

8 THINGS TO KNOW ABOUT

H O M E H E A T I N G O P T I O N S



Healthy Homes Factsheet Series
by Warmer Homes



HEAT PUMPS MOST EFFICIENT

Heat pumps deliver multiple units of heat for every unit of electricity consumed, making them significantly cheaper to run than panel heaters or plug-in electric heaters.



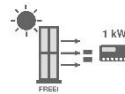
AVOID UNFLUED GAS HEATERS

Avoid unvented portable gas heaters. Because they don't exhaust outside, they release water vapor, carbon monoxide, and nitrogen dioxide directly into your home.



RADIANT vs CONVECTIVE

Radiant heaters warm objects and people directly (good for spot heating); convective heaters warm the air in a room (better for whole-room comfort). The right choice depends on how and where you're heating.



USE THE SUN

A 1 m² window receiving direct sunlight for one hour, can bring up to 1 kW of heat energy into your home. This is the same as running a 1 kW heater for an hour. Utilising this free energy through the day will save you on heating costs.



THE BEST HEAT FOR YOU

The best heating solution for any home depends on its size, insulation levels, layout, occupancy patterns and local climate. There is no universal answer — which is exactly why a home energy assessment is so valuable.



COUNTING THE COST

Portable electric heaters (oil column, fan heaters, bar heaters) convert electricity to heat at 100% efficiency. So a 2kW heater running for one hour will use 2 kWh of electricity. At 30 cents per kWh that's 60 cents an hour.



HEAT TRANSFER KITS

Heat transfer kits distribute excess heat within the living room into other rooms of the home. It can create a more balanced whole-home warm feeling when installed and used appropriately.



HEAT SOURCE & VENTILATION

Combustion-based heaters (gas, wood) produce moisture and pollutants as a by-product, increasing ventilation requirements. Electric heating (especially heat pumps) has no combustion by-products, making ventilation management simpler.

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