

Innovative Heating Technology

Take responsibility –
heat sustainably

Home

PRODUCT CATALOG 2026

Infrared heaters
Bathroom & design heaters
Radiant heaters
Special applications
Control units
Accessories

welltherm[®]

welltherm[®]

Take responsibility –
heat sustainably





WELCOME

Welltherm GmbH is one of the leading companies in Europe in the field of electric heating. At our development and production site in Lüdenscheid, we manufacture high-quality infrared and electric heating systems. Selected components, meticulous craftsmanship, and customer-specific production ensure optimal and sustainable heating comfort.

A testament to our superior quality and product safety is our production facility in Lüdenscheid, which is certified according to DIN EN ISO 9001:2015.

Furthermore, we are one of the first manufacturers to receive the EIHA quality seal. Our expertise and decades of experience in developing and manufacturing heating

elements for industrial applications (including laboratory equipment, medical technology, and the automotive industry) set us apart and form the foundation of the highest quality and innovation standards for our infrared heating systems.

This know-how has been and continues to be the basis for developing and continuously improving the most efficient and high-quality heating systems.

We guarantee precise temperature control and maximum process reliability. The latest technologies, pioneering future visions, and innovative products make us your strong partner in the field of electric heating.

EIHA-Quality seal

Welltherm Infrared Heating Systems Meet the Requirements for the EIHA Quality Seal

Radiant Efficiency According to IEC 60675-3

A key criterion for the quality seal is the radiant efficiency according to the IEC 60675-3 standard. This standard evaluates how much of the energy used is converted into radiant heat. Efficiency is crucial for the performance and cost-effectiveness of heating devices, with a minimum requirement of 40%.

Welltherm infrared heaters rank at the upper end of all measured manufacturer values. The radiant efficiency on the ceiling differs from that on the wall. In general, the larger the surface area, the higher the radiant efficiency, with ceilings achieving better values than walls.

Compliance with EU Quality Standards

Welltherm infrared heaters meet the requirements of EN 60335-1, EN 60335-2-30, as well as regulations for

EMC, RoHS, and WEEE. This ensures compliance with fundamental European safety, environmental, and quality standards.

Production Monitoring

As part of Welltherm's long-standing quality policy, production monitoring is carried out by TÜV Süd. This guarantees that our products are "Made in Germany" in full compliance with all relevant norms and certifications.

Adherence to the Ecodesign Directive

Infrared heating devices must also comply with the Ecodesign Directive (2009/125/EC). This directive aims to minimize the environmental impact of products while maximizing energy efficiency.





Eco-design compliant with **precon**[®] plug-in system

Welltherm – Efficient. Comfortable. Future-proof.

Our Welltherm infrared heating systems naturally meet all requirements of the current Ecodesign Directive (EU) 2024/1103. This means we can guarantee maximum energy efficiency, sustainability, and future-proof heating comfort – made in Germany.

The proven Welltherm radio control system ensures maximum efficiency with minimum consumption thanks to adaptive control, window contact switches, and energy-optimized control. In combination with our ESHC+ technology, the result is a heating system that perfectly

combines comfort, sustainability, and convenience. In order to combine this claim with maximum installation convenience, we are now relying on our innovative precon plug-in concept. This intelligent system ensures that our heaters are only operated with a suitable control system – in line with eco-design requirements – and at the same time enables a significantly simplified and time-saving installation process: Connect. Link. Done.

Welltherm – heat with responsibility and system.

Quality - Made in Germany

"Made in Germany" is recognized worldwide as a hallmark of top quality. Our heating systems are also handcrafted, custom-made products of the highest quality and value. We combine cutting-edge technology with traditional values to achieve the perfect result for our customers. All our heating systems naturally meet all legally required standards and have earned the corresponding safety, compatibility, and environmental certification for the materials used.

Our heating systems are made from carefully selected components sourced from producers and suppliers in Germany and are manufactured at our production site in Lüdenscheid, located in the Sauerland region. In our

manufacturing process, we focus on what matters most, orienting our technology around people and their needs. We ensure the longevity and environmental friendliness of our products. The manufacturing process particularly emphasizes energy efficiency, material recyclability, and the environmental compatibility of the components used.

Our customers are aware of the special quality of Welltherm products, appreciate the transparent production process, and value the opportunity to purchase unique pieces. High-quality materials, meticulous craftsmanship, and attention to detail make our products truly special. Welltherm infrared heating systems are 100% "Made in Germany," tested and certified.



5 years warranty

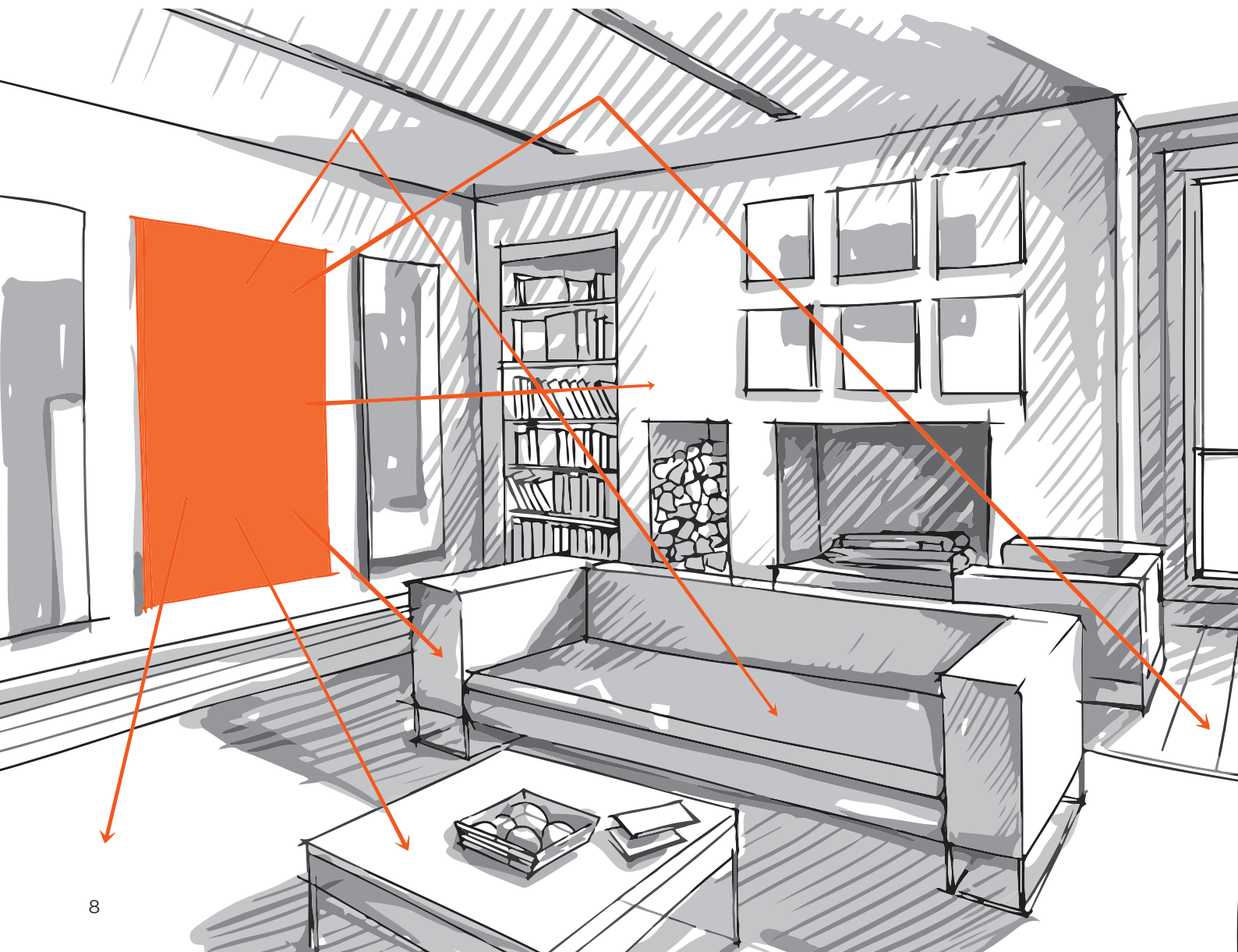




The Infrared Principle

The infrared heater is an electric heating system based on radiant heat. It is also known as a heat wave heater or radiant heater and generates particularly pleasant direct heat, similar to the sun. The key difference from a conventional heating system is that the infrared heater does not heat the air in the room but rather the surrounding room envelope – namely the walls, floor, and objects in the room.

This principle is exactly what makes infrared heating so popular: By evenly distributing the heat across the room surfaces, a particularly comfortable and healthy atmosphere is created. The heat does not move through the room but is continuously emitted by the surrounding surfaces. At the same time, the infrared heater is characterized by low acquisition costs, a wide range of design options, and very high efficiency.





Most efficient technology for sustainable heating

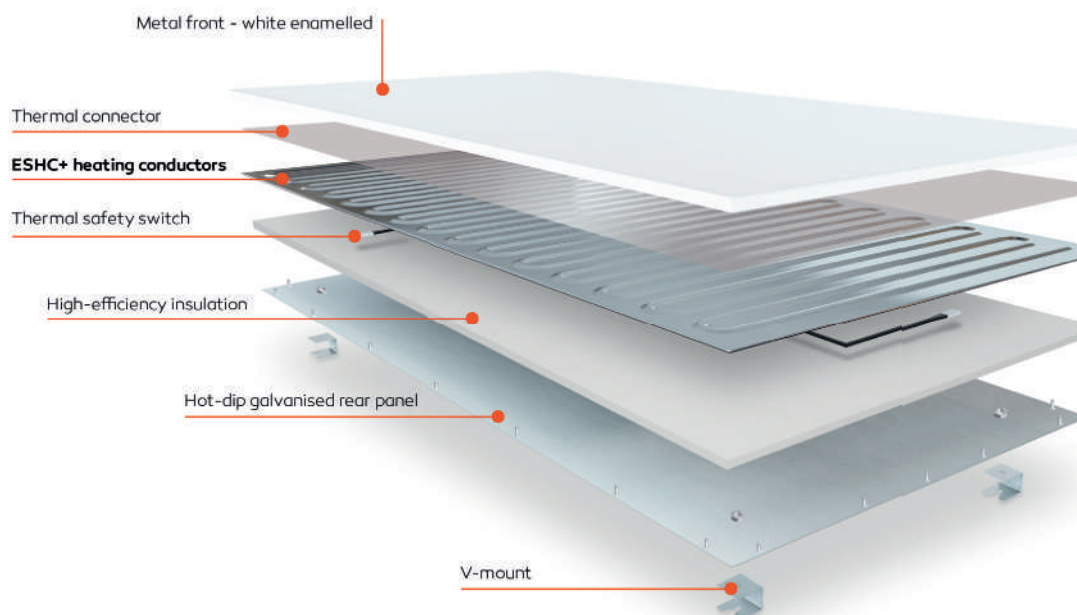
At Welltherm, we take responsibility for both our environment and our customers. Driven by this motivation, we developed our ESHC+ technology, which forms the foundation of every Welltherm infrared heater and enables previously unmatched efficiency.

