# 1 Selling Oil-Fired Water Heaters

- Five-Year Limited Tank/Heat Exchanger Warranty – Residential Installations
- Three-Year Limited Tank/Heat Exchanger Warranty – Commercial Installations

- 104,000 to 623,000 BTU/hr
- 32 to 113 gallon capacities
- .64 UEF rating
- 125 gallons first hour delivery
- Glass-fused-to-steel water tank
- Dual magnesium anode rods to inhibit corrosion

Turboflue® High Performance Heat Exchanger:
- Patented helical-fin multi-stage design
- Superior heat conduction and fuel efficiency

Made in the USA

The Popular BOCK® 32E Leads The Industry in Energy Efficiency With a .64 UEF Rating and 125 Gallons First Hour Delivery
**NOTE: 32E First Hour Rating = 125 Gallons**

<table>
<thead>
<tr>
<th>Model</th>
<th>Storage GAL (L)</th>
<th>Rated Input BTU/HR (kW)</th>
<th>Recovery @ 90°F (32°C) GAL/HR (L/HR)</th>
<th>Max. Temp Setting °F (°C)</th>
<th>Inlet Pipe Dia. NPT</th>
<th>Outlet Pipe Dia. NPT</th>
<th>Return Pipe Dia. NPT</th>
<th>Dimensions in Inches (cm)</th>
<th>Shipping Weight LBS (kg) ***</th>
</tr>
</thead>
<tbody>
<tr>
<td>32E</td>
<td>14 (517.4)</td>
<td>104,000</td>
<td>114 (431.54)</td>
<td>160 (71.11)</td>
<td>.75</td>
<td>.75</td>
<td>.75</td>
<td>A: 51.00 B: 129.5 C: 20.00 D: 6.00 E: 11.00 F: 17.00</td>
<td>225 (102.06) N/A</td>
</tr>
<tr>
<td>33E</td>
<td>15 (571.6)</td>
<td>100,000</td>
<td>111 (420.18)</td>
<td>160 (71.11)</td>
<td>1.00</td>
<td>.75</td>
<td>.75</td>
<td>A: 53.25 B: 109.9 C: 24.00 D: 16.00 E: N/A F: 17.25 (43.82) H: 235 (106.59) N/A</td>
<td></td>
</tr>
<tr>
<td>50ES</td>
<td>16 (571.6)</td>
<td>152,000</td>
<td>161 (609.65)</td>
<td>160** (71.11)</td>
<td>1.00</td>
<td>1.50</td>
<td>1.50</td>
<td>A: 59.00 B: 149.9 C: 24.00 D: 16.00 E: 11.00 F: 18.00 (45.72) H: 305 (138.35) N/A</td>
<td></td>
</tr>
<tr>
<td>51EC</td>
<td>17 (571.6)</td>
<td>150,000</td>
<td>160** (71.11)</td>
<td>1.00</td>
<td>1.00</td>
<td>.75</td>
<td>.75</td>
<td>A: 59.00 B: 149.9 C: 24.00 D: 16.00 E: 11.00 F: 18.00 (45.72) H: 305 (138.35) N/A</td>
<td></td>
</tr>
<tr>
<td>72E</td>
<td>20 (762.2)</td>
<td>199,000</td>
<td>212 (802.51)</td>
<td>160** (71.11)</td>
<td>1.00</td>
<td>1.50*</td>
<td>1.50*</td>
<td>A: 58.00 B: 147.33 C: 28.00 D: 20.32 E: 16.00 (40.64) F: N/A</td>
<td>520 (235.87) N/A</td>
</tr>
<tr>
<td>120E</td>
<td>25 (919.4)</td>
<td>155,000</td>
<td>163 (617.02)</td>
<td>180 (82.22)</td>
<td>1.00</td>
<td>2.00</td>
<td>2.00</td>
<td>A: 67.00 B: 170.2 C: 32.00 D: 15.2 E: 19.00 (48.3) F: 22.00 (55.88) H: 660 (299.37) N/A</td>
<td></td>
</tr>
<tr>
<td>361E</td>
<td>30 (1135.4)</td>
<td>415,000</td>
<td>180 (82.22)</td>
<td>1.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>A: 67.00 B: 170.2 C: 32.00 D: 15.2 E: 19.00 (48.3) F: 22.00 (55.88) H: 660 (299.37) N/A</td>
<td></td>
</tr>
<tr>
<td>541E</td>
<td>35 (1315.9)</td>
<td>623,000</td>
<td>180 (82.22)</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>A: 66.00 B: 167.64 C: 34.00 D: 25.40 E: N/A F: 30.50 (77.47) H: 1290 (585.13) 1310 (594.21) N/A</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Nipple not included  
**Optional setting, contact factory**  
**Weight does not include burner and controls**

T&P valve and brass drain valve factory installed  
Standard Voltage (all): 120V, 60 Hz, 1P  
Working Pressure: 150 psi (1034 kPa); Test Pressure: 300 psi (2068 kPa)  
All Bock products meet or exceed current ASHRAE standards.

**Warning:** Do not install on combustible flooring. Installation should be in accordance with all national and/or local codes. In the absence of local codes, refer to NFPA 31.

**Caution:** The recommended maximum hot water temperature setting for normal residential use is 120°F. Bock recommends a tempering valve or anti-scald valve be installed and used according to the manufacturer’s directions to prevent scaling.

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