

PRODUCT INFORMATION 2023/2024

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



welltherm®



















Welltherm GmbH is one of Europe's leading companies in the field of electric heating. We manufacture premium infrared and electric heating systems for personal homes and industrial settings at our development and production site in Lüdenscheid, Germany. Selected components, careful processing and the customised production of our products promise ideal and sustainable heating comfort.

The certification of our production site in Lüdenscheid according to DIN EN ISO 9001:2015 and of our glass heaters according to VDE standards, as well as TÜV certification of our metal series, testify to their outstanding quality and product safety.

Expertise and decades of experience in the development and manufacture of heating elements for industrial applications (in laboratory apparatus, medical technology,

the automotive industry and elsewhere) set us apart from the crowd and form the basis of the excellent quality and innovation standards

of our infrared heating systems. This know-how was and is fundamental to the development and continuous improvement of the most efficient and high-quality heating systems available. We guarantee precise temperature control to the exact degree and the highest process reliability. The latest technologies, ground-breaking visions for the future and innovative products make us a strong partner in the field of electric heating.

Our infrared heating systems are hand-made customised premium products with exquisite workmanship. Premium materials, carefully selected

components, meticulous finishing and a love of detail give our products that special touch.















"Made in Germany" is known worldwide as a testament to top quality. Our heating systems are also hand-finished custom-made products of the highest quality and value. We rely on a combination of the latest techniques and traditional values to achieve perfect results for our customers. You can be assured that each of our heating systems complies with all legal requirements and has been tested and certified in the areas of safety, compatibility and environmental standards with regard to the materials used.

Our heating systems are built using carefully selected components from producers and suppliers across Germany at our production site in Lüdenscheid in the Sauerland region. We focus on the essentials during the manufacturing process and orient our technology towards people and their needs. In doing so, we pay attention to creating long-lasting and environmentally friendly products. Energy efficiency, reusability of materials and environmental compatibility of the components used are especially important during the manufacturing process. The sustainability of our infrared heaters is of particular importance to us.

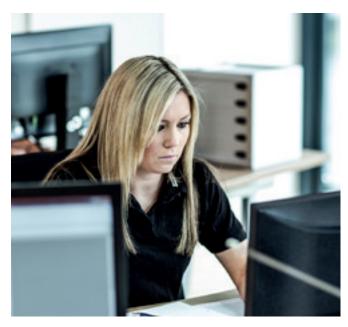
Our customers are familiar with the particular quality of Welltherm products, appreciate the transparent production process and enjoy the opportunity to acquire a unique item.

Welltherm infrared heating systems are 100 percent "Made in Germany", tested and certified.



welltherm® Quality – Made in Germany









Product Overview

Infrared heaters Glass	8/9
Glass Satino	
Glass Crystal	11
Glass Mirror	12
Glass Blackboard	13
Glass high performance infrared heater	14/15
Infrared heaters Metal	16/17
Metal	18/19
Metal Graphite	20
Metal Sand	21
Metal RAL	
Metal Picture	
Bathroom & design heaters	24/25
Bathroom heater Satino	
Bathroom heater Crystal	
Bathroom heater Mirror	28
Bathroom heater Metal white	
Bathroom heater Metal graphite black	30
Bathroom heater Metal sand	31
Control units	32/33
Wireless thermostat	
Wireless Receiver	

Router	36
Sensors and actuators	
Bathroom radiator, Type NG	38
Heating element Rondo NG	
Heating element Slim	40
Electric underfloor heating	41
nfrared radiant heater	42/43
HP Classic black	44
HP Glass black	45
HP Classic white	46
HP Glass white	47
Radiant heater Ilios	48
Dimmer Vida	49
nfrared special applications	50
High temperature heater	51
Church pew heater	
Desktop heater	
Accessories	54
Recessed ceiling frame	55
ED light frame	
Floor stand	58
Jniversal stand	59





Glass infrared heaters exactly the way you want

Individual and varied

Welltherm glass infrared heaters combine stylish design with a high degree of efficiency. Through the combination of high-quality and permanently heat-resistant TSG safety glass with its selected surface structure and our ESHC plus technology, we achieve the highest values when it comes to radiant factor and radiant percentage. This reduces energy requirements and minimises operational costs.

All heater variants are frameless. Create your infrared heater system just the way you want it and integrate it seamlessly into your living concept. From mirror heaters to customised heaters disguised as paintings – give your creativity free rein.

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 glass infrared heating systems fulfil all applicable safety requirements and have VDE certification.

