

About warmth.nz

warmth.nz has been installing underfloor heating systems since 2008. There are now hundreds of homes enjoying luxurious and affordable whole home heating.

The company sources high quality components from reputable manufacturers to ensure smooth and reliable operating, and backs this up with quick service.



Vision

Change the level of comfort and health of Kiwi's homes completely.

Goals

Make the luxurious whole home energy solution affordable for everyone in New Zealand.

warmth.nz ☎ 0800 477 778
underfloor heating ✉ info@warmth.nz

SPRSUN

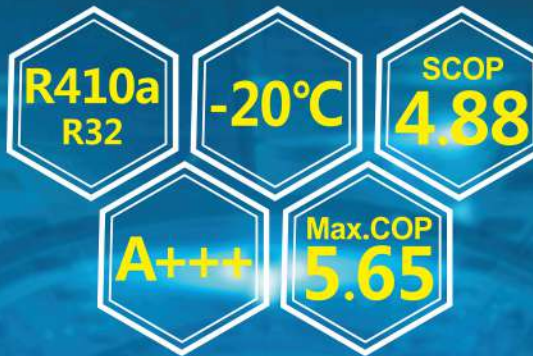
Professional heat pump manufacturer since 1999

New Monoblock DC Inverter Hot Water Heat Pumps

With ERP A+++ Energy Rating

Ambient Temperature: -20°C to 45°C
Heating Capacity: 9.5KW-32KW
Panasonic Rotary Compressor
CAREL Smart Controller
Heating and Cooling Modes

warmth.nz New Zealand exclusive distributor of sprsun heat pumps



warmth.nz

underfloor heating

Simply the best form of whole home heating!

0800 477 778

Why underfloor heating works so darn well

1. Your floor slab becomes your heat storage “battery”

- Your concrete slab has an amazing capacity to store heat energy – approx. 1kWh/m²
- Over a kilometre of evenly spaced water distribution pipes are laid throughout the slab to efficiently distribute the warmth



Water holds about 3,300 times more energy than an equivalent volume of air. Moving warm water through pipes in the slab (known as hydronic heating) gives you a warm floor and house.

A concrete slab has a much higher density than air and therefore is a good energy store that releases heat energy slowly over time.

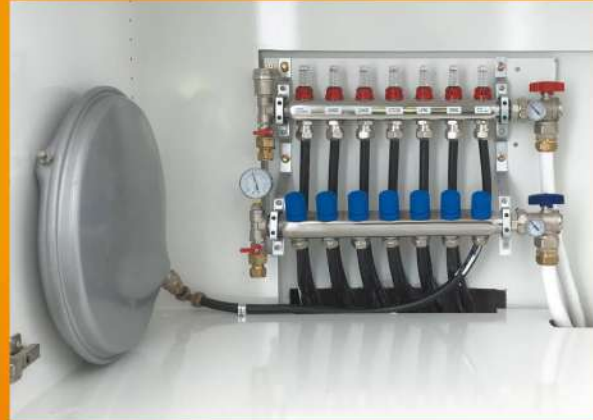
Slab edge insulation can significantly reduce heat loss from the slab and improve operating efficiency

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Simple & effective heat distribution

2. None of your home's rooms are ever cold...

- Warm water transfers heat energy to every room and heats the whole home gently and efficiently by an air-to-water heat pump
- When your floor is warm your whole house takes on that heat delivering you remarkable comfort



Control manifold for water distribution in slab

Easy control



A programmable thermostat enables you to set the temperature to your own level of comfort and helps with energy savings. It is simple.

Quality and reliable heat pumps

3. Your running costs are minimal

- This system's total seven year costs for both capital and running costs make it the LOWEST cost option
- Our system can be run in the daytime or nighttime according to how you wish



SPRSUN heat pumps:

- Available in powder coat or stainless steel casing
- Reversible for cooling
- Super efficient and highly reliable
- Five-year warranty for the whole system

How can solar photo voltaic power pay for itself:



Multiply your solar generated power by 4 and store as heat energy in your floor slab. – **Battery #1**

Store it also in your hot water cylinder – **Battery #2**