NEW
HIGH EFFICIENCY
Gas-Fired, Condensing Combi Boiler

• 95% AFUE
• 135 & 180 MBH
• 10:1 Turndown
• Reliable
  – Proven stainless steel heat exchanger
  – Flat plate DHW heat exchanger provides superior performance
• Integrated boiler control
  – Easy to operate
  – Touchscreen display
  – Provides simple “out of the box” setup capability
• 100% system-tested at factory
• Universal vent connection
  – Provides easy vent connection for virtually any installation (CPVC/PVC, PP, SS)
• Outdoor reset including outside sensor
  – Provides additional energy savings
• Natural or LP gas
  – Field-convertible with optional kit
• 5-year parts warranty

MADE IN U.S.A.
Ratings & Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>AFUE %</th>
<th>Heating Input (MBH) min-max</th>
<th>DOE Heating Capacity (MBH)</th>
<th>Net AHRI (MBH)</th>
<th>at 70° TR (GPM)</th>
<th>at 77° TR (GPM)</th>
<th>Input (MBH) min-max</th>
<th>Vent Size (In.)</th>
<th>Net Wt. (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHE135CB</td>
<td>95.0</td>
<td>12-120</td>
<td>112</td>
<td>97</td>
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<td>12-135</td>
<td>3</td>
<td>109</td>
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<tr>
<td>GHE180CB</td>
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<td>18-180</td>
<td>169</td>
<td>147</td>
<td>4.5</td>
<td>4.1</td>
<td>18-180</td>
<td>3</td>
<td>126</td>
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</tbody>
</table>

Safety Relief Valve Pressure, Water – 30 PSI std. ASME certified “H”. Maximum Allowable Working Pressure at 30 PSI. Max allowable temperature setting 210°F. Target setpoint is 180°F, manual reset high limit setpoint is 210°F. Boilers shipped set for natural gas. Above performance is for elevations to 2000’. Consult Installation, Operating, and Service Instructions for installations up to 10,100’ and for additional important notes and details.

Typical Venting Configurations
Illustrations are for representation only. NOTE: Stainless steel flex listed. For complete venting information, please see Installation manual.

Standard Equipment
- Direct vent, 10:1 turndown, sealed combustion appliance
- Stainless steel heat exchanger
- Pre-installed circulator and DHW 3-way valve
- DHW flat plate heat exchanger inside jacket
- Boiler control system
  - LCD touch screen display
  - Self-guided control menus
  - Built-in self diagnostics
  - Additional circulator output available
  - Outdoor reset including outside sensor
  - DHW priority
  - Warm weather shutdown
- Variable speed combustion blower
- Gas valve
- Polypropylene condensate trap
- Flow switch, pre-installed
- Supply, return, & auto reset high limit water sensors
- Universal exhaust vent connection (CPVC/PVC, PP, SS)
- Flue gas temp. sensor & differential pressure switch
- Pre-installed hanging bracket and wall mount kit

Optional Equipment:
- Natural gas, LP conversion kit for elevations to 2000’ sold separately: (135CB P/N: 107874-01, 180B P/N: 107875-01)
- Service parts kit (P/N: 106260-03)
- Kit, CPVC starter and PVC vent terminations (3” P/N: 107039-02)

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