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
- 1,850 mm connecting cable with Schuko plug

Technical Data:

Power supply: 1/N/PE 230 V

Frequency: 50 Hz
IP rating: IP X4

Protection class:

Heating technology: ESHC plus

Certificate: VDE certification





Glass Satino

Technical Data:

Front: 5 mm TSG-H toughened safety glass

Model: Sating

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: |

Heating technology: ESHC plus Connection cable: 1850 mm, white

Schuko plug: Yes



Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
WS0360	40,0 x 90,0 x 2,2	360	1,6	9,4	5 to 7
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
WS0625	40,0 x 150,0 x 2,2	625	2,7	15,0	9 to 13
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
WS1725	90,0 x 180,0 x 2,2	1725	7,5	29,6	25 to 35



Glass Crystal

Technical Data:

Front: 5 mm TSG-H toughened safety glass

Model: Crystal

Colour: White, similar to RAL 9016

Surface: Gloss

Power supply: 1/N/PE 230 V

Frequency: 50 Hz IP rating: IP X4

Protection class:

Heating technology: ESHC plus
Connection cable: 1850 mm, white

Schuko plug: Yes



Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
WG0360	40,0 x 90,0 x 2,2	360	1,6	9,4	5 to 7
WG0370	60,0 x 60,0 x 2,2	370	1,6	9,6	5 to 7
WG0580	60,0 x 90,0 x 2,2	580	2,5	13,5	8 to 12
WG0625	40,0 x 150,0 x 2,2	625	2,7	15,0	9 to 13
WG0780	60,0 x 120,0 x 2,2	780	3,4	17,3	11 to 16
WG0930	60,0 x 150,0 x 2,2	930	4,0	22,0	13 to 19
WG1250	75,0 x 150,0 x 2,2	1250	5,4	27,5	18 to 25



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: 1850 mm, white

Schuko plug: Yes



Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
SP0360	40,0 x 90,0 x 2,2	360	1,6	9,4	5 to 7
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
SP0625	40,0 x 150,0 x 2,2	625	2,7	15,0	9 to 13
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
SP1725	90,0 x 180,0 x 2,2	1725	7,5	29,6	25 to 35



Glass Blackboard

Technical Data:

Front: 5 mm TSG-H toughened safety glass

Model: Pane

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:

Heating technology: ESHC plus Connection cable: 1850 mm, white

Schuko plug: Yes



Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
TA0370	60,0 x 60,0 x 2,2	370	1,6	9,6	5 to 7
TA0580	60,0 x 90,0 x 2,2	580	2,5	13,5	8 to 12
TA0625	40,0 x 150,0 x 2,2	625	2,7	15,0	9 to 13
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





Glass high-performance IR heating

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: 1850 mm, white

Schuko plug: Yes

Article number	Size (cm)	Power (W)	IP rating	Weight (kg)
WS0500	600 x 600 x 22	500	IP X4	9,6
WS0750	600 x 900 x 22	750	IP X4	13,5
WS1000	600 x 1200 x 22	1000	IP X4	17,3
WS1300	600 x 1500 x 22	1300	IP X4	22,0





Metal heaters with a very high heat output

Robust and durable

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
- 1,850 mm connecting cable with Schuko plug

Technical Data:

Power supply: 1/N/PE 230 V

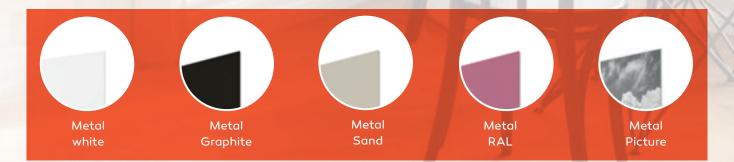
Frequency: 50 Hz

IP rating: IP 21

Protection class:

Heating technology: ESHC plus

Certificate: TÜV certification







Metal

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: 1850 mm, white

Schuko plug: Yes

Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
PB0210	39,2 x 59,2 x 1,7	210	0,9	4,5	3 to 4
PB0260	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
PB0340	61,8 x 61,8 x 1,7	340	1,5	8,0	5 to 7
PB0360	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
PB0610	39,2 x 149,2 x 1,7	610	2,7	10,7	9 to 12
PB0710	59,2 x 119,2 x 1,7	710	3,1	14,0	10 to 14
PB0910	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



Metal Graphite

Technical Data:

Front: Metal, stove-enamelled

Model: Metal Graphite

Colour: 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: 1850 mm, white

Schuko plug: Yes

Certification: Wall & Ceiling

* The color specification of the proof provided by us is always to be understood as an approximation in print. During the production of the heater, slight color deviations may occur due to the material.



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



Metal Sand

Technical Data:

Front: Metal, stove-enamelled

Model: Metal Sand

Colour: Sand*

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: 1850 mm, white

Schuko plug: Yes

Assembly: Wall & Ceiling

* The color specification of the proof provided by us is always to be understood as an approximation in print. During the production of the heater, slight color deviations may occur due to the material.



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



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: 1850 mm, white

Schuko plug: Yes

Certification: Wall & Ceiling

* The color specification of the proof provided by us is always to be understood as an approximation in print. During the production of the heater, slight color deviations may occur due to the material.



