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Sundirect
Infrared heater
Catalog 2019/20

Sundirect Infrared Heater

Your perfect Heating solution!

Sundirect infrared heating systems are widely known as one of the most innovative heating solutions, which are widely used for various applications such as private households, schools, hotels, offices and other facilities.

Comfortable Heating

Sundirect infrared heating panels emit a very high ratio of radiant heat similar to the warmth of the rays of the sun. Rather than heating the air, infrared heaters warm objects directly creating a comfortable and cozy atmosphere. There won't be any dust circulation or air radiation like with convection heaters and the humidity in the room stays the same. No dry winter skin and eyes anymore! You will feel more comfortable in a shorter period of time.

Green Heating

Infrared heaters heat objects and bodies in range directly. These will store the thermal mass releasing heat slowly back into the room. This means you effectively need to heat less as the heat can't escape the room as fast as if you would just heat the air resulting in tremendous energy savings. Since they are running on electricity this also means they can be used in conjunction with renewable energies such as solar energy to reduce CO2 emissions even further.



A woman with long brown hair, wearing a white sleeveless top, is sitting on a grey couch. She is holding a smartphone in her hands and looking at the screen. The background is a bright, sunlit room with white curtains.

The smart heating control

Heating used to be boring, but not with our newest smart control infrared heating solution. As a pioneer in the development of the new generation infrared heaters, Sundirect new smart heater will be your perfect choice.

Sundirect's smart control systems are specifically designed to save energy, creating a convenient and user-friendly experience. Our smart controls are not just add-on thermostats, we are offering smart control systems that are specifically designed to use with our heaters with a built-in receiver on the backside of the panel. No need for bulky plug-in or box receivers that are complicated to connect anymore. You will have two choices of control systems with different functions both fully compliant with the EU ecodesign regulation(*ErP/Lot20*) and tested by TUV - Smart 1.0, Smart 1.0 Pro and SmartPlug.



7 Day Program

This function allows you to set up your very own heating schedule for each day of the week. Use different temperature settings e.g. for when you are at home, work or when you go to bed. Our 7 Day Program can save up to 15% of energy compared to manual control systems.

Available with Smart1.0, Smart1.0 Pro and SmartPlug.



Adaptive start

With Adaptive start the control system is learning how long the infrared panel heaters will take to reach the programmed temperature settings so the temperature is reached at the time you set. This means your heat will come on earlier so that the temperature is reached e.g. by the time you get up. With adaptive start you can save up to 2% of energy compared to manual controls.

Available with Smart1.0 and Smart1.0 Pro.



Open Window Detection

This function automatically detects a sudden temperature drop and will automatically make the heater to go into energy saving mode. Open window detection can save up to 4% of energy.

Available with Smart1.0 Pro.



WIFI

Our Wifi function allows you to control your heaters remotely from any iOS or Android device. You can easily monitor the heating status of your heater and modify the setting remotely from your mobile. The Wifi heating control allows you further energy savings of up to 10%.

Available with Smart1.0 Pro and SmartPlug.

Indoor Heating

Comfort.
Green.
Smart.



PE-Plus

White framed panel heater
Power: 350-1000W
Wall/Ceiling mounting



IC-Plus

Frameless panel heater
Power: 400-1100W
Wall/Ceiling mounting



GD-Plus

Glass panel heater
Power: 400-800W
Wall mounting



MD-Plus

Mirror panel heater
Power: 300-650W
Wall mounting



IC-Plus(ART)

Printing panel heater
Power: 400-1100W
Wall mounting



TH400 | TH600-Pro

WIFI controllable bathroom heater
Power: 400W/600W
Wall mounting



PE-PLUS Series

The Sundirect PE-Plus series is a basic version infrared heating panel and offers great value for money. The white aluminium surface and white powder coated frame offer a slim design suitable for residential and commercial installations. Our PE350-Plus and PE700-Plus panels can also fit standard ceiling grids with dimensions of 60*60cm and 60*120cm. All controls are covered with a 2 year warranty and the panels with a 5year warranty.

