



DATASHEET

Pro Heating PE Series

5 Years Product Warranty

SUNDIRECT Pro Heating PE Series

This series represents the premier choice for the majority of our customers. Due to their unique internal design these panels are even more cost efficient. There are several power ranges available which will be suitable for different types of applications. On top of that every panel is customizable to the needs of every customer.

The carbon crystal heating element

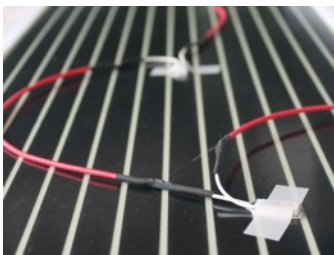
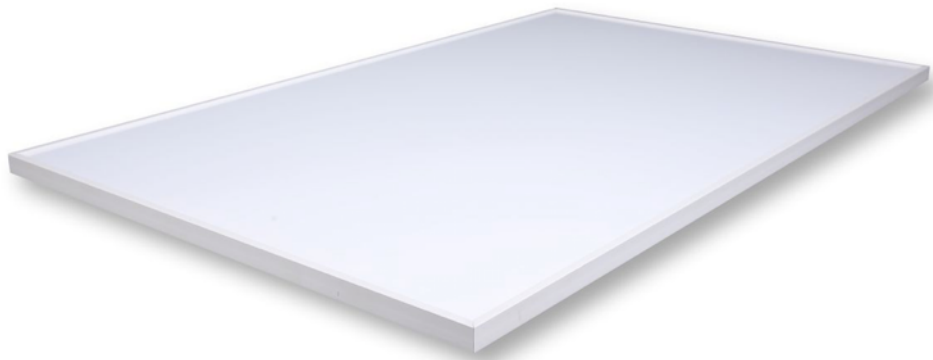
All SUNDIRECT panel heaters use a so called carbon crystal heating element which operates at a lower watt density to create a warm and comfortable feeling. On top of that it offers great energy efficiency and enhances performance. Compared to traditional heating elements, no electromagnetic radiation is created and a more even surface temperature is provided to ensure safety.

State of the art panel design

SUNDIRECT panel heaters have a white surface and white frames by default which ensure a great appearance. All panels live up to state of the art designs and provide simple mounting solutions.

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Pro heating PE series



Model	Size	Power	Frame	Mounting	Heated room size
PE270	30*90cm	270W	White frame	Wall/Ceiling	3-6m ²
PE350	60*60cm	350W	White frame	Wall/Ceiling	4-8m ²
PE540	60*90cm	540W	White frame	Wall/Ceiling	6-10m ²
PE700	60*120cm	700W	White frame	Wall/Ceiling	8-16m ²
PE1000	80*115cm	1000W	White frame	Wall	10-20m ²



Heating element: Carbon crystal heating element
 Insulation material: Fiberglass
 Reflection: Steel reflection layer with white finish
 Over heat protection sensors: 3pcs
 Plug: 2.5m standard EU Plug



Surface temperature: 85-95degree
 Energy efficiency: up to 95%
 Voltage: 220-240V, 50Hz
 Protection: IP44
 Life time: up to 100000hours on proper use



Notice:

Please separate the mounting solution for different models as per instruction.
 Use our online heating calculator (<http://www.sundirect-heater.com/technology/calculator>) to correctly design the heating system for each room.





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Glass Heating GD Series

5 Years Product Warranty

SUNDIRECT Glass Heating GD Series

SUNDIRECT glass infrared panel heaters are made from high quality toughened safety glass combining sophisticated design with optimum safety and energy efficiency. This sleek beautiful design will enhance your home or office with class and elegance but also guarantees an improved level of comfort.

Every room is different

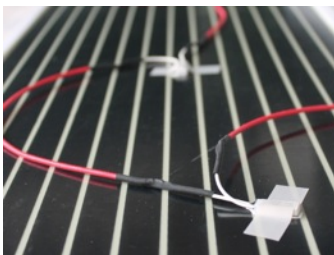
Our glass panels come in different sizes and power outputs to suit every requirement and is available in various colors. This series is perfectly suitable for modern decorations and the needs of the 21st century.

More control, lower costs

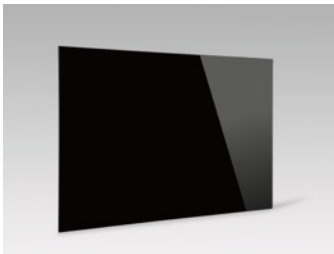
SUNDIRECT far infrared panels offer owners an unprecedented level of control over their property's temperature and energy use. Installations using our infrared panels save up to 55 percent of the energy consumption.

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Glass Heating GD series



Model	Size	Power	Frame	Mounting	Heated room size
GD350	66*66cm	350W	Frameless	Wall	3-6m ²
GD500	60*100cm	500W	Frameless	Wall	6-10m ²
GD700	70*130cm	700W	Frameless	Wall	8-15m ²



Heating element: Carbon crystal heating element
 Insulation material: Fiberglass
 Reflection: Steel reflection layer with white finish
 Over heat protection sensors: 3pcs
 Plug: 2.5m EU standard Plug



Surface temperature: 85-95degrees celsius
 Energy efficiency: up to 95%
 Voltage: 220-240V, 50Hz
 Protection: IP45
 Life span: up to 100000 hours with proper usage



Notice:

Please separate the mounting solution for different models as per instruction.
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Mirror Heating MD Series

5 Years Product Warranty

SUNDIRECT Mirror Heating MD Series

SUNDIRECT mirror heaters provide you with clear vision and warmth and are characterized not only by their elegance but also by their heating advantage. The mirror does not fog up under high humidity levels because of the very special characteristics of infrared waves. Therefore our mirror heaters are perfect for installing in your bathroom or spa apart from the fact that you can place it in any living environment as well.

