



SWEEP

SOUTHWEST ENERGY EFFICIENCY PROJECT

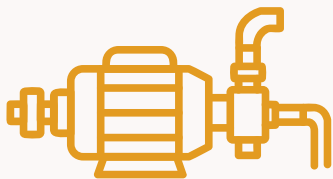


WHAT IS A HEAT PUMP?



A **heat pump** is part of a home heating and cooling system. Part of the heat pump is installed outside your home, and part is installed inside. Heat pumps are essentially reversible air-conditioners (AC). They transfer heat from inside your home to the outside like an AC during warm weather, or from the outside to inside your home during cooler weather.

*Clean, efficient
heating and
cooling*



HOW THEY WORK

Air-source heat pumps move heat between the air inside a home and the air outside, while ground-source heat pumps transfer heat between the air inside a home and the ground outside a home; both use a refrigerant system (like an AC). Air-source heat pumps can be either ducted or ductless.



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Heat pump facts



Heat pumps are three-to-four times more efficient than a furnace. That means you're using less energy to stay just as warm.



They heat and cool, which means you are getting two appliances for the price of one.



Heat pumps are one of the best ways to lower your household's carbon emissions.



Heat pumps are not cheap, but can be very cost-effective for some applications. For example, when your home's AC system needs to be replaced, choosing a heat pump instead will cost about the same with utility and other rebates available. And if your home is currently heated with baseboard electricity or propane, using a heat pump to heat your home will reduce your heating costs significantly.

The Southwest Energy Efficiency Project (SWEEP) is a public interest nonprofit organization advancing energy efficiency, beneficial electrification, and clean transportation in Arizona, Colorado, Nevada, New Mexico, Utah, and Wyoming.

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