

RENEWABLE HOT WATER

SAVE MONEY
SAVE THE PLANET



*Eco Green
& Clean*



ABOUT

Eco Green & Clean are making it easier and cheaper than ever to get hot water.

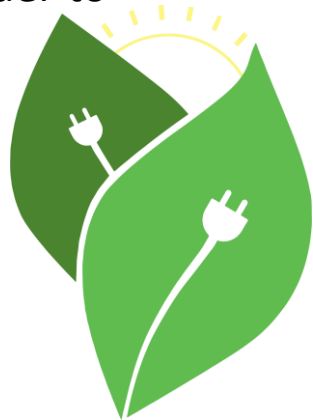
The system will work in **any weather**, whether it be rain, wind, sunshine or snow, in temperatures as low as -8°C.

New developments throughout the system have been essential to boosting the performance and power to create new levels of efficiency in even our worst weather!

The ThermoPower is designed to simply take over from your existing hot water heating. It automatically transfers the FREE Energy from the climate to heat up your hot water cylinder. The dual panels system provides exceptional DAY and NIGHT performance.

A simple retrofit can simply upgrade your existing water cylinder to create a renewable hot water system.

We can harness the FREE energy found in the climate and generate renewable hot water.



WHAT OUR CUSTOMERS SAY:

**“OUR TERMOPOWER HAS
PRODUCED ALL OUR HOT
WATER SINCE THE DAY IT
WAS INSTALLED!”**

THERMOPOWER

Upgrade Your Home

- Switch off your existing system and allow the ThermoPower to take over.
- Reduce your carbon footprint by significantly reducing your energy usage.
- Lower your heating costs by moving away from costly energy sources.
- Add value to your property by introducing renewable hot water.
- Protect against increased energy bills with a low energy system.
- Enjoy day or night automatic reheating with 24hr variable temperature settings.
- Feel good about renewable – the more you use the more you save!



When installed to your existing system, the ThermoPower can take over creating ALL of your domestic hot water. You can simply leave your existing system as a secondary heat source if needed, and allow the ThermoPower to generate renewable hot water for your home.

Where does the ThermoPower unit fit?

The ThermoPower unit is fitted as close to your existing or new hot water cylinder as possible. Ideal location will be established during your survey.

Where do the panels go?

The two panels are mounted externally in order to be exposed to all the natural elements. They can be fitted on a pitched roof, flat roof, vertical wall, or ground mounted.

What about my existing heating?

Whatever your heating system is – Gas, Oil, Electric or LPG - you can leave it in place but switch it off, just add the ThermoPower and it will take over making all your hot water.

“We don’t believe that any other system comes close to the ThermoPower!”



WHERE DOES THE HEAT COME FROM?

DAY & NIGHT HOT WATER FROM NATURE'S FREE ENERGY

The ThermoPower works by harvesting FREE energy from the weather, and transferring it to your hot water cylinder.

An Ozone friendly refrigerant, which has a boiling point of -26°C , flows through the panels and back to the ThermoPower unit. The refrigerant leaves the ThermoPower unit as a cold liquid, as it passes through the panels the refrigerant absorbs heat energy and changes from a liquid to a 'super-heated' gas.



On returning to the ThermoPower unit, the gas is compressed back to a liquid, and the heat energy is transferred directly to your hot water. The panels are made from aluminium, which is both lightweight and an excellent conductor of heat. The dual panels have a large surface area which increases the energy transfer to the refrigerant liquid. Energy is efficiently transferred not only the air temperature, but also the wind, rain, sunlight and even the snow, into the refrigerant.

Understanding that multiple natural elements create energy transfer is key to understanding that this system works day and night. The energy from our atmospheric conditions are present 24hrs a day, which is why the ThermoPower continues to function efficiently day or night.



UPGRADE TO RENEWABLES

Simple fit to your existing cylinder

If you have a suitable cylinder, you can simply leave your existing cylinder and heating system in place, and add a ThermoPower system to take over the generation of ALL of your hot water requirements. Your existing heating system simply becomes a back-up.

Improve your existing cylinder

If you have a very old cylinder, or want to improve your home to a pressurised system, then you can chose to have a new top quality cylinder installed along with your new ThermoPower System.

Add a new cylinder

If you don't have a hot water cylinder in your home, then you can choose to have a top quality pressurised system installed to allow the ThermoPower to generate all your hot water needs. There is no change to existing your boiler!