Article number	Size (cm)	Power (W)	Current (A)	Weight (kg)	Suitable for room size (m²)
FAPBO33O	59,2 x 59,2 x 1,7	330	1,4	7,8	5 to 7
FAPBO510	59,2 x 89,2 x 1,7	510	2,2	11,0	7 to 10
FAPBO710	59,2 x 119,2 x 1,7	710	3,1	14,0	10 to 14
FAPBO910	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



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:

Heating technology: ESHC plus

Connection cable: 1850 mm, white

Schuko plug: Yes

Assembly: Wall & Ceiling

* Technical requirements for the artwork: We accept images in JPEG, TIFF, & PSD

formats.

Format of the artwork: final format of the heating with min. 72 dpi resolution. The color specification of the proof provided by us is always to be understood as an approximation in print. During the production of the heater, slight color deviations may occur due to the material.



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

Welltherm Bathroom and design heater

Radiant heat sources for your home

The infrared bathroom heaters from the BKW Plus series offer an unprecedented variety of variants. In addition to numerous colors and sizes, it is possible to equip the heaters with solid and at the same time noble towel bars in different lengths and surfaces.

Take the freedom to implement your own individual ideas. Whether rather plain, with matt surfaces, elegant with shiny glass fronts, or extravagant printed with your own picture motif or a desired color from the RAL color palette - the range of possibilities is enormous. Everyone is guaranteed to find the right solution here.

But the BKW Plus series is not only visually appealing, the Welltherm bathroom radiators are also technically convincing. The integrated, dual heating system combines the comfort of energy-optimized towel drying in the lower part of the heaters with powerful room heating in the upper part. Of course, all heaters of the BKW Plus series meet the requirements of zone 2 (IPX4) and may therefore be operated directly next to a shower or bathtub.

Comfort:

- Simple control via a single room thermostat, which centrally operates 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 temperature control via a powerful heating element in the upper part of the bathroom heater.
- High diversity of variants in performance, size, color and surface with a total of 6 different towel rails (attachment possible on the left or right).





Bathroom heater





Towel rails

Article number	Front	Model	Size (cm)
BEC0430	Chrome	Open on one side	43,0 x 4,0 x 0,5
BEC0550	Chrome	Open on one side	55,0 x 4,0 x 0,5
BEC0650	Chrome	Continuously	65,0 x 4,0 x 0,5
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



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: 1850 mm, white

Schuko plug: Yes 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



Bathroom heater Crystal

Technical Data:

Front: 5 mm TSG-H toughened safety glass

Modell BP Crystal

Colour: White, similar to RAL 9016

Surface: Gloss

Power supply: 1/N/PE 230 V

Frequency: 50 Hz IP rating: IP X4

Protection class:

Heating technology: ESHC plus, dual heating system

Connection cable: 1850 mm, white

Schuko plug: Yes Assembly: Wall





Article number	Colour	Surface	Size (cm)	Power(W)	Current(A)	Weight (kg)	Number of possible rails
BPWG0550	White, similar to RAL 9016	Gloss	60,0 x 120,0 x 2,2	550	2,4	16,2	1
BPWG0660	White, similar to RAL 9016	Gloss	60,0 x 150,0 x 2,2	660	2,9	20,3	2
BPWG0850	White, similar to RAL 9016	Gloss	60,0 x 180,0 x 2,2	850	3,7	24,5	3



Bathroom heater Mirror

Technical Data:

Front: 5 mm TSG-H toughened safety glass

Model: BP 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, dual heating system

Connection cable: 1850 mm, white

Schuko plug: Yes Assembly: Wall





Article number	Colour	Surface	Size (cm)	Power(W)	Current(A)	Weight (kg)	Number of possible rails
BPSP0550	Mirror	Gloss	60,0 x 120,0 x 2,2	550	2,4	16,2	1
BPSP0660	Mirror	Gloss	60,0 x 150,0 x 2,2	660	2,9	20,3	2



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: 1850 mm, white

Schuko plug: Yes Assembly: Wall





Article number	Colour	Surface	Size (cm)	Power(W)	Current(A)	Weight (kg)	Number of possible rails
ВРРВО55О	White, RAL 9003	Silky matte	60,0 x 120,0 x 1,7	550	2,4	14,1	1
BPPBO660	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



Bathroom heater Metal graphite black

Technical Data:

Front: Metal, stove-enamelled

Model: BP Metal

Colour: Graphite black, RAL 7016

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: 1850 mm, white

Schuko plug Yes Assembly: Wall





Article number	Colour	Surface	Size (cm)	Power (W)	Current(A)	Weight (kg)	Number of possible rails
ВРМG0550	Graphite black, RAL 7016	Structure	60,0 x 120,0 x 1,7	550	2,4	14,1	1
BPMG0660	Graphite black, RAL 7016	Structure	60,0 x 150,0 x 1,7	660	2,9	18,7	2
BPMG0850	Graphite black, RAL 7016	Structure	60,0 x 180,0 x 1,7	850	3,7	23,3	3



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: 1850 mm, white

Schuko plug: Yes Assembly: Wall





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

Control technology: comfort meets energy efficiency.

