EGH - Commercial Gas Boiler
Weil-McLain

Series 5
Gas
Steam
With Tankless Heater Option
MBH: 315-495
Combustion Eff.: 82%+

Net Load Range
Steam
760 to 1,193 Sq. FT.

UNMATCHED COMFORT AND RELIABILITY

EASY TO INSTALL AND SERVICE

MADE WITH WEIL-McLAIN QUALITY

APPLICATIONS INCLUDE:
Large Residential Homes
Apartment Buildings
Small Commercial Buildings
Indirect-fired Water Heating
... And Much More
### Ratings

<table>
<thead>
<tr>
<th>Model*</th>
<th>C.S.A. Input (MBH+)</th>
<th>Combustion Efficiency</th>
<th>C.S.A. Gross Output (MBH+)</th>
<th>Steam (MBH+)</th>
<th>Steam (Sq. Ft.)</th>
<th>AHRI Chimney Size***</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGH-85</td>
<td>315</td>
<td>82.34%</td>
<td>243</td>
<td>182</td>
<td>760</td>
<td>9&quot; I.D. x 20'</td>
</tr>
<tr>
<td>EGH-95</td>
<td>360</td>
<td>82.39%</td>
<td>278</td>
<td>208</td>
<td>868</td>
<td>10&quot; I.D. x 20'</td>
</tr>
<tr>
<td>EGH-105</td>
<td>405</td>
<td>82.43%</td>
<td>312</td>
<td>234</td>
<td>977</td>
<td>10&quot; I.D. x 20'</td>
</tr>
<tr>
<td>EGH-115</td>
<td>450</td>
<td>82.48%</td>
<td>347</td>
<td>260</td>
<td>1085</td>
<td>12&quot; I.D. x 20'</td>
</tr>
<tr>
<td>EGH-125</td>
<td>495</td>
<td>82.52%</td>
<td>382</td>
<td>286</td>
<td>1193</td>
<td>12&quot; I.D. x 20'</td>
</tr>
</tbody>
</table>

**Notes:**
- Add to boiler number “C” for Steam. Add “P” to designator for intermittent electronic ignition system (standard for EGH-105 through 125). Add “W”/“damper” to designator for intermittent electronic ignition system with automatic vent damper. Add “T” to designator for boiler with tankless heater openings. (See additional equipment.)
- MBH refers to thousands of BTU per hour.
- Net AHRI ratings are based on net installed radiation of sufficient quantity for the requirements of the building and nothing need be added for normal piping and pick-up. Steam ratings are based on a piping and pick-up allowance of 1.33. An additional allowance should be made for unusual piping and pick-up loads. Ratings shown are for elevations up to 2,000 feet. For elevations above 2,000 feet, ratings should be reduced at the rate of 4 percent for each 1,000 feet above sea level.
- ***Chimney size based on lined chimney.
- **NOTE: Boiler is CSA design certified for installation on non-combustible flooring only.

### Dimensions

<table>
<thead>
<tr>
<th>Model number</th>
<th>Supply EGH O</th>
<th>Return EGH R</th>
<th>Dimensions (See note 3 for PEG-30 to PEG-55 crate dimensions)</th>
<th>Gas Connection F</th>
<th>Draft hood outlet size</th>
<th>Approx. ship. wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGH-85</td>
<td>2 - 3&quot;</td>
<td>2 - 2 3/4&quot;</td>
<td>W: 38 1/4&quot; A: 9&quot; B: 15 3/4&quot; B1: 8 1/4&quot; V: (note 2) T: (note 1)</td>
<td>1/2&quot;</td>
<td>9&quot;</td>
<td>825</td>
</tr>
<tr>
<td>EGH-95</td>
<td>2 - 3&quot;</td>
<td>2 - 2 3/4&quot;</td>
<td>42 1/4&quot; A: 10&quot; B: 15 3/4&quot; B1: 8 1/4&quot; V: (note 2) T: (note 1)</td>
<td>1/2&quot;</td>
<td>10&quot;</td>
<td>915</td>
</tr>
<tr>
<td>EGH-105</td>
<td>2 - 3&quot;</td>
<td>2 - 2 3/4&quot;</td>
<td>46 1/4&quot; A: 10&quot; B: 15 3/4&quot; B1: 8 1/4&quot; V: (note 2) T: (note 1)</td>
<td>1&quot;</td>
<td>10&quot;</td>
<td>1005</td>
</tr>
<tr>
<td>EGH-115</td>
<td>2 - 3&quot;</td>
<td>2 - 2 3/4&quot;</td>
<td>51&quot; A: 12&quot; B: 15 3/4&quot; B1: 8 1/4&quot; V: (note 2) T: (note 1)</td>
<td>1&quot;</td>
<td>12&quot;</td>
<td>1095</td>
</tr>
<tr>
<td>EGH-125</td>
<td>2 - 3&quot;</td>
<td>2 - 2 3/4&quot;</td>
<td>55 1/4&quot; A: 12&quot; B: 15 3/4&quot; B1: 8 1/4&quot; V: (note 2) T: (note 1)</td>
<td>1&quot;</td>
<td>12&quot;</td>
<td>1195</td>
</tr>
</tbody>
</table>

**Notes:**
1. Sizes shown are gas connection sizes, natural or liquid petroleum (propane) gas. Gas piping from meter to boiler to be sized according to local utility requirements. Gas line can enter on either the right or left end of the boiler.
2. All EGH boilers the damper is additional equipment.

### Standard and Optional Equipment

**Standard Equipment:**
- Factory-Assembled Section Block
- Insulated Extended Jacket
- Horizontal to Vertical Draft Hood
- Stainless Steel Burners
- Burner Shield
- Combination Gas Valve for 24 Volt Non-Lifting Pilot Burner
- Electrical Junction Box
- 40 VA Transformer (with receptacle for plug-in relay)
- Highest Efficiency Model-PJ W/Damper
- Intermittent Electronic Ignition
- System and Automatic Vent Damper

**High-Efficiency Model-PJ Intermittent Electronic Ignition**
- Standard Efficiency Model (EGH-85 and 95 only) Constant Burnout, Thermally Supervised Pilot System and Thermocouple
- Steam Boilers Only:
  - 15 PSI ASME Relief Valve
  - Steam Pressure Gauge
  - High-Limit Pressure Control
  - Syphon
  - Gauge Cocks and Glass
  - Low-Water Cutoff-Electrode Type

**Optional Equipment:**
- Automatic Vent Damper (for natural gas boilers with electronic ignition)
- Low-Water Cutoffs
- Electronic Controls-See Price Sheet
- EGH Boiler with Openings for Tankless Heaters
- Tankless Heaters (water and steam)

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In the interest of continual improvements in product and performance, Weil-McLain reserves the right to change specifications without notice.

C-648R1 (1112)