Series WB90™ Residential Oil Boilers

Series WB90™ Boiler Features

- 90% AFUE Cast Iron Boiler—ENERGY STAR® Efficient!
- Residential, Oil-fired Boiler for Hot Water Systems
- Boiler is Designed for Both Direct and Natural Draft (Chimney) Venting
- High Efficiency, Flame Retention Burner—Carlin EZ-H₂L with Hi-Lo Firing
- Cast Iron Sections—Factory Tested and Assembled with Steel Push Nipples
- Large Water Content, Wet Base Section Design—Ideal for Large Volume Hot Water Applications
- ETL Certified for U.S. and Canada
- Primary/Secondary Piping Assures Cast Iron Protection
- Terminal Strip Simplifies Field Wiring and Helps Prevent Mis-Wiring
- State-of-the-Art Hybrid Polyester/Epoxy, Powder Coated Steel Jacket
- Full Plate Swing Out Door—For Quick and Easy Cleaning

Standard Equipment

- Boiler Reset Control with (3) Pump Outputs (Boiler, CH and DHW) and Low Water Cut-off
- Temperature Reset Control
- Taco Circulator
- Drain Valve
- Top Cleanout
- Built-in Air Elimination Baffle
- Drain Tee

All residential cast iron boilers include a full one-year warranty. A limited, lifetime warranty is provided for the cast iron sections of Peerless® residential hot water boilers. Visit PeerlessBoilers.com for complete details.
**Boiler Ratings**

<table>
<thead>
<tr>
<th>Boiler Model Number</th>
<th>Input Rate¹</th>
<th>Heating Capacity²,³</th>
<th>Net Ratings²,³</th>
<th>AFUE², %</th>
<th>Water Content, Gallons</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB90-03</td>
<td>0.90 126 GPH MBH</td>
<td>0.50 70 GPH MBH</td>
<td>111 97 MBH</td>
<td>90.0</td>
<td>11.75</td>
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<tr>
<td>WB90-04</td>
<td>1.30 182 GPH MBH</td>
<td>0.75 105 GPH MBH</td>
<td>160 139 MBH</td>
<td>90.0</td>
<td>14.75</td>
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</tbody>
</table>

1 Btu input based on No. 2 fuel oil with a heating value of 140,000 Btu per gallon.
2 Water ratings based on an allowance of 1.15.
3 Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.
4 Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government tests.

**Technical Information**

<table>
<thead>
<tr>
<th>Technical Information</th>
<th>Boiler Dimensions</th>
<th>Crated Dimensions &amp; Shipping Weights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiler Model Number</td>
<td>Jacket Depth &quot;A&quot;</td>
<td>Package WPC</td>
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<tr>
<td></td>
<td>Jacket Width &quot;B&quot;</td>
<td>Length 44-3/4&quot;</td>
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<tr>
<td></td>
<td>Jacket Height &quot;C&quot;</td>
<td>Width 28-3/4&quot;</td>
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<tr>
<td></td>
<td>Vent Size Diameter &quot;D&quot;</td>
<td>Height 47&quot;</td>
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<tr>
<td>WB90-03</td>
<td>18-3/8&quot;</td>
<td>Approximate Shipping Weight (lbs.)</td>
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<tr>
<td>WB90-04</td>
<td>22-3/8&quot;</td>
<td>591</td>
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<tr>
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<td>23-5/8&quot;</td>
<td>705</td>
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<td>39-1/4&quot;</td>
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<tr>
<td></td>
<td>4&quot;</td>
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</tbody>
</table>

**Series WB90™**

- Safety Relief Valve or Air Elimination
- Electrical Knockouts
- Alarm Light
- Service Switch
- Courtesy Outlet
- Condensate Trap
- 1-1/4" NPT Alternate Drain Valve Connection
- 3" Rear Vent
- 4" Drain Tee
- 1-1/4" NPT Return Drain Connection
- Air Inlet Cover Plate
- Crated Dimensions & Shipping Weights
- Includes Boiler, Flue Duct, Ignition Module, Electronic Control Board, and Terminal Block
- Approximate Shipping Weight (lbs.):
  - WB90-03: 591
  - WB90-04: 705