Smart and innovative

Welltherm infrared heaters offer much more control technology than a rotary knob with numbers between 1 and 6. Against the backdrop of the energy transition and legal standards such as the Eco-Design Directive, the aim is to achieve the right feel-good temperature at any time, in any room. Thus, the control technology - in addition to the noticeable infrared heat radiation - becomes a decisive feel-good factor. This consists of different components. And with the best thereby is: 95 per cent of all applications are regulated without cables over radio connections between thermostat and radio receiver.

Radio thermostat for temperature measurement (usually one per room):

How much heat should be generated? And where should this heat be generated? The answer to both questions is provided by a thermostat. In addition to setting a desired feel-good temperature, the thermostat can also be placed at the location where it should be generated: At the seating area, on a wall or at the dining table. The comfort thermostat also allows settings for day and night times in a weekly rhythm, vacations, frost protection and much more.

Radio receivers for heating control

(one for each heating system):

The radio receiver translates the thermostat's heat request into the heating system's current power demand. For example, it ensures rapid heating at the start of the day; when the set temperature is reached, it simply switches off. This ensures that just the right amount of electricity is converted to heat at just the right time.

Smart accessories:

Regardless of whether Welltherm heaters are controlled via a router using an app or whether the demand-based control is supplemented by window sensors - compared to many other heating systems, Welltherm control technology meets all the requirements of a modern heating system.

When the desired feel-good warmth is achieved in the shortest possible time in the right place with the lowest energy consumption: Then comfort meets energy efficiency!





Comfort:

- Up to 10 years battery life with normal use
- Quick and simple control using the central dial
- Option: Smartphone & tablet control
- Weekly, frost protection and party programs
- Programming interval in 30-minute increments
- Fully automatic summer/winter time adjustment
- Power consumption display (kWh) for the assigned heaters
- Fixed wall mounting or as a standalone model using the supplied base attachment
- Memory function when replacing batteries

Wireless thermostat

Technical Data:

Wireless transmission: Bidirectional

Protocol: X3D

Frequency: 868 MHz

Temperature setting range: +5 °C... +30 °C

Operating temperatures: +0 °C... +40 °C

IP rating:

Colour: White, similar to RAL 9010

App control: Yes



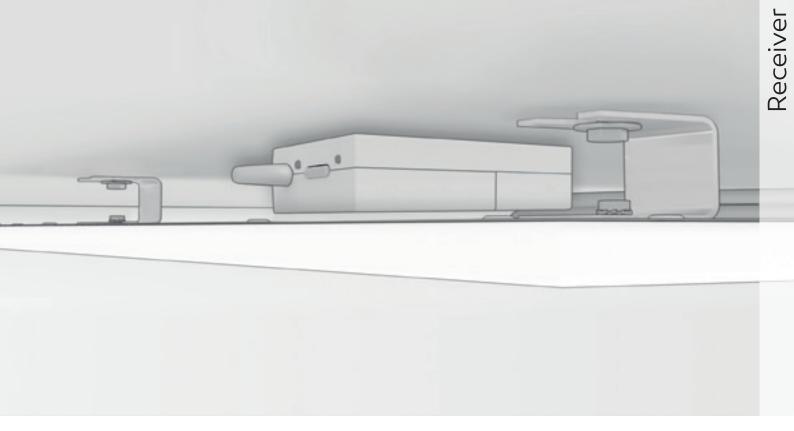






DE00001

Article number	Size (cm)	Model	Programmable	Display colours	Battery lifetime
DE00000	13.5 x 8.1 x 2.2	Wireless thermostat premium	Yes	Green, orange, red	8-10 years
DE00001	8.1 x 8.1 x 2.2	Wireless thermostat basic	No	Blue	8-10 years



Receiver

Technical Data:

Wireless transmission: Bidirectional

Protocol: X3D

Frequency: 868 MHz

Range: Up to 300 m in unobstructed terrain

Standby consumption: Approx. 0.45 W Power supply: 1/N/PE 230 V

Colour: White, similar to RAL 9010

App control: Yes





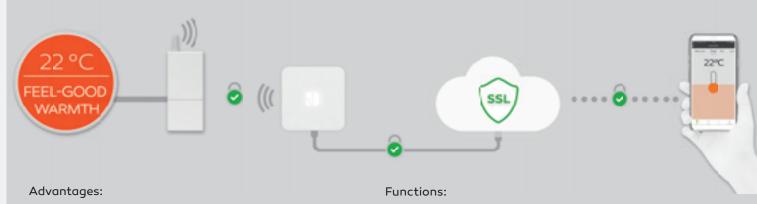


DE00011



DE00012

Article number	Model	Size (cm)	Switching capacity(A)	Connection type
DE00010	Surface-mounted receiver	12,0 x 5,4 x 2,5	16	Terminal strip
DE00011	Plug socket receiver	14,0 x 7,2 x 7,3	16	Plug-in terminal
DE00012	Flush-mounted receiver	5,0 x 4,7 x 3,3	10	Terminal strip



