Commercial Immersion and Surface Mounted Energy Saver Electric Water Heater

The Immersion and Surface Mounted Electric Models Feature:

- **Surface Mounted Thermostat Step Control (modulation)**—Can be accomplished by variable setting on thermostats (each element has an individual thermostat and high limit).
- **Immersion Thermostats**—Immersion type for accurate temperature control from up to 180°F (82°C) with manual reset high limit control.
- **3” (76mm) 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.
- **Factory Installed Hydrojet® Sediment Reduction System**—Cold water inlet sediment reducing device helps prevent sediment build up in tank and increases first hour delivery of hot water while minimizing temperature build up in tank.
- **Vitraglas® Lining**—Bradford White tanks are lined with an exclusively engineered enamel formula that provides superior 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.
- **Water Connections**—1/2” NPT factory installed true dielectric fittings extend water heater life and eases installation.
- **Elements**—Screw in style. Surface mounted thermostat models have elements made of nickel chromium wire embedded in magnesium oxide, sheathed in copper and electroplated to minimize degradation of the anode. Incoloy sheathed elements are optional. Immersion thermostat models have low watt density incoloy sheathed elements standard which resists burnout caused by dry fire or lime buildup.
- **Two Magnesium Anode Rods**—Provide added protection against corrosion for long trouble free service.
- **Hand Hole Cleanout**—Allows inspection of tank interior and facilitates the removal of sediment deposits.
- **ASME Construction Available**.
- **NSF Construction Available**.
- **Brass Drain Valve**—Tamper Proof Design.
- **T&P Relief Valve**—Installed.
- **Completely Pre-wired**—With pressure lug terminal block eliminating need for splicing or taping of wires.
- **Voltages Available**—208v, 240v, 277v, 380v, 415v, 480v and 600v.

3-Year Limited Tank Warranties / 1-Year Limited Warranty on Component Parts.

For more information on warranty, please visit [www.bradfordwhite.com](http://www.bradfordwhite.com)

For products installed in USA, Canada and Puerto Rico. Some states do not allow limitations on warranties. See complete copy of the warranty included with the heater.
Model numbers shown are for Surface Mount thermostats. For Immersion thermostat change suffix “SF” to “CF”.

Voltage and phase must be specified when ordering.

Example: M-II-50-A-4-W-3SF...

For ASME construction add “A” to the model number. Example: M-II-50A-12-3SF.

Sample Specification
The water heater shall be a Bradford White model with a rated storage capacity of not less than gal (______ liters), a minimum kW input of kW (_____ BTU/Hr), a minimum recovery of GPH (_____ GPH), and a minimum First Hour Delivery of _____ Gal. (_____ liters). The tank shall be lined and have a bolted hand cleanout. The tank shall have non-CFC foam insulation, and come equipped with an ASME rated T&P relief valve, a cold water inlet Hydrojet® Sediment Reduction System. It shall be design certified by U.L. for 180°F (82°C) application, either with or without a separate storage tank, and comply with state and local codes and ordinances.

General
All electric water heaters are certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa). All models are design certified by U.L., for up to 180°F (82°C) application as an Automatic Storage Heater, and an Automatic Circulating Tank Heater. As an Automatic Storage Heater, all models are complete, self-contained water heating systems. It needs no separate storage tank, pump, wiring or elaborate piping network. When equipped with a mixing valve, it will supply 180°F (82°C) sanitizing and 140°F (60°C) general purpose hot water simultaneously. These models can be used either as a single unit or in multiples connected in series or parallel (recommended). Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

Bradford White Corporation

Amble, PA

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 800-334-3933 • Fax 269-795-1089 • Warranty 800-531-2111 • Fax 269-795-1089

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Built to be the Best®

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