Innovative heating technology Acting responsibly sustainable heating THERE WILLIAMS

PRODUCT CATALOG 2025/2026

Infrared heaters
Bathroom and designer radiators
Radiant heaters
Special applications
Control technology
Accessories



welltherm[®]

Acting responsibly – sustainable heating









WELCOME

Welltherm GmbH is one of Europe's leading companies in the field of electric heating. At our development and production site in Lüdenscheid, we manufacture high-quality infrared and electric heating systems. Carefully selected components, meticulous workmanship, and customized production of our products promise optimal and sustainable heating comfort.

Our production facility in Lüdenscheid, certified according to DIN EN ISO 9001:2015, is proof of our commitment to the highest quality and product safety.

In addition, we were one of the first manufacturers to receive the EIHA seal of approval.

Expertise and decades of experience in the development and manufacture of heating elements for industrial applications (including laboratory equipment, medical technology, and the automotive industry) set us apart and form the basis for the highest quality and innovation standards of our infrared heating systems.

This expertise was and is the basis for Bajas to develop and continuously improve 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 seal of approval.

1. Radiation efficiency according to IEC 60675-3

The key criterion for the quality seal is radiation efficiency in accordance with 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. 40% is the minimum. Welltherm infrared heaters are at the upper limit of all measured manufacturer values. The radiation efficiency under the ceiling differs from that on the wall. In general, the radiation efficiency increases with the surface area and is higher on the ceiling than on the wall.

2. Compliance with EU quality standards

Welltherm infrared heaters meet the requirements of EN 60335-1, EN 60335-2-30, and the regulations for EMC, RoHS, and WEEE. This ensures that the fundamental

European safety, environmental, and quality standards are met

3. Production monitoring

Production monitoring by TÜV Süd has been part of Welltherm's quality policy for many years. In this context, we ensure that our products are "Made in Germany" in compliance with all standards and certifications.

4. Compliance with the Ecodesign Directive

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





Welltherm complies with the Ecodesign Directive

Welltherm infrared heating systems are designed to transfer heat within a closed room in which the device is located in such a way that a specific temperature level that is comfortable for humans can be achieved and maintained. For this type of room temperature control, the environmentally friendly design of the devices used is determined by Regulation (EU) 2024/1103 (Ecodesign).

For many years, the Welltherm wireless control system has offered comprehensive energy-saving functions to create comfortable warmth with minimal energy consumption and simple operation. Of course, the Welltherm wireless

control system not only meets the minimum requirements of the Ecodesign Directive, but also achieves the best possible rating currently available through the use of a window contact switch, a router, and a thermostat with adaptive control of the start of heating. The combination of our particularly efficient ESHC+ technology and an ecologically exemplary control system underlines the values we stand for at Welltherm: responsible action and sustainable heating.

Quality - Made in Germany

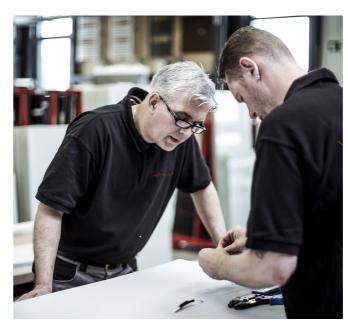
"Made in Germany" is recognized worldwide as a seal of quