

HERSCHEL[®]

INSPIRE far infrared heaters

The future of heating – today

Developed & manufactured in the EU under strict European quality standards

TECHNICAL DATASHEET

Herschel INSPIRE - The new range of quality Far Infrared heaters
from the market leader: Herschel Infrared Ltd
www.herschel-infrared.com



HERSCHEL[®]

INSPIRE White

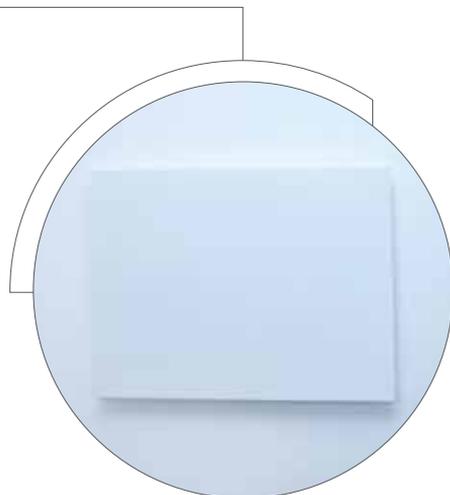
(Frameless)

INSPIRE WHITE Far Infrared heaters operate at a fraction of the cost of traditional heating but offer higher thermal comfort levels.

The **INSPIRE WHITE** Far Infrared heaters are energy efficient and a great space-saving heating solution made from high-quality materials.

This range of heating panels is designed to complement any environment, and are suitable for both domestic and commercial installations.

The heated areas are a guide only and assume a medium to well insulated space with an average floor to ceiling height of 2.40M. If room heights are greater or there are other building factors to consider then please fill out the quote form under the Customer Service section of the Herschel website or contact your dealer directly so that a more detailed assessment can be carried out.



TECHNICAL DETAILS

SURFACE:	Aluminium, powder coated
COLOUR:	White
REAR PANEL:	Sheet steel, powder-coated, mounting points
FRAME:	Frameless
SURFACE TEMPERATURE:	App. 85° C - 95° C
VOLTAGE:	230 V, 50 Hz
PROTECTION CLASS:	IP 54
INSTALLATION:	Wall or ceiling mounted <small>*For ceiling mounting, use suitable fixings or connect to ceiling joist to secure the heaters safely.</small>
CERTIFICATES:	     
WARRANTY:	10 - years

UP TO **60%** IMPROVED HEAT EFFICIENCY

AVAILABLE MODELS

Model	Part No.	Dimensions	Weight	Rated Power	Heated Area
INSPIRE WHITE	CL-200	60 x 30 cm	3,5 kg	250 W	3 - 5 m ²
	CL-300	90 x 30 cm	5,0 kg	350 W	4 - 7 m ²
	CL-400	60 x 60 cm	6,0 kg	420 W	5 - 8 m ²
	CL-500	80 x 60 cm	8,0 kg	550 W	7 - 12 m ²
	CL-750	90 x 70 cm	9,8 kg	750 W	11 - 18 m ²
	CL-750L	170 x 40 cm	9,8 kg	820 W	11 - 18 m ²
	CL-900	100 x 80 cm	12,0 kg	900 W	13 - 22 m ²
	CL-1200	120 x 80 cm	15,3 kg	1200 W	17 - 29 m ²
	CL-1200L	160 x 60 cm	15,3 kg	1250 W	17 - 29 m ²



SIGNIFICANT ENERGY SAVINGS

Far Infrared heating panels offer owners an unprecedented level of control over their property's temperature and energy use.

Installations using our panels optimally zoned and controlled can save between 30 – 60% of the energy consumption of traditional solutions including gas, oil and other electrical solutions.

NO WASTED ENERGY MEANS EXACTLY THAT **100%** OF THE ELECTRICAL ENERGY USED BY THE HEATING SYSTEM IS CONVERTED INTO HEAT

6 REASONS WHY YOU SHOULD CHANGE TO FAR INFRARED HEATING

1 Far Infrared heating is 100% natural for our bodies and our well being. The human body is designed to accept and to emit infrared waves.

Far Infrared heating works on the basis of the gentle, long wave infrared which penetrates the air and heats solids. If you like the warmth from the sun then you will love the feeling you get from your new heating system.

2 Far Infrared heating does not heat air but the fabric of the building. It is different to more traditional heating systems that heat the air.

The fabric of the building can retain heat for longer, creating a better thermal comfort, so your property will not only be warmer and cosier, there will be less dust, and for asthma and allergy sufferers, less pollutants to breathe in.

3 Less damp and mould because Far Infrared heating warms walls and keeps them dry. This will mean there is no damp or mould to ruin your décor and all of the room will reach the same temperature.

4 Greatly reduced energy use. Experience shows that a sufficiently insulated building fitted with Far Infrared systems and controls can expect significant reductions in energy usage. Almost 100% of the electrical energy used by Far Infrared heaters is converted into heat.

Our Far Infrared systems offer owners an unprecedented level of control over their property's temperature and energy use, and offer higher thermal comfort levels. Compared with other gas, oil or electric solutions, Far Infrared heating saves between 30 – 60% of the annual energy usage.

5 Herschel Far Infrared heaters require no maintenance or servicing. Our heaters use solid state elements unlike water-based heating or fan-assisted systems, which often require servicing, inspection and repair costs. Herschel Far Infrared heaters and control products are certified to national safety standards.

6 Far Infrared heating is completely free of all carbon emissions and, when used with electricity produced by either wind or solar generated electrical energy, is one of the only heating systems that can truly claim to be 100% carbon free.

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