- Program your home according to your lifestyle.
- Simplify your everyday life and control your devices via the app or voice control.
- Save energy thanks to the possibility of programming compatible simple thermostats through the app.
- Control of Smart Home devices via smartphone, tablet or voice control.
- Many possible uses in the Smart Home: protection of family and property, control of thermal comfort, automation of roller shutters, lighting control, consumption display.
- Real-time status display of smart devices
- Creation of scheduled or on-demand routines adapted to habits (arrival, departure, etc.)

Router

Technical Data:

Wireless transmission: Bidirectional

Protocol: X3D, ZigBee, X2D

LAN port: Yes

Range: Up to 300 m in unobstructed terrain

Operating temperatures: 0 °C +40 °C

IP rating: IP30

Power supply: 1/N/PE 230 V

Colour: White, similar to RAL 9010

App control:



Article number Size (cm) Mode

DE00020 Router Type DE 10,0 x 10,0 x 2,6



Sensors and actuators





Article number	Model	Size (cm)
DE00021	Opening detector	10,0 x 10,0 x 3,0
DE00022	Floor sensor for underfloor heating	3,8 x O,6





Bathroom radiator type NG

Technical Data:

Surface: Metal, powder coated

Model: Bathroom radiator, model NG - electric

Colour: White, similar to RAL 9016

Power supply: 1/N/PE 230 V

Frequency: 50 Hz IP rating: IP X4

Protection class: I

Heating technology: Constant power Connection cable: 1500 mm, white

Schuko plug: Yes Assembly: Wall





Article number	Size (cm)	Power (W)	Current (A)
CWA0508	50,0 x 80,0	300	1,3
CWA0512	50,0 x 120,0	600	2,6
CWA0515	50,0 x 150,0	600	2,6
CWA0518	50,0 x 180,0	900	3,9



Heating element Rondo NG

Technical Data:

Model: Rondo NG
Power supply: 1/N/PE 230 V

Frequency: 50 Hz IP rating: IP X4 Protection class: I

Heating technology: Constant power Connection cable: 1500 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 × 4,8 × 2,1	



Heating element SLIM

Technical Data:

Model: SLIM-R

Power supply: 1/N/PE 230 V

Frequency: 50 Hz IP rating: IP X4

Protection class:

Heating technology: Constant power

Connection cable: 1500 mm

Schuko plug: Yes





Article number	Immersion tube	Power (W)	Current (A)	Housing colour	Cable colour
SLMCP8W0300SC	Ø 12 x 370 mm	300	1,3	White	White
SLMCP8W0600SC	Ø 12 x 560 mm	600	2,6	White	White
SLMCP8W0900SC	Ø 12 x 760 mm	900	3,9	White	White
SLMCP8W1200SC	Ø 12 x 900 mm	1200	5,2	White	White
SLMCP8C0300SC	Ø 12 x 370 mm	300	1,3	Chrome	White
SLMCP8C0600SC	Ø 12 x 560 mm	600	2,6	Chrome	White
SLMCP8C0900SC	Ø 12 x 760 mm	900	3,9	Chrome	White
SLMCP8C1200SC	Ø 12 x 900 mm	1200	5,2	Chrome	White
SLMCP8A0300SC	Ø 12 x 370 mm	300	1,3	Anthracite	Dark grey
SLMCP8A0600SC	Ø 12 x 560 mm	600	2,6	Anthracite	Dark grey
SLMCP8A0900SC	Ø 12 x 760 mm	900	3,9	Anthracite	Dark grey
SLMCP8A1200SC	Ø 12 x 900 mm	1200	5,2	Anthracite	Dark grey

Remote control

Electric underfloor heating

Technical Data:

