

A heat pump is a device that transfers heat energy from one place to another, a cycle of evaporation and condensation. It can be used for both heating and cooling spaces, making it an efficient climate control system. It contains a refrigerant that absorbs heat at low temperatures (evaporator) and releases it at higher temperatures (condenser). The cycle involves compressing the refrigerant to increase its temperature, then circulating it through coils to transfer heat.

This process reduces reliance on fossil fuels, reducing your carbon footprint.

