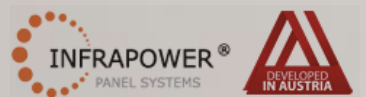


INFRARED HEATING PANELS



WHAT IS INFRARED?

- ✓ **Infrared** is a type of radiation, beyond the visible spectrum, that when absorbed will cause an object to heat up.
- ✓ **Infrared** accounts for 80% of the warming of the earth from the sun and explains why we can feel the sun's rays even in the depth of winter.
- ✓ **Infrared radiation** is 100% safe and is proven to have many health benefits.



WHY IS INFRARED USED FOR HEATING?

- ✓ Not reliant on convection, therefore this type of heating is not directly affected by draughts.
- ✓ No hot or cold spots, as is often the case with convection heating.
- ✓ Has been proven to reduce potentially harmful damp and mold within the home.
- ✓ **Infrared** is a highly efficient method of heating, which can save you £'000s on your heating bills.
- ✓ Heating through radiation doesn't kick up any dust or allergens, making it the idea solution for allergy sufferers.
- ✓ **Infrared** creates the ideal heating environment - no more stuffy rooms!
- ✓ Due to the lack of moving parts, **Infrared heaters** are maintenance free as well as being easy to install.





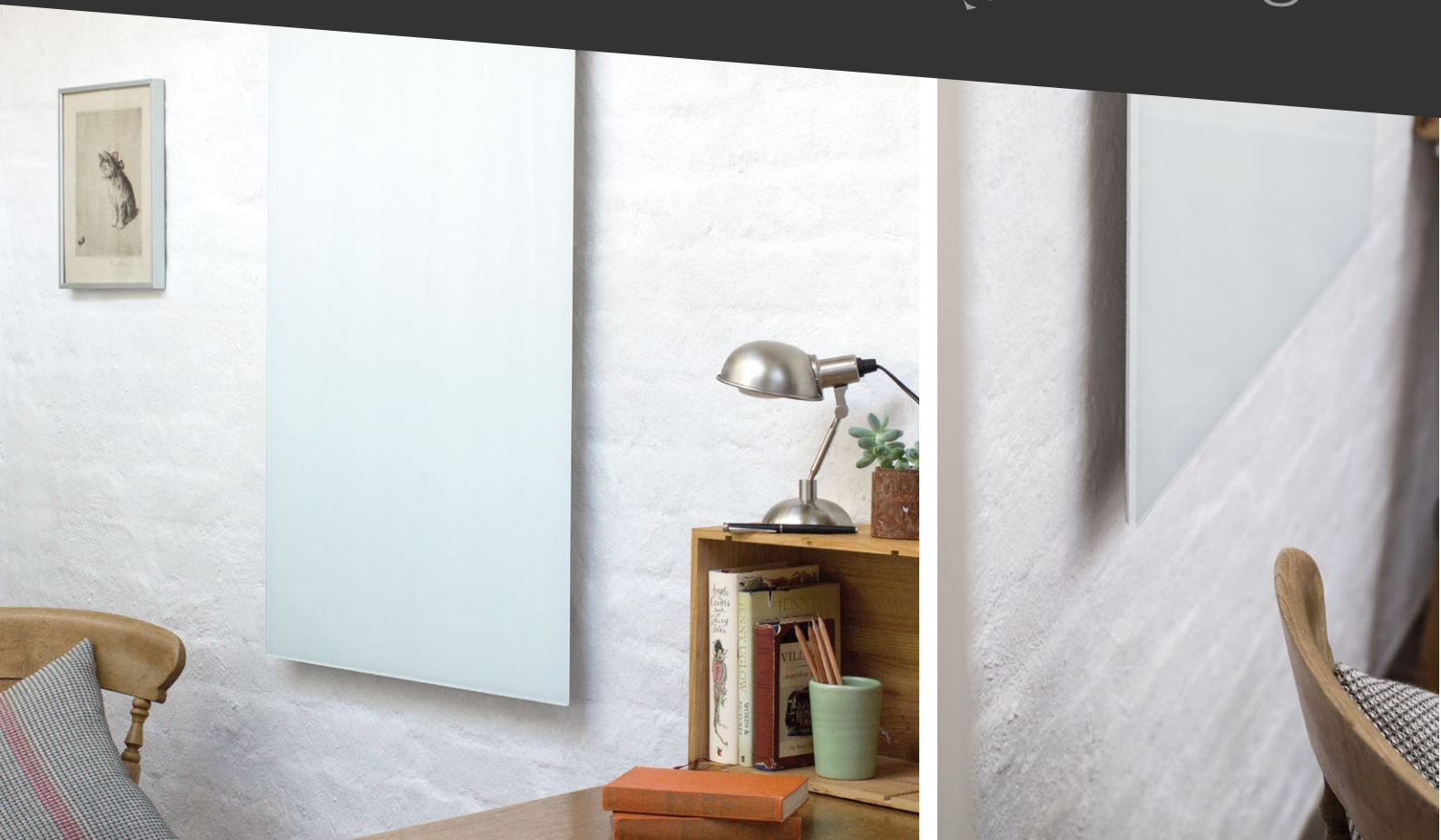
IS IT SUITABLE FOR MY HOME?

- ✓ **Infrared heating panels** are ideal replacements for electric convector heaters, electric boilers and storage heaters.
- ✓ They provide the perfect supplementary heat to compliment your current gas heating system.
- ✓ Well insulated homes require around 50 Watts / m2 when situated on the ceiling or 60 Watts / m2 when on the wall.
- ✓ Poorly insulated homes required around 100 Watts / m2 situated on the ceiling or 120 Watts / m2 when on the wall.
- ✓ **Infrared heating panels** can be used in conjunction with your Solar PV system, through the use of an Optiplug. This ensures that minimal generated electricity is exported to the grid and is instead used to heat you home at no cost.

WHAT ABOUT THE INSTALLATION?

- ✓ Ideally, our **Infrared heating panels** are fitted onto the ceiling. This gives them scope to heat a larger area than if installed on the walls. However, when placed on the wall try to position them as high as possible.
- ✓ An qualified electrician should be used to hardwire them into the circuit.
- ✓ **Infrared heating panels** work best when functioning with a wireless thermostat.
- ✓ If the panel is smaller than 600W, we recommend having them at least 1.0m (over 3 feet) high and panels larger than 600W, should be positioned at least 2.0m (6 to 7 feet) high.
- ✓ **Infrared heating panels** reach temperatures up to 80oc, so do not touch or have objects too close to them.





WHAT ARE THE PRODUCTS AVAILABLE?

- ✓ **Herschel range:** which are designed and manufactured in Germany by a company who specialise in heating systems for Mercedes, Porsche and Audi. They use parts that are 100% unique to the market and deliver an exceptional efficiency performance level.
- ✓ **Infrapower heating panels:** provide a more economical option. These panels are designed in Austria and give fantastic results without compromising on aesthetics.
- ✓ **Ariem panels:** bring a storage option to the infrared market, with their memory core they are the perfect alternative to storage heaters using economy 7.
- ✓ **The outside range:** is perfect for those lovely outdoor evenings that turn into nights. These outdoor infrared heaters will keep you warm with minimal wasted energy.

