Residential Utility
Energy Saver Electric Water Heater

The Utility Electric Models Feature:

- **DOE**—All residential storage models above 20 gallon capacity 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standard) and the National Appliance Energy Conservation Act of 1987 recent amendment effective January 20, 2004 which superseded all state and local efficiency requirements.
- **Fully Automatic Controls**—Fast acting surface-mount thermostat for automatic temperature control. Factory installed sensitive manual reset energy cut-off for safety to prevent overheating.
- **Direct Heat Transfer With a Single Immersed Element**—Transfers heat directly and efficiently to the water. Screw-in style element.
- **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).
- **1" 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. Located on the side for easier installation.
- **Alternate Top Water Connections**—The 6 and 12 gallon models have alternate 3/4" water connection tappings on top.
- **Protective Magnesium Anode Rod**—Provides added protection against corrosion for long trouble-free service.
- **Voltages Available**—120V, 208V, 240V, 277V, 480V.
- **Single Phase Operation Only**.
- **T&P Relief Valve Included**—All models have special tapping on side of tank.
- **Design evaluated by ETL in accordance with Part 280.707(d) of HUD Mobile Home Construction and Safety Standards for Energy Efficiency.
# Residential Electric Water Heater

## Utility Energy Saver Models

### C.E.C. Listed

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Capacity</th>
<th>Recovery 50°F Rise</th>
<th>A Floor to Heater Top</th>
<th>B Jacket Dia.</th>
<th>C Floor to Hot Water Conn.</th>
<th>D Floor to T&amp;P Conn.</th>
<th>E Floor to Cold Water Conn.</th>
<th>F Floor to Anode Rod</th>
<th>G Floor to Electrical Access</th>
<th>Approx. Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-1-6USS*</td>
<td>23</td>
<td>419</td>
<td>356</td>
<td>257</td>
<td>257</td>
<td>79</td>
<td>444</td>
<td>419</td>
<td>15</td>
<td>100</td>
</tr>
<tr>
<td>M-1-10USS</td>
<td>38</td>
<td>444</td>
<td>404</td>
<td>367</td>
<td>367</td>
<td>104</td>
<td>232</td>
<td>219</td>
<td>22</td>
<td>150</td>
</tr>
<tr>
<td>M-1-12USS</td>
<td>42</td>
<td>439</td>
<td>457</td>
<td>280</td>
<td>280</td>
<td>104</td>
<td>232</td>
<td>219</td>
<td>22</td>
<td>175</td>
</tr>
<tr>
<td>M-1-12U6SS†</td>
<td>45</td>
<td>420</td>
<td>459</td>
<td>284</td>
<td>284</td>
<td>104</td>
<td>232</td>
<td>219</td>
<td>22</td>
<td>175</td>
</tr>
<tr>
<td>M-1-12U6SS†</td>
<td>47</td>
<td>514</td>
<td>571</td>
<td>323</td>
<td>323</td>
<td>104</td>
<td>232</td>
<td>219</td>
<td>22</td>
<td>180</td>
</tr>
<tr>
<td>M-1-20USS</td>
<td>70</td>
<td>528</td>
<td>552</td>
<td>323</td>
<td>323</td>
<td>104</td>
<td>232</td>
<td>219</td>
<td>22</td>
<td>185</td>
</tr>
<tr>
<td>M-2-30U6SS*</td>
<td>83</td>
<td>624</td>
<td>546</td>
<td>323</td>
<td>323</td>
<td>104</td>
<td>232</td>
<td>219</td>
<td>22</td>
<td>200</td>
</tr>
</tbody>
</table>

†Maximum wattage at any voltage is 3000W.

For 10 year models, change suffix “6” to “10”.

Single element only.

*Based on 1500W operation.

M-2-30U6SS* - Meets or exceeds ASHRAE90.1(b)(current standard).

---

### General

All models ETL listed. These heaters are wired Single Phase, 120V with one 1500W element, unless otherwise specified.

All water and electrical connections are 3/4” (19mm)NPT.

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

Applicable models CSA verified for energy performance in accordance with C191.1-M90.

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