



HTP • 272 Duchaine Blvd, New Bedford, MA 02745 • www.htproducts.com

Mini Tank Electric Water Heaters

| | |
|-----------------------------------|--------------------|
| Job Name: | Location: |
| Engineer: | Wholesaler: |
| Mechanical Contractor: | Notes: |
| Model Number: | |
| Electrical Specifications: | |

Electric Water Heater Models

- Available in 2.5, 4, and 8 gallon capacities
- Available Voltages: 110/120V
- Single Phase Operation
- Model Numbers: EVR02.5A014C, EVR04.0A014C, EVR08.0A020C
- 1440W Element - 2.5 and 4 Gallon Models
- 2000W Element - 8 Gallon Models
- For use as a stand-alone point of use water heater, a booster for long pipe runs, or in a recirculation loop in a water heating system

Construction

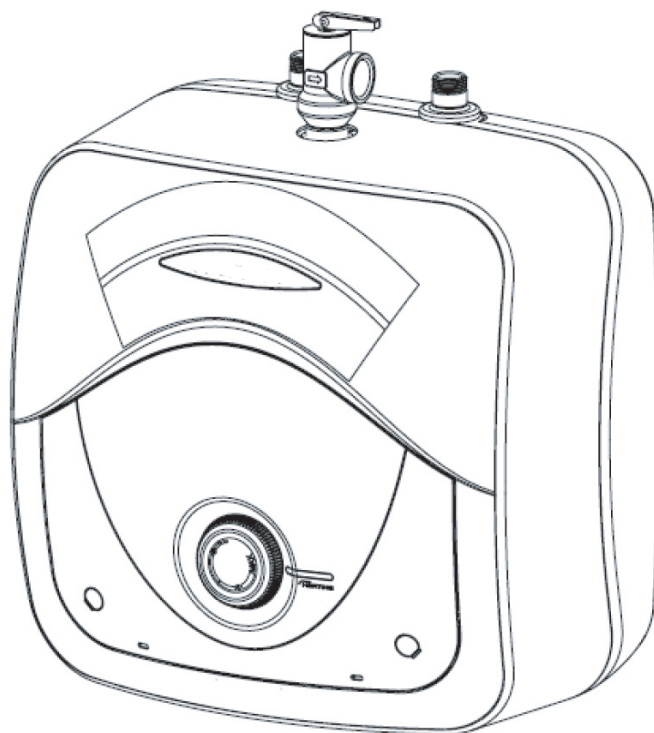
- Titanium glass-lined carbon steel tank tolerates high temperatures and offers superior corrosion resistance
- Lightweight construction
- Super-insulated for minimal heat loss and energy efficiency
- Hot water outlet with integrated heat trap draws the hottest water from the tank
- Cold water inlet diffuser maximizes hot water draw and minimizes mixing of cold and heated water
- Power cords are provided with 2.5 and 4 Gallon Models
- Electric junction box located on top of water heater for easy wiring and installation on 8 Gallon Models

Long Life Electric Element / Thermostat High Limit Control

- Pure copper elements provide increased corrosion resistance, reducing the chance of element burnout and providing longer service life than conventional elements
- Immersed elements allow maximum recovery efficiency and direct, 98% efficient heat transfer
- Adjustable surface mounted thermostat provides years of reliable, trouble-free water temperature control
- Maximum temperature capability of up to 161°F
- Fully automatic high limit controls provide overheat protection - manual reset cutoff

Additional Features

- Limited Warranty - Six (6) years coverage against inner tank leakage from the date of installation - Two (2) years coverage on component parts
- Included ASME rated Temperature and Pressure Relief Valve (Relief Valve Installed on 2.5 and 4 Models)
- Low standby loss
- A Magnesium Anode Rod Improves Corrosion Resistance
- Easy to Service - Anode and Electrical Element are accessible from the front of the water heater
- Compact installation footprint - Installs underneath or near a sink to provide point of use hot water for hand washing
- Floor or Wall Mounting Options (Wall Hanging Bracket Included)



Applications

Commercial / Industrial

- Office Buildings / Warehouses
- Malls and stores
- Food trucks / Restaurants
- Gas Stations
- Hotels/Motels
- Schools

Residential

- Bathroom sinks
- Kitchen and Laundry Sinks
- RVs / Mobile Homes
- Cabins / Cottages

Certifications and Ratings Efficiency

- UL Design Certified to meet the UL 174 Household Electric Storage Tank Water Heaters Standard
- North Carolina code compliant models available
- Certified by IAPMO as Lead Free compliant per the Safe Drinking Water Act, Section 1417

NOTE: The manufacturer reserves the right to make product changes or updates without notice and will not be held liable for typographical errors in literature.

