

THERMODYNAMIC PANELS

The latest in hot water heating has arrived. No longer will you have to turn on your oil, your immersion or light a fire to ensure you have hot water for a bath or shower. In fact your oil can be completely disconnected from your cylinder along with your immersion! Every time you turn on the tap you are guaranteed to have piping hot water 24/7 each and every day of the year in any weather conditions be it rain, snow, hail, sunshine.....night or day!

Benefits of this amazing technology

- **HOT WATER ALL YEAR ROUND**
- **NO NEED FOR OIL OR GAS OR IMMERSION**
- **WORKS DAY & NIGHT**
- **SEI GRANT APPROVED**
- **WORKS IN RAIN, HAIL OR SHINE**
- **PRODUCES 55°C ALL YEAR ROUND**
- **SUITABLE FOR NEW OR EXISTING HOMES**
- **HOT WATER WHEN YOU NEED IT - EVERY TIME**
- **QUICK INSTALLATION – LESS THAN A DAY**



HOW DO THEY WORK?

These panels work in much the same way your standard fridge works, using the same technology and components. They use the same eco-friendly gas, the same compressor and most other common parts you'll find in any standard fridge.

Normal solar panels require daylight and sunlight. These panels work using the outside temperatures to generate the hot water. In fact Thermodynamic panels can work in temperatures as low as -20°C.

The panels can be installed in new or existing homes, farms, B&B's, nursing homes, sports clubs, deli stores, commercial units – anywhere hot water is required.

Frequently Asked Questions:

Will I save money by installing this system? Thermodynamic panels can produce your hot water for approx. €70 - €80 annually. Also as the oil/gas is disconnected from your cylinder you can save up to 1/3 of your oil/gas costs annually.

How long are these panels in existence? Thermodynamic panels have been installed since the 1990's in Portugal and Spain. They have been installed in the UK and Ireland over the past 4 years.

Where are they manufactured? They are made in Portugal for the last 22 years to the highest standards and are fully CE approved.

How do I know they will work in my home? These panels can work in conditions above -20°C. Even the coldest snap we have experienced in Ireland has not reached below -12°C. They will work on East, South or west facing roofs-normal solar requires South facing roofs only.

How many are installed in Ireland so far? There are over 90 installations and counting in Ireland. Site visits and customer meetings can be arranged easily to answer any other questions you may have.

Can I see a system that's installed in my area? We can arrange a home visit with numerous clients who are more than happy to show their system to interested parties.

Comparison with normal solar systems

Flat plate/evacuated tube systems

Provide up to 70% of your hot water

Must be mounted on South facing roofs

Need oil, immersion or gas backup

Need daylight or sunlight to perform

Approx. €4,700 to €5,500 installed

Thermodynamic Panels Systems

100% of your hot water

Mounted on East, West or South roofs

Do not require oil or any backup

Work day & night, rain hail or shine

€5,000 installed inc. VAT, etc.

Who are Thermasol?

Thermasol are a family run company located in Laurencetown, Ballinasloe. We are in business for over 12 years, comprise engineers and plumbers and have a showroom located in Laurencetown. We have numerous systems installed and running in our showroom so members of the public can view and inspect how these systems work including the Thermodynamic system.. We recently won the Impact Media Elevate Award for Business in 2008. We specialise in Thermodynamic solar systems, underfloor heating, heat recovery systems and energy efficient design and installations including BER energy ratings and air leakage tests for dwellings.

[Visit our website for more information on www.thermasol.ie](http://www.thermasol.ie)

[Follow the link on the website to see a recent TV3 interview explaining the Thermodynamic system](#)

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