Features:

- Thin and timeless frame design
- Wall and Ceiling mounting
- Built-in thermostat receiver

Model	Power	Size	Mounting	Heated area
PE350-Plus	350W	60*60cm	Wall/ceiling mounting	3-7m ²
PE380-Plus	380W	30*120cm	Wall/ceiling mounting	3-7m ²
PE540-Plus	540W	60*90cm	Wall/ceiling mounting	5-11m ²
PE700-Plus	700W	60*120cm	Wall/ceiling mounting	7-14m ²
PE1000-Plus	1000W	85*120cm	Wall/ceiling mounting	10-20m ²



Specifications:

- Surface temperature: 85-95°C
- Voltage: 220-240V, 50Hz
- Cable: 1.9m length cable with plug
- Protection: IPX2



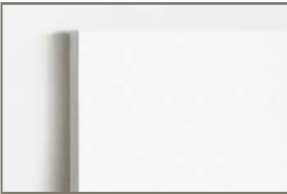
IC-PLUS Series

The Sundirect IC-Plus series is a premium version infrared heating panel. The white aluminium powder coating surface and smooth corner finish create an elegant design that perfectly integrates in any room interior. The special panel design ensures an even heat distribution throughout the entire panel surface up to the edges. This makes it one of the highest efficient frameless panels in the market. All controls are covered with a 2 year warranty and the panels with a 5year warranty.

Features:

- Premium frameless design
- Built-in thermostat receiver
- Easy-Fit mounting solution
- Wall and Ceiling mounting

Model	Power	Size	Mounting	Heated area
IC400-Plus	400W	60*60cm	Wall/ceiling mounting	3-7m ²
IC700-Plus	700W	62*98cm	Wall/ceiling mounting	7-14m ²
IC900-Plus	900W	68*123cm	Wall/ceiling mounting	9-18m ²
IC1100-Plus	1100W	63*153cm	Wall/ceiling mounting	11-22m ²



Specifications:

- Surface temperature: 85-95°C
- Voltage: 220-240V, 50Hz
- Cable: 1.9m length cable with plug
- Protection: IP44



GD-PLUS Series

The GD-Plus series is made from high quality safety ceramic glass combining sophisticated design with optimum heating performance. The nature of ceramic glass allows more infrared rays to pass through compared to regular safety glass. It is available in black and super white which is a true white. This glass panel has IP44 protection class making it suitable to use in bathrooms. All controls are covered with a 2 year warranty and the panels with a 5year warranty.

Features:

- Sleek and modern glass design
- Easy-Fit mounting solution
- Built-in thermostat receiver

Model	Power	Size	Mounting	Heated area
GD400-Plus	400W	66*66cm	Wall mounting	4-8m ²
GD600-Plus	600W	60*100cm	Wall mounting	6-12m ²
GD800-Plus	800W	60*120cm	Wall mounting	8-16m ²

Color: Super white/Black



Specifications:

- Surface temperature: 85-95°C
- Voltage: 220-240V, 50Hz
- Cable: 1.9m length cable with plug
- Protection: IP44



The MD-Plus series has a silver coated safety glass surface making it brighter compared to chrome coated mirrors. Sundirect's infrared mirror heaters are suitable for bathrooms as they do not fog up and provide a dual function being a heater and mirror at the same time. This mirror panel is IP44 approved. All controls are covered with a 2 year warranty and the panels with a 5year warranty.

Features:

- Dual function infrared heater with mirror surface
- Easy-Fit mounting solution
- Built-in thermostat receiver

Model	Power	Size	Mounting	Heated area
MD300-Plus	300W	60*60cm	Wall mounting	3-6m ²
MD450-Plus	450W	60*85cm	Wall mounting	5-9m ²
MD650-Plus	650W	60*120cm	Wall mounting	7-13m ²



Specifications:

- Surface temperature: 85-95°C
- Voltage: 220-240V, 50Hz
- Cable: 1.9m length cable with plug
- Protection: IP44





IC-PLUS(ART) Series

The IC-Plus(ART) series is the printing version infrared heater based on our IC-Plus ranges. You have the option to customize your infrared panel with any print of your choice. The UV printing above the white steel surface offers a unique and elegant design that seamlessly integrates into your home with a picture of your loved ones or a beautiful art print. All controls are covered with a 2 year warranty and the panels with a 5year warranty.

Features:

- ▶ Customizable sleek frameless design
- ▶ Easy-Fit mounting solution
- ▶ Built-in thermostat receiver

Images:





SMART 1.0

Smart1.0 is the wireless remote control thermostat that is specially designed to work together with the *Plus range* infrared heating panels.