Welltherm infrared heaters with ESHC+ achieve top performance in heating time and maximum achievable temperature, leading to an excellent radiant efficiency.

As a result, Welltherm heaters are among the fastest and most efficient heating systems available on the market. The very short heating time of the ESHC+ technology guarantees quick and pleasant heating in living areas. In particular, in bathrooms where there is only temporary heating demand, a fast heating system pays off by allo-

wing for an energy-saving, short preheating time. Additionally, Welltherm's intelligent wireless thermostats feature adaptive control of the heating start, allowing them to reach the desired comfort temperature exactly at the desired time with minimal lead time.

This creates a perfect synergy between efficient heating technology and intelligent control, providing high comfort at low operating costs. The superiority of ESHC+ technology lies primarily in its maximum temperature of 107°C. While comparable infrared heaters typically reach a maximum of 95°C, Welltherm takes advantage of the high heat radiation effect that can be achieved at the upper temperature range of an infrared heater, thus achieving the highest level of heat relative to the electrical energy used.



We have been officially recognized as the global market leader for the revolutionary ESHC+ technology in our infrared heating systems.

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Metal infrared heaters

Welltherm powder-coated metal heating systems have a very high heat output value due to their specially coated surface. They are lightly textured, white stove-enamelled and therefore very scratch-proof and colourfast. The heating system features our particularly robust and long-lasting ESHC plus heating element, which heats uniformly throughout.

Special thermal insulation makes the Welltherm metal heating system a highly efficient and sustainable heating system, while keeping rear heat losses to a minimum.

All heater variants are frameless. Whether in portrait, landscape, or a simple square format, our radiators can be mounted any way you want, even hanging from the ceiling. The mounting system ensures they are held stably and securely in place. Naturally, our metal infrared heating systems fulfil all applicable safety requirements and have TÜV certification.

Characteristics:

- Slim design, 16 mm thick
- Minimal wall clearance, approx. 46 mm
- Frameless
- Vertical and horizontal wall mounting possible
- Ceiling mounting possible
- Silk-matte stove-enamel finish
- Fireproof galvanised housing
- Two integrated thermal safety switches
- Highly-efficient rear insulation
- 650 mm connection cable with Precon plug-in system

Technical Data:

Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IP 21
Protection class:	I
Heating technology:	ESHC plus
Certificate:	TÜV certification



Metal

Metal infrared heaters with a very high heat utilization value

Sturdy and durable



Metal White

Technical Data:

Front: Metal, stove-enamelled
 Model: Metal
 Colour: White, RAL 9003
 Surface: Silky matte
 Power supply: 1/N/PE 230 V
 Frequency: 50 Hz
 IP rating: IP 21
 Protection class: I
 Heating technology: ESHC plus
 Connection cable: 650 mm, white
 Plug: with **precon**® plug-in system
 Assembly: Wall & Ceiling



Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
PBO210	39,2 x 59,2 x 1,7	210	0,9	4,5	3 to 4
PBO260	29,2 x 89,2 x 1,7	260	1,1	5,3	3 to 5
PBO330	59,2 x 59,2 x 1,7	330	1,4	7,8	5 to 7
PBO340	61,8 x 61,8 x 1,7	340	1,5	8,0	5 to 7
PBO360	29,2 x 119,2 x 1,7	360	1,6	6,9	5 to 7
PBO510	59,2 x 89,2 x 1,7	510	2,2	11,0	7 to 10
PBO610	39,2 x 149,2 x 1,7	610	2,7	10,7	9 to 12
PBO710	59,2 x 119,2 x 1,7	710	3,1	14,0	10 to 14
PBO760	40,0 x 180,0 x 1,7	760	3,3	13,0	11 to 15
PBO910	59,2 x 149,2 x 1,7	910	4,0	17,0	13 to 18
PB1000	80,0 x 120,0 x 1,7	1000	4,3	18,5	14 to 20
PB1100	90,0 x 120,0 x 1,7	1100	4,8	20,7	15 to 22
PB1210	75,0 x 150,0 x 1,7	1210	5,3	21,5	17 to 24
PB1410	120,0 x 120,0 x 1,7	1410	6,1	28,0	20 to 28

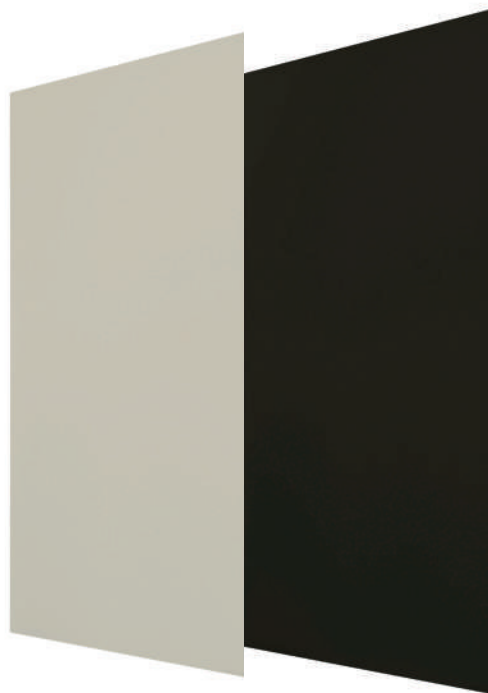
This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



Metal Sand & Graphite

Technical Data:

Front:	Metal, stove-enamelled
Model:	Metal Sand / Graphite
Colour:	Sand / Graphite
Surface:	Silky matte
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IP 21
Protection class:	I
Heating technology:	ESHC plus
Connection cable:	650 mm, white
Plug:	with precon ® plug-in system
Assembly:	Wall & Ceiling



Sand

Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
PBSA0710	59,2 x 119,2 x 1,7	710	3,1	14	10 to 14
PBSA0910	59,2 x 149,2 x 1,7	910	4	17	13 to 18

Graphite

Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
PBMG0710	59,2 x 119,2 x 1,7	710	3,1	14	10 to 14
PBMG0910	59,2 x 149,2 x 1,7	910	4	17	13 to 18

This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



Metal RAL

Technical Data:

- Front: Metal, stove-enamelled
- Model: Metal RAL
- Colour: RAL custom
- Surface: Silky matte
- Power supply: 1/N/PE 230 V
- Frequency: 50 Hz
- IP rating: IP 21
- Protection class: I
- Heating technology: ESHC plus
- Connection cable: 650 mm, white
- Plug: with *precon*® plug-in system
- Assembly: Wall & Ceiling

* The color specification of the correction print provided by us is always to be understood as an approximation in the printing process. Due to material properties, slight color deviations may occur during the production of the heater.



Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
FAPB0330	59,2 x 59,2 x 1,7	330	1,4	7,8	5 to 7
FAPB0510	59,2 x 89,2 x 1,7	510	2,2	11,0	7 to 10
FAPB0710	59,2 x 119,2 x 1,7	710	3,1	14,0	10 to 14
FAPB0910	59,2 x 149,2 x 1,7	910	4,0	17,0	13 to 18
FAPB1000	80,0 x 120,0 x 1,7	1000	4,3	18,5	14 to 20
FAPB1210	75,0 x 150,0 x 1,7	1210	5,3	21,5	17 to 24

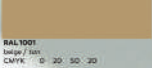
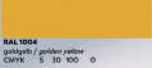
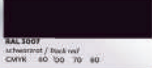
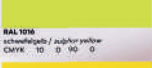
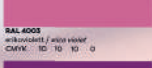
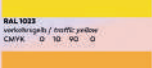
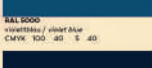
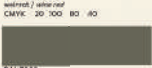
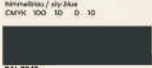
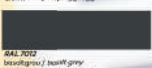
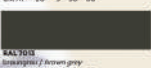
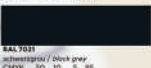
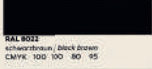
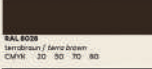
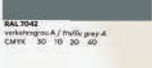
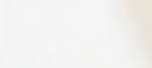
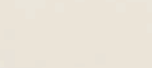
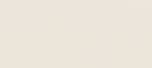
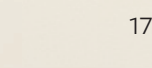
This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)

* Technical note

Metal RAL

Individual Variety: Our infrared heaters are available in a wide range of RAL colors, perfectly adapting to your personal style and living concept.

The color specification of the correction print provided by us is always to be understood as an approximation in the printing process. Due to material properties, slight color deviations may occur during the production of the heater.

