INDOOR INFRARED PANEL HEATER

Catalog
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Sundirect Infrared Heater

Your perfect Heating solution!

Sundirect infrared heating systems are one of the most innovative heating solutions and 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 CO_2 emissions even further.
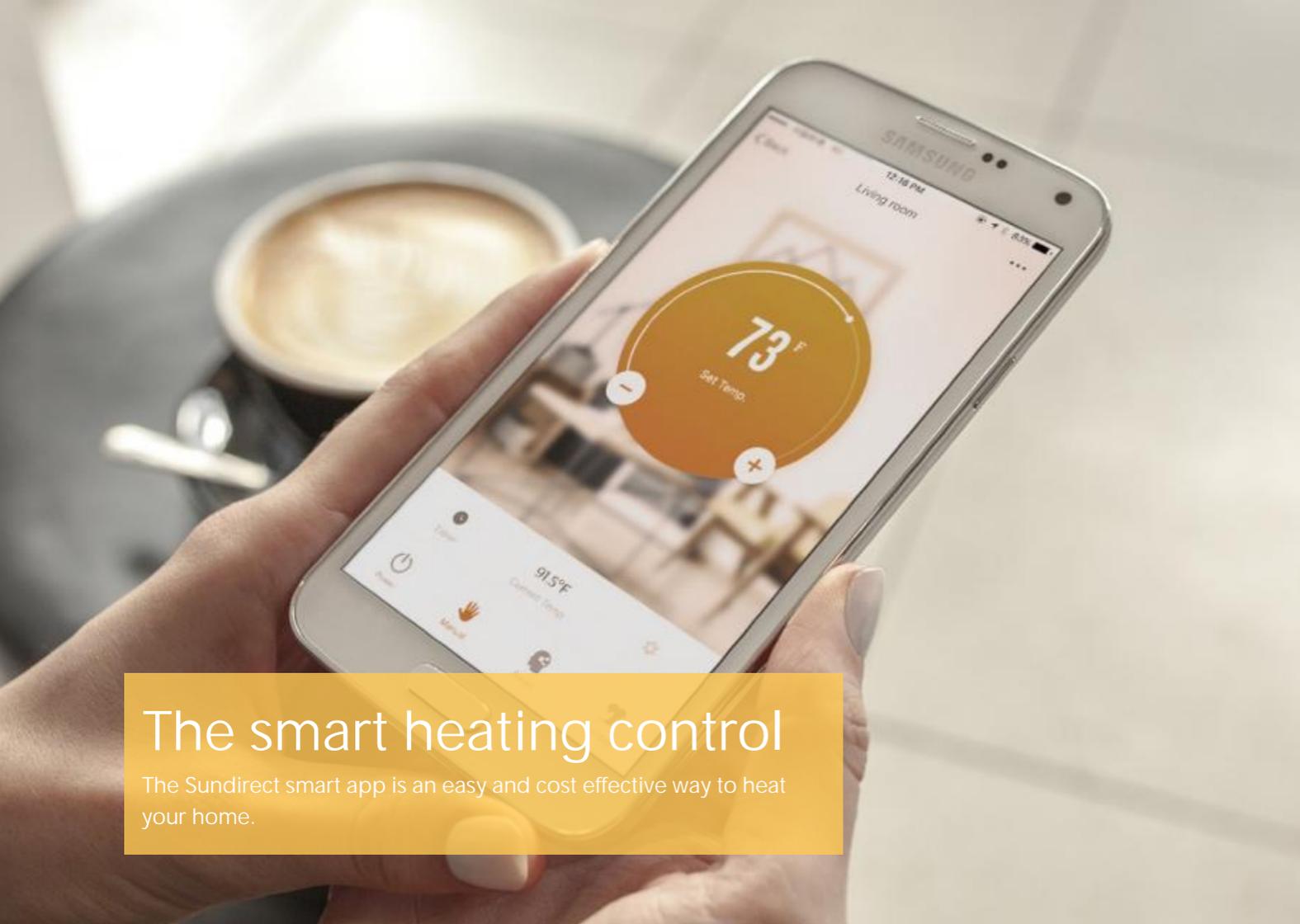
Sundirect's smart control systems are specifically designed to save energy, creating a convenient and user-friendly experience. Our smart controls are not just add-on thermostats, we are offering smart control systems that are specifically designed to use with our PLUS range heaters (with a built-in receiver on the backside of the panel). You will have several choices of control systems with different functions both fully compliant with the EU ecodesign regulation(*ErP/Lot20*) and tested by TUV - Smart 2.0, Smart 2.0 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 Smart2.0, Smart2.0 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 Smart2.0 and Smart2.0 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 Smart2.0 and Smart2.0 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 Smart2.0 Pro and SmartPlug.

