



AeroTherm[®] Series Heat Pump Water Heater



Built to be the Best^{**} | www.bradfordwhite.com

Get The AeroTherm[®] Series Heat Pump Water Heater.



The Bradford White AeroTherm[®] Series water heaters combine the installation and servicing features valued by plumbing professionals with the energy and cost saving benefits important to today's energy conscious consumer.

Smart for You

For plumbing professionals, the AeroTherm[®] Series features top water connections and convenient height and weight for quick and easy replacements and installations. The product can also be laid on its side for greater transportation flexibility. The AeroTherm's integrated smart control panel includes detailed diagnostic information for ease of serviceability and quick and accurate diagnostics. Just as important, the AeroTherm[®] Series adds another great line of Bradford White products you can offer your customers.

Smart for Customers

ENERGY STAR[®] certified, AeroTherm[®] Series water heaters are eligible for most rebate programs throughout the country resulting in initial savings to the consumer. Efficiencies up to 3.48 UEF (Uniform Energy Factor) result in significant energy and money savings throughout the product's lifetime. First hour delivery ratings up to 87-gallons and quiet operation ensure consumers get exceptional performance to meet their demands for hot water. With four user-selectable operation modes (Heat Pump, Hybrid, Electric, Vacation), the new AeroTherm[®] Series gives consumers greater control over their water heater's energy consumption.

Highlights

- 50-, 65-, and 80-gallon capacities comparable replacements for 40-, 50-, or 80-gallon standard electric water heaters
- Provide the same amount of hot water as standard electric 50- or 80-gallon water heaters
- Same water and electrical connections as a standard electric water heater
- Top water connections and a convenient height and weight for quick and easy replacements and installations
- Designed for indoor installation such as: basement, garage, closet, utility room, attic, etc.
- Four operating modes: Heat Pump, Hybrid, Electric, and Vacation
- Electronic controls make it simple to change the temperature or operating mode
- Northern climate tier 3 capable
- Quiet operation
- Optional ducting kit available (Part No. 415-52820-00)

Smart for You and Smart for Your Customers.



ENERGY STAR[®] QUALIFIED:

- Save \$300 per year in estimated annual operating cost*
- Qualifies for state and local utility rebates and tax credits



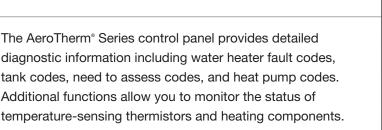
 Exceeds ENERGY STAR[®] standards and provides year-round energy and money savings

*Information provided by the Air Conditioning, Heating and Refrigeration Institute (AHRI) and Bradford White. Savings based on the estimated annual operating cost of a standard 50-gallon electric tank water heater using 3531 kWh per year vs. the 50-gallon, 3.39 UEF AeroTherm® heat pump water heater using 958 kWh per year and national average electricity rate of 12 cents per kWh. For FTC guide information, please visit www.ahrinet.org.

What Makes It Smart

The AeroTherm[®] utilizes both heat-pump technology (1) and back-up electric heating elements (2) to heat water. This integrated system helps to drive the AeroTherm's economical and efficient operation. During heat pump operation, a fan (3) draws heat from the air into a compressor (4) and evaporator (5) to heat refrigerant. Once heated, the refrigerant travels through a coil (6) that fully surrounds the water storage tank. The AeroTherm[®] Series heat pump water heater provides considerable energy efficiency while greatly reducing the cost of water heating.

The AeroTherm[®] Series Smart Control Panel





- User friendly, easy to read display
- LED's clearly indicate the current operating mode
- Easy to change the temperature or operating mode
- Adjustments of one degree increments from 100 to 140 degrees Fahrenheit
- Display communicates current status, mode and set point, and displays error messages when applicable

Operational Modes

Heat Pump (only) Mode – Maximizes consumer savings. The most energy efficient mode as it only utilizes the heat pump.

Hybrid Mode – Saves while experiencing fast recovery. Hybrid mode is the factory setting combining heat pump efficiency and savings with recovery rates of standard electric when needed.

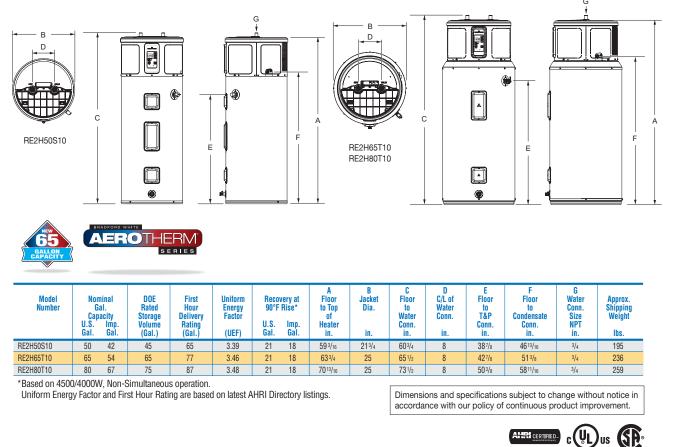
Electric (only) Mode – Operates like a standard electric water heater, and eliminates the air flow and sound from the heat pump system.

Vacation Mode – Adjusts the temperature set point down to 50°F for extended periods of time.

The AeroTherm[®] Series Heat Pump water heater offers advanced technology and low cost operation.

QUIET OPERATION	
Operating Sound Level	55 DBA Average
POWER / RATINGS	
Electrical Circuit Required	208V/240V 60 Hz Dedicated 30 Amp Min.
Electrical Consumption - Lower Element	4,000 Watts
Electrical Consumption - Upper Element	4,500 Watts
Electrical Consumption Heat Pump	4,500 Watts Maximum Heating;
	550 Watts Minimum Heating
Uniform Energy Factor (hybrid mode)	Up to 3.48
First Hour Rating (FHR)	Up to 87 gallons
Operating Air Temperature Range	Heat Pump 35° F to 120° F (Unit operates in
	Standard/Electric Mode outside of this range)
Operating Water Pressure	150 PSI Maximum Working Pressure
	(30-80 PSI recommended)

Specs at a Glance





Committed to the Professional.

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