Factory-Packaged
0.70 to 1.75 GPH #2 Fuel Oil

OWB
No Tankless

OWT
With Tankless Heater

Oil-Fired Water Boiler

- Efficiencies 85% - 87% AFUE
- Enhanced control
  - Temperature limit control
  - LWCO Function
  - Thermal pre-purge function
- Rear flue outlet
  - Top flue available with optional kit
- 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
- Cast iron sections with built-in air separator
- Insulated heavy-gauge steel jacket
### RATINGS

<table>
<thead>
<tr>
<th>Boiler Model</th>
<th>Burner Input</th>
<th>GPH</th>
<th>MBH</th>
<th>Heating Capacity MBH (1)(2)(3)</th>
<th>Net Ratings MBH</th>
<th>Seasonal Efficiency AFUE%</th>
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<th>Approx. Shipping Weight (Lbs)</th>
<th>Circulator Flange Size</th>
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<tbody>
<tr>
<td>OWB/OWT-3</td>
<td>0.70</td>
<td>98</td>
<td>86</td>
<td>75</td>
<td>86.4</td>
<td>7&quot;</td>
<td>8&quot; x 8&quot;</td>
<td>6&quot;</td>
<td>0.010</td>
<td>540 560</td>
<td>1-1/4&quot;</td>
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Williamson has determined the boilers listed below are compliant with ENERGY STAR® Program 3.0 when installed with (optional) OVD kit.

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Notes:
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 overfire.
3. Net AHRI ratings are based on net installed radiation of sufficient quantity for the requirement of the building and nothing needs to be added for normal piping and pick-up. Ratings are based on piping and pick-up allowance of 1.15. An additional allowance should be made for unusual piping and pick-up loads.

### DIMENSIONS / CONNECTIONS

### 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.
- Taco 007 circulator
- High Efficiency flame-retention oil burner (Beckett AFG or NX, Carlin or Riello)
- High limit control with circulator relay and LWCO function
- Built-in air separator
- Combination pressure/temperature gauge
- 30 PSIG ASME relief valve
- Drain Valve
- Barometric damper
- Tankless heater (OWT)

Optional:
- Top flue vent kit

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