The smart heating control

The Sundirect smart app is an easy and cost effective way to heat your home.
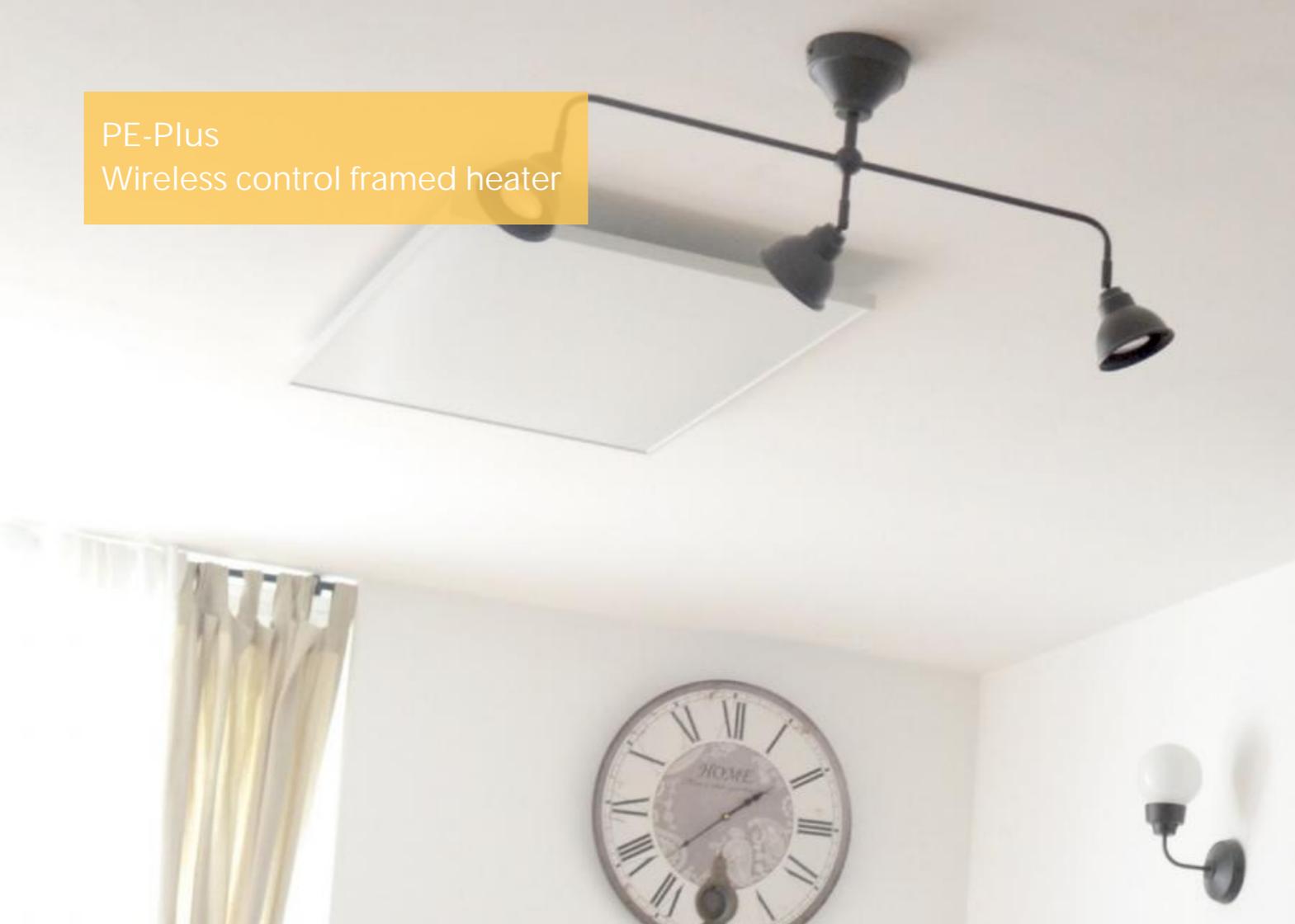
The Sundirect PE-Plus series is a basic version infrared heating panel and offers great value for money. The white Aluminium surface and white powder coated frame offer a slim design suitable for residential and commercial installations. Our PE350-Plus and PE700-Plus panels can also fit standard ceiling grids with dimensions of 60*60cm and 60*120cm.

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	3-7㎡
PE380-Plus	380W	30*120cm	Wall/ceiling mounting	3-7㎡
PE540-Plus	540W	60*90cm	Wall/ceiling mounting	6-12㎡
PE700-Plus	700W	60*120cm	Wall/ceiling mounting	7-14㎡
PE1000-Plus	1000W	85*120cm	Wall/ceiling mounting	10-20㎡

Specifications:
• Surface temperature: 85-95°C
• Voltage: 220-240V, 50Hz
• Cable: 1.8m length cable with plug
• Protection: IP44

IC-Plus
Wireless control frameless heater

The Sundirect IC-Plus series is a premium version infrared heating panel, it's also our best seller in the whole range. The white aluminium powder coating surface and smooth corner finish create an elegant design that perfectly integrates in any room interior.