| Technical Data | Units | 2.5 | 4 | 8 |
|---------------------------|-------------|---|---|---|
| Tank Capacity | Gallons | 2.7 | 4.0 | 8.0 |
| Dimensions | Inches | 14 ^{1/4} "W x 14 ^{1/4} "H x 10 ^{3/4} "D | 14 ^{1/4} "W x 14 ^{1/4} "H x 12 ^{3/4} "D | 17 ^{1/2} "W x 17 ^{1/2} "H x 15 ^{1/4} "D |
| Weight (Empty) | lbs | 15.5 | 17.6 | 29.5 |
| Maximum Water Pressure | psi | 150 | | |
| Recovery Rate (90°F Rise) | gal/h | 7 | | 9 |
| Temperature Range | °Fahrenheit | 65 - 161 | | |
| Water Connections | NPT | 1/2" NPT | | 3/4" NPT Nipple Adapters Included* |
| Relief Valve | | Installed | Installed | Included, not Installed |
| Nominal Voltage (1 Phase) | VAC | 110 / 120 (all Models) | | |
| Nominal Current | Amps | 12.0 | | 16.7 |
| Power at 120 VAC | Watts | 1440 | | 2000 |
| Electrical Connection | | Plug In | | Hard Wired |

Table 1 - Technical Specifications - *Nipple Adaptors Included in the Box

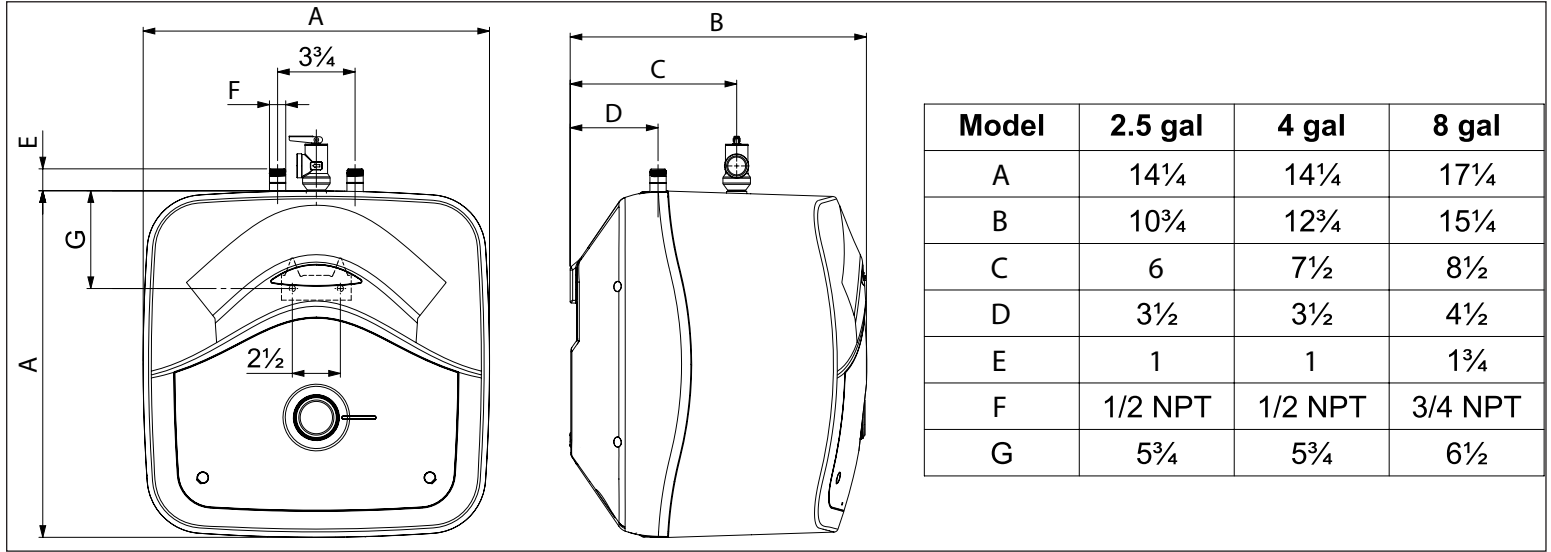


Figure 1 - Dimensional Drawing

Typical Specifications

The water heater shall be an HTP model # _____ with a _____ gallon storage capacity, an input of _____ watts, a recovery rate of _____ GPH at 90°F (32.2°C) temperature rise, The water heater will be equipped for 110/120 volts, single phase operation.

The tank shall be constructed of titanium glass-lined carbon steel, and have a working pressure of 150 PSI (1,034 kPa). A large capacity sacrificial magnesium anode rod will provide additional corrosion resistance. The water heater shall be design certified by UL to meet the UL 174 Household Electric Storage Tank Water Heaters Standard, and meet or exceed the standby loss requirements of ASHRAE.

