

# HEAT PUMP WATER HEATERS (HPWHs)



Heat pump water heaters provide home owners more control by offering exact temperature settings.

**+ ENERGY SAVINGS WITH MORE CONTROL**

Most HPWHs offer four modes of operation including an auto mode that is ideal for daily use, a vacation mode to maximize energy savings when you are gone, and a high demand to boost heat recovery when you have a large number of guests overnight. Whether you want to save or need a little extra hot water, you are in control.

**+ A SAFE ALTERNATIVE FOR YOUR HOME**

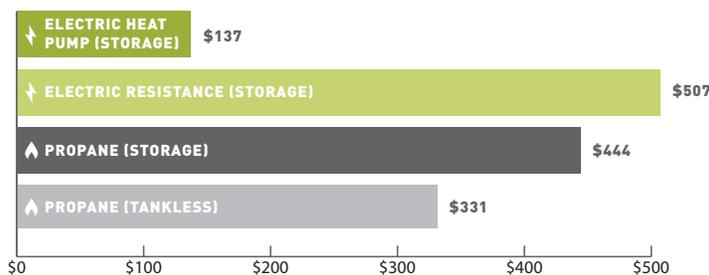
HPWHs are all electric and combustion free, removing a source of carbon monoxide and potential gas leaks in your home. Also, HPWHs do not generate heat, so they remain cool to the touch.

**+ A HPWH COSTS LESS TO OPERATE THAN PROPANE WATER HEATERS**

Water heating makes up about 18% of U.S. residential energy use. HPWHs can use up to 70% less energy than traditional electric water heaters when installed correctly.\*

\*Source: Pacific Northwest National Laboratory, "Hot showers, lower power bills with heat pump water heaters," [www.pnnl.gov/news/release.aspx?id=4173](http://www.pnnl.gov/news/release.aspx?id=4173)

**ANNUAL WATER HEATING COST FOR FAMILY OF FOUR BY WATER HEATER\***



\*Based on an average 64 gallons of hot water a day and heating prices of \$2 per gallon of propane or \$0.12 per kWh of electricity.

Source: Efficiency Maine, "Compare Water Heating Costs," [www.efficiencymaine.com/at-home/water-heating-cost-comparison/](http://www.efficiencymaine.com/at-home/water-heating-cost-comparison/)

## IS A HEAT PUMP WATER HEATER RIGHT FOR YOU?

HPWHs are available in multiple sizes to fit any household size or commercial application, and have fast recovery to keep hot water flowing. HPWHs use electricity to move heat from one place to another rather than generating their own heat like a traditional electric water heater, which can make them 2-3 times more efficient when properly installed.\* Installation requires both plumbing and electrical work, so use a licensed contractor.

Your local electric cooperative or public power district may provide rebates for this energy-efficient option. Contact your electric power provider for more details!

\*Source: Consumer Affairs, "Are heat pump water heaters worth the cost?," [www.consumeraffairs.com/homeowners/heat-pump-water-heater-value.html](http://www.consumeraffairs.com/homeowners/heat-pump-water-heater-value.html)