Features:

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

Model	Power	Size	Mounting	Heated area
IC200-Plus	200W	40*40cm	Wall/ceiling mounting	2-4㎡
IC400-Plus	400W	60*60cm	Wall/ceiling mounting	3-7㎡
IC700-Plus	700W	62*98cm	Wall/ceiling mounting	7-14㎡
IC900-Plus	900W	68*123cm	Wall/ceiling mounting	9-18㎡
IC1100-Plus	1100W	63*153cm	Wall/ceiling mounting	11-22㎡

Specifications:

• Surface temperature: 85-95°C
• Voltage: 220-240V, 50Hz
• Cable: 1.8m length cable with plug
• Protection: IP44

IC900-Plus-Black
Wireless control blackboard heater
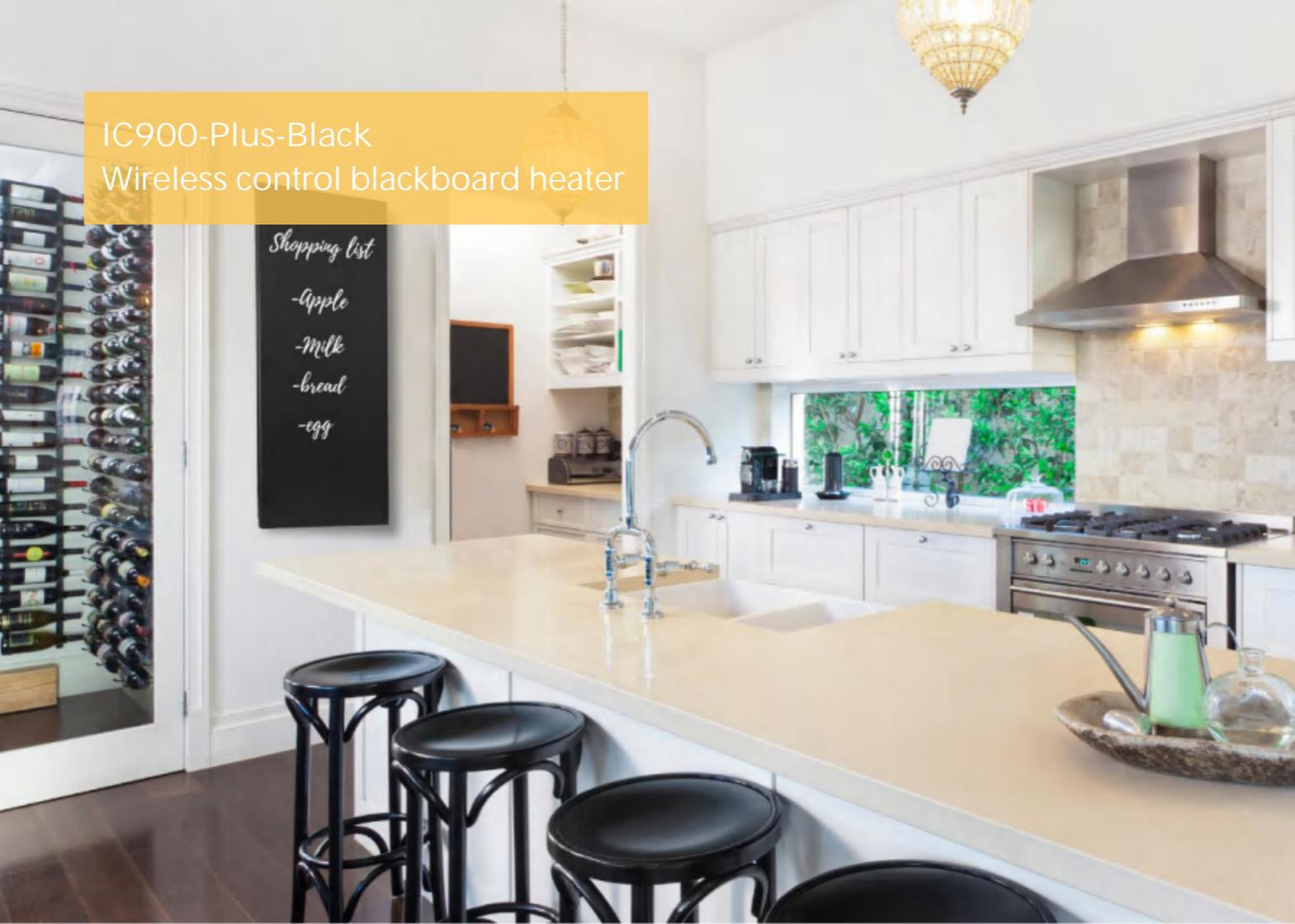
IC900-Plus-Black is our new wireless controllable infrared blackboard heater. This frameless panel heater has a special black surface which allows you to write on it with chalk. You can clean it easily with a wet cloth. Our black heater is a great design choice to use in kitchens or offices combining cozy warmth with functionality.

Features:
▸ Writable infrared heater
▸ Wall and ceiling mounting
▸ Easy-fit mounting solution
▸ Built-in thermostat receiver

| Model	Power	Size	Mounting	Heated area
IC900-Plus-Black	900W	70*125cm	wall/ceiling	9-18㎡

Specifications:
• Surface temperature: 85-95°C
• Voltage: 220-240V, 50Hz
• Cable: 1.8m length cable with plug
• Protection: IP44

GD-Plus
Wireless control glass heater

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.