With our Smart 1.0 control system you can now take full control of your heating and proactively save energy with our unique advanced features. You can pair one remote control with several panels in the same room and control all of them at once. It can be either surface mounted to the wall permanently or used as a remote control. With our easy set up design, you can set up the communication to the built-in receiver in just a few minutes. The Smart 1.0 remote control is powered by 2*AAA batteries.

Features:

- ▶ Modern touch screen design
- ▶ Easy set up
- ▶ 7days program on each day
- ▶ 5+2 program
- ▶ Adaptive start
- ▶ Holiday mode

Specifications:

- Power: Battery back-up.
- Control: Wireless via RF
- Operating temperature: 5-30°C
- Size: 86*123*20mm
- Frequency: 433MHz via RF
- Control distance: 35m in open obstacle
- Communicating models: PE-Plus/IC-Plus/GD-Plus/MD-Plus





SMART 1.0 PRO



Sundirect Smart1.0 Pro is the upgrade version wireless thermostat based on Smart1.0.

For even further energy savings and convenience we have developed Smart 1.0 Pro, a control system uniquely designed for our infrared heaters with WIFI function.

The Smart 1.0 Pro control system comes with a thermostat and also can be operated via the “Sundirect Smart” APP. It is compatible with all infrared heaters of the Sundirect *Plus range*. With our smart control system, you can take full control over your heating using the “Sundirect Smart” APP remotely from any iOS or Android device. You can pair one thermostat with several panels in the same room and control all of them at once in one APP. The Smart 1.0 Pro remote control must be wired to your home grid.

Features:

- ▶ Modern touch screen design
- ▶ Easy set up
- ▶ 7days program on each day
- ▶ Open window technology
- ▶ Adaptive start
- ▶ Holiday mode
- ▶ Wifi control via APP
- ▶ Group control via APP
- ▶ Voice controllable via Alexa or Google home

Specifications:

- Power: 220-240V, 50Hz
- Control: Wireless via RF
- Operating temperature: 5-40°C
- Size: 86*123*20mm
- Frequency: 433MHz via RF
- Control distance: 35m in open obstacle
- Communicating models: PE-Plus/IC-Plus/GD-Plus/MD-Plus





SMART PLUG

Sundirect SmartPlug is the plug version wireless Wi-Fi thermostat. It can be operated via the “Sundirect Smart” APP.

Smart Plug is compatible with all infrared heaters of the Sundirect *Plus range*. With our smart control system, you can take full control over your heating using the “Sundirect Smart” APP remotely from any iOS or Android device. You can pair one SmartPlug with several panels in the same room and control all of them at once in one APP.

SmartPlug is designed for plug&play, no wiring is needed, plug the SmartPlug in the wireless communication distance to the panel and you can start to enjoy Sundirect's smart heating control solution.

Features:

- › Modern touch screen design
- › Easy set up
- › 7days program on each day
- › Holiday mode
- › Wifi control via APP
- › Group control via APP
- › Voice controllable via Alexa or Google home

Specifications:

- Power: 220-240V, 50Hz
- Available plug: EU/Swiss Plug
- Control: Wireless via RF
- Operating temperature: 0-37°C
- Size: 118*65mm
- Frequency: 433MHz via RF
- Control distance: 35m in open obstacle
- Communicating models: PE-Plus/IC-Plus/GD-Plus/MD-Plus



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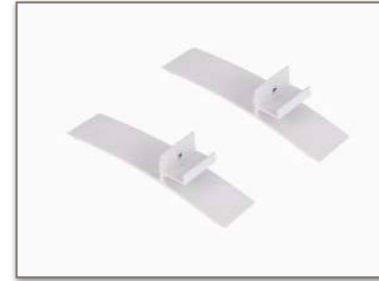
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ACCESSORIES



BS003

This lightweight Aluminium Feet Stand can be used with the PE series.



BS004

The Steel Feet Stand can be used with all indoor panel heaters. They are especially suitable for large and heavy panels as they provide a heavier base that cannot easily be pushed over upon contact.



TR001

The towel rail designed to use with the glass and mirror heater.



