 |
| 1    | Draft Diverter Complete with Leg Kit  | 265-46548-00          | 265-46544-00          | 265-46544-00          | 265-46544-00          |
| 2    | Draft Diverter Only                   | 243-81733-00-01       | 243-81986-00-01       | 243-81986-00-01       | 243-81986-00-01       |
| 3    | Draft Diverter Leg Kit Only           | 243-43690-09          | 243-43690-02          | 243-43690-02          | 243-43690-02          |
| 4    | Flue Damper Reducer                   | 239-81811-00          | ---                   | ---                   | ---                   |
| 5    | Flue Damper Complete                  | 243-42824-00          | 239-42806-00          | 239-42806-00          | 239-42806-00          |
| 6    | Hot Water Outlet Nipple (Top)         | 229-40913-01          | 229-40913-01          | 229-40913-01          | 229-40913-01          |
| 7    | Cold Water Inlet Diptube (Top)        | 229-43192-01          | 229-43192-02          | 229-43192-02          | 229-43192-02          |
| 8    | Plug Type Anode Rod (Magnesium)       | 224-32758-15 (Qty. 4) | 224-32758-30 (Qty. 2) | 224-32758-30 (Qty. 2) | 224-32758-30 (Qty. 2) |
|      | Plug Type Anode Rod (Aluminum)        | 224-38508-03 (Qty. 4) | 224-38508-07 (Qty. 2) | 224-38508-07 (Qty. 2) | 224-38508-07 (Qty. 2) |
| 9    | Flue Baffle                           | 243-81566-00 (Qty. 9) | 243-39392-00 (Qty. 8) | 243-39341-00 (Qty. 8) | 243-39341-00 (Qty. 8) |
| 10   | Flue Core                             | ---                   | ---                   | ---                   | ---                   |
| 10A  | Flue Reducer                          | ---                   | ---                   | ---                   | ---                   |
| 11   | ASSE Approved Mixing Valve (Optional) | 239-43740-02          | 239-43740-02          | 239-43740-02          | 239-43740-02          |
| 12   | Damper Service Plate with Kit         | 243-42888-00          | 243-42888-00          | 243-42888-00          | 243-42888-00          |
| 13   | Hot Water Outlet Nipple (Side)        | 229-40913-02          | 229-40913-02          | 229-40913-02          | 229-40913-02          |
| 14   | 1" NPT to 3/4" NPT Reducer Bushing    | ---                   | 239-02052-00          | ---                   | ---                   |
| 15   | 3/4" NPT Nipple                       | ---                   | 229-32762-04          | ---                   | ---                   |
|      | 1" NPT Nipple                         | 239-80982-00          | ---                   | 229-32762-19          | 229-32762-19          |
| 16   | T&P Valve                             | 230-33630-04          | 230-30246-00          | 230-33630-04          | 230-33630-04          |
| 17   | Utility Cover                         | 239-80281-03          | 239-80281-03          | 239-80281-03          | 239-80281-03          |
| 18   | Thermostat (Single Probe)             | ---                   | ---                   | ---                   | ---                   |
| 18A  | Thermostat (Dual Probe)               | 233-44741-00          | 233-44741-00          | 233-44741-00          | 233-44741-00          |
| 19   | Piezo Igniter                         | 239-41065-00          | 239-41065-00          | 239-41065-00          | 239-41065-00          |
| 20   | Harness-Flue Damper                   | 239-42799-01          | 239-42799-03          | 239-42799-03          | 239-42799-03          |
| 21   | Harness-Gas Valve & Thermostat        | 239-42800-01          | 239-42800-02          | 239-42800-02          | 239-42800-02          |
| 22   | Cold Water Inlet Diptube (Side)       | 229-44731-00          | 229-44731-00          | 229-44731-00          | 229-44731-00          |
| 23   | Brass Drain Valve                     | 265-42351-02          | 265-42351-04          | 265-42351-04          | 265-42351-04          |
| 24   | Cleanout O-Ring Gasket                | 205-18427-00          | 205-18427-00          | 205-18427-00          | 205-18427-00          |
| 24A  | Cleanout Gasket (ASME)                | 205-32942-00          | ---                   | 205-32942-00          | 205-32942-00          |
| 25   | Cleanout Cover                        | 205-18428-00          | 205-18428-00          | 205-18428-00          | 205-18428-00          |
| 25A  | Cleanout Cover (ASME)                 | 205-32941-00          | ---                   | 205-32941-00          | 205-32941-00          |
| 26   | Cleanout Cover Screw                  | 239-82166-00          | 239-82166-00          | 239-82166-00          | 239-82166-00          |
| 26A  | Cleanout Cover Screw (ASME)           | 239-32970-00          | ---                   | 239-32970-00          | 239-32970-00          |
| 27   | Cleanout Access Cover                 | 243-20299-00          | 243-20299-00          | 243-20299-00          | 243-20299-00          |