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	4-8㎡
GD600-Plus	600W	60*100cm	Wall mounting	6-12㎡
GD800-Plus	800W	60*120cm	Wall mounting	8-16㎡

Color: Super white/Black

Specifications:
• Surface temperature: 85-95°C
• Voltage: 220-240V, 50Hz
• Cable: 1.8m length cable with plug
• Protection: IP44
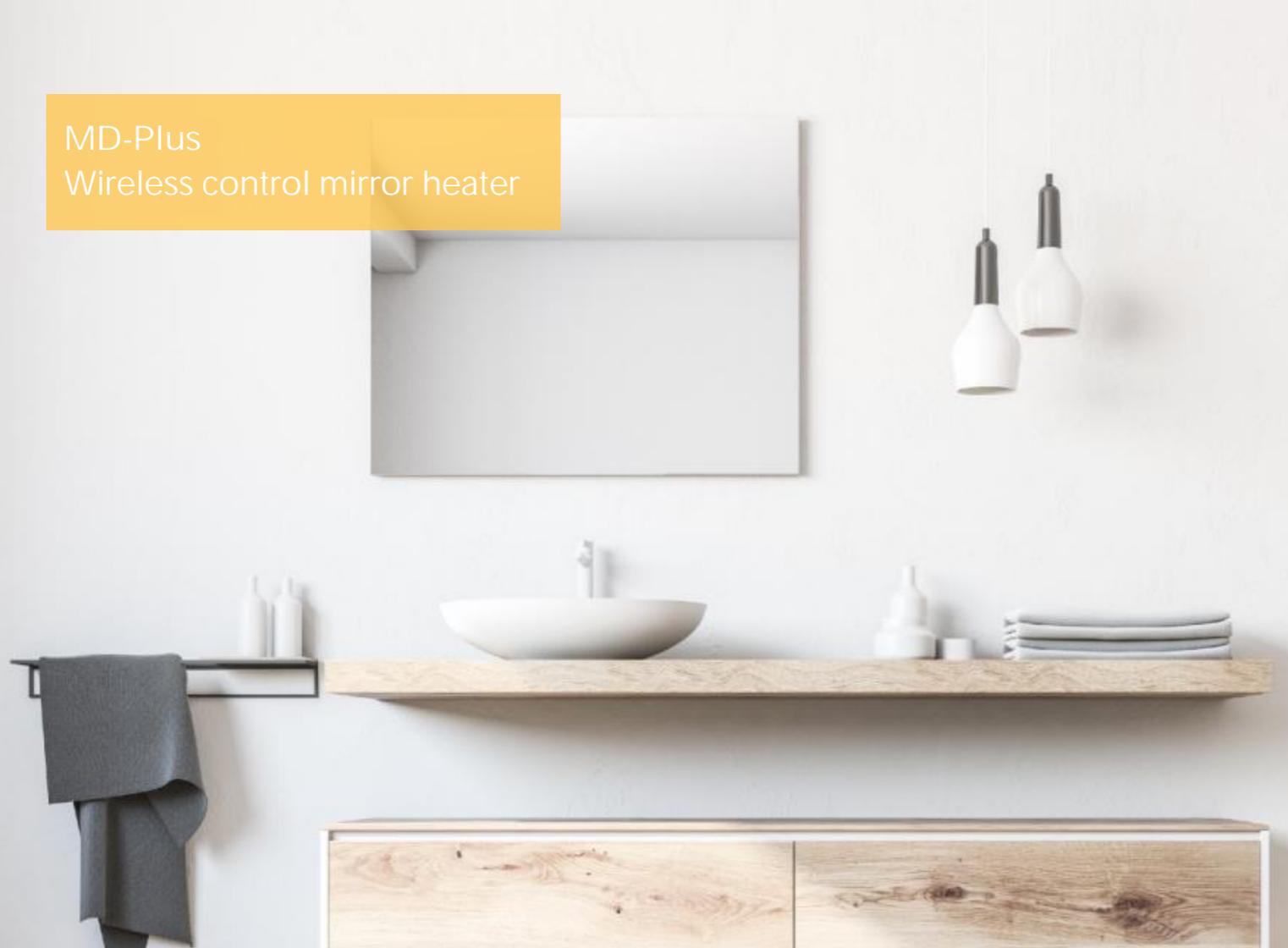
Sundirect's infrared mirror heaters are suitable for bathrooms as they do not fog up and provide a dual function being a heater and mirror at the same time. This mirror panel is IP44 approved so it's stumble to use in the bathrooms.

Features:

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

Model	Power	Size	Mounting	Heated area
MD300-Plus-V3	300W	60*60cm	Wall mounting	3-6㎡
MD450-Plus-V3	450W	60*85cm	Wall mounting	5-9㎡
MD650-Plus-V3	650W	60*120cm	Wall mounting	7-13㎡

Specifications:

• Surface temperature: 85-95°C
• Voltage: 220-240V, 50Hz
• Cable: 1.8m length cable with plug
• Protection: IP44

GD-Plus-Art
Wireless control picture heater
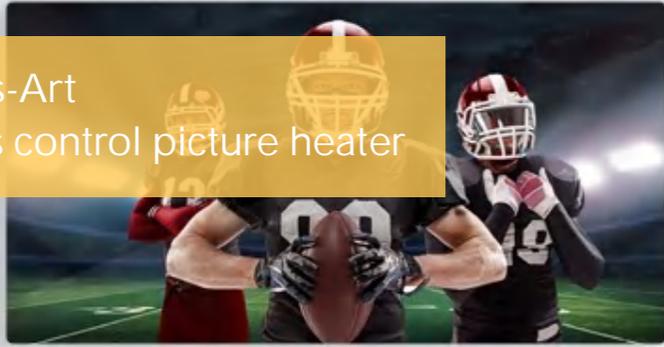
The GD-Plus(ART) series is the printing version infrared heater based on our GD-Plus ranges. You have the option to customize your infrared panel with any print of your choice. The UV printing above the white steel surface offers a unique and elegant design that seamlessly integrates into your home with a picture of your loved ones or a beautiful art print.

