Heat Pump Water Heater – more than 200% efficient

Heat pump water heaters use a small heat pump
to extract heat from your basement air and use it to heat your domestic hot water. They are easy to install (essentially the same as a regular electric water heater) but are much more efficient. We offer the Bradford White version which is identical to the GE heat pump water heater. Pictured above are Dave Sprague (left), director of new construction at NMD, and Bob Mader (right), editor of Contractor Magazine.

This is the Bradford White AeroTherm™ Heat Pump Model
■ ENERGY STAR® Qualified—These models qualify for the September 1, 2010 minimum ENERGY STAR® EF requirement, as well as most utility rebate programs.
■ The AeroTherm™ Series Control Panel—Provides detailed diagnostic information including water heater fault codes, tank codes, need-to-assess codes, and heat pump codes. Additional functions allow you to monitor the status of temperature sensing thermistors and heating components.
— User-Friendly, Easy to Read Display.
— LED's Clearly Indicate the Current Operating Mode.
— Display Communicates Current Status, Mode and Set Point, and Displays Error Messages When Applicable.

■ Operating Modes Offer Flexibility.
— 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 when preferred (fastest recovery time, but least energy efficient).
— Vacation Mode—Adjusts the temperature set point down to 50°F for extended periods of time.
■ Quiet Operation—Operating sound level of approximately 55 DBA.
■ Can Be Laid Down for Easier Transportation—Easy-to-open, protective packaging.
■ Easily Accessible Top Mounted Washable Air Filter—User is automatically alerted when the air filter needs to be cleaned.
■ Operating air temperature range of 35-120°F for the Heat Pump—(Unit operates in Standard/Electric Mode outside of this range).
■ Backup Electric Heating Elements.
■ Direct Heat Transfer with Immersed Elements—Transfers heat directly and efficiently to the water. Screw-in style.
■ Insulation System—2" (51mm) Non-CFC foam insulation covers the sides and top of the tank, reducing heat loss. This results in less energy consumption, improved efficiencies, and jacket rigidity.
■ Water Connections—¾" (19mm) NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections.
■ Factory-Installed Heat Traps—Design incorporates a flexible disk that reduces heat loss in piping and eliminates the potential for noise generation.
■ Protective Magnesium Anode Rod—Provides added protection against corrosion for long-term, trouble-free service. ■ T&P Relief Valve—Installed.
■ Low Restrictive Brass Drain Valve—Durable tamper proof design.
■ Design Certified to NSF/ANSI 372 (Lead Content).
■ Northern Climate Tier 3 Capable.
■ Optional Ducting Kit—Maximum duct length of 100 feet combined between inlet and exhaust.

Our goal is to be **Martha's Vineyard's premier plumbing and HVAC shop –** we appreciate the opportunity to service and upgrade your domestic hot water system.