



THE SWITCH IS ON

## Heat Pump Water Heaters

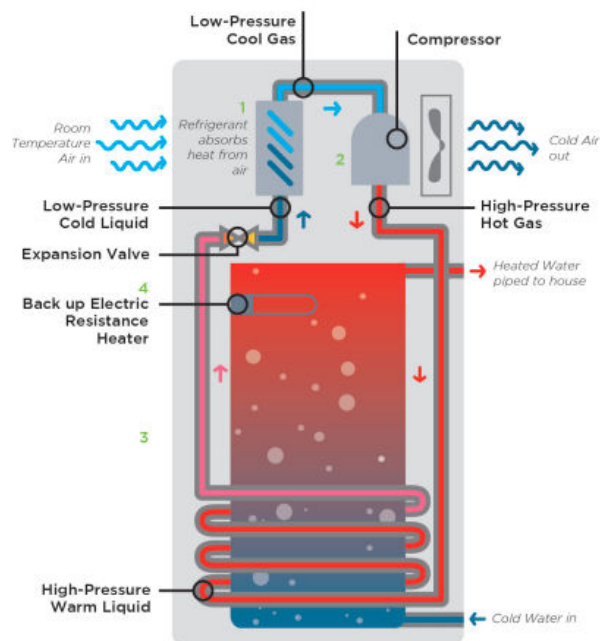
If you've ever wondered where the hot water from your faucet comes from, the answer is your home's water heater. These appliances are typically located in closets, garages, or basements, and are [the second largest user of natural gas](#) in your home.

Some gas water heaters keep a pilot light burning at all times to quickly heat up when needed. Like gas furnaces, gas water heaters contribute to pollution that hurts local air quality and causes climate change. And like gas furnaces, water heaters pose risks to homeowners if there is a leak or other malfunction.

**A better alternative is a heat pump water heater (HPWH), which transfers heat from the surrounding air into a hot water tank.**

This heated water is then piped throughout the home to showers, dishwashers, sinks, and washing machines. Because heat is transferred instead of generated (i.e., by burning fossil fuels or using an electric resistance tank), heat pump water heaters can be three times more efficient than conventional water heaters.

By using electricity during the day when solar power is abundant and then storing this water for later, your HPWH can even act as a clean energy storage system for the electric grid.





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For more information, check out [this great consumer guide](#) for buying HPWHs from our friends at the Massachusetts Clean Energy Center.

## **Be Ready to Make the Switch**

Thanks to a number of [new incentives](#), in California, a new heat pump water heater is more affordable than ever. If you've been putting off switching, now is the time!

If you are ready to make the switch, we also recommend [hiring a contractor](#) familiar with heat pump water heaters.

If you aren't looking for a new water heater right now, prepare yourself to make the switch when the time comes by understanding the space and electric capacity requirements for your future heat pump hot water heater.

Your utility bills can be further reduced by pairing your heat pump hot water heater with home solar, which allows you to generate your own clean energy that can power your appliances. [Speak to an expert](#) about getting solar panels.

By adding a home battery, you can store the power you generate from your solar panel and use it for space heating and cooling during times of high electricity rates. The battery can also act as a backup power source during outages or emergencies. [Speak to an expert](#) about installing a home battery.

## **Additional Resources**

Buy Here:

[Heat Pump Water Heaters at Home Depot](#)

[Heat Pump Water Heaters at Lowes](#)

[Heat Pump Water Heater Buying Guide](#)

[Heat Pump Water Heater: How it Works](#)