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

Images:
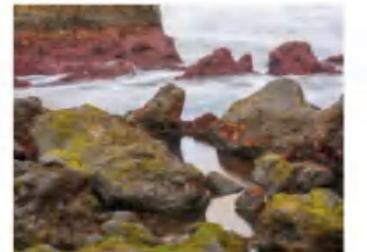
Smart2.0
Wireless thermostat for Plus heater

Smart2.0 is the wireless remote control thermostat that is specially designed to work together with the *Plus range* infrared heating panels.

With our Smart 2.0 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 2.0 remote control is powered by 2*AA batteries.

Features:
‣ Modern touch screen design
‣ Easy set up
‣ +/-0.1 degree temperature accuracy
‣ 7days program on each day
‣ Energy saving features: open window
    detection/ adaptive start
‣ Holiday mode
‣ Group control

Specifications:
• Power: Battery back-up.
• 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: All the "Plus" models
• Max 10pcs "Plus" panel by one controller

Smart2.0-Pro
## Wifi thermostat for Plus heater
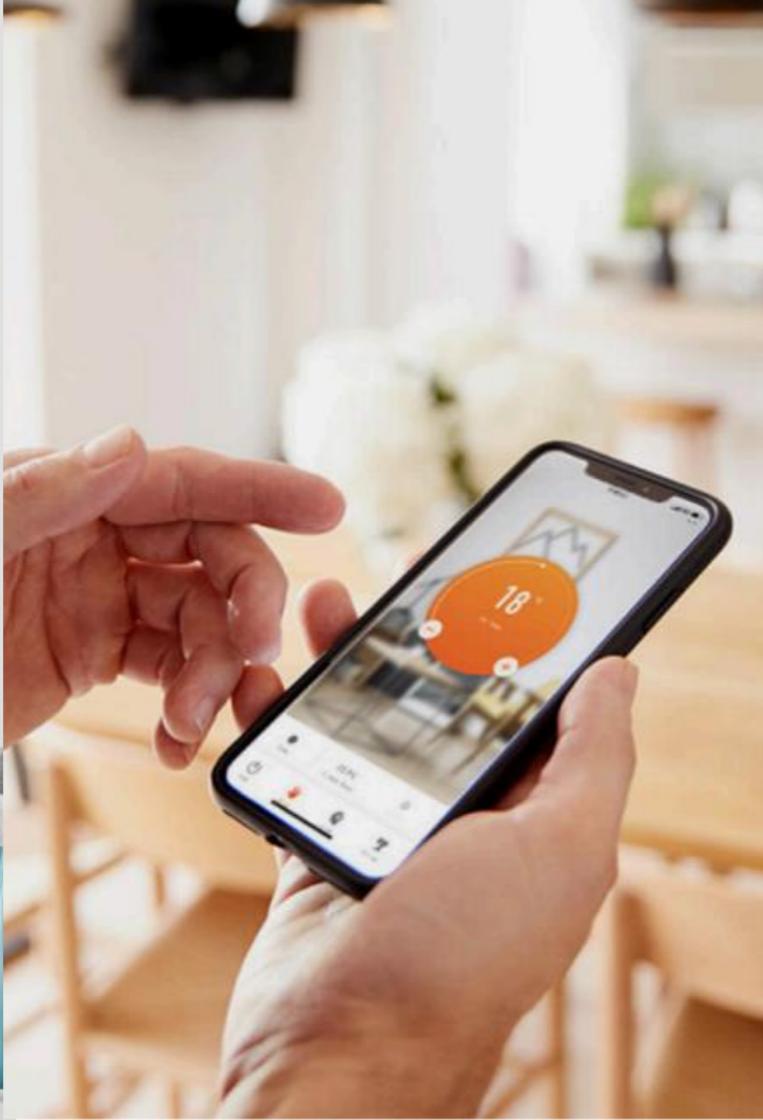
The Smart 2.0 Pro control system comes with a thermostat and also can be operated via the "Sundirect Smart" APP. It is compatible with all infrared heaters of the Sundirect *Plus range*. With our smart control system, you can take full control over your heating using the "Sundirect Smart" APP remotely 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 2.0 Pro remote control must be wired to your home grid.

Features:

▸ +/-0.1 degree temperature accuracy
▸ 7days heating program
▸ Energy saving features: open window detection/ adaptive start
▸ Energy monitoring via APP
▸ Wifi control via APP
▸ Voice controllable via Alexa or Google home
▸ Group control

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: All the "Plus" models
• Max 10pcs "Plus" panel by one controller

WORKS WITH ALEXA

WORKS WITH GOOGLE HOME

Download on the App Store

GET IT ON Google Play

SmartPlug
Plug-in wifi thermostat for Plus heater

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:
▸ Easy to use
▸ 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: All the "Plus" models
· Max 10pcs "Plus" panel by one controller

WORKS WITH ALEXA

WORKS WITH GOOGLE HOME

Google Play

App Store

TH400-V2
Wifi infrared towel heater

Sundirect's new TH400-V2 infrared towel heater comes with two stainless steel towel rails. 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 Smart App remotely from your mobile device.

