

HEAT PUMP WATER HEATER

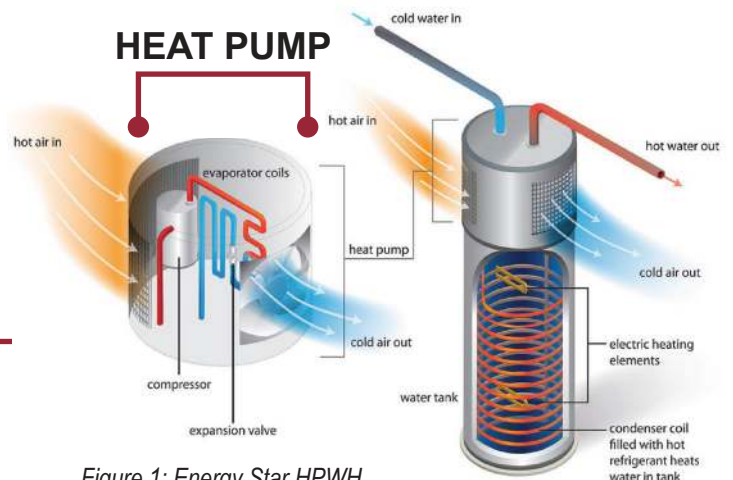


Figure 1: Energy Star HPWH Buying Guide

What is a heat pump or “hybrid” water heater and how does it work?

A heat pump works like a refrigerator, only in reverse. The technology allows it to capture heat from the surrounding air and transfers it to the tank to make hot water. An Energy Star efficient heat pump water heater uses about **70% less electricity** than standard electric models, and 1/3 of the energy than a comparable gas model. (*Energy Star HPWH Buying Guide*)

Other benefits include

-  Less greenhouse gas emissions, making your home healthier
-  Proven and reliable products
-  Uses 1/3 of the energy of gas options
-  Acts as a dehumidifier so you won't need the extra appliance
-  Quickly pay for themselves after 2 to 3 years through savings and incentives
-  Safe to operate and easy to maintain

Get an Xcel Energy rebate for up to **\$500** for qualifying water heaters installed by a participating contractor.

Installation guide

Be sure to choose the right size for your space. A heat pump/hybrid water heater needs as much as 7 feet of clearance from floor to ceiling, and up to 1,000 cubic feet of uncooled space, or use louvered doors in tight spaces. Most Models come with long-term warranties and can use 120 or 240 Volt outlets depending on the model.

Contact Jason Ludwigsen for more information on resources at: jludwigson@cityoflacscent-mn.gov



Switching from a gas appliance to an ENERGY STAR certified HPWH can save a four-person family \$3,400 over its lifetime and will pay for its additional cost in two years. (EPA HPWH Fact Sheet 2018)