Model: Electric heating mat
Design: Stitched heating cable

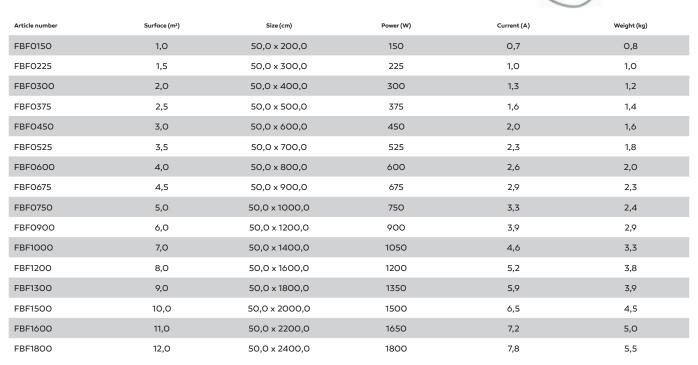
Thickness: 3,2 mm

Power supply: 1/N/PE 230 V

Frequency: 50 Hz
IP rating: IP X7
Protection class: I

Connection cable: 3000 mm

Attachment: Self-adhesive







Welltherm infrared light and dark radiator

Thermal comfort at the touch of a button

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

The Welltherminfrared heaters are very powerful and efficient heaters in a discreet design. They are available in classic and glass versions. The very short heating phase and an unobtrusive, invisible heat ensure perfect hea-

ting of both semi-open terraces, loggias, verandas, balconies as well as conservatories, glass houses, party cellars, garden sheds and warehouses and production halls.

For ecodesign compliant operation and precise control of the room temperature, combine the radiant heaters with our radio thermostat series type DE. Optionally, a stepless control by the dimmer Vida via remote control or via our app is possible.



HP Classic 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 Schuko plug: Yes



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
HPKSO650	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
13686	Bracket for tripod	3,3 × 9,5	0,1 kg	Stainless steel bright, uncoated
14214	Ceiling bracket	9,5 x 30,0	0,4 kg	Stainless steel bright, uncoated



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

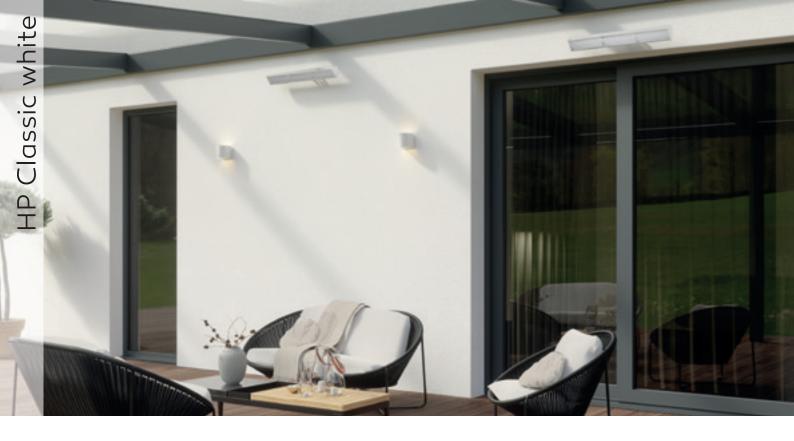
Technology: Ceramic radiant heater

Connection cable: 185 cm Schuko plug: Yes



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
13686	Bracket for tripod	3,3 × 9,5	0,1 kg	Stainless steel bright, uncoated
14214	Ceiling bracket	9,5 x 30,0	0,4 kg	Stainless steel bright, uncoated



HP Classic white

Technical Data:

Model: HP Classic
Power supply: 1/N/PE 230 V

Frequency: 50 Hz IPX4

Area to be heated: 10 - 15 m²

Technology: Ceramic radiant heater

Connection cable: 185 cm Schuko plug: Yes



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
13686	Bracket for tripod	3,3 × 9,5	0,1 kg	Stainless steel bright, uncoated
14214	Ceiling bracket	9,5 x 30,0	0,4 kg	Stainless steel bright, uncoated



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 m²

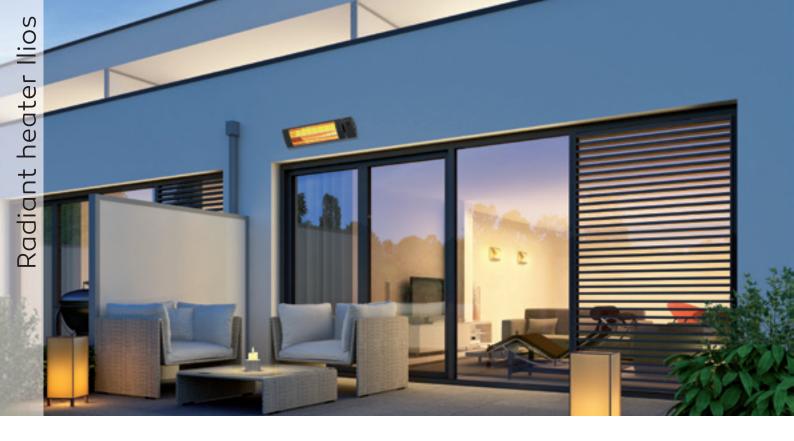
Technology: Ceramic radiant heater

Connection cable: 185 cm Schuko plug: Yes



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 × 9,5 × 17,1	1300	2 Ceramic radiant heater a 650 W	3,3	White
HPGW0650	26,7 × 9,5 × 17,1	650	1 Ceramic radiant heater a 650 W	1,9	White