Features:
‣ Modern super white glass design
‣ 2 stainless steel towel rail included
‣ Touch screen control on glass
‣ Wifi control via APP
‣ Voice controllable

Specifications:
• Surface temperature: 80-90°C
• Voltage: 220-240V, 50Hz
• Cable: 1.8m length cable with plug
• Protection: IP44
• Available color: Super white or black.

Model	Power	Size	Mounting	Heated area
TH400-V2	400W	46*100cm	Vertical wall mounting	4-7m²

Works with Alexa
Works with Google Home

Google Play
App Store

TH600-Pro
Dual-zone Wifi infrared towel heater

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. 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.

Features:
‣ Modern super white glass design
‣ Touchscreen control on glass
‣ Dual heating element design
‣ One stainless steel towel rail included
‣ Wifi control via APP
‣ Voice controllable

Specifications:
· Voltage: 220-240V, 50Hz
· Cable: 1.8m length cable with plug
· Protection: IP44
· Available color: Super white or black.

| Model	Power	Size	Mounting	Heated area
TH600-Pro	600W	58.5*110cm	Vertical wall mounting	6-12㎡

Works with Alexa
Works with Google Home

GET IT ON Google Play
Download on the App Store

LM-Pro
Wifi infrared lighting mirror heater
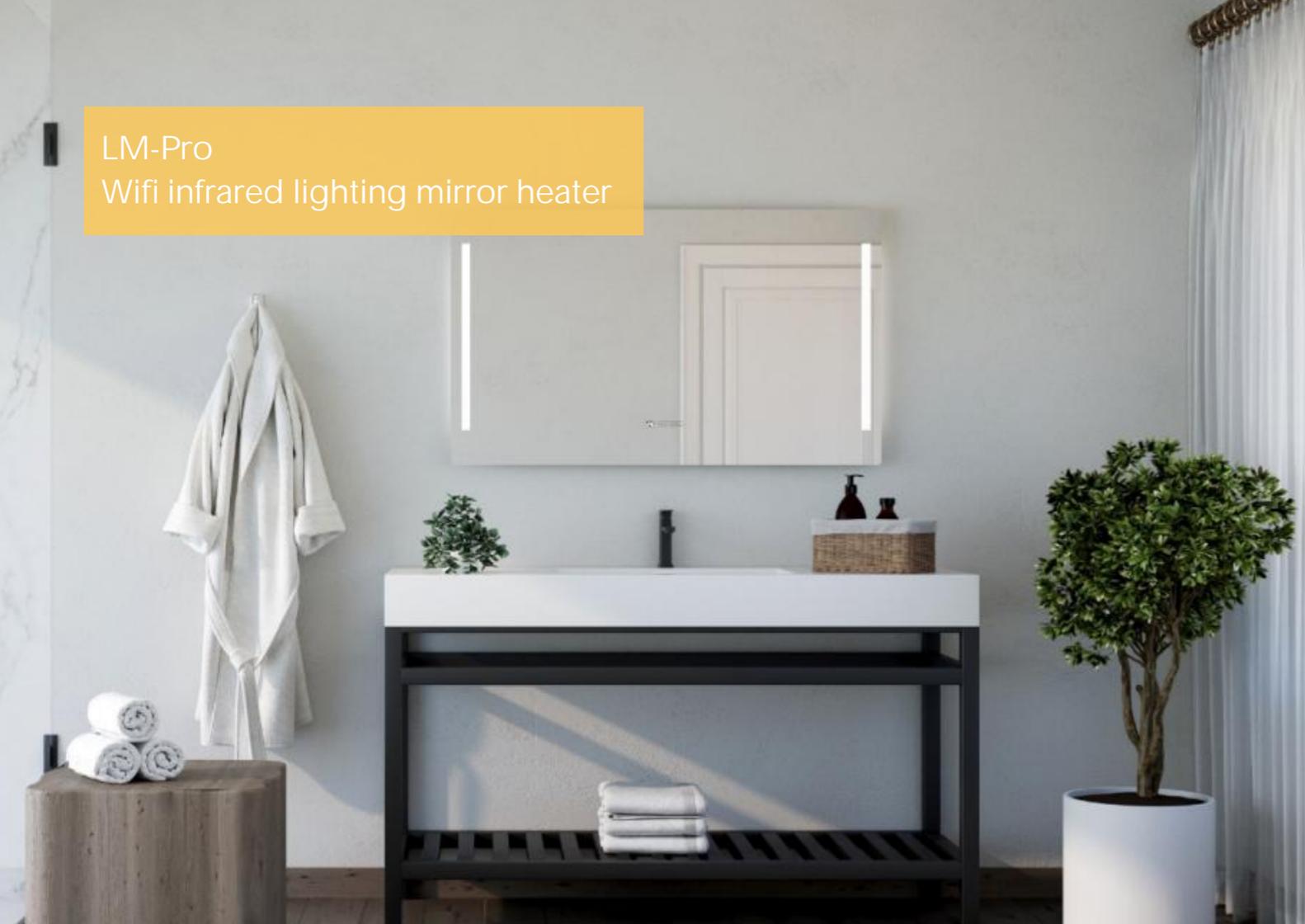
The Sundirect lighting mirror heater LM-Pro is a 3 in 1 solution combining a mirror with heating and lighting. LM400-Pro and LM600-Pro have two lighting bars on the mirror surface. LM-Pro can be used as a main heating solution for your bathroom while the anti-fog design makes it convenient to use in the summer time as well. It offers a modern touchscreen design on the mirror surface for manual temperature and lighting controls. Both lighting and heating control are available on the APP as well.

