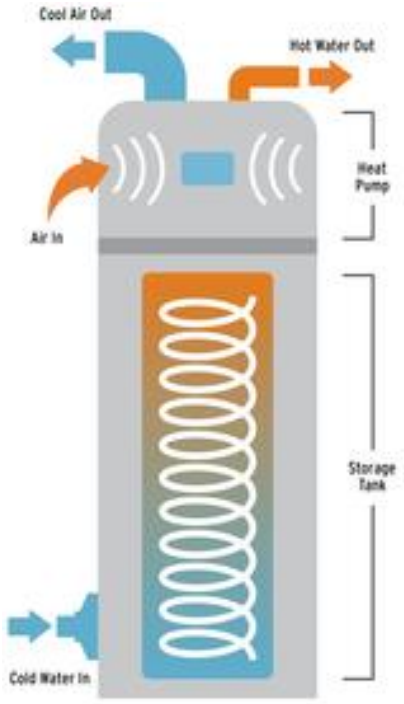
HEAT PUMP WATER HEATERS

How Heat Pump Water Heaters Work

Electric heat pump water heaters pull heat from the surrounding air into a water tank, using the same technology a refrigerator uses but in reverse. Because they move heat from one place to another rather than generating heat directly, heat pumps can be two to three times more energy efficient than conventional electrical resistance hot water heaters.



Is a Heat Pump Water Heater Right for You?

It can be, if your home provides for the following location and space requirements:

- Unrestricted air flow and a minimum installation space of 700 cubic feet.
- Installation in a space with ambient air temperature between 45°F and 110°F.
- A minimum clearance of 6 inches on all sides.
- A dedicated breaker of at least 15 amps and a 240V electrical conduit from the electrical panel to the location of the unit.

A comprehensive guide to heat pump water heater installation can be found here: https://basc.pnnl.gov/code-compliance/heat-pump-water-heaters-code-compliance-brief

Rebate Amounts and Requirements

Rebates for heat pump water heaters are $1,000 (or $2,000 for income-qualified applicants). In order to qualify for a rebate through this program, heat pump water heaters must meet the following criteria:

- Must meet NEEA Tier Advanced Water Heater Specification or higher
- Must have a Uniform Energy Factor (UEF) of 3.0 or higher[i]

[i] Rounding up of UEF is not acceptable