 RAL 1001 beige / taupe CMYK: 0 20 50 30	 RAL 1002 ochraceous yellow / signal yellow CMYK: 0 12 100 0	 RAL 1004 goldbeige / golden yellow CMYK: 5 30 100 0	 RAL 1007 ochraceous red / black red CMYK: 60 100 70 60	 RAL 1009 red / dark red CMYK: 5 90 100 80	 RAL 1011 Chinese red / brown red CMYK: 20 100 100 40
 RAL 1007 ochraceous yellow / stafford yellow CMYK: 0 50 100 0	 RAL 1012 ochraceous yellow / lemon yellow CMYK: 10 10 90 0	 RAL 1015 pale yellow / pearl white CMYK: 0 5 20 10	 RAL 1014 ochraceous red / dusky pink CMYK: 0 10 30 10	 RAL 1000 red / dark red CMYK: 0 100 100 10	 RAL 1008 red / dark red CMYK: 0 100 90 0
 RAL 1014 ochraceous red / ivory CMYK: 0 10 40 10	 RAL 1016 ochraceous red / light ivory CMYK: 0 5 30 10	 RAL 1016 ochraceous red / golden yellow CMYK: 10 0 90 0	 RAL 6003 ochraceous red / ultra violet CMYK: 10 10 10 0	 RAL 6004 ochraceous red / baroque violet CMYK: 60 100 30 30	 RAL 6005 ochraceous red / blue blue CMYK: 60 100 0 10
 RAL 1018 ochraceous red / zinc yellow CMYK: 0 0 80 0	 RAL 1019 ochraceous red / grey beige CMYK: 5 20 40 40	 RAL 1021 ochraceous red / represent yellow CMYK: 0 10 100 0	 RAL 6006 ochraceous red / traffic purple CMYK: 10 100 0 10	 RAL 6007 ochraceous red / purple violet CMYK: 70 100 20 80	 RAL 6008 ochraceous red / signal white CMYK: 60 90 0 10
 RAL 1033 ochraceous red / traffic yellow CMYK: 0 10 90 0	 RAL 1038 ochraceous red / metal yellow CMYK: 0 40 100 0	 RAL 1032 ochraceous red / brown yellow CMYK: 0 30 80 10	 RAL 6040 ochraceous red / technic blue CMYK: 10 90 30 0	 RAL 6000 ochraceous red / violet blue CMYK: 100 40 0 40	 RAL 6001 ochraceous red / green blue CMYK: 80 30 0 80
 RAL 1015 ochraceous red / daffodil yellow CMYK: 0 30 80 0	 RAL 2000 ochraceous red / yellow orange CMYK: 0 50 100 0	 RAL 3001 ochraceous red / red orange CMYK: 0 80 100 20	 RAL 5003 ochraceous red / ultramarine blue CMYK: 100 70 0 40	 RAL 5003 ochraceous red / sapphire blue CMYK: 100 50 0 80	 RAL 5004 ochraceous red / black blue CMYK: 100 100 70 40
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 RAL 3008 ochraceous red / light red-orange CMYK: 0 80 100 0	 RAL 3009 ochraceous red / traffic orange CMYK: 0 70 100 0	 RAL 3011 ochraceous red / clear orange CMYK: 0 55 100 0	 RAL 5009 ochraceous red / pure blue CMYK: 10 10 10 40	 RAL 5010 ochraceous red / gem blue CMYK: 100 40 0 40	 RAL 5011 ochraceous red / steel blue CMYK: 100 60 10 80
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 RAL 6028 ochraceous red / pale green CMYK: 100 40 100 0	 RAL 6029 ochraceous red / pale green CMYK: 100 40 100 0	 RAL 6030 ochraceous red / pale green CMYK: 100 40 100 0	 RAL 7036 ochraceous red / platinum grey CMYK: 10 10 30 40	 RAL 7037 ochraceous red / dark grey CMYK: 80 30 30 40	 RAL 7040 ochraceous red / window grey CMYK: 20 10 10 40
 RAL 6033 ochraceous red / light turquoise CMYK: 80 20 50 0	 RAL 6034 ochraceous red / light turquoise CMYK: 80 10 40 0	 RAL 6037 ochraceous red / pure green CMYK: 60 10 40 0	 RAL 7039 ochraceous red / quartz grey CMYK: 50 10 30 40	 RAL 7042 ochraceous red / traffic grey A CMYK: 30 10 30 40	 RAL 9016 ochraceous red / traffic white CMYK: 0 0 0 0



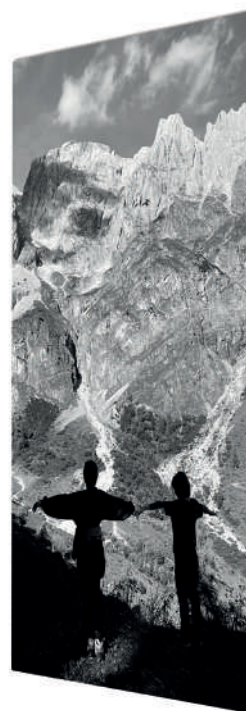
Metal Picture

Technical Data:

Front:	Metal, stove-enamelled
Model:	Metal picture
Colour:	Picture custom
Surface:	Silky matte
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IP 21
Protection class:	I
Heating technology:	ESHC plus
Connection cable:	650 mm, white
Plug:	with precon * plug-in system
Assembly:	Wall & Ceiling

** A variety of image motifs are available for download at:
<https://stock.adobe.com>

Technical requirements for the image template:
 We accept images in JPEG, TIFF, and PSD formats.
 Image format: Heater format with ideally 300 dpi, minimum 100 dpi.
 The color specification of the correction print provided by us is always to be understood as an approximation in the printing process. Due to material properties, slight color deviations may occur during the production of the heater.



Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
BIPBO330	59,2 x 59,2 x 1,7	330	1,4	7,8	5 to 7
BIPBO510	59,2 x 89,2 x 1,7	510	2,2	11,0	7 to 10
BIPBO710	59,2 x 119,2 x 1,7	710	3,1	14,0	10 to 14
BIPBO910	59,2 x 149,2 x 1,7	910	4,0	17,0	13 to 18
BIPB1000	80,0 x 120,0 x 1,7	1000	4,3	18,5	14 to 20
BIPB1210	75,0 x 150,0 x 1,7	1210	5,3	21,5	17 to 24
CREDIT	https://stock.adobe.com - Cost for Image File				

IMAGE EDITING

Possibly graphic editing / retouching

This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)

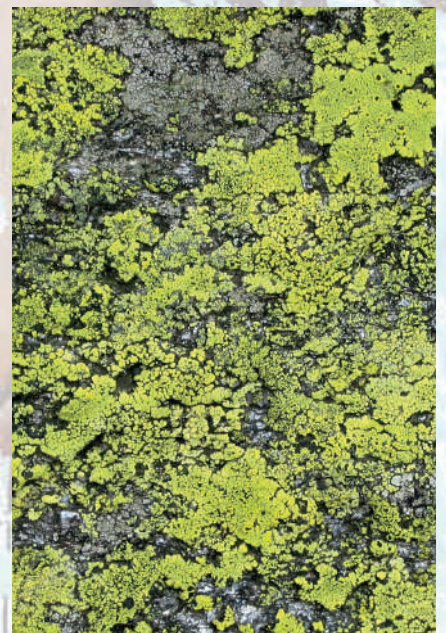
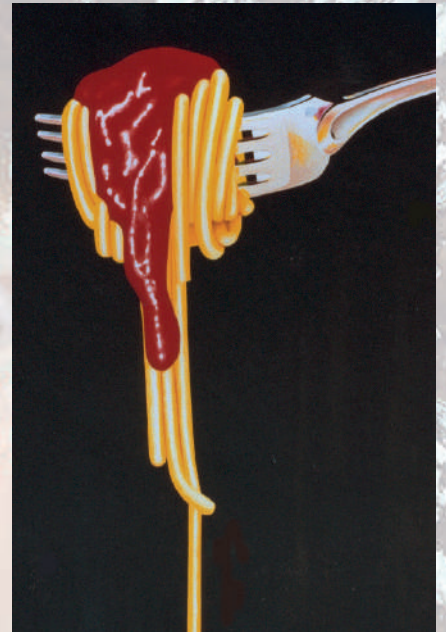
** Technical note

Metal Picture

A variety of image motifs are available for download at:
<https://stock.adobe.com>

Technical requirements for the image template:
We accept images in JPEG, TIFF, and PSD formats.
Image format: Heater format with ideally 300 dpi, minimum 100 dpi.

The color specification of the correction print provided by us is always to be understood as an approximation in the printing process. Due to material properties, slight color deviations may occur during the production of the heater.



Glass infrared heaters

The Welltherm glass infrared heaters combine stylish design with the highest level of efficiency. By combining high-quality, permanently heat-resistant ESG safety glass with its selected surface structure and our ESHC+ technology, we achieve top values in radiation factor and radiation share.

This reduces energy consumption and minimizes operating costs. All heating variants are frameless.

Choose your infrared heater completely according to your preferences. Whether satin white, practical mirror, or elegant matte black, our infrared heaters blend subtly into your living concept or create intentional accents.

Our heaters are available in portrait, landscape, and square formats, and can be mounted in any way, including hanging from the ceiling. Intelligent mounting mechanisms ensure a stable and secure hold.

Of course, our glass infrared heaters comply with all valid safety regulations and are CE certified.

Characteristics:

- Slim design, 22 mm thick
- Minimal wall clearance, approx. 50 mm
- Frameless
- Vertical and horizontal wall mounting possible
- Ceiling mounting possible
- High-quality single pane toughened safety glass with Heat Soak Test (TSG-H)
- Rounded glass edges
- Rounded corners (radius 5 mm)
- Fireproof galvanised housing with black stove-enamel finish
- Two integrated thermal safety switches
- Highly-efficient rear insulation
- 650 mm connection cable with Precon plug-in system

Technical Data:

Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IP X4
Protection class:	I
Heating technology:	ESHG plus
Certificate:	CE certification



Glass

Glass infrared heaters - The perfect combination of efficiency & design

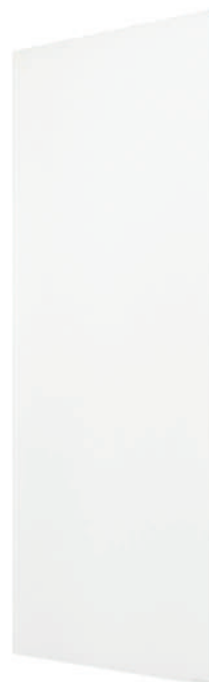
Stylish and powerful



Glass Satino

Technical Data:

Front:	5 mm TSG-H toughened safety glass
Model:	Satino
Colour:	White, similar to RAL 9016
Surface:	Satin finish
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IP X4
Protection class:	I
Heating technology:	ESHC plus
Connection cable:	650 mm, white
Plug:	with precon ® plug-in system
Assembly:	Wall & Ceiling



Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
WS0370	60,0 x 60,0 x 2,2	370	1,6	9,6	5 to 7
WS0580	60,0 x 90,0 x 2,2	580	2,5	13,5	8 to 12
WS0780	60,0 x 120,0 x 2,2	780	3,4	17,3	11 to 16
WS0930	60,0 x 150,0 x 2,2	930	4,0	22,0	13 to 19
WS1250	75,0 x 150,0 x 2,2	1250	5,4	27,5	18 to 25

This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



Glass Satino PRO

Technical Data:

Front:	5 mm TSG-H toughened safety glass
Model:	Satino
Colour:	White, similar to RAL 9016
Surface:	Satin finish
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IP X4
Protection class:	I
Heating technology:	ESHC plus
Connection cable:	650 mm, white
Plug:	with precon ® plug-in system
Assembly	Ceiling, due to the increased surface temperature



Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
WS0500	60,0 x 60,0 x 2,2	500	2,2	9,6	7 to 10
WS0750	60,0 x 90,0 x 2,2	750	3,3	13,5	11 to 15
WS1000	60,0 x 120,0 x 2,2	1000	4,3	17,3	14 to 20
WS1300	60,0 x 150,0 x 2,2	1300	5,7	22,0	19 to 26

This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



Glass Mirror

Technical Data:

Front:	5 mm TSG-H toughened safety glass
Model:	Mirror
Colour:	Mirror
Surface:	Gloss
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IP X4
Protection class:	I
Heating technology:	ESHC plus
Connection cable:	650 mm, white
Plug:	with precon ® plug-in system
Assembly:	Wall & Ceiling



Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
SP0370	60,0 x 60,0 x 2,2	370	1,6	9,6	5 to 7
SP0580	60,0 x 90,0 x 2,2	580	2,5	13,5	8 to 12
SP0780	60,0 x 120,0 x 2,2	780	3,4	17,3	11 to 16
SP0930	60,0 x 150,0 x 2,2	930	4,0	22,0	13 to 19
SP1250	75,0 x 150,0 x 2,2	1250	5,4	27,5	18 to 25

This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



Glass Blackboard

Technical Data:

Front:	5 mm TSG-H toughened safety glass
Model:	Panel
Colour:	Black, similar to RAL 9005
Surface:	Satin finish
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IP X4
Protection class:	I
Heating technology:	ESHC plus
Connection cable:	650 mm, white
Plug:	with precon ® plug-in system
Assembly:	Wall & Ceiling



Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
TA0580	60,0 x 90,0 x 2,2	580	2,5	13,5	8 to 12
TA0780	60,0 x 120,0 x 2,2	780	3,4	17,3	11 to 16
TA0930	60,0 x 150,0 x 2,2	930	4,0	22,0	13 to 19

This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



Infrared bathroom heaters

The infrared bathroom heaters from the BKW Plus series offer an unprecedented variety of options.

In addition to numerous colors and sizes, the radiators can be equipped with solid and elegant towel rails of varying lengths.

Feel free to realize your individual ideas.

Whether simple with matte surfaces, elegant with a glass front, or minimalist in black or sand colors—the range of possibilities is enormous. There's guaranteed to be a perfect solution for everyone.

But it's not just the design that stands out—the Welltherm bathroom heaters are also technically impressive. The integrated dual heating system combines the comfort of energy-optimized towel

drying in the lower part of the radiators with powerful room heating in the upper part. Naturally, all radiators in the BKW Plus series meet Zone 2 requirements (IPX4), allowing safe operation directly next to a shower or bathtub.

Comfort Features:

- Simple control via a single room thermostat that centrally manages both heating zones of the dual heating system.
- Adjusted heat output for energy-optimized towel drying in the lower part of the heater.
- Efficient room heating through a powerful heating element in the upper part of the bathroom heater.
- High variety in performance, size, color, and surface, with a total of three different towel rails (mountable on the left or right).



Bathroom

Bathroom heaters – the perfect combination of functionality & aesthetics

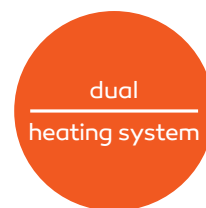
Stylish design & maximum heating comfort



Bathroom heater Satino

Technical Data:

Front: 5 mm TSG-H toughened safety glass
 Model: BP satino
 Colour: White, similar to RAL 9016
 Surface: Satin finish
 Power supply: 1/N/PE 230 V
 Frequency: 50 Hz
 IP rating: IP X4
 Protection class: I
 Heating technology: ESHC plus, dual heating system
 Connection cable: 650 mm, white
 Plug: with **precon**® plug-in system
 Assembly: Wall



Article number	Colour	Surface	Size (cm)	Power (W)	Current (A)	Weight (kg)	Number of possible rails
BPWS0550	White, similar to RAL 9016	Satin finish	60,0 x 120,0 x 2,2	550	2,4	16,2	1
BPWS0660	White, similar to RAL 9016	Satin finish	60,0 x 150,0 x 2,2	660	2,9	20,3	2
BPWS0850	White, similar to RAL 9016	Satin finish	60,0 x 180,0 x 2,2	850	3,7	24,5	3

Towel rail options available

Article number	Colour	Type	Size (cm)
BEE0430	Brushed stainless steel	Open on one side	43,0 x 4,0 x 0,5
BEE0550	Brushed stainless steel	Open on one side	55,0 x 4,0 x 0,5
BEE0650	Brushed stainless steel	Continuously	65,0 x 4,0 x 0,5

This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



Bathroom heater Metal white

Technical Data:

Front:	Metal, stove-enamelled
Model:	BP Metal
Colour:	White, RAL 9003
Surface:	Silky matte
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IP X4
Protection class:	I
Heating technology:	ESHC plus, dual heating system
Connection cable:	650 mm, white
Plug:	with precon ® plug-in system
Assembly:	Wall



dual
heating system

Article number	Colour	Surface	Size (cm)	Power (W)	Current (A)	Weight (kg)	Number of possible rails
BPPB0550	White, RAL 9003	Silky matte	60,0 x 120,0 x 1,7	550	2,4	14,1	1
BPPB0660	White, RAL 9003	Silky matte	60,0 x 150,0 x 1,7	660	2,9	18,7	2
BPPB0850	White, RAL 9003	Silky matte	60,0 x 180,0 x 1,7	850	3,7	23,3	3

Towel rail options available

Article number	Colour	Type	Size (cm)
BEE0430	Brushed stainless steel	Open on one side	43,0 x 4,0 x 0,5
BEE0550	Brushed stainless steel	Open on one side	55,0 x 4,0 x 0,5
BEE0650	Brushed stainless steel	Continuously	65,0 x 4,0 x 0,5

This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



Bathroom heater Metal graphite black

Technical Data:

Front: Metal, stove-enamelled
 Model: BP Metal
 Colour: Graphite black, RAL 9011
 Surface: Structure
 Power supply: 1/N/PE 230 V
 Frequency: 50 Hz
 IP rating: IP X4
 Protection class: I
 Heating technology: ESHC plus, dual heating system
 Connection cable: 650 mm, white
 Plug: with **precon**® plug-in system
 Assembly: Wall



dual
heating system

Article number	Colour	Surface	Size (cm)	Power (W)	Current (A)	Weight (kg)	Number of possible rails
BPMG0550	Graphite black, RAL 9011	Structure	60,0 x 120,0 x 1,7	550	2,4	14,1	1
BPMG0660	Graphite black, RAL 9011	Structure	60,0 x 150,0 x 1,7	660	2,9	18,7	2
BPMG0850	Graphite black, RAL 9011	Structure	60,0 x 180,0 x 1,7	850	3,7	23,3	3

Towel rail options available

Article number	Colour	Type	Size (cm)
BEE0430	Brushed stainless steel	Open on one side	43,0 x 4,0 x 0,5
BEE0550	Brushed stainless steel	Open on one side	55,0 x 4,0 x 0,5
BEE0650	Brushed stainless steel	Continuously	65,0 x 4,0 x 0,5

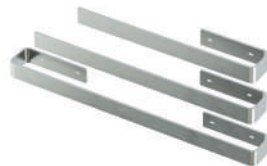
This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



Bathroom heater Metal sand

Technical Data:

Front: Metal, stove-enamelled
 Model: BP Metal
 Colour: Sand
 Surface: Structure
 Power supply: 1/N/PE 230 V
 Frequency: 50 Hz
 IP rating: IP X4
 Protection class: I
 Heating technology: ESHC plus, dual heating system
 Connection cable: 650 mm, white
 Plug: with **precon** plug-in system
 Assembly: Wall



dual
heating system

Article number	Colour	Surface	Size (cm)	Power (W)	Current (A)	Weight (kg)	Number of possible rails
BPSA0550	Sand colored	Structure	60,0 x 120,0 x 1,7	550	2,4	14,1	1
BPSA0660	Sand colored	Structure	60,0 x 150,0 x 1,7	660	2,9	18,7	2
BPSA0850	Sand colored	Structure	60,0 x 180,0 x 1,7	850	3,7	23,3	3

Towel rail options available

Article number	Colour	Type	Size (cm)
BEE0430	Brushed stainless steel	Open on one side	43,0 x 4,0 x 0,5
BEE0550	Brushed stainless steel	Open on one side	55,0 x 4,0 x 0,5
BEE0650	Brushed stainless steel	Continuously	65,0 x 4,0 x 0,5

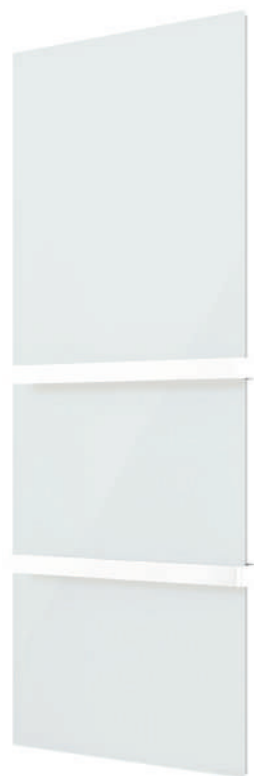
This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



Bathroom heater SET Metal white including white towel rail

Technical Data:

Front:	Metal, powder-coated
Model:	BKMW Metal
Colour:	white, RAL 9003
Surface:	Silky matte
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IP X4
Protection class:	I
Heating technology:	ESHC plus, dual heating system
Connection cable:	650 mm, white
Plug:	with precon ® plug-in system
Assembly:	Wall



dual
heating system

Article number	Colour	Surface	Size (cm)	Power (W)	Current (A)	Weight (kg)	Number of possible rails
BKMWO660	white, RAL 9003	Silky matte	60,0 x 150,0 x 1,7	660	2,9	18,7	2

This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)





Infrared radiant heaters

Welltherm offers intelligent and energy-efficient heating solutions for outdoor areas and temporarily used spaces, such as garages, conservatories, and production halls.

The Welltherm infrared radiant heaters are high-performance and efficient heating devices with a discreet design. They are available in classic and glass variants. The very short warm-up phase and unobtrusive, invisible heat ensure perfect heating of semi-open terraces, loggias, verandas,

balconies, as well as conservatories, greenhouses, party basements, garden sheds, and storage and production halls.