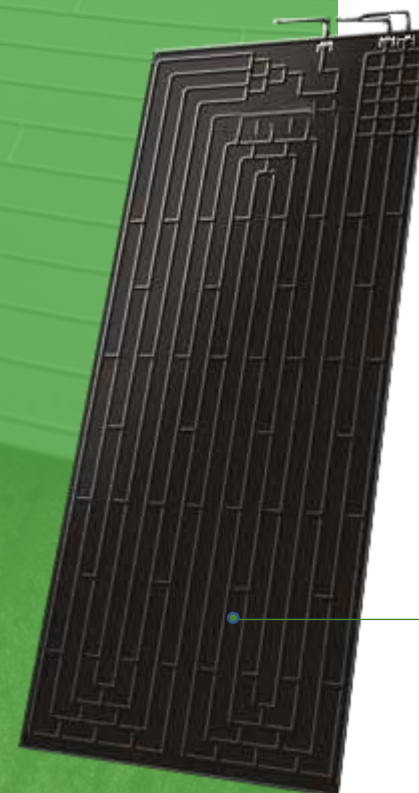


• THERMOPOWER CONTROLLER

Cover	Cold Rolled Steel
Chassis Base	Galvanised Steel
Dual Panel Thermal Power (Max)	2690w
Consumption (Rated)	444w
Sound Level	<41 dBa
Power Supply	230-50 V/Hz
Operating Current (Max)	13 amps
Pre-set Water Temperature	53°C
Maximum Water Temperature	60°C
Hydraulic Connection (Inlet/Outlet)	3/4" - 3/4"
Max Operating Water Pressure	8 Bar
Operating Temperature Range	-8 ~ 40 °C
Refrigerant Connection (Inlet/Outlet)	3/8" - 1/4"
Refrigerant Charge (134A)	1400g
Disinfection Cycle (Auto)	Weekly
Protection	IP21
Dimensions	500x400x260 mm
Weight (Pre-Charged)	39 Kg
Warranty	2 years

• THERMOPOWER PANELS

Material	Aluminium
Finish	Powder Coated
Material Thickness	2mm
Height	2000mm
Width	800mm
Frame Depth	25mm
Pre-Drilled Fixing points	6
Weight	8.9kg
Panel Design	Patent Pending
Warranty	10 years



INSTALLATION

Our aim is that you are so impressed with the installation to your property that you recommend ThermoPower



Your installation team will arrive with everything necessary for a swift and efficient installation. Fitting a ThermoPower system is usually a single day process, where new cylinders are fitted this may increase.



Eco Green & Clean run full training courses for the installation of this system. Technical support is always available to installers through phone, live chats and various technologies.



Only qualified engineers can install the ThermoPower system. Registration of the installation online will generate a warranty certificate directly to the end customer.



THE PROCESS

You will be professionally guided through every stage of the process. Our success depends on our customers being delighted with their new ThermoPower system, and the service we provide before, during and after every installation.

“Ordering my ThermoPower was simple, the install was exactly as discussed and fitted in a day – fantastic!”



PROPERTY SURVEY

A bespoke property survey is carried out for every installation. This is part of the process to ensure that each installation is successful. The customer is included in selecting installation locations for the panels and ThermoPower unit.

1



INSTALLATION PROCESS

Once an installation date is arranged, a timescale for the installation will be provided. Qualified engineers will carry out the installation based on the Property Survey.

2



SYSTEM COMMISSIONING

On completion of the installation all work will be recorded on a Commissioning document. The system will be set up for your property requirements, and you will be shown how the controls work.

3



FOLLOW UP CONTACT

Your feedback is essential to our success. You will be contacted to ensure that you are pleased with your ThermoPower system, and for any questions to be answered.

4

TESTIMONIALS

What our customers say



"The ThermoPower now makes all our hot water. We have a 210ltr hot water cylinder which gives us all the hot water we need for our family of four. The installation was fast and efficient and done in a day. I had my panels fitted in the back of the house where they are exposed to the wind and rain."



"I added a ThermoPower system to my existing hot water cylinder. Installed in a day my ThermoPower provides all the hot water for my home. This brilliant upgrade product gives me renewable hot water day and night."



"We took the opportunity to change our vented system to a pressurised system. At the same time the cylinder was moved up into the roof space so we now have a big airing cupboard that we never had before. The ThermoPower generates all of our hot water, and the pressurised cylinder gives us fantastic pressure throughout the house. Great system!"



"The day I had my ThermoPower system installed I turned my oil off for my domestic hot water. We are an active household of 2 adults and 2 teenagers, so I would say we are high users of hot water. Even in the freezing weather we always have hot water. To be honest we probably use more hot water now because we know it is cheap and renewable."