Condensing Boilers

**DMG 240 Wall Hung**

**DMG 380 Floor Standing**

Residential & Light Commercial

**DMG 240 Residential/Light Commercial**
- 240 MBH
- 95% AFUE - ENERGY STAR®
- 6.7:1 Turndown Ratio
- Wall Mounted
- Optional Floor Base Available

**DMG 380 Commercial Offering**
- 380 MBH
- 95% Thermal Efficiency
- 10.5:1 Turndown Ratio
- Floor Standing

Advanced Electronics

- Anti-wind Function
  Control automatically adjusts the fan speed to prevent loss of flame and lockouts
- Flame Stabilization
  Control allows the flame to stabilize before modulating, preventing flame drop outs and recycling

Includes LABOR SAVER™
Primary/Secondary Manifold

Take advantage of rebates with 95% Efficiency

*Unit must be registered within 60 days from the date of original installation. All terms of Trinity Extended Service Agreement apply.*
A CLOSER LOOK DMG 240

The DMG 240 is perfect for Residential or Light Commercial applications. The 95% AFUE allows you to qualify for state, federal, or local utility company rebates.

6.7:1 Modulation Turndown Ratio saves energy by reducing the amount of gas used. By automatically modulating the gas input to match the heating level needed, the boiler operates at optimum efficiency resulting in savings for you!

Optional Floor Base Kit is available when the installation does not allow for a wall mounted solution. Boiler connections are easily accessible through the removable panels of the Optional Base.

1. Coaxial Flue Connector
2. Pressure Switch
3. Combustion Sight Glass
4. Flame Sensor/Ignitor
5. Heat Exchanger
6. Auxiliary Control Panel
7. Built-in Boiler Pump
8. Digital Display w/Back-light

MULTIPLE BOILER PACKAGES AVAILABLE

Pair the DMG 240/380 with one of our staging controls and 2-4 boilers for special package pricing!

Installing multiple boilers provide many benefits:

- Improved Efficiency
- Built-in Redundancy
- Installation Flexibility
- Improved Serviceability
- Improved Boiler System Longevity

AMB4BDK
MBC Staging Control with Matching Branding
A CLOSER LOOK DMG 380

The **DMG 380** is ideal for **Commercial** applications. The **95% Thermal Efficiency** allows you to qualify for state, federal, or local utility company rebates.

An impressive **10.5:1 Modulation Turndown Ratio** can meet varying load demands, saving energy and reducing fuel costs!

**Optional Plug-and-Play CSD-1 Kits** are available where local code requires. Includes Manual Reset Low Water Cut Off (LWCO) and High Limit.

**Compact Floor Standing Design** features built-in leveling legs and a removable one-piece front jacket and lower side panels for easy access.

**LABOR SAVER™ Manifold included.** The pre-manufactured primary/secondary piping saves time and money on the job site.

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**OPTIONAL INDIRECT TANK CONNECTION**

Dunkirk **Stainless Steel Indirect Water Heaters** are available in 30 to 115 gallon capacities, featuring 316L stainless steel construction and accessible connections for an easy installation. Commercial sizes available in High Output 80 & 155 Gallon (HOC) and Extra High Output 85 & 155 Gallon (XHOC) models.
**PRODUCT SPECIFICATIONS**

### RATINGS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MAX</th>
<th>MIN</th>
<th>Heating Capacity MBH</th>
<th>Net Water MBH</th>
<th>Efficiency</th>
<th>Coaxial Diameter</th>
<th>2-Pipe Diameter</th>
<th>Water Content (Gallons)</th>
<th>Width</th>
<th>Height</th>
<th>Depth</th>
<th>Ship Weight Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMG 240</td>
<td>241</td>
<td>36</td>
<td>216</td>
<td>188</td>
<td>95% AFUE</td>
<td>3” / 5”</td>
<td>3”</td>
<td>.8</td>
<td>17-3/4”</td>
<td>31-1/16”</td>
<td>23”</td>
<td>145</td>
</tr>
<tr>
<td>DMG 380</td>
<td>379</td>
<td>35</td>
<td>348</td>
<td>303</td>
<td>95% Thermal</td>
<td>4” / 6”</td>
<td>4”</td>
<td>4.6</td>
<td>23-5/8”</td>
<td>50”</td>
<td>25-1/2”</td>
<td>255</td>
</tr>
</tbody>
</table>

(1) 1000 Btu/hr (British Thermal Units Per Hour)
(2) Heating Capacity and AFUE (Annual Fuel Utilization Efficiency) are based on DOE (Department of Energy) test procedures
(3) Net Water Rating shown based on piping and pickup allowance of 1.15. Consult manufacturer before selecting boilers for installation having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.
(4) Refer to IOM and vent pipe manufacturer’s instructions for equivalent lengths and approved venting materials.
Adapters and fittings used with all vent systems shall be from the same manufacturer and compatible with vent pipe.

### CONNECTIONS / TAPPINGS

- A: Condensate Drain - 3/4” NPT
- B: Gas Inlet & Shutoff - 3/4” NPT
- C: Boiler Supply - 1”
- D: Boiler Return - 1-1/2”
- E: System Supply & Return with Manifold - 1-1/2”

**ELECTRICAL**

120 V ac, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)

**STANDARD EQUIPMENT**

- Boiler Control Module: High Limit/Electronic Ignition Control
- Heat Exchanger: 316L Stainless Steel
- Combustion: Stainless Steel Burner, Direct Spark Ignition, Combination Flame Sensor and Ignitor
- Other: Assembled Boiler with Jacket, Built-In Boiler Loop Pump, 50 psi Relief Valve, Low Water Pressure Sensor, Temperature/Pressure Gauge

**OPTIONS**

- Outdoor Temperature Sensor, Indirect Tank Sensor, Floor Base Kit(DMG240), CSD-1 Kits available for both models (includes Manual Reset Low Water Cut Off as well as High Limit)

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**AHRI CERTIFIED**

**Tests**

- Tested for 50 psi. ASME on 240 Model
- Tested for 80 psi. ASME on 380 Model
- Maximum Allowable Working Pressure

**ECR International, Inc.**

2201 Dwyer Avenue, Utica, NY 13501
Tel. 800 253 7900
www.ecrinternational.com

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