For eco-design compliant operation and precise control of room temperature, combine the radiant heaters with our wireless thermostat series, type DE.

Optionally, stepless adjustment is possible via the Vida dimmer, either using a remote control or through our app.



Radiant heaters

Infrared dark radiant
heater

Invisible heat, tangible comfort



HP Classik black

Technical Data:

Model:	HP Classic
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IPX4
Area to be heated:	10 - 15 m²
Technology:	Ceramic radiant heater
Connection cable:	185 cm
Connections:	Stripped cable ends
Installation height:	From 1,80 m
Assembly:	Wall & Ceiling



Article number	Size (cm)	Power (W)	Heating elements	Weight (kg)	Colour
HPKS1950	75,9 x 9,5 x 17,1	1950	3 Ceramic radiant heater a 650 W	4,0	Black
HPKS1300	50,9 x 9,5 x 17,1	1300	2 Ceramic radiant heater a 650 W	3,0	Black
HPKS0650	26,0 x 9,5 x 17,1	650	1 Ceramic radiant heater a 650 W	1,7	Black

Article number	Model	Size (cm)	Weight (kg)	Colour
14214	Ceiling bracket	9,5 x 30,0	0,4 kg	Stainless steel bright, uncoated

This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



HP Glass black

Technical Data:

Model:	HP Glass
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IPX4
Area to be heated:	10 - 15 m²
Technology:	Ceramic radiant heater
Connection cable:	185 cm
Connections:	Stripped cable ends
Installation height:	From 1,80 m
Assembly:	Wall & Ceiling



Article number	Size (cm)	Power (W)	Heating elements	Weight (kg)	Colour
HPGS1950	76,7 x 9,5 x 17,1	1950	3 Ceramic radiant heater a 650 W	4,6	Black
HPGS1300	51,7 x 9,5 x 17,1	1300	2 Ceramic radiant heater a 650 W	3,3	Black
HPGS0650	26,7 x 9,5 x 17,1	650	1 Ceramic radiant heater a 650 W	1,9	Black

Article number	Model	Size (cm)	Weight (kg)	Colour
14214	Ceiling bracket	9,5 x 30,0	0,4 kg	Stainless steel bright, uncoated

This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



HP Classic white

Technical Data:

Model:	HP Classic
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IPX4
Area to be heated:	10 - 15 m ²
Technology:	Ceramic radiant heater
Connection cable:	185 cm
Connections:	Stripped cable ends
Installation height:	From 1,80 m
Assembly:	Wall & Ceiling



Article number	Size (cm)	Power (W)	Heating elements	Weight (kg)	Colour
HPKW1950	75,9 x 9,5 x 17,1	1950	3 Ceramic radiant heater a 650 W	4,0	White
HPKW1300	50,9 x 9,5 x 17,1	1300	2 Ceramic radiant heater a 650 W	3,0	White
HPKW0650	26,0 x 9,5 x 17,1	650	1 Ceramic radiant heater a 650 W	1,7	White

Article number	Model	Size (cm)	Weight (kg)	Colour
14214	Ceiling bracket	9,5 x 30,0	0,4 kg	Stainless steel bright, uncoated

This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



HP Glass white

Technical Data:

Model:	HP Glass
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IPX4
Area to be heated:	10 - 15 m ²
Technology:	Ceramic radiant heater
Connection cable:	185 cm
Connections:	Stripped cable ends
Installation height:	From 1,80 m
Assembly:	Wall & Ceiling



Article number	Size (cm)	Power (W)	Heating elements	Weight (kg)	Colour
HPGW1950	76,7 x 9,5 x 17,1	1950	3 Ceramic radiant heater a 650 W	4,6	White
HPGW1300	51,7 x 9,5 x 17,1	1300	2 Ceramic radiant heater a 650 W	3,3	White
HPGW0650	26,7 x 9,5 x 17,1	650	1 Ceramic radiant heater a 650 W	1,9	White

Article number	Model	Size (cm)	Weight (kg)	Colour
14214	Ceiling bracket	9,5 x 30,0	0,4 kg	Stainless steel bright, uncoated

This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



Infrared special applications

High temperature heaters

High-temperature heaters give the possibility to adjust large temperature differences to the desired temperature in a short time. This allows rooms with high ceilings to be heated efficiently. Welltherm high temperature infrared heaters are an optimal heating solution for car dealerships, industrial buildings and gyms for energy sports such as hot yoga.

Infrared floor heating for churches

Specially developed for churches, the Welltherm infrared floor heating offers an energy-saving alternative to previous heating systems, where the entire air space of the church must always be heated. Poor insulation values and extreme room heights inevitably lead to enormous energy losses. Welltherm footwell heaters, on the other hand, bring the heat specifically to where the churchgoers are sitting, thus efficiently reducing the sensation of cold. Another major advantage is the segmental

switching of grouped rows of seats, depending on the expected number of visitors. In this way, the heating of unused areas is sensibly prevented.

Infrared underfloor heating for office workplaces

Specially developed for office workplaces, the Welltherm infrared underfloor heating offers a simple and efficient solution for rooms with cold feet. With just a few screws and thanks to the mounting brackets integrated into the housing, the heater can be mounted directly under the office desk to save space. The floor and thus the entire foot space assume a pleasant temperature during heating, which the user can adjust individually to his needs.

For the control of the heating we recommend a plug-in thermostat, which automatically regulates the heating during office working hours and ensures a pleasant temperature at all times.



SPECIALS

Customized solutions and special applications

Individual & Highly Efficient



Infrared High-Temperature Heaters

Efficient Heating Solutions for Special Requirements

High-temperature heaters provide the ideal solution for quickly adjusting large temperature differences to the desired room temperature.

This makes them particularly effective for heating spaces with high ceilings, where conventional heating systems often reach their limits.

Welltherm high-temperature infrared heaters are specifically designed to overcome these challenges. They offer a premium heating solution for a variety of applications:

- Car Dealerships – Ensuring a pleasant and even warmth, even in large showrooms.
- Industrial Halls – Providing energy-efficient and targeted heating with minimal heat loss.
- Fitness Studios – Perfect for energy-intensive sports such as Hot Yoga, maintaining the required high temperatures for an optimal training experience.

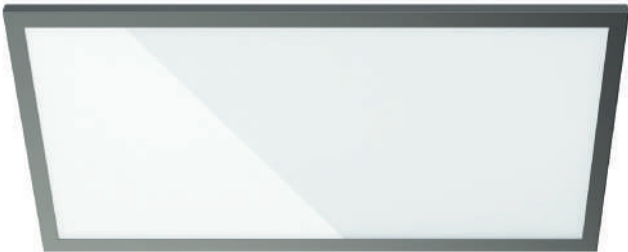
With their high efficiency and versatility, Welltherm high-temperature heaters are the perfect choice for demanding environments.



High temperature heater

Technical Data:

- Model: High temperature
- Power supply: 1/N/PE 230 V
- Frequency: 50 Hz
- IP rating: IP 20
- Protection class: I
- Heating technology: ESHC plus
- Connection cable: 650 mm, white
- Connections: Stripped cable ends
- Format (cm): 63.5 x 123.5 x 2.6
- Weight (kg): 19.1
- Frame: Yes
- Frame colour: Anthracite grey, RAL 7016
- Assembly: Ceiling



Article number	Front	Colour	Surface	Power (W)	Current (A)
HT1401	5 mm TSG-H toughened safety glass	White, similar to RAL 9016	Satin	1400	6,1

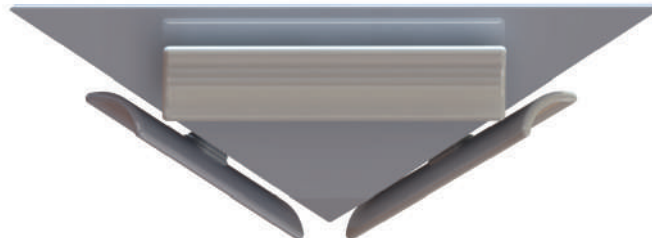
This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



HPPW1950

Technical Data:

Model:	HPPW1950
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IP20
Area to be heated:	10 - 25 m ²
Technology:	Ceramic radiant heater
Connection cable:	185 cm
Connections:	Stripped cable ends
Installation height:	From 1,80 m
Assembly:	Ceiling



Article number	Size (cm)	Power (W)	Heating elements	Weight (kg)	Colour
HPPW1950	46,5 x 10,4	1950	3 Ceramic radiant heater a 650 W	3,1	Alu

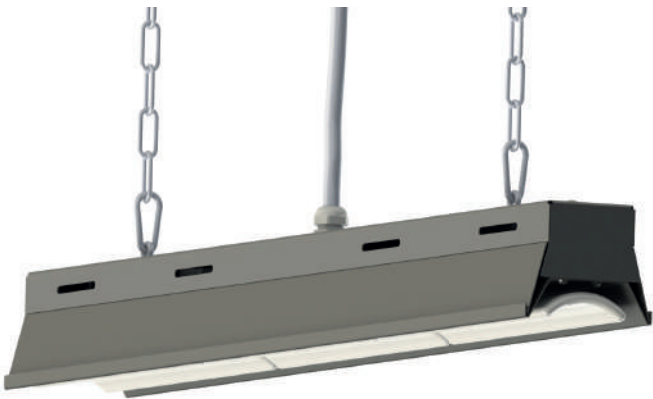
This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



HPIW1950

Technical Data:

- Model: HPIW1950
- Power supply: 1/N/PE 230 V
- Frequency: 50 Hz
- IP rating: IP20
- Area to be heated: 10 - 25 m²
- Technology: Ceramic radiant heater
- Connection cable: 185 cm
- Connections: Stripped cable ends
- Installation height: From 1,80 m
- Assembly: Ceiling



Article number	Size (cm)	Power (W)	Heating elements	Weight (kg)	Colour
HPIW1950	75,6 x 9,1	1950	3 Ceramic radiant heater a 650 W	2,6	Alu

This product must be complemented with a controller to meet the mandatory Ecodesign requirements of the EU Regulation 2024/1103. (See p. 50 ff)



Church pew heater

Technical Data:

Front:	Metal, stove-enamelled
Model:	Church pew
Colour:	Anthracite grey, RAL 7016
Surface:	Finely textured
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IP 21
Protection class:	I
Heating technology:	ESHC plus
Connection cable:	1850 mm, white
Schuko plug:	Yes



Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)
CB0100	30,0 x 60,0	100	0,4	3,5
CB0150	30,0 x 100,0	150	0,7	5,6



Desktop heater

Technical Data:

Front:	Metal, stove-enamelled
Model:	Desktop
Colour:	Anthracite grey, RAL 7016
Surface:	Finely textured
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IP 21
Protection class:	I
Heating technology:	ESHC plus
Connection cable:	1850 mm, black, with dimmer
Schuko plug:	Yes



Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)
ST0100	30,0 x 60,0	100	0,4	3,8

Control technology

Welltherm infrared heaters offer much more control technology than just a dial with numbers between 1 and 6. Against the backdrop of the energy transition and legal standards such as the Ecodesign Directive, the aim is to achieve the right comfortable temperature at all times, in every room. This makes control technology – in addition to the noticeable infrared heat radiation – a decisive factor in comfort.