The water heater shall be equipped with an adjustable surface mounted thermostat and an LED indicator of operation with a manual reset high limit safety control, and an electric junction box located on the top of heater. All water heaters will be shipped with an ASME Rated temperature and pressure relief valve (installed on 2.5 and 4 models).

Water heaters shall be covered by a six (6) year limited warranty against inner tank leakage from the date of installation and two (2) years coverage on component parts. See product warranty for details.

The surfaces of these products contacted by consumable water contain less than 0.25% lead by weight, as required by the Safe Drinking Water Act, Section 1417.

Maximum unit dimensions shall be length _____ inches, width _____ inches and height _____ inches. Maximum unit weight shall be _____ pounds.

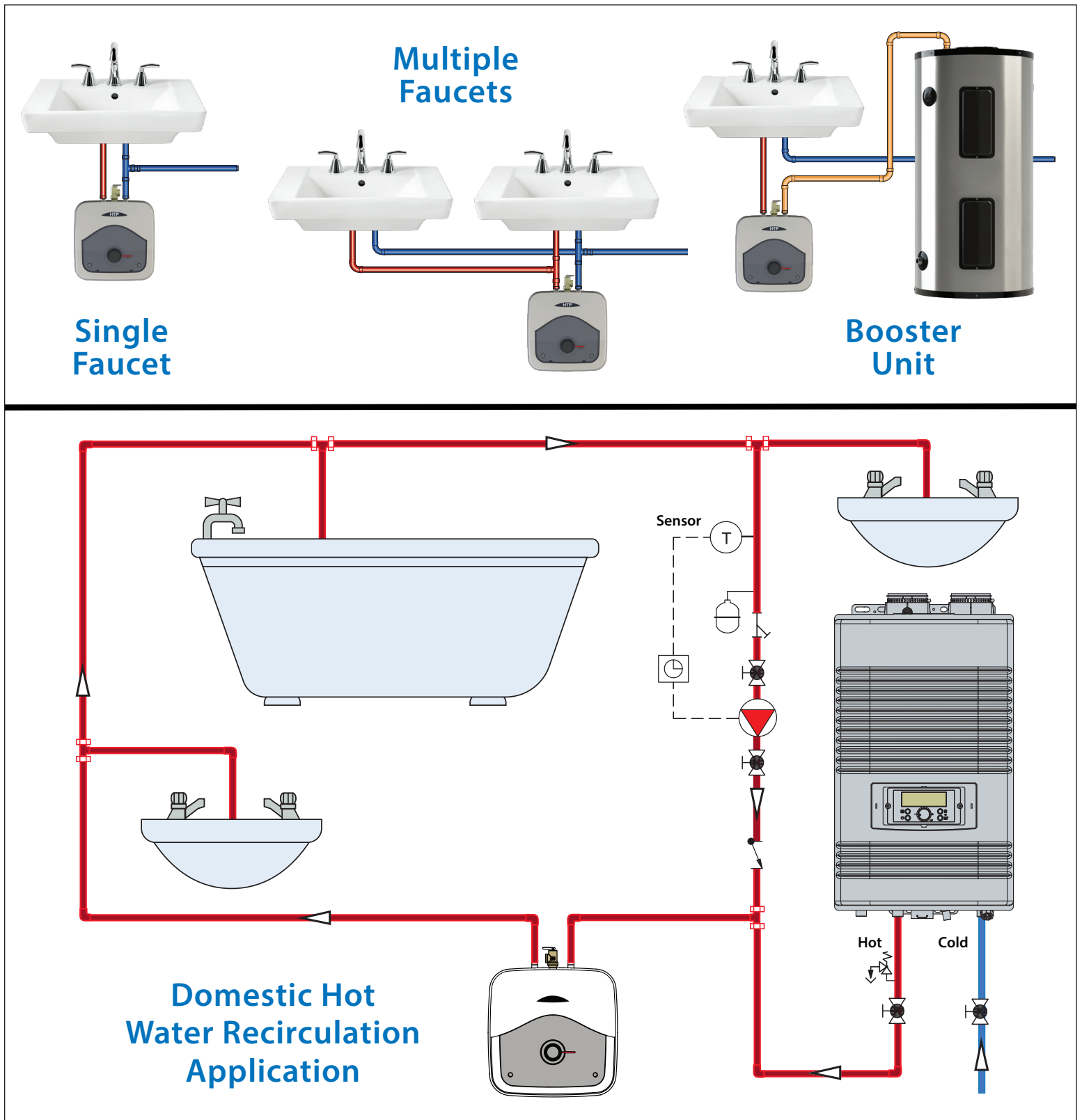


Figure 2 - Possible Applications