Features:
▸ Heating+Lighting+Mirror
▸ Touchscreen control on mirror
▸ Anti-fog mode with low power consumption
▸ Wifi control via APP
▸ Energy monitoring via APP
▸ Voice controllable

Specifications:
• Surface temperature: 90-100°C
• Voltage: 220-240V, 50Hz
• Cable: 1.8m length cable with plug
• Protection: IP44

Model	Power	Size	Mounting	Heated area
LM400-Pro	400W	70*80cm	Vertical Wall	4-8㎡
LM600-Pro(V3)	600W	65*110cm	Horizontal Wall	6-12㎡

Works with Alexa
Works with Google Home

Get it on Google Play
Download on the App Store

LM-Pro-Round
Round lighting mirror heater

LM350-Pro is a round smart mirror heater with back lighting. It is a 3 in 1 solution combining a mirror with heating and lighting. LM-Pro can be used as a main heating solution for small bathrooms, while the anti-fog design makes it convenient to use in the summer time as well. It offers a modern touchscreen design on the mirror surface for manual temperature and lighting controls. Both lighting and heating control are available on the APP as well.

Features:

‣ Heating+Lighting+Mirror
‣ Touchscreen control on mirror
‣ Anti-fog mode with small power consumption
‣ Wifi control via APP
‣ Energy monitoring via APP
‣ Voice controllable

Specifications:

· Surface temperature: 90-100°C
· Voltage: 220-240V, 50Hz
· Cable: 1.8m length cable with plug
· Protection: IP44

Model	Power	Size	Mounting	Heated area
LM350-Pro-Round	350W	70cm diameter	Wall	3-7m²

Works with Alexa
Works with Google Home
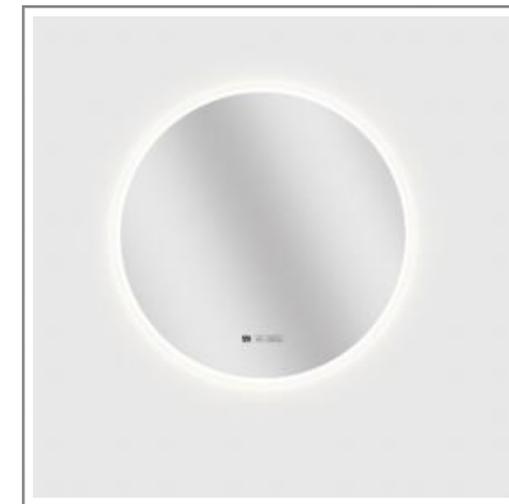
Get it on Google Play
Download on the App Store

Stone800-Pro
Wifi Infrared stone heater
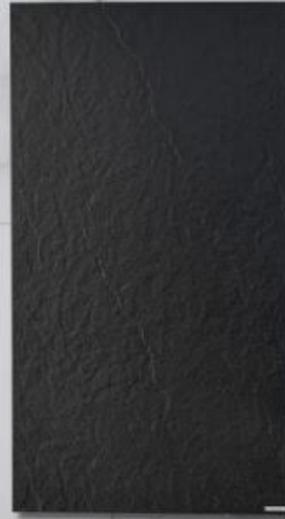
Sundirect Stone800-Pro is a premium Wifi-controllable infrared stone heater with a 3D structure surface. The Stone800-Pro offers a very comfortable infrared heating experience and a timeless design inspired by nature at the same time. Stone800-Pro is IP44 rated making it usable in bathrooms. Its backside has been equipped with fixing holes to add 3 optional towel rails (Model Nr.TR003) so it can be used as towel warmer. Stone800-Pro has an integrated temperature control box and it's working with the Sundirect Smart App. For ultimate convenience it can be voice controlled via Alexa and Google Home.

Features:
▸ Designing stone surface
▸ Child lock
▸ Temperature calibration
▸ Open window detection
▸ Wifi control via APP
▸ Voice controllable

Specifications:
• Surface temperature: 85-95°C
• Voltage: 220-240V, 50Hz
• Cable: 1.8m length cable with plug
• Protection: IP44

Model	Power	Size	Mounting	Heated area
Stone800-Pro-V2	800W	60*120cm	Vertical wall mounting	8-16m²

Works with Alexa
Works with Google Home

Get it on Google Play
Download on the App Store

Footwarmer220-Pro
Wifi infrared footwarmer

Sundirect Footwarmer220-Pro is a specially designed small scale portable infrared heater that can be used to warm the feet. It operates at a surface temperature of 70-80°C, making it especially safe to use. It has a foot switch allowing you to turn off and on the heater in a very user friendly way. It is also equipped with a Wifi-enabled control box, which allows you to do an advanced temperature control via the Sundirect Smart App, including remotely operating your heater, set a full week heating schedule, controlling several heaters at the same time etc. The Footwarmer220-Pro also works with Alexa and Google Home. Due to its smart design features as well as its very low power consumption, this heater is widely used in offices, homes and so on.