Article number	Model	Size (cm)	Weight(kg)	Colour
13686	Bracket for tripod	3,3 x 9,5	0,1 kg	Stainless steel bright, uncoated
14214	Ceiling bracket	9,5 x 30,0	0,4 kg	Stainless steel bright, uncoated



Radiant heater Ilios

Technical Data:

Model: Radiant heater Ilios
Power supply: 1/N/PE 230 V

Power supply: 1/N/PE 2 Frequency: 50 Hz

IP rating: IP 65
Area to be heated: 15-18 m²

Technology: Carbon heating tube

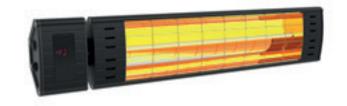
Connection cable: 180 cm Schuko plug: Yes

Installation height: From 1,80 m

Remote control: Yes

Control: Yes. 4-stage adjustable

Assembly: Wall



Article number	Size (cm)	Power (W)	Colour	Light colour
HSIL2300	14,0 x 72,5 x 13,2	2300	Black	DAZEX



Dimmer Vida

Technical Data:

Model:

Power supply:

IP rating:

Remote control:

App control:

IR remote control reception angle:

IR remote control range:

Several dimmers can be used

simultaneously

Total weight

Dimmer Vida

1/N/PE 230 V

IP 65

Yes

Yes

60°± 5°

Арргох. 6 m

Yes - each individually controlled via the App

1,2 kg



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	Colour	Size (cm)	Weight (kg)
DVG3000	Dimmer Typ Vida	Grey	11,8 x 8,8 x 4,8	1,2



Welltherm 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 plugin thermostat, which automatically regulates the heating during office working hours and ensures a pleasant temperature at all times.



High temperature heater

Technical Data:

Model: High temperature Power supply: 1/N/PE 230 V

Frequency: 50 Hz IP rating: IP 20

Protection class: |

Heating technology: ESHC plus

Connection cable: 1,850 mm, white

Schuko plug: Yes

Format (cm): $63.5 \times 123.5 \times 2.6$

Weight (kg): 19.1 Frame: Yes

Frame colour: Anthracite, RAL 7016



Article number	Front	Colour	Surface	Power (W)	Current (A)
HT1400	5 mm TSG-H toughened safety glass	White, similar to RAL 9016	Gloss	1400	6,1
HT1401	5 mm TSG-H toughened safety glass	White, similar to RAL 9016	Gloss	1400	6,1



Church pew heater

Technical Data:

Front: Metal, stove-enamelled

Model: Church pew

Anthracite, RAL 7016

Surface: Finely textured Power supply: 1/N/PE 230 V

50 Hz Frequency: IP 21 IP rating:

Protection class:

Heating technology: ESHC plus Connection cable: 1850 mm, white

Schuko plug:



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, RAL 7016

Surface: Finely textured
Power supply: 1/N/PE 230 V

Frequency: 50 Hz IP rating: IP 21

Protection class:

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
ST0150	30,0 × 100,0	150	0,7	5,9

Accessories

Attractive and efficient

The Welltherm accessories enable ideal mounting and a wide variety of mounting options for your infrared heating system.

Starting from ceiling installation frames, over modular LED light frames up to mobile stand systems - our in-

novative accessory solutions guarantee an optimal application and alignment of your infrared heating system.

For targeted heat and an even more efficient heating process.





Recessed ceiling frame

Technical Data:

Front: Metal, stove-enamelled

Model: Recessed frames
Colour: White, RAL 9003

Surface: Silky matte

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 point of view, positioning an infrared heater on the ceiling is the optimum. In the case of renovation or retrofitting, it is also easy to fall back on existing wiring. However, the loss of existing ceiling lights is a deterrent for many builders.

That is why Welltherm has developed an LED light frame that (with or without an additional power cable) emits a pleasant warm-white, dimmable light in addition to the cosy warmth of the infrared heating.

Thanks to its modular design, it is suitable for both metal and glass heaters. Installation on the wall is just as possible as on the ceiling.

The light frame is an attractive accessory especially for wall-mounted mirror heaters.

Advantages:

- Easy and quick retrofitting to wall- and ceilingmounted infrared heaters using special magnetic holders.
- Efficient, dimmable LED technology with pleasant warm white light.
- Installation either as a fixed connection or radio version:

Fixed connection:

Light frame is connected to the existing light line and light switch.

Wireless connection:

Light frame is connected to the heating line with the heating. A designer wall switch in universal 5.0×5.0 cm format controls the light.