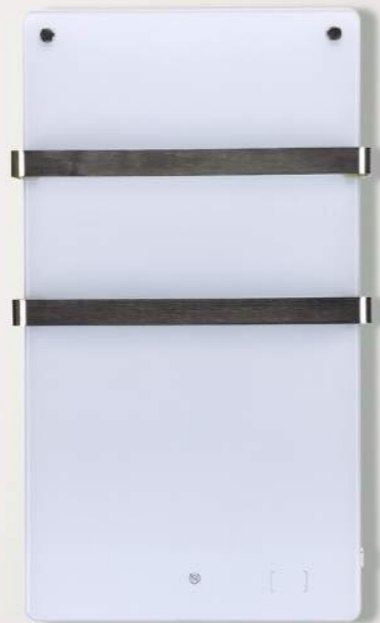
BC002

The Ceiling Mounting Cables for the PE series enable you to install the panel with up to 1m distance hanging from the ceiling.



BC004/BC005

The Ceiling Mounting Brackets for the PE series allow you to install the panel very close to the ceiling. Use BC004 for PE350/PE540/PE700/PE1000-Plus and BC005 for PE380-Plus.



TH400

Sundirect's TH400 infrared towel heater comes with two stainless steel towel rails. The white glass surface looks beautiful in every bathroom. This glass panel has IP44 protection class making it suitable to use in bathrooms. You can control the panel either by using the convenient and stylish touchscreen or using the Sundirect App remotely from your mobile device. All controls are covered with a 2 year warranty and the panels with a 5 year warranty.

Features:

- Modern white glass design
- 2 stainless steel towel rail included
- Touch screen control on glass
- Wifi control via APP
- Group control via APP

Specifications:

- Surface temperature: 75-85°C
- Voltage: 220-240V, 50Hz
- Cable: 1.9m length cable with plug
- Protection: IP44



Model	Power	Size	Mounting	Heated area
TH400	400W	44.5*86.5cm	Vertical wall mounting	4-7m ²



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TH600-PRO

Sundirect TH600-Pro is a premium bathroom infrared heater. Its innovative dual element design has a higher surface temperature of around 90-100°C on the top heating element and a lower surface temperature of around 70-80°C on the lower level. The lower level is mainly used for warming and drying towels and the higher level is used to heat the room. The white glass surface looks beautiful in every bathroom. This glass panel has IP44 protection class making it suitable to use in bathrooms. You can control the panel either by using the convenient and stylish touchscreen or using the Sundirect App remotely from your mobile device. All controls are covered with a 2 year warranty and the panels with a 5 year warranty.

Features:

- ▶ Modern super white glass design
- ▶ Touchscreen control on glass
- ▶ Dual heating element design
- ▶ One stainless steel towel rail included
- ▶ Wifi control via APP
- ▶ Group control via APP

Specifications:

- Voltage: 220-240V, 50Hz
- Cable: 1.9m length cable with plug
- Protection: IP44

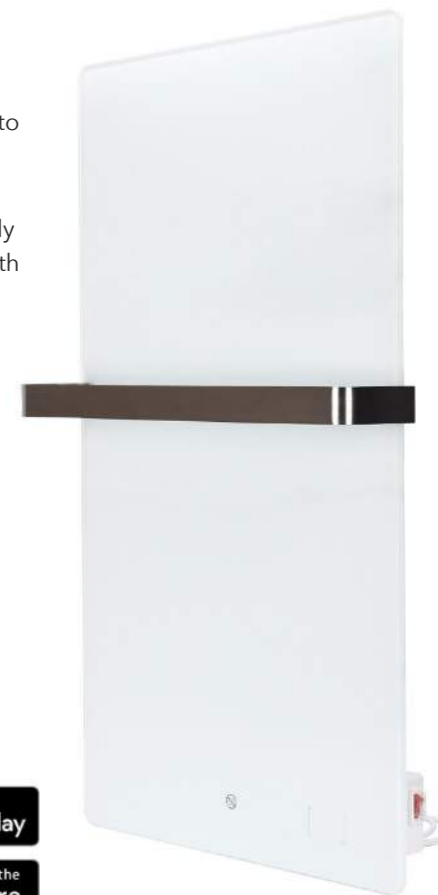
Model	Power	Size	Mounting	Heated area
TH600-Pro	600W	58.5*110cm	Vertical wall mounting	6-12m ²



