Factory-Packaged
0.95 to 1.75 GPH #2 Fuel Oil

Oil-Fired Steam Boiler

- Factory Tested
- Probe Type Low Water Cutoff
- Easy service
  - Swing-away burner door
  - Top access cleanout cover
  - Plug-in wiring harness
- High efficiency oil burner
  - Solenoid valve
  - PSC motor
  - Solid state ignitor
- Rear flue outlet
  - Top flue available with optional kit
- Cast iron sections
- Insulated heavy-gauge steel jacket
- Tankless heater option
**RATINGS**

<table>
<thead>
<tr>
<th>Boiler Model</th>
<th>Burner Input</th>
<th>AHRI Ratings</th>
<th>Seasonal Efficiency</th>
<th>Flue Outlet Diameter</th>
<th>Minimum Chimney Size (x 15' High)</th>
<th>Draft Loss Through Boiler</th>
<th>Approx. Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GPH (1)</td>
<td>MBH (2)</td>
<td>MBH (3) Sq. Ft. (3)</td>
<td>% AFUE</td>
<td>Round</td>
<td>Rectangle</td>
<td>Round</td>
</tr>
<tr>
<td>OSB-3</td>
<td>0.95</td>
<td>114</td>
<td>86</td>
<td>358</td>
<td>84.0</td>
<td>7”</td>
<td>8” x 8”</td>
</tr>
<tr>
<td>OSB-4</td>
<td>1.20</td>
<td>144</td>
<td>108</td>
<td>450</td>
<td>84.0</td>
<td>7”</td>
<td>8” x 8”</td>
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<tr>
<td>OSB-5</td>
<td>1.45</td>
<td>174</td>
<td>131</td>
<td>546</td>
<td>83.9</td>
<td>7”</td>
<td>8” x 8”</td>
</tr>
<tr>
<td>OSB-6</td>
<td>1.75</td>
<td>210</td>
<td>158</td>
<td>658</td>
<td>83.7</td>
<td>7”</td>
<td>8” x 8”</td>
</tr>
</tbody>
</table>

(1) MBH refers to thousands of Btu per hour. Based on 140,000 Btu/gal. 
(2) Based on standard test procedures prescribed by the United States Department of Energy, with combustion conditions of 13.5% CO2 and 0.02” W.C. draft. 
(3) 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 pickup. Ratings are based on a piping and pickup allowance of 1.333. Additional allowance should be made for unusual piping and pickup loads.

**DIMENSIONS**

**ALL DIMENSIONS IN INCHES**

- Supply piping (Note 1)
- Supply piping two, OSB-6 only (Note 1)
- Return piping (Note 1)
- Relief valve, 3/4” NPT
- Vent connection—7” diameter

- Pressure limit control
- Oil burner (shipped in separate carton)
- Probe-type low water cutoff
- Tankless coil & temp. control (when used)
- Pressure gauge

**EQUIPMENT**

- Factory tested
- Factory-assembled cast iron section assembly, including aluminized steel flue collector, swing-away burner mounting door, with refractory blanket and recessed target wall in combustion chamber.
- High efficiency flame-retention oil burner (Beckett AFG or NX, Carlin, or Riello)
- High limit pressure control
- 15 PSIG ASME relief valve
- Drain Valve
- Barometric damper
- Siphon
- Gauge glass and guards
- Pressure gauge
- Probe low water cutoff

**OPTIONAL**

- Top flue vent kit
- Tankless heater, shipped in separate carton

In the interest of continual improvement in product and performance, Thermoflo reserves the right to change specifications without notice.