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)
LI060060	60,0 x 60,0	61,0 x 61,0	4.150	53
L1090060	60,0 x 90,0	61,0 x 91,0	5.150	66
LI120060	60,0 x 120,0	61,0 x 121,0	6.150	80
LI150060	60,0 x 150,0	61,0 x 151,0	7.200	93
LI120090	90,0 x 120,0	91,0 x 121,0	7200	96

Preassembled sets

Article number	Model	Size (cm)	Rated voltage	Power (W)
Fixed connection				
LI00300	Transformer, dimmable (voltage sink, $2 \times 50 \mathrm{W}$)	$17,7 \times 5,7 \times 22,5$	220 - 240 V AC	2 x 50
Wireless connection				
1100400	Wireless switch	5,0 x 5,0 x 1,5	220 - 240 V AC	100
LI00400	Transformer (100 W) & Dimmer	10,2 x 3,7 x 2,0	12-48 V DC	100

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
LI00070	Transformer & Dimmer (Wireless connection)	10,2 x 3,7 x 2,0	12-48 V DC	-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 rollers

Article number	Model	Size (cm)	Material	Color
SF00011	HOR	632 x 610 x 35	high quality steel, powder coated	White
Floor stand classic				
Article number	Model	Size (cm)	Material	Color
SF00012	HOS	632 x 610 x 35	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 - 4
Metal	XX0330	59,2 x 59,2 x 1,7	330	1,4	7,8	5 - 7
Metal	XX0340	61,8 x 61,8 x 1,7	340	1,5	8,0	5 - 7
Metal	XX0510	59,2 x 89,2 x 1,7	510	2,2	11,0	7 - 10
Metal	XX0710	59,2 x 119,2 x 1,7	710	3,1	14,0	10 - 14
Metal	XX0910	59,2 x 149,2 x 1,7	910	4,0	17,0	13 -18
Glass	XX0370	60,0 x 60,0 x 2,2	370	1,6	9,6	5 - 7
Glass	XX0580	60,0 x 90,0 x 2,2	580	2,5	13,5	8 - 12
Glass	XX0780	60,0 x 120,0 x 2,2	780	3,4	17,3	11 - 16
Glass	XX0930	60,0 x 150,0 x 2,2	930	4,0	22,0	13 - 19

- for flexible mounting of Welltherm infrared 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	1640 x 610 x 35	high quality steel, powder coated	White

For mounting the following heating formats:

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 - 4
Metal	XX0260	29,2 x 89,2 x 1,7		•	260	1,1	5,3	3 - 5
Metal	XX0330	59,2 x 59,2 x 1,7	•*	•*	330	1,4	7,8	5 - 7
Metal	XX0340	61,8 x 61,8 x 1,7	*	•*	340	1,5	8,0	5 - 7
Metal	XX0360	29,2 x 119,2 x 1,7		•	360	1,6	6,9	5 - 7
Metal	XX0510	59,2 x 89,2 x 1,7	*	•	510	2,2	11,0	7 - 10
Metal	XX0610	39,2 x 149,2 x 1,7		•	610	2,7	10,7	9 - 12
Metal	XX0710	59,2 x 119,2 x 1,7	*	•	710	3,1	14,0	10 - 14
Metal	XX0910	59,2 x 149,2 x 1,7	•*	•	910	4,0	17,0	13 - 18
Metal	XX1000	80,0 x 120,0 x 1,7	•	•	1000	4,3	18,5	14 - 20
Metal	XX1100	90,0 x 120,0 x 1,7		•	1100	4,8	20,7	15 - 22
Metal	XX1210	75,0 x 150,0 x 1,7	*	•	1210	5,3	21,5	17 - 24
Metal	XX1410	120,0 x 120,0 x 1,7	•	•	1410	6,1	28,0	20 - 28
Glass	XX0360	40,0 x 90,0 x 2,2		•	360	1,6	9,4	5 - 7
Glass	XX0370	60,0 x 60,0 x 2,2	•*	•*	370	1,6	9,6	5 - 7
Glass	XX0580	60,0 x 90,0 x 2,2	*	•	580	2,5	13,5	8 - 12
Glass	XX0625	40,0 x 150,0 x 2,2		•	625	2,7	15,0	9 - 13
Glass	XX0780	60,0 x 120,0 x 2,2	*	•	780	3,4	17,3	11 - 16
Glass	XX0930	60,0 x 150,0 x 2,2	•*	•	930	4,0	22,0	13 - 19
Glass	XX1250	75,0 x 150,0 x 2,2	•*	•	1250	5,4	27,5	18 - 25

 $\label{prop:eq:attachment} \text{Attachment in the upper part of the stand for placement behind seating, sideboards, etc.}$

welltherm

Welltherm GmbH Wibschla 22 58513 Lüdenscheid

t +49 (0) 2351 / 981 622-60 f +49 (0) 2351 / 981 622-66

sales@welltherm.de