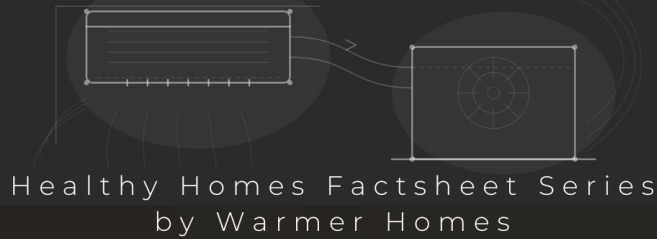


# 8 THINGS TO KNOW ABOUT

## HEAT PUMPS



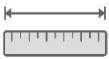
### ENERGY EFFICIENT

For every 1 kilowatt-hour of electricity used, a modern heat pump can deliver 3–5 kilowatt-hours of heating — meaning they're 300–500% efficient. This is far ahead of any direct electric heater, which can never exceed 100% efficiency.



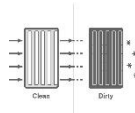
### BEST WITH INSULATION

A heat pump paired with good insulation is a powerful combination — the heat pump works less hard, runs cheaper, and can keep the home at a more consistent temperature.



### SIZE MATTERS

An undersized heat pump will struggle to heat a room on cold days, while an oversized one will wear out faster with frequent stopping and starting. Consider room size, insulation level and sun exposure before buying.



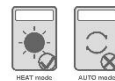
### KEEP FILTERS CLEAN

Filters should be cleaned (vacuumed) every few months. A dusty filter means the fan has to spin faster and the compressor has to work harder to achieve the same temperature. It also circulates dust and allergens through the home.



### GET THE SITE RIGHT

Where the indoor and outdoor units are installed has a big impact on how well the system works. Poor placement can reduce efficiency and leave cold spots in the home.



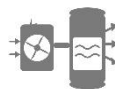
### HEAT MODE NOT AUTO

In winter, use Heat Mode (sun symbol). Your heat pump will stop heating once the room reaches the set temperature. Avoid Auto Mode (cycle symbol), as it wastes power by switching between heating and cooling to maintain the set temperature.



### JOIN THE FAN CLUB

In winter months your heat pump's fan and louvres can be used to warm up a room faster, push residual heat to colder parts of the home and to mix up the air by shifting warm air from sitting at the ceiling (heat destratification). Auto Fan mode is also helpful.



### HOT WATER HEAT PUMPS

Just like a space heating heat pump, a hot water heat pump extracts heat from the surrounding air to heat water — delivering around 3 units of heat for every 1 unit of electricity used. They are the most efficient electric hot water option available.

This factsheet is provided by Warmer Homes.

We hope that by reading our factsheets you will learn some useful ways to make your home warmer, drier and more comfortable to live in. Learn more at [warmerhomes.nz](http://warmerhomes.nz)