Features:

▸ Foot switch
▸ Integrated control box
▸ Low power consumption
▸ Aluminum feet stand
▸ Wifi control via APP
▸ Group control via APP

Specifications:

• Surface temperature: 70-80°C
• Voltage: 220-240V, 50Hz
• Cable: 1.8m length cable with plug
• Protection: IP20

| Model	Power	Size	Mounting
Footwarmer220-Pro	220W	40*65cm	Portable heater

WORKS WITH ALEXA

WORKS WITH GOOGLE HOME

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Hybrid-Pro
Wifi hybrid infrared heater
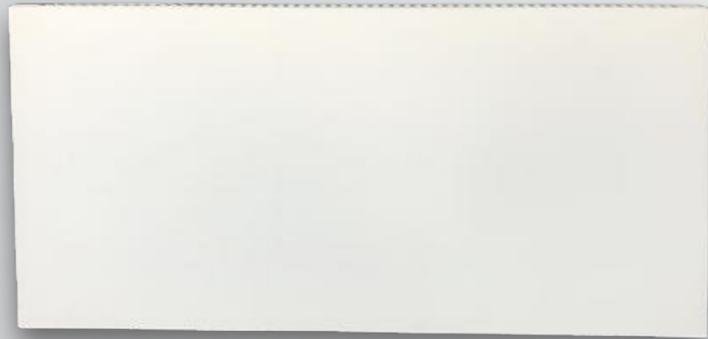
Hybrid-Pro series is a hybrid design infrared panel heater. It has a combination of infrared heating and convection heating. Thanks to the bigger wattage density, the Hybrid-Pro panel heats up to the maximum surface temperature in just 5 minutes. The innovative dual convection design increase the convection by 35% compared to other normal hybrid heaters.

Hybrid500-Pro and Hybrid1000-Pro is designed to be horizontal positioned and comes with a freestanding feet. Hybrid750-Pro is designed to be vertically positioned and comes with a roll feet to move around.

Features:
▸ Infrared+Convection
▸ Dual-convection design
▸ Integrated control system
▸ Open window detection
▸ Wifi control via APP
▸ Group control via APP

Specifications:
• Surface temperature: 90-100°C
• Voltage: 220-240V, 50Hz
• Cable: 1.8m length cable with plug
• Protection: IP24

Model	Power	Size	Mounting	Heated area
Hybrid500-Pro	500W	60*60cm	Wall or portable	5-10m²
Hybrid1000-Pro	1000W	60*120cm	Wall or portable	10-20m²
Hybrid750-Pro	750W	50*110cm	Wall or portable	7-15m²

Works with Alexa
Works with Google Home
Get it on Google Play
Download on the App Store

Hybrid500-Pro   Hybrid750-Pro

Sundirect Tower-Pro is a portable Wifi-enabled infrared heater. This is one of the best smart portable heaters on the market. It offers an elegant and modern design as well as a smart heating control solution with a glass surface touchscreen on the top of the heater. Its 3 heating element design allows you to heat a room in a 270degrees mode and its white body matches any type of room interior. Tower500-Pro comes with a stylish feet for free standing while Tower1000-Pro Equipped with a freestanding feet or rolls to move around.

Features:
- Child lock
- Temperature calibration
- Open window detection
- Wifi control via APP
- Energy monitoring via APP
- Voice controllable

Specifications:
- Surface temperature: 85-95°C
- Voltage: 220-240V, 50Hz
- Cable: 1.8m length cable with plug
- Protection: IP44

Model	Power	Size	Mounting	Heated area
Tower500-Pro	500W	34*34*85cm	Portable	5-10㎡
Tower1000-Pro(V2)	1000W	34*34*125cm	Portable	10-20㎡

Works with Alexa

Works with Google Home

GET IT ON Google Play

Download on the App Store
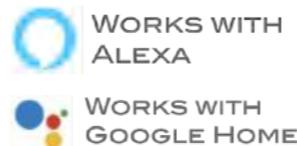
Tower500-Pro

Accessories

TR001/TR003/TR004- Towel rail
TR001 fits models: GD-Plus series, available in stainless steel and black color
TR003 fits models: Stone800-Pro/Extra rail for TH600-Pro, available in stainless steel and black color
TR004 fits models: Extra rail for TH400-V2, available in stainless steel and black color
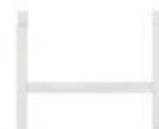
BC004/BC005- Ceiling mounting bracket for PE-Plus series
BC004 fits models: PE350-Plus/PE540-Plus/PE700-Plus/PE1000-Plus
BC005 fits models: PE380-Plus

BC002- Ceiling mounting cable
Fits models:
PE-Plus/ IC-Plus/ SC-Plus

BS004- Free standing feet
Fits models:
PE-Plus/ IC-Plus

BS007- Basic standing feet
Fits models:
PE-Plus/ IC-Plus

CF02-Roll- Roll feet
Fits models:
PE-Plus/ IC-Plus