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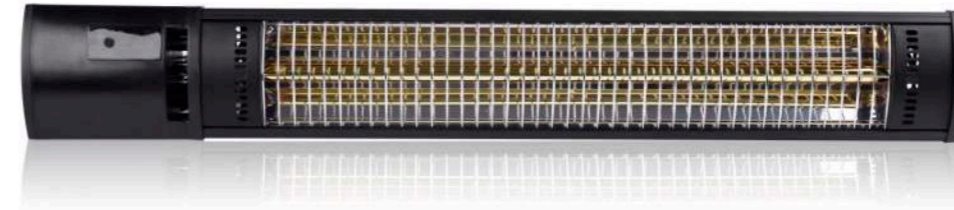
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Outdoor&Space Heating
Powerful.
Efficient.
Quick.



SC series
Infrared space heater
Power: 1800W/2400W
Wall/ceiling mounting



OC series
Infrared outdoor heater
Power: 2000W/2500W
Wall mounting



The stylish and innovative Sundirect Space Heating Series is specifically designed to heat large rooms and shielded outdoor areas such as reception areas, shops, hotels, churches, restaurants, bars, public halls, patios, terraces etc. Due to its high surface temperature, the infrared radiation is more efficient and can reach a distance of up to 4m heating up rooms very quickly. It takes less than 5 minutes to reach the maximum surface temperature. The SC series does not emit any glow, it is maintenance free, and it is the ideal solution to replace quartz and halogen heaters. The SC series comes with a 5 year warranty.

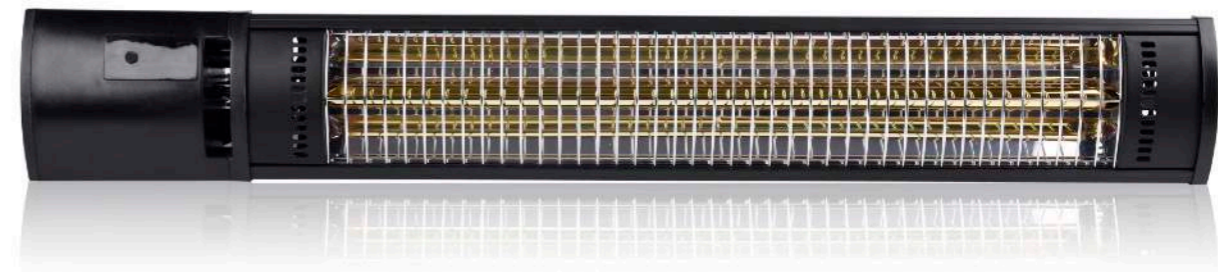
Features:

- Ideal heating solution for space and commercial heating needs
- No glow
- Wall/ceiling mounting

Model	Power	Size	Mounting	Heated area
SC1800	1800W	105*15*6.3cm	Wall/ceiling	8-12m ²
SC2400	2400W	135*15*6.3cm	Wall/ceiling	13-18m ²

Specifications:

- Surface temperature: 300-350°C
- Voltage: 220-240, ~50Hz
- Protection: IPX4
- Plug: No plug



The OC Series is a line of powerful heaters designed for outdoor use only. It is more powerful and offers more concentrated heating compared to our hybrid Space Heater SC Series. Its unique ultra low light carbon fiber heating element is the key difference compared to existing outdoor heaters on the market using mostly halogen or quartz. This grants a longer lifespan and higher energy efficiency. The OC Series emits long wave infrared creating a light glow and cozy warmth rather than excessive heat. The integrated control system allows operation of 2 power levels using a simple remote control. The OC series come with a 3 year warranty.

Features:

- ▶ Powerful outdoor heater
- ▶ Waterproof and suitable for windy open areas
- ▶ Ultra low-light carbon fiber heating element
- ▶ 2 power level remote control

Model	Power	Size	Mounting	Heated area
OC2000	2000W	72*12*12cm	Wall mounting	10-20m ²
OC2500	2500W	77*12*12cm	Wall mounting	12-25m ²

Specifications:

- Surface temperature: 300-500°C
- Voltage: 220-240, ~50Hz
- Protection: IP65
- Plug: 1.9m length cable with plug