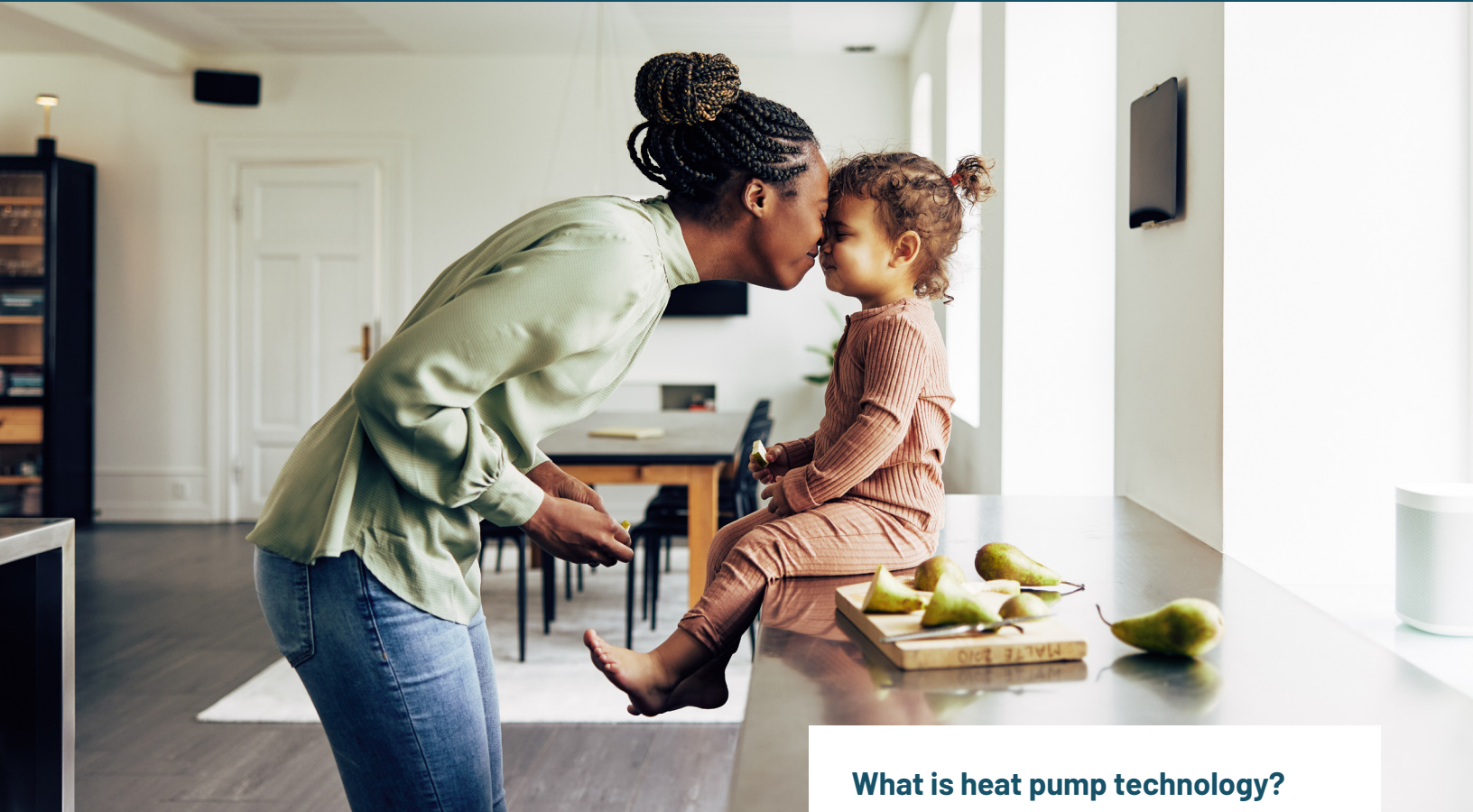


# Heat pump technology—

delivering comfort, safety, and cleaner air for your home at a fraction of the energy use



**Did you know that about a third of the energy used in California homes goes to heating and cooling?** And right behind that, water heaters are the second biggest energy user in your home. Heat pump technology can offer more than **3x the efficiency** of other heating or cooling methods and can significantly reduce the amount of energy you use while also making your home cleaner, healthier and safer.

## What is heat pump technology?

You may not be familiar with heat pumps, but they are the second most common heating appliance in the U.S. and are quickly becoming more common for space and water heaters in homes. Instead of creating heat, heat pumps operate more efficiently by capturing heat from the surrounding air and transferring it through a refrigeration and compression cycle to the desired temperature to heat or cool your home or provide hot water. Even if you live in a colder climate, heat pumps can deliver energy-efficient and cost-effective comfort for your home.

## The benefits of heat pump technology:

### Water Heating

- 3x (or more) the efficiency of conventional gas or electric water heaters
- Can be programmed to heat water when energy rates are lower and store it to provide hot water when you want it
- Reduces harmful emissions from the burning of fossil fuels in gas powered appliances

### HVAC

- Provides both heating and cooling all in a single unit
- Provides cleaner and healthier indoor air quality with no harmful emissions
- Uses less energy than conventional gas or electric heaters

Interested in getting heat pump technology installed in your home? Contact:

Palm Desert Air Conditioning Company  
(760) 610-0297  
palmdesertac.com



### About TECH Clean California:

Contractors or installers enrolled in TECH have access to incentives and other resources that can bring down the cost of choosing heat pump technologies for your home. The goal of TECH Clean California is to make it easier and more affordable to install heat pump HVAC and water heaters in homes to help California meet its goal of becoming carbon-neutral by 2045.

**Learn More at [SwitchIsOn.org](https://SwitchIsOn.org)**

To learn more about why making the switch leads to better, cleaner performance at an affordable price, visit [SwitchIsOn.org](https://SwitchIsOn.org).



**THE SWITCH IS ON**