A central component of this intelligent control system is our innovative precon control technology. It ensures that Welltherm heating systems can only be operated in combination with a suitable control system – in line with the Ecodesign requirements.

At the same time, precon offers maximum installation convenience: thanks to the well-thought-out plug-in concept, connecting the heating and control system is simple, safe, and time-saving—just plug in, connect, and you're done. The result is an efficient heating system that is ready for immediate use and meets the highest energy requirements.

Thermostat for Temperature Measurement (typically one per room):

How much heat should be generated? And where should this heat be created? The answer to both

questions is provided by a thermostat. In addition to setting a desired comfort temperature, the thermostat can be placed where the warmth is needed: by the seating area, on a wall, or at the dining table. The comfort thermostat also allows for settings for day and night times, holiday mode, frost protection, and much more.

Receiver for Heating Control (one per heater):

The radio receiver translates the heat demand from the thermostat into the current power requirement of the heater. For example, it ensures quick heating at the start of the day switch; when the desired temperature is reached, it simply switches off. This ensures that just the right amount of electricity is converted into heat at exactly the right time.

Smart Accessories:

Whether Welltherm heaters are controlled via an app through a router or the demand-based control is enhanced by window sensors, Welltherm control technology meets all the requirements of a modern heating system. When the desired comfort warmth is reached in the shortest time at the right location with the least energy consumption: that's when comfort meets energy efficiency!



CONTROL

Comfort meets maximum energy efficiency

Smart and innovative



precon[®] Systematic heating

Our Welltherm infrared heaters naturally meet all the requirements of the latest version of the Ecodesign Directive (2024/1103). This means we not only guarantee maximum energy efficiency and sustainability, but also future-proof heating comfort – ‘Made in Germany’.

In order to combine this claim with maximum installation convenience, we are now relying on our innovative precon[®] plug-in concept. This intelligent system ensures that our heaters can only be operated in combination with a suitable control system – in line with the Ecodesign requirements.

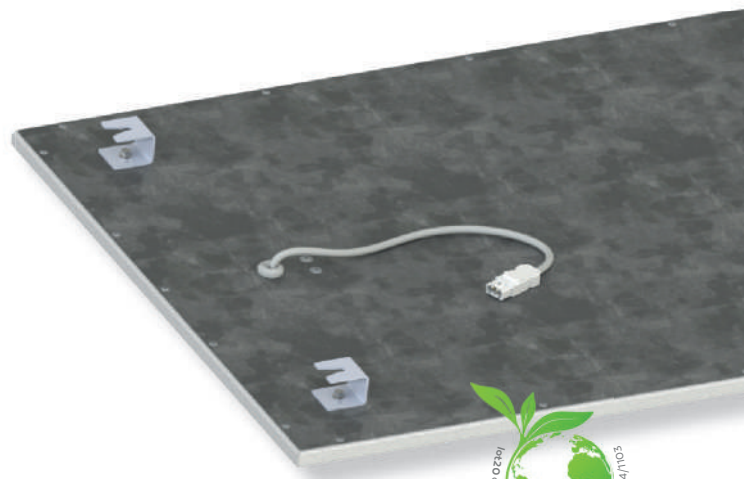
At the same time, precon[®] offers a significantly simplified and time-saving installation process : connect, plug in, done. This means you benefit from quick, safe installation – and end customers benefit from an efficient heating system that is ready for immediate use.

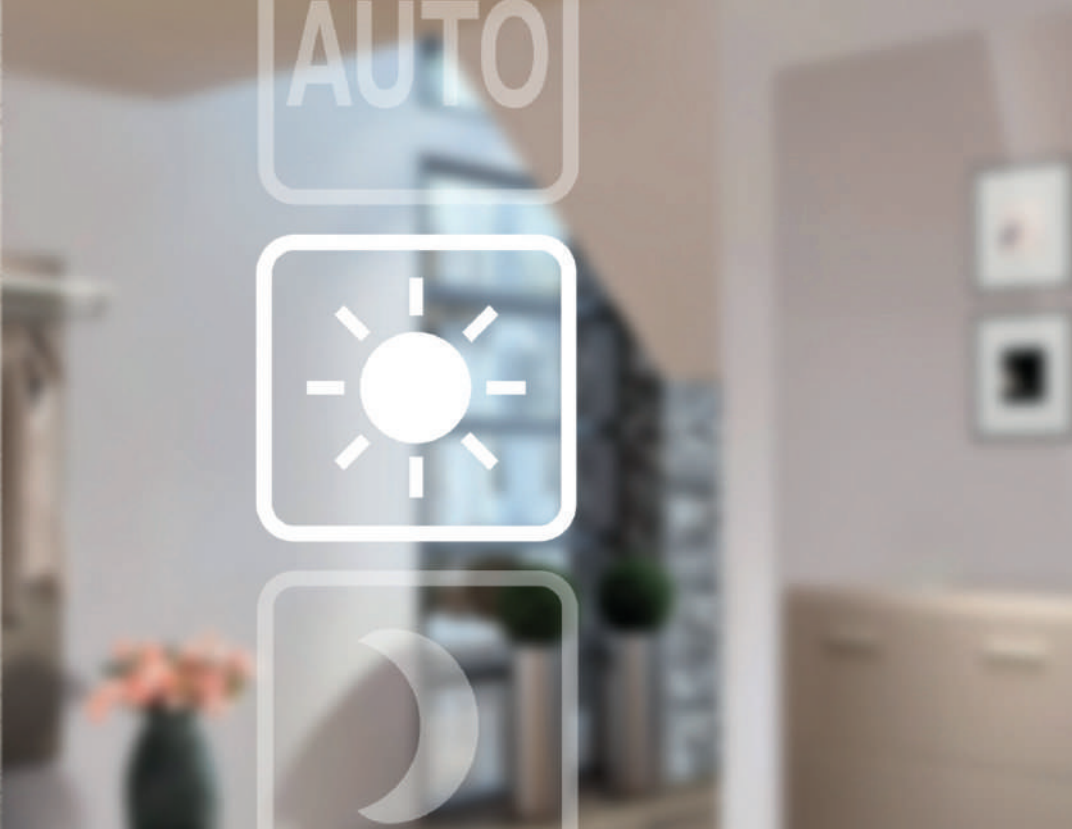
Welltherm – Efficient. Comfortable. Future-proof.

Standard delivery condition

Our infrared heating systems are supplied with our innovative precon plug-in system.

(Pre-assembled 650 mm connection cable and mounted 3-pin GST15i3 plug)





precon[®] Components & Adapters



500 mm connection cable

Article number

Model

PC0001

Page 1: 3-pin GST15i3 socket, Page 2: stripped cable ends (for connection to the receiver)



1800 mm connection cable

Article number

Model

PC0010

Page 1: 3-pin GST15i3 socket, Page 2: moulded Schuko flat plug



3-pin socket GST15i3 (on the receiver)

Article number

Model

PC0100

3-pin socket GST15i3



3-pin plug GST15i3 (on the heater)

Article number

Model

PC0101

3-pin plug GST15i3



Comfort

- Up to 10 years battery life with normal use
- Quick and easy operation via the central rotary switch
- Option: Control via smartphone & tablet
- Weekly, frost protection and party programmes
- Programming interval in half-hour increments
- Fully automatic summer/winter time adjustment
- Display of power consumption (kWh) of the assigned heating devices
- Fixed wall mounting or as a free-standing model using the plug-in base supplied
- Memory function when replacing the battery

precon®



Control elements, DE series

with precon® plug-in system

to comply with Ecodesign Regulation 2024/1103

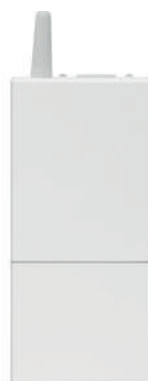


Technical Data:

Thermostat DE

Radio transmission:	bidirectional
Protocol:	X3D
Energy storage:	Lithium-ion battery
Frequency:	868 MHz
Temperature setting range:	+ 5 °C... + 30 °C
Protection class:	IP30
Colour:	white
App control possible:	yes

Further solutions in the "Overview of Control Technology" (p. 50 ff)



Technical Data:

Receiver DE

Radio transmission:	bidirectional
Protocol:	X3D
Operating voltage:	1/N/ PE 230 V
Frequency:	868 MHz
Operating temperatures:	+ 0 °C... + 40 °C
Protection class:	IPx4
Colour:	white
App control possible:	yes
Maximum current load:	16 A

Wireless thermostat set DE00050



Article number

Model

DE00050

Wireless thermostat set DE00050

Wireless thermostat DE00000 and surface-mounted receiver DE00010

Wireless thermostat DE00000



Article number

Model

DE00000

Premium wireless thermostat DE

Surface-mounted receiver DE00010



Article number

Model

DE00010

Surface-mounted receiver DE

Wireless thermostat set DE00050 - 01



Article number

Model

DE00050 - 01

Wireless thermostat set DE00050-01

Wireless thermostat DE00000 & surface-mounted receiver DE00010-01

Surface-mounted receiver DE00010 - 01



Article number

Model

DE00010 - 01

Output 1: 500 mm cable and GST15i3 socket, Output 2: Open for direct connection

Wireless thermostat set DE00050 - 11



Article number

Model

DE00050 - 11

Wireless thermostat set DE00050-11

Wireless thermostat DE00000 & surface-mounted receiver DE00010-11

Surface-mounted receiver DE00010 - 11



Article number

Model

DE00010 - 11

Output 1: 500 mm cable and GST15i3 socket, Output 2: 1,800 mm cable with Schuko flat plug



precon®



Control elements, **SA series**

with **precon®** plug-in system
to comply with Ecodesign Regulation 2024/1103



SA00050

Technical Data:

Thermostat SA

Radio transmission:	bidirectional
Protocol:	ZigBee 3.0
Energiespeicher:	rechargeable lithium-ion battery
Frequency:	2,4 GHz
Temperature setting range:	+ 5 °C... + 35 °C
Protection class:	IP30
Colour:	white
App control:	no

Further solutions in the "Overview of Control Technology" (p. 50 ff)

Technical Data:

Receiver SA

Radio transmission:	bidirectional
Protocol:	ZigBee 3.0
Operating voltage:	1/N/ PE 230 V
Frequency:	2,4 GHz
Operating temperatures:	+ 0 °C... + 50 °C
Protection class:	IP54
Colour:	white
App control:	no
Maximum current load:	10 A

Wireless thermostat set SA00050



Article number	Model
SA00050	Wireless thermostat set SA Wireless thermostat & surface-mounted receiver SA00010

Surface-mounted receiver SA00010



Article number	Model
SA00010	Surface-mounted receiver SA00010

Wireless thermostat set SA00050 - 01



Article number	Model
SA00050 - 01	Wireless thermostat set SA Wireless thermostat & surface-mounted receiver SA00010-01

Surface-mounted receiver SA00010 - 01



Article number	Model
SA00010 - 01	Output 1: 500 mm cable and GST15i3 socket, Output 2: Open for direct connection

Wireless thermostat set SA00050 - 11



Article number	Model
SA00050 - 01	Wireless thermostat set SA Wireless thermostat & surface-mounted receiver SA00010-11

Surface-mounted receiver SA00010 - 11



Article number	Model
SA00010 - 01	Output 1: 500 mm cable and GST15i3 socket, Output 2: 1800 mm cable with Schuko flat plug

Table display



Article number	Model
SA00020	Table display



Temperature Control Series WT Fixed

Technical Data:

Transmission:	Wired (three- or four-core cable)
Operating voltage:	Up to 250 V
Mounting:	in a 55mm flush-mounted box
Temperature setting range:	+5 °C... +30 °C
Operating temperatures:	0 °C... +40 °C
IP rating:	IP30
Colour:	White, similar to RAL 9010
App control:	no

Additional features

- Pre-set and customizable time programs
- Optimum start (temperature reached at the set time)
- Max. 9 switching times per day
- Short-term timer (Party mode) for hourly temperature changes
- Temperature range can be limited
- Energy consumption display



11000120

Room Thermostat Series WT Fixed

Article number	Model	Size (cm)
11000120	Room Thermostat WT Fixed	8 x 8 x 4,2 cm

Further solutions in the "Overview of Control Technology" (p. 50 ff)



Dimmer Vida

Technical Data:

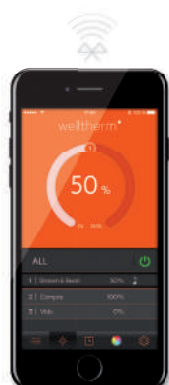
Model:	Dimmer Vida
Power supply:	1/N/PE 230 V
IP rating:	IP 65
Remote control:	Yes
App control:	Yes
IR remote control reception angle:	60° ± 5°
IR remote control range:	Approx. 6 m
Multiple dimmers can be used simultaneously:	Yes – individually controllable via the app.
Total weight	1,2 kg
Connection cable:	With Schuko plug connection



The Vida dimmer is the ideal plug-in addition to all electric radiant heaters that do not have a control system themselves. It is simply connected to the power supply via two Schuko plugs and can be controlled using the infrared remote control included in the scope of delivery or conveniently via the app.

The app can also be used to operate several dimmers individually. This means that even larger installations are no problem. Thanks to the external Bluetooth antenna, even large ranges are possible.

The radiant heaters can be operated directly on the device, via the supplied infrared remote control or via the free app. Without question, the most convenient control is via smartphone.



Article number	Model	Size (cm)
DVG3000	Dimmer Vida	11,8 x 8,8 x 4,8

Further solutions in the "Overview of Control Technology" (p. 50 ff)

Overview additional control technology

WIRELESS Temperature control

Our wireless room thermostats offer an intelligent and flexible solution for temperature control. They consist of a wireless room temperature sensor that detects the temperature and acts as a transmitter, as well as a radio receiver that is directly connected to the heating elements. For eco-design compliant operation of heating elements, additional window contacts can be integrated for remote control—ensuring maximum efficiency and comfort.

Thermostats, receivers, and accessories of the WT series

- For wireless thermostat control of the infrared heating system

Article number	Designation	Description	Size (cm)	Requirements of the Eco-Design Directive	Operation of Electric Underfloor Heating
WT00000	Wireless Thermostat WT	With weekly programming	8,5 x 8,5 x 3,3	Fulfilled in combination	
WT00010	Wireless Receiver WT	10 A/250 V with terminal strip for connecting the heater	17 x 5 x 2,8		



Thermostats, receivers, and accessories of the DE series

- For wireless thermostat control of the infrared heating system

Article number	Designation	Description	Size (cm)	Requirements of the Eco-Design Directive	Operation of Electric Underfloor Heating
DE00001	Wireless Thermostat basic DE	Non-programmable (Router required)	8,1 x 8,1 x 2,2	In combination with DE00010 or other receivers and DE00020, fulfilled	
DE00011	Socket receiver DE	10 A / 230 V with socket for Schuko plug on the heater	14,0 x 7,2 x 7,3		
DE00012	Flush-mounted receiver DE	10 A/230 V with terminal strip for connecting the heater	5,0 x 4,7 x 3,3		x
DE00020	Router Type DE	Smart home control - programmable -	10,0 x 10,0 x 2,6	Recommended in the respective combination (see above)	
DE00021	Window contact DE	Contacts for door/window or frame	10,0 x 2,6 x 2,6	Recommended in the respective combination (see above)	
DE00022	Floor sensor DE	For connecting the underfloor heating to the flush-mounted receiver	3,8 x Ø 0,6 3 m Kabel "		x





WIRED Temperature control

Wired room thermostats impress with their simple and reliable functionality. They are directly wired to the heating element and serve as precise room temperature controllers. Thanks to their straightforward installation, they are preferred in new buildings or renovation projects where the architectural conditions can be optimally considered.

Accessories of the series WT FIXED					
For thermostat control of the infrared heating via wired connection (permanent connection)					
Article number	Designation	Description	Size (cm)	Requirements of the Eco-Design Directive	Operation of Electric Underfloor Heating
11000121	Floor sensor	for WT FIXED	2 x Ø 0,8 3 m Cable		x



Additional Controls

Socket Thermostat		
Article number	Designation	Description
CD00010	Socket thermostat	Setting the desired temperature with time control





Accessories

The Welltherm accessories offer you versatile options for the ideal installation and flexible mounting of your infrared heating system.

Our thoughtful solutions range from ceiling-mounted frames and modular LED light frames to mobile stand systems—all designed to make the installation and use of your heater as comfortable and efficient as possible.

With our innovative accessories, you can optimally align and precisely position your infrared heating system.

This not only ensures even heat distribution but also contributes to a more effective and energy-efficient heating process, perfectly tailored to your individual needs.



ACCESSORIES

Intelligent accessories for customized heating solutions

Flexible & versatile

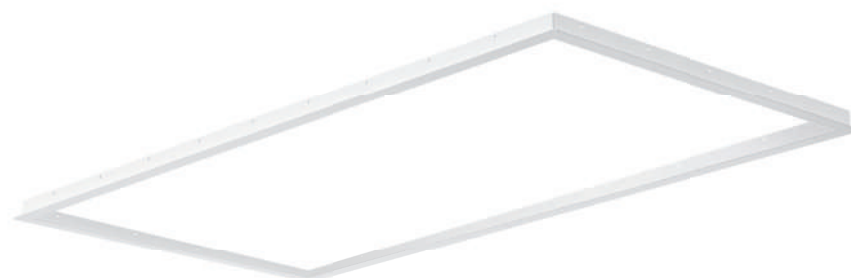




Ceiling mounting frame

Technical Data:

Front:	Metal, stove-enamelled
Model:	Recessed frames
Colour:	White, RAL 9003
Surface:	Silky matte
Assembly:	Ceiling



Article number	For heater format (cm)	Weight (kg)
EB060060	60,0 x 60,0	1,5
EB090060	60,0 x 90,0	1,9
EB120060	60,0 x 120,0	2,2
EB150060	60,0 x 150,0	2,6

LED light frame

From an energy perspective, positioning an infrared heater on the ceiling is ideal. In the case of renovations or retrofits, existing wiring can be easily utilized. However, the loss of existing ceiling lights may discourage some builders.

To address this, Welltherm has developed an LED light frame that, with or without an additional power cable, provides a pleasant warm white dimmable light alongside the comforting heat of the infrared heater.

Thanks to its modular design, it is suitable for both metal and glass heaters. Installation can be done on the wall as well as the ceiling. The light frame is particularly attractive as an accessory for wall-mounted mirror heaters.

Advantages:

- Easy and quick retrofit for wall- and ceiling-mounted infrared heaters using special magnetic holders.
- Efficient, dimmable LED technology with a pleasant warm white light.
- Installation options: Fixed connection or wireless version.

Fixed connection:

The light frame is connected to the existing lighting circuit and light switch.

Wireless connection:

The light frame is connected to the heating circuit alongside the heater. A design wall switch in the universal 5.0 x 5.0 cm format controls the light.

