

## Infrared Heating Panels



## Maximum efficiency, excellent heating, lower energy costs

We provide a market-leading range infrared heating panels, and use the principle of solar radiation and provide comforting warmth to every room. You are able to heat just the rooms and spaces that you need ensuring that you can save a substantial amount of money in the process. They are very flexible and can be used to supplement your existing heating system or to replace it altogether. They can be controlled individually or together and totally scalable.

### Advantages of our Infrared heaters:

#### **comfortable to use**

Our infrared heaters enable a dust and bacteria free air; they keep interiors mould free, and are completely silent when in operation. In combination with optional room thermostats, infrared-heaters provide perfect heat according to your needs. Even in a single room several different thermal comfort zones can be generated.

#### **economical to run**

Our infrared heaters are up to 50% cheaper to purchase than conventional heating systems, and up to 70% cheaper to run. They convert 100 % of the energy consumed in comfortable warmth, heating quickly and accurately – without any service and maintenance costs. The walls remain dry and the insulation properties are improved in the long term.

#### **easy to install**

Our infrared heaters do not require piping - a socket is sufficient. The installation is done with screws to the wall, ceiling or mobile with the optional floor stands. Thanks to its design, the only 2.5 cm thick panels integrate into any living area.

#### **essential for a comfortable and healthy indoor climate**

Our infrared heaters promote a dust- and bacteria-free air, preventing the unpleasant dry breeze of convection heating. They keep the masonry work free of mold and operate completely silent. The temperature is evenly spread throughout the room. No more cold feet and hot heads.

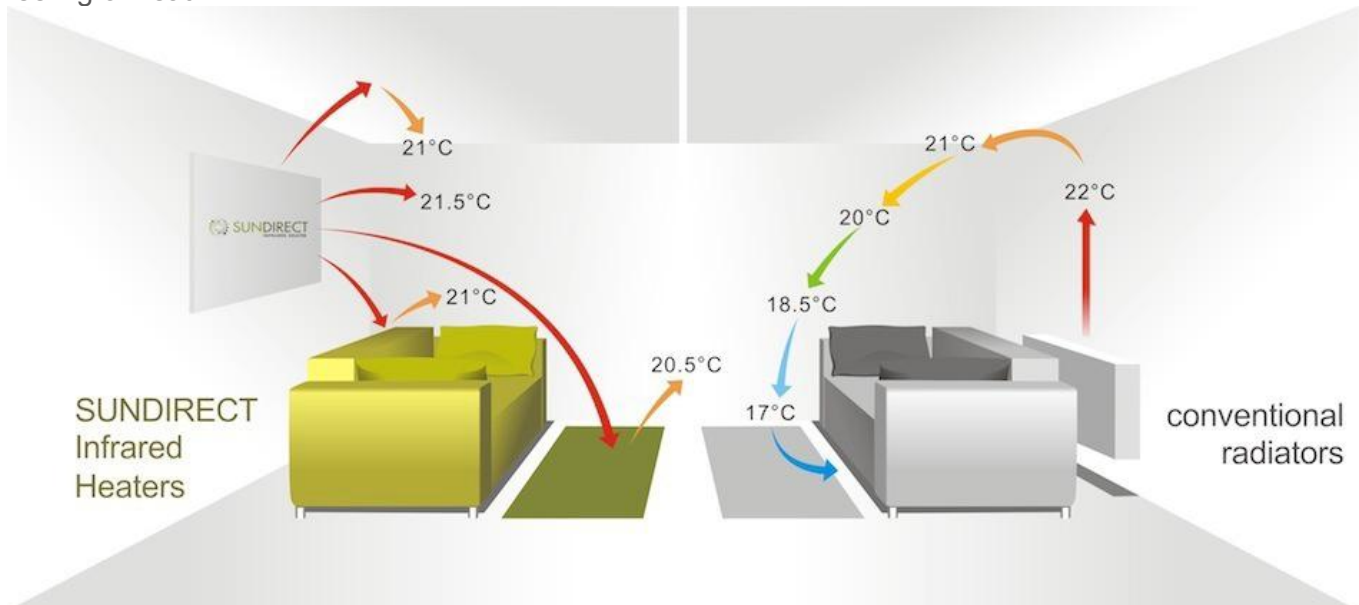
## Infrared Heating Panels

### Summary of benefits

- Controllable
- Scalable
- Directional
- Reduces airborne allergens
- 100% Efficient
- Maintenance free
- Doesn't alter the humidity
- Avoids Mould & Mildew
- Instant Heat
- Unlimited Zones
- Promotes Health
- Silent Operation
- Easy to install
- Clean - No Fumes or Smells
- Cures and Prevents Damp
- Reduces Energy Costs

### How they work:

Conventional heaters mainly heat the surrounding air, resulting in high air ventilation. The hot air will stay at the ceiling and the heat will be distributed unevenly. With infrared heaters the infrared radiation will be distributed uniformly in the room and absorbed by objects and walls. This creates an overall cozy and comfortable feeling of heat.



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### Products

#### Aluminium panels – white with frame

All standard panels are finished panels and ready to use. All necessary instructions and tools are included (mounting possible in 5 minutes).



| RS Stock No. | Size - L x W x H cm | Power (W) | Mounting     |
|--------------|---------------------|-----------|--------------|
| 875-0261     | 30 X 90 X 2.5       | 300       | wall/ceiling |
| 875-0270     | 30 X 120 X 2.5      | 400       | wall/ceiling |
| 875-0273     | 60 X 60 X 2.5       | 400       | wall/ceiling |
| 875-0277     | 60 X 90 X 2.5       | 600       | wall/ceiling |
| 875-0286     | 60 X 120 X 2.5      | 800       | wall/ceiling |

## Infrared Heating Panels

### Certification, technical information and quality

#### Certification



This certification shows that our infrared panels are made according to US and Canadian governments clearly defined regulations which products, especially electronics equipment must satisfy before they can be approved for sale.



With the CE marking we declare that the products meet the requirements of the applicable EC directives. All our infrared panels comply with the 'Low Voltage Directive' and the 'EMC Directive'.

#### Other Details:

HEATING ELEMENT: carbon-nickel with nano silver and nano copper technology  
FRONT: white powder coated metallic surface  
BACK: aluminium sheet with profiles for mounting  
CABLE: 3 m power cable (European plug type CEE 7/4 fitted)  
FRAME: white powder coated aluminium frame  
VOLTAGE: 230 V, 50 Hz

#### Quality & Safety:

- British Standards EN 60335-1 / EN 60335
- ISO 9001:2000 (Quality Management)
- ISO 14001:2001 (Environmental Management)
- CE certification by TUV Rheinland Germany
- TUV GS certification by TUV Rheinland Germany
- 5 integrated temperature sensors provide safety from overheating
- 2000 V proved (Hipot test)
- 5 year product warranty