Commercial Series
Energy Saver Oil-Powered Water Heater

Oil-Powered Models Feature:

■ High Recovery Rates—The center flue model delivers recovery rates as high as 114 gallons per hour. The rear flue model satisfies an even heavier demand with recovery rates as high as 237 gallons per hour.

■ Factory Installed Hydrojet® Total Performance System—Cold water inlet sediment reduction device helps minimize sediment build up in tank. Increases the efficiency and delivery of hot water while minimizing temperature build up at top of tank (CF-70 model only).

■ Vitraglas® Lining—Bradford White tanks are lined with an exclusively engineered enamel formula that provides superior tank protection from the highly corrosive effects of hot water. This formula (Vitraglas®) is fused to the steel surface by firing at a temperature of over 1600°F (871°C).

■ Controls—Single immersion aquastat (supplied with water heater).

■ 1" Non-CFC Foam Insulation—Covers the sides and top of tank, reducing the amount of heat loss. This results in less energy consumption, improved operation efficiencies and jacket rigidity (Center Flue model only).

■ Fiberglass Insulation—High density fiberglass insulation provides a thick blanket around tank and combustion chamber for more heat retention and maximum fuel efficiency (Rear Flue model only).

■ Water Connections—1" NPT factory installed dielectric waterway fittings extend water heater life and eases installation (RF-70 has 1¼" water connections).

■ Two Protective Magnesium Anode Rods—Provide added protection against corrosion for long trouble-free service (Rear Flue models have one Magnesium Anode Rod).

■ Steel Tank—Heavy gauge steel automatically formed, rolled and welded.

■ Installation—Occupies relatively little floor space and does not require a separate fuel oil storage tank when used in oil-heated residence or commercial building.

■ Ceramic Fiber Combustion Chamber—Concentrates the flame for a smaller, hotter fire and faster transfer of maximum heat.

■ T&P Relief Valve—Installed.

■ Low Restriction Brass Drain Valve—Durable tamper proof design.

Photo is of CF-70-3
## Commercial Oil-Powered Water Heater

### Energy Saver Models

<table>
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<tr>
<th>Model Number</th>
<th>Capacity</th>
<th>U.S. MBTU Input</th>
<th>Recovery at 100°F Rise*</th>
<th>A Floor to Flue Conn.</th>
<th>B Jacket Dia.</th>
<th>C Flue Size</th>
<th>D Floor to T&amp;P Conn.</th>
<th>E Floor to C/L Burner Opening</th>
<th>F Floor to Cold Water Conn.</th>
<th>G Floor to Hot Water Conn.</th>
<th>H Floor to Heater Top</th>
<th>J Floor to Aquastat</th>
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<td>58</td>
<td>119</td>
<td>0.85</td>
<td>114</td>
<td>95</td>
<td>67</td>
<td>24</td>
<td>24</td>
<td>6</td>
<td>8</td>
<td>6</td>
<td>58</td>
</tr>
<tr>
<td>RF-70-3</td>
<td>70</td>
<td>58</td>
<td>210/246</td>
<td>1.56/1.75</td>
<td>203/237</td>
<td>170/198</td>
<td>631/2</td>
<td>281/4</td>
<td>8</td>
<td>64</td>
<td>101/8</td>
<td>201/8</td>
<td>64</td>
</tr>
</tbody>
</table>

*Based on manufacturers rated recovery efficiency.

CF = Center Flue.

RF = Rear Flue.

†MBTUH = Thousand BTU/Hr.

### General

All Oil-Powered water heaters are certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa).

The water connections for the CF-70 are 1” NPT (25 mm) on 11” (279 mm) centers and 1 1/4” (32mm) NPT front connections for the RF-70.

Approved for use with No. 2 fuel oil.

All center flue water heaters meet or exceed DOE and CSA B211 energy requirements as certified by ETL. All water heaters must be installed with a temperature and pressure relief valve and on a non-combustible floor. All water heaters are approved for use with “L” vent.

**Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.**

Suitable for Water (Potable) Heating and Space Heating.

Toxic chemicals, such as those used for boiler treatment, shall NEVER be introduced into this system. This unit may NEVER be connected to any existing heating system or component(s) previously used with a non-potable water heating appliance.

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**BRADFORD WHITE**

For U.S. and Canada field service, contact your professional installer or local Bradford White sales representative.

Sales 800-523-2931 • Fax 215-641-1670 / Technical Support 800-334-3393 • Fax 269-795-1089 • Warranty 800-531-2111 • Fax 269-795-1089


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