HIGH EFFICIENCY

EASY TO INSTALL AND SERVICE

MADE WITH WEIL-McLAIN QUALITY

APPLICATIONS INCLUDE:
Residential
Light Commercial
Multiple Boilers
Indirect-fired Water Heating
Radiant Heating
... And Much More

* Only CGs-3 & CGs-4E models

CGs - Gold Series Gas Boiler
Weil-McLain

Water,
Sealed Combustion
NAT’L or LP
MBH: 67-167
Efficiency Range 83%-85%

www.weil-mcclain.com
### Ratings

<table>
<thead>
<tr>
<th>Model (1)</th>
<th>Input MBH (2)</th>
<th>DOE Heating Capacity MBH (2)</th>
<th>Net I=B=R Water Ratings MBH (3)</th>
<th>DOE Seasonal Efficiency Percent (AFUE)</th>
<th>Approx Shipping Weight (Lbs)</th>
<th>Minimum Vent Diameter (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS-3</td>
<td>67</td>
<td>57</td>
<td>50</td>
<td>85.3</td>
<td>200</td>
<td>3</td>
</tr>
<tr>
<td>CGS-4E(5)</td>
<td>90</td>
<td>77</td>
<td>67</td>
<td>85.0</td>
<td>240</td>
<td>3</td>
</tr>
<tr>
<td>CGS-4</td>
<td>100</td>
<td>85</td>
<td>74</td>
<td>84.6</td>
<td>240</td>
<td>3</td>
</tr>
<tr>
<td>CGS-5</td>
<td>133</td>
<td>112</td>
<td>97</td>
<td>84.0</td>
<td>280</td>
<td>3</td>
</tr>
<tr>
<td>CGS-6</td>
<td>167</td>
<td>140</td>
<td>122</td>
<td>83.4</td>
<td>325</td>
<td>3</td>
</tr>
</tbody>
</table>

**Notes:**
1. Add “PNG” for natural gas, “PIL” for propane.
2. Based on standard test procedures prescribed by the United States Department of Energy.
3. Net I=B=R ratings are based on net installed radition of sufficient quantity for the requirements of the building and nothing needs to be added for normal piping and pick-up. Ratings are based on a piping and pick-up allowance of 10. An additional allowance should be made for unusual piping and pick-up loads.
4. CGS boilers must be vented directly to the outside.
5. CGS-4E is for a direct vent application only. CGS-4E cannot use indoor air for combustion.
6. As an Energy Star Partner, Weil-McLain has determined that the CGS-3 and CGS-4E meet the Energy Star guidelines for energy efficiency. CGS boilers are C.S.A. design certified for installation on combustible flooring. Tested for 50 psi working pressure.

### Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions Inches A</th>
<th>Dimensions Inches W</th>
<th>Supply Piping In. (1)</th>
<th>Return Piping In. (1)</th>
<th>Nat or LP Gas Connection Size Inches</th>
<th>Crate Dimensions (Outside Measurements - In.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS-3</td>
<td>6-1/2</td>
<td>13</td>
<td>1</td>
<td>1</td>
<td>1/2</td>
<td>30 27-1/2 31-1/2</td>
</tr>
<tr>
<td>CGS-4</td>
<td>8</td>
<td>16</td>
<td>1</td>
<td>1</td>
<td>1/2</td>
<td>30 27-1/2 31-1/2</td>
</tr>
<tr>
<td>CGS-4E(5)</td>
<td>8</td>
<td>16</td>
<td>1</td>
<td>1</td>
<td>1/2</td>
<td>30 27-1/2 31-1/2</td>
</tr>
<tr>
<td>CGS-5</td>
<td>9-1/2</td>
<td>19</td>
<td>1</td>
<td>1</td>
<td>1/2</td>
<td>33 27-1/2 31-1/2</td>
</tr>
<tr>
<td>CGS-6</td>
<td>11</td>
<td>22</td>
<td>1-1/4</td>
<td>1-1/4</td>
<td>1/2</td>
<td>36 27-1/2 31-1/2</td>
</tr>
</tbody>
</table>

**Notes:**
1. Circulator flange supplied with boiler is same size as recommended pipe size. For supply and return boiler tapping size, see installation manual.
2. CGS-4E is for direct vent applications only. It cannot be used for direct exhaust vent applications.

### Standard and Additional Equipment

**Standard Equipment:**
- Factory Tested
- Two-Piece Top Jacket Panel
- Insulated Extended Steel Jacket
- Cast Iron Sections with Built-in Air Separator
- Radiation Plates
- Steel Base
- Integrated Boiler Control Module with Intermittent Electronic Ignition System & Indicator/Diagnostic Lights
- Inducer Assembly
- Flue Gas Collector/Transition Assembly
- Combination Gas Valve for 24 Volt Wiring Harness
- Air Pressure Switch
- Non-Linting Pilot Burner
- High-Grade Stainless Steel Burners
- Sidewall Vent Termination Kit (includes inside and outside plates, vent cap and hardware)
- 40VA Transformer
- Electrical Junction Box
- Rollout Thermal Fuse Element
- High-Limit Temperature Control
- Circulator (when ordered)
- 30 PSI ASME Relief Valve (boiler sections tested for 50 PSI working pressure)
- Combination Pressure-Temperature Gauge
- Drain Valve

**Additional Equipment:**
- CGS AL29-4C® Starter (same as CGI Starter)
- Taco 007 Circulator
- Expansion Tank Package (expansion tank, fill & check valve, auto air vent and fittings):
  - #109-sizes 3 thru 5; #110-size 6.
  - Shipped in separate carton.
- Through-the-Roof Termination Kit – includes
  - 5”x5”x3” tee, 5” cap, flue support, spacer clamps, debris screen and hardware. 5” Type B vent pipe and fittings must be furnished by installer.
- High Altitude Kits
- W-M 5 & 10 Year Homeowner Protection Plan
- W-M Indirect-fired Water Heaters
- W-M Maxifo® Pool Heaters
- W-M Baseboard Units

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

C-842 R6 (1209)