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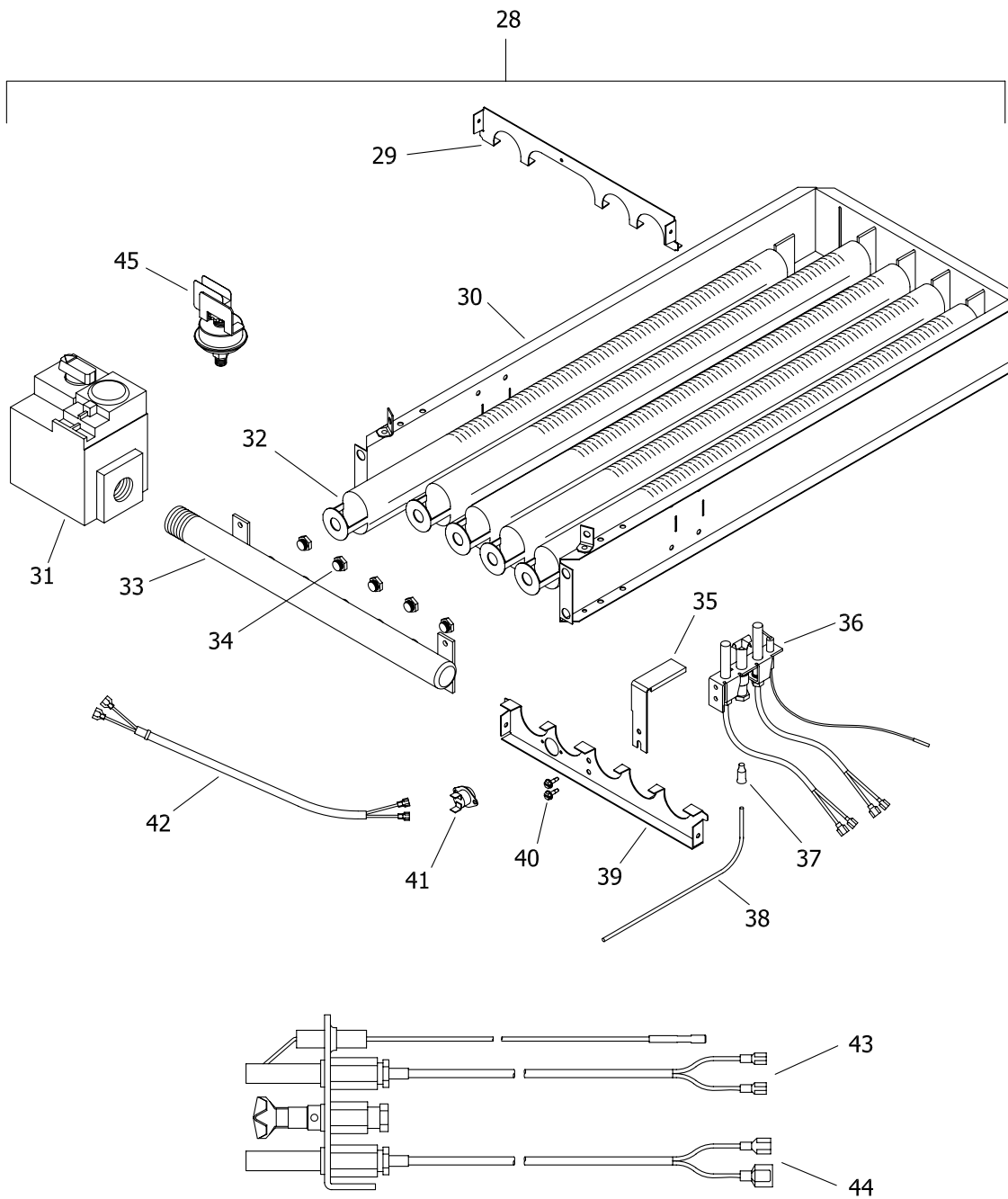
Does not include item 45.

\*\*\* No LP version model available.

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▲▲ For models with serial number beginning with AG and prior.

▲▲▲ For models with serial numbers beginning with AH or later.



THERMOPILE DETAIL

| Item | Description                                       | Model<br>DM100S250(E)*(N,X)(A) | Model<br>DM100T199(E)*(N,X) | Model<br>DM100T250(E)*(N,X)(A) |
|------|---------------------------------------------------|--------------------------------|-----------------------------|--------------------------------|
| 28   | Burner Rack Complete (Natural Gas) **             | 243-42814-07                   | 243-42814-03                | 243-42814-07                   |
|      | Burner Rack Complete (Natural Gas) (Lo NOX) **▲   | 243-42937-04                   | 243-42937-02                | 243-42937-04                   |
|      | Burner Rack Complete (LP Gas) **                  | 243-42814-08                   | 243-42814-04                | 243-42814-08                   |
| 29   | Draft Panel                                       | 239-39419-00                   | 239-39419-00                | 239-39419-00                   |
| 30   | Burner Rack Only                                  | 233-81969-01                   | 233-81969-01                | 233-81969-01                   |
| 31   | Gas Valve (Natural Gas)                           | 265-45510-01                   | 265-45510-01                | 265-45510-01                   |
|      | Gas Valve (LP Gas)                                | 265-45510-02                   | 265-45510-02                | 265-45510-02                   |
| 32   | Burner Tube (Standard)                            | 228-39177-00 (Qty. 5)          | 228-39177-00 (Qty. 5)       | 228-39177-00 (Qty. 5)          |
|      | Burner Tube (Lo-NOX) ▲                            | 228-42490-00 (Qty. 5)          | 228-42490-00 (Qty. 5)       | 228-42490-00 (Qty. 5)          |
|      | Burner Tube (Stainless Steel)                     | 228-81964-00 (Qty. 5)          | 228-81964-00 (Qty. 5)       | 228-81964-00 (Qty. 5)          |
| 33   | Burner Manifold                                   | 233-39170-00                   | 233-39170-00                | 233-39170-00                   |
| 34   | Main Burner Orifice (Natural Gas) (0ft to 2000ft) | 234-06016-31 (Qty. 5)          | 234-06016-35 (Qty. 5)       | 234-06016-31 (Qty. 5)          |
|      | High Altitude (Natural Gas) (2001ft to 5000ft)    | 234-06016-32 (Qty. 5)          | 234-06016-37 (Qty. 5)       | 234-06016-32 (Qty. 5)          |
|      | High Altitude (Natural Gas) (5001ft to 8000ft)    | 234-06016-34 (Qty. 5)          | 234-06016-39 (Qty. 5)       | 234-06016-34 (Qty. 5)          |
|      | High Altitude (Natural Gas) (8001ft & above)      | 234-06016-35 (Qty. 5)          | 234-06016-40 (Qty. 5)       | 234-06016-35 (Qty. 5)          |
|      | Main Burner Orifice (LP Gas) (0ft to 2000ft)      | 234-06016-46 (Qty. 5)          | 234-06016-49 (Qty. 5)       | 234-06016-46 (Qty. 5)          |
|      | High Altitude (LP Gas) (2001ft to 5000ft)         | 234-06016-48 (Qty. 5)          | 234-06016-50 (Qty. 5)       | 234-06016-48 (Qty. 5)          |
|      | High Altitude (LP Gas) (5001ft to 8000ft)         | 234-06016-49 (Qty. 5)          | 234-06016-51 (Qty. 5)       | 234-06016-49 (Qty. 5)          |
|      | High Altitude (LP Gas) (8001ft & above)           | 234-06016-50 (Qty. 5)          | 234-06016-52 (Qty. 5)       | 234-06016-50 (Qty. 5)          |
| 35   | Pilot Shield                                      | 239-41333-00                   | 239-41333-00                | 239-41333-00                   |
| 36   | Pilot Assembly (Natural Gas)                      | 265-46289-01                   | 265-46289-01                | 265-46289-01                   |
|      | Pilot Assembly (LP Gas)                           | 265-46289-02                   | 265-46289-02                | 265-46289-02                   |
| 37   | Pilot Orifice (Natural Gas)                       | 234-46653-01                   | 234-46653-01                | 234-46653-01                   |
|      | Pilot Orifice (LP Gas)                            | 234-46653-02                   | 234-46653-02                | 234-46653-02                   |
| 38   | Aluminum Pilot Tube                               | 233-80361-10                   | 233-80361-10                | 233-80361-10                   |
| 39   | Burner Support                                    | 239-45180-00                   | 239-45180-00                | 239-45180-00                   |
| 40   | Pilot Mounting Screw                              | 239-11706-00 (Qty. 2)          | 239-11706-00 (Qty. 2)       | 239-11706-00 (Qty. 2)          |
| 41   | Auto-Reset Thermal Switch ▲▲▲                     | 239-45166-00                   | 239-45166-00                | 239-45166-00                   |
| 42   | Harness-Thermal Switch ▲▲▲                        | 239-45188-00                   | 239-45188-00                | 239-45188-00                   |
| 43   | Thermopile-Gas Valve                              | 233-46670-00                   | 233-46670-00                | 233-46670-00                   |
| 44   | Thermopile-Damper                                 | 233-46700-00                   | 233-46700-00                | 233-46700-00                   |
| 45   | Pressure Switch ▲▲                                | 239-42797-00                   | 239-42797-00                | 239-42797-00                   |
| -    | LP to Natural Gas Conversion Kit                  | 265-46032-08                   | 265-46032-05                | 265-46032-08                   |

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▲▲ For models with serial number beginning with AG and prior.

▲▲▲ For models with serial numbers beginning with AH or later.

NOTES

Handwriting practice lines consisting of 20 horizontal dashed lines.

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Ambler, PA

For U.S. and Canada field service,  
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