Designer wall switch



3 D light



Magnetic holder



EasyPlugg



LED light frame



Technical Data:

Colour:	Aluminium, RAL 9006
Light colour:	Warm white (3.000 K)
Width:	2,6 cm
IP rating:	IP20
Ambient temperature:	-20° bis + 50°C
Assembly:	Wall & Ceiling

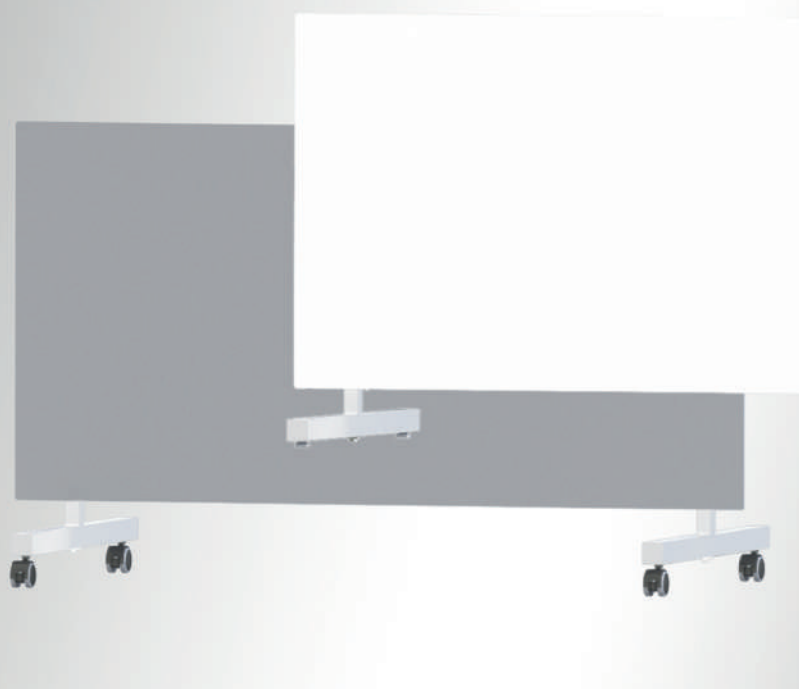
Article number	For heater format (cm)	Size (cm)	Luminous flux (lm)	Power (W)	Weight (kg)
LI060060	60,0 x 60,0	61,0 x 61,0	4.150	53	0,95
LI090060	60,0 x 90,0	61,0 x 91,0	5.150	66	1,15
LI120060	60,0 x 120,0	61,0 x 121,0	6.150	80	1,35
LI150060	60,0 x 150,0	61,0 x 151,0	7.200	93	1,60
LI120090	90,0 x 120,0	91,0 x 121,0	7200	96	1,65

Preassembled sets

Article number	Model	Size (cm)	Rated voltage	Power (W)
Fixed connection: Separate power supply for heater & light frame				
LI00300	Transformer, dimmable (voltage drop, 2 x 50 W)	17,7 x 5,7 x 22,5	220 - 240 V AC	2 x 50
Wireless connection: <u>One</u> power supply for both heater & light frame				
LI00400	Wireless switch,	5,0 x 5,0 x 1,5	220 - 240 V AC	100
	Transformer (100 W) & Dimmer	10,2 x 3,7 x 2,0	12-48 V DC	

Single parts:

Article number	Model	Size (cm)	Rated voltage	Ambient temperature
LI00040	Wireless switch	5,0 x 5,0 x 1,5	230 - 240 V AC	-20° to +50°C
LI00060	Connection cable Schuko	150,0		-20° to +50°C



- for installation of Welltherm infrared heaters close to the floor
- for infrared heaters made of glass and metal with "60" side dimension
- with and without castors
- mounting kit consisting of two feet and accessories
- made of high-quality, powder-coated steel

Floor stand

Floor stand with wheels

Article number	Model	Size (cm)	Material	Color
SF00011	HOR	63,2 x 61,0 x 3,5	high quality steel, powder coated	white

Classic floor stand

Article number	Model	Size (cm)	Material	Color
SF00012	HOS	63,2 x 61,0 x 3,5	high quality steel, powder coated	white

For mounting the following heating formats:

Heating type	Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
Metal	XX0210	59,2 x 59,2 x 1,7	210	0,9	4,5	3 to 4
Metal	XX0330	59,2 x 59,2 x 1,7	330	1,4	7,8	5 to 7
Metal	XX0340	61,8 x 61,8 x 1,7	340	1,5	8,0	5 to 7
Metal	XX0510	59,2 x 89,2 x 1,7	510	2,2	11,0	7 to 10
Metal	XX0710	59,2 x 119,2 x 1,7	710	3,1	14,0	10 to 14
Metal	XX0910	59,2 x 149,2 x 1,7	910	4,0	17,0	13 to 18
Glass	XX0370	60,0 x 60,0 x 2,2	370	1,6	9,6	5 to 7
Glass	XX0580	60,0 x 90,0 x 2,2	580	2,5	13,5	8 to 12
Glass	XX0780	60,0 x 120,0 x 2,2	780	3,4	17,3	11 to 16
Glass	XX0930	60,0 x 150,0 x 2,2	930	4,0	22,0	13 to 19

- for flexible mounting of Welltherm infra-red heaters
- space-saving, vertical mounting possible with many versions
- with castors for use at different installation locations
- assembly kit consisting of two feet with rollers and accessories
- made of high-quality, powder-coated steel



Universal stand

Universal stand

Article number	Model	Size (cm)	Material	Color
SF00010	VEHOR	164,0 x 61,0 x 3,5	high quality steel, powder coated	white

For mounting the following heating formats:

Heating type	Article number	Size (cm)	Horizontal mounting	Vertical mounting	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
Metal	XX0210	39,2 x 59,2 x 1,7		●*	210	0,9	4,5	3 to 4
Metal	XX0260	29,2 x 89,2 x 1,7		●	260	1,1	5,3	3 to 5
Metal	XX0330	59,2 x 59,2 x 1,7	●*	●*	330	1,4	7,8	5 to 7
Metal	XX0340	61,8 x 61,8 x 1,7	●*	●*	340	1,5	8,0	5 to 7
Metal	XX0360	29,2 x 119,2 x 1,7		●	360	1,6	6,9	5 to 7
Metal	XX0510	59,2 x 89,2 x 1,7	●*	●	510	2,2	11,0	7 to 10
Metal	XX0610	39,2 x 149,2 x 1,7		●	610	2,7	10,7	9 to 12
Metal	XX0710	59,2 x 119,2 x 1,7	●*	●	710	3,1	14,0	10 to 14
Metal	XX0910	59,2 x 149,2 x 1,7	●*	●	910	4,0	17,0	13 to 18
Metal	XX1000	80,0 x 120,0 x 1,7	●	●	1000	4,3	18,5	14 to 20
Metal	XX1100	90,0 x 120,0 x 1,7		●	1100	4,8	20,7	15 to 22
Metal	XX1210	75,0 x 150,0 x 1,7	●*	●	1210	5,3	21,5	17 to 24
Metal	XX1410	120,0 x 120,0 x 1,7	●	●	1410	6,1	28,0	20 to 28
Glass	XX0370	60,0 x 60,0 x 2,2	●*	●*	370	1,6	9,6	5 to 7
Glass	XX0580	60,0 x 90,0 x 2,2	●*	●	580	2,5	13,5	8 to 12
Glass	XX0780	60,0 x 120,0 x 2,2	●*	●	780	3,4	17,3	11 to 16
Glass	XX0930	60,0 x 150,0 x 2,2	●*	●	930	4,0	22,0	13 to 19
Glass	XX1250	75,0 x 150,0 x 2,2	●*	●	1250	5,4	27,5	18 to 25

Mounting in the upper part of the stand for placement behind seating furniture, sideboards, etc.



Heating element Rondo NG

Technical Data:

Model: Rondo NG with heating rod
 Power supply: 1/N/PE 230 V
 Frequency: 50 Hz
 IP rating: IP X4
 Protection class: I
 Heating technology: Rondo NG
 Connection cable: 1200 mm, white
 Schuko plug: Yes



Article number	Colour	Immersion tube (mm)	Power (W)	Current (A)
NGW0300	White	Ø 12 x 370	300	1,3
NGW0600	White	Ø 12 x 560	600	2,6
NGW0900	White	Ø 12 x 760	900	3,9
NGC0300	Chrome	Ø 12 x 370	300	1,3
NGC0600	Chrome	Ø 12 x 560	600	2,6
NGC0900	Chrome	Ø 12 x 760	900	3,9

Remote control

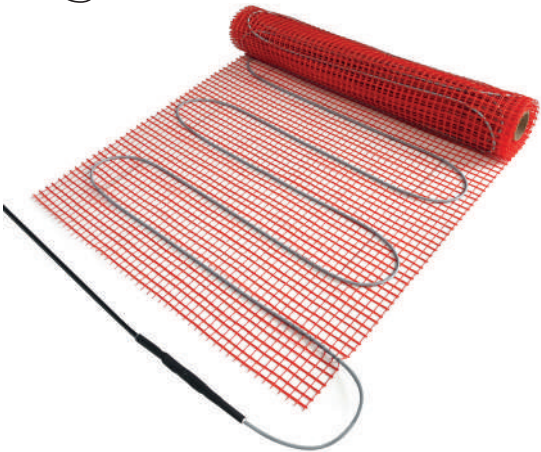
Article number	Colour	Size (cm)
NGFB001	white	13,6 x 4,8 x 2,1



Electric underfloor heating

Technical Data:

Model:	Electric heating mat
Design:	Stitched heating cable
Thickness:	3,2 mm
Power supply:	1/N/PE 230 V
Frequency:	50 Hz
IP rating:	IP X7
Protection class:	I
Connection cable:	3000 mm
Attachment:	Self-adhesive



Article number	Surface (m²)	Size (cm)	Power (W)	Current (A)	Weight (kg)
FBF0150	1,0	50,0 x 200,0	150	0,7	0,8
FBF0225	1,5	50,0 x 300,0	225	1,0	1,0
FBF0300	2,0	50,0 x 400,0	300	1,3	1,2
FBF0375	2,5	50,0 x 500,0	375	1,6	1,4
FBF0450	3,0	50,0 x 600,0	450	2,0	1,6
FBF0525	3,5	50,0 x 700,0	525	2,3	1,8
FBF0600	4,0	50,0 x 800,0	600	2,6	2,0
FBF0675	4,5	50,0 x 900,0	675	2,9	2,3
FBF0750	5,0	50,0 x 1000,0	750	3,3	2,4
FBF0900	6,0	50,0 x 1200,0	900	3,9	2,9
FBF1000	7,0	50,0 x 1400,0	1050	4,6	3,3
FBF1200	8,0	50,0 x 1600,0	1200	5,2	3,8
FBF1300	9,0	50,0 x 1800,0	1350	5,9	3,9
FBF1500	10,0	50,0 x 2000,0	1500	6,5	4,5
FBF1600	11,0	50,0 x 2200,0	1650	7,2	5,0
FBF1800	12,0	50,0 x 2400,0	1800	7,8	5,5

This product must be complemented with a controller to meet the mandatory EcoDesign requirements of EU Regulation 2024/1103. (See pages 50 ff)