Thin, stylish, frameless

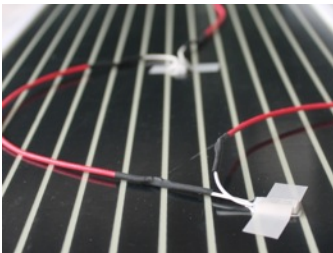
The frameless SUNDIRECT infrared heating panel is not only very thin but also extremely stylish. No matter the size you choose, the thickness of the panel remains the same. The heating panel adapts to the style of every room and disguises the fact that it contains a heating element in a very elegant way. Since it can be customized the panel looks absolutely amazing in any modern environment.

Slick and modern

The framed SUNDIRECT infrared heating panel comes with a thin frame offering a customizable alternative to the frameless version. The panel maintains its stylish and modern design while it provides you with even more options.

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Mirror Heating MD series



Model	Size	Power	Frame	Mounting	Heated room size
MD300	66*66cm	350W	Frameless	Wall	3-6m ²
MD500	60*100cm	500W	Frameless	Wall	6-10m ²
MD700	70*130cm	700W	Frameless	Wall	8-15m ²



Heating element: Carbon crystal heating element
 Insulation material: Fiberglass
 Reflection: Steel reflection layer with white finish
 Over heat protection sensors: 3pcs
 Plug: 2.5m EU standard Plug



Surface temperature: 85-95degrees celsius
 Energy efficiency: up to 95%
 Voltage: 220-240V, 50Hz
 Protection: IP45
 Life span: up to 100000 hours with proper usage



Notice:

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Round Heating RC500-W

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Model	Size	Power	Surface	Mounting	Heated room size
RC500-W	70*70cm	500W	Steel	Wall/ceiling	5-10m ²

Sundirect round panel heaters set themselves apart with their round and frameless appearance. The simple and modern design fit perfectly into modern living environments. Round panels are available with a white steel or mirror surface. Sundirect is one of very few companies on the market offering this unique design.

Heating element: Silicon heating wire
 Insulation material: Fiberglass
 Reflection: Steel reflection layer with white finish
 Over heat protection sensors: 3pcs
 Plug: 2.5m EU standard Plug

Surface temperature: 110-120degrees celsius on the wall
 Energy efficiency: up to 95%
 Voltage: 220-240V, 50Hz
 Protection: IP45
 Life span: up to 100000 hours with proper usage

Notice:

Please separate the mounting solution for different models as per instruction.

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DATASHEET

Round Heating RC350-M

5 Years Product Warranty

Model	Size	Power	Surface	Mounting	Heated room size
RC350-M	70*70cm	350W	Mirror	Wall	3-7m ²

Sundirect round panel heaters set themselves apart with their round and frameless appearance. The simple and modern design fit perfectly into modern living environments. Round panels are available with a white steel or mirror surface. Sundirect is one of very few companies on the market offering this unique design.

Heating element: Silicon heating wire
 Insulation material: Fiberglass
 Reflection: Steel reflection layer with white finish
 Over heat protection sensors: 3pcs
 Plug: 2.5m EU standard Plug

Surface temperature: 85-95degrees celsius on the wall
 Energy efficiency: up to 95%
 Voltage: 220-240V, 50Hz
 Protection: IP44
 Life span: up to 100000 hours with proper usage

Notice:

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DATASHEET

Thermostat



SD-T4001 acts as a basic plug-in thermostat. You simply connect the heater and the thermostat to control your room temperature resulting into energy savings.

Specification:

Output Voltage: 230V
 Switching Capacity: 3600W/16A
 Temperature settings: 5°C ~35°C
 Accuracy: +/- 0.5°C
 IP protection rating: 20
 Non-programmable



SD-T4002 acts as a programmable digital thermostat. It offers the so called "5+1+1 program" with 4 available time zones. You are able to hide the cable behind the wall to improve the appearance as well as gaining all the temperature and energy saving benefits.

Specification:

Output Voltage: 230V
 Switching Capacity: 3600W/16A
 Temperature settings: 5°C ~35°C
 Accuracy: +/- 0.5°C
 IP protection rating: 30
 5+1+1 programmable



SD-T4003 acts as a combination of the basic plug-in version together with a remote control. You can simply plug the panel and use the remote control to control the room temperature. It also offers the so called "5+1+1 program" with 4 available time zones.

Specification:

Output Voltage: 230V
 Switching Capacity: 3600W/16A
 Temperature settings: 5°C ~35°C
 Accuracy: +/- 0.5°C
 IP protection rating: 30
 5+1+1 programmable



SD-T4004 acts as a combination of a box receiver and a wireless remote control. The box receiver allows you to hide the cable behind the wall to improve the appearance as well as gaining all the temperature and energy saving benefits. It also offers the so called "5+1+1 program" with 4 available time zones.

Specification:

Output Voltage: 230V
 Switching Capacity: 3600W/16A
 Temperature settings: 5°C ~35°C
 Accuracy: +/- 0.5°C
 IP protection rating: 30
 5+1+1 programmable



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Accessories



Model: BC002

Using the ceiling mounting set BC002 enables you to hang the panel up to 1m below the ceiling. It's the perfect solution for areas which require the panel to be in a lower position.



Model: BC003

The ceiling mounting bracket guarantees easy installation for PE panels. Simply fix the bracket on the ceiling and install the panel. It allows you to mount the panel as close to the ceiling as possible.



Model: TR001/TR002

TR001/TR002 is made of stainless steel and acts as an optional accessory for the glass and mirror heater. By using the towel rail you can add a towel warmer trait to your glass and mirror heaters.

TR001 is for GD350/GD500/MD350/MD500

TR002 is for GD700/MD700



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