The Upright Electric Models Feature:

■ **DOE**—All residential storage models meet or exceed efficiency requirements of the Department of Energy, ASHRAE Standard 90.1 b (current standard) and the National Appliance Energy Conservation Act of 1987 recent amendment effective January 20, 2004 which supersedes all state and local efficiency requirements.

■ **Fully Automatic Controls**—Fast acting surface-mount thermostats for automatic temperature control. Factory installed sensitive manual reset energy cutoff for safety to prevent overheating.

■ **Direct Heat Transfer With Immersed Elements**—Transfers heat directly and efficiently to the water. Screw-in style.

■ **Factory Installed Hydrojet® Total Performance System**—Cold water inlet sediment reducing device helps prevent sediment build up in tank. Increases first hour delivery of hot water while minimizing temperature build up in tank.

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

■ **2" Non-CFC Foam Insulation**—Covers the sides and top of the tank, reducing the amount of heat loss. This results in less energy consumption, improved operation efficiencies and jacket rigidity.

■ **Water Connections**—3/4" NPT factory installed true dielectric fittings extend water heater life and eases installation (M-2-120R has 1" NPT dielectric waterway fittings).

■ **Factory Installed Heat Traps**—Design incorporates a flexible disk that reduces heat loss in piping and eliminates the potential for noise generation (Except M-2-120R).

■ **Protective Magnesium Anode Rod**—Provides added protection against corrosion for long trouble-free service.

■ **Simultaneous and Non-Simultaneous Operation Available**—Simultaneous operation indicates when both elements (if equipped) are being heated at the same time. Non-Simultaneous operation indicates when one element is being heated at a time.

■ **Voltages Available**—120V, 208V, 240V, 277V, 480V.

■ **Single Phase or Three Phase Operation Available**—277V may only be wired for single phase operation.

■ **T&P Relief Valve Included**—All models have special tapping on top of tank.

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

■ **Design evaluated by ETL in accordance with Part 280.707(d) of HUD Mobile Home Construction and Safety Standards for Energy Efficiency.**

**Residential Upright Energy Saver Electric Water Heater**

**Photo is of M-2-50T6DS**

Copper Screw Type Immersion Element
(Incoloy type immersion element available upon request)
## Upright Energy Saver Models

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Capacity</th>
<th>Recovery 90°F Rise</th>
<th>A Floor to Heater Top</th>
<th>B Jacket Dia.</th>
<th>C Floor to Water Conn.</th>
<th>D Floor to T&amp;P Conn.</th>
<th>Approx. Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-2-30R6DS</td>
<td>30 Gal.</td>
<td>21 in.</td>
<td>46¼ in.</td>
<td>18 in.</td>
<td>48½ in.</td>
<td>47½ in.</td>
<td>85 lbs.</td>
</tr>
<tr>
<td>M-2-40S6DS</td>
<td>40 Gal.</td>
<td>21 in.</td>
<td>46½ in.</td>
<td>20 in.</td>
<td>47½ in.</td>
<td>46½ in.</td>
<td>103 lbs.</td>
</tr>
<tr>
<td>M-2-40T6DS</td>
<td>40 Gal.</td>
<td>21 in.</td>
<td>59¼ in.</td>
<td>18 in.</td>
<td>60¼ in.</td>
<td>59¼ in.</td>
<td>110 lbs.</td>
</tr>
<tr>
<td>M-2-50S6DS†</td>
<td>50 Gal.</td>
<td>21 in.</td>
<td>46½ in.</td>
<td>22 in.</td>
<td>47½ in.</td>
<td>46½ in.</td>
<td>130 lbs.</td>
</tr>
<tr>
<td>M-2-50T6DS</td>
<td>50 Gal.</td>
<td>21 in.</td>
<td>57½ in.</td>
<td>20 in.</td>
<td>58½ in.</td>
<td>57½ in.</td>
<td>123 lbs.</td>
</tr>
<tr>
<td>M-2-65R6DS</td>
<td>65 Gal.</td>
<td>21 in.</td>
<td>59¼ in.</td>
<td>22 in.</td>
<td>60¼ in.</td>
<td>59¼ in.</td>
<td>156 lbs.</td>
</tr>
<tr>
<td>M-2-65S6DS</td>
<td>65 Gal.</td>
<td>21 in.</td>
<td>59¼ in.</td>
<td>24 in.</td>
<td>60¼ in.</td>
<td>59¼ in.</td>
<td>183 lbs.</td>
</tr>
<tr>
<td>M-2-80R6DS</td>
<td>80 Gal.</td>
<td>21 in.</td>
<td>62¼ in.</td>
<td>28 in.</td>
<td>64½ in.</td>
<td>62½ in.</td>
<td>305 lbs.</td>
</tr>
<tr>
<td>M-2-80S6DS</td>
<td>80 Gal.</td>
<td>21 in.</td>
<td>62¼ in.</td>
<td>28 in.</td>
<td>64½ in.</td>
<td>62½ in.</td>
<td>305 lbs.</td>
</tr>
</tbody>
</table>

### Limitations for Non-Simultaneous Operation


### Limitations for Simultaneous Operation


### General

All models ETL listed. These heaters are wired inter-locking
(Non-Simultaneous, Single Phase) 240V with two 4500W elements, unless otherwise specified.

All water and electrical connections are 3/4” NPT (19mm), 120 gallon model has 1” (25mm) NPT.

All models certified at 300 psi test pressure (2068 kPa) and 150 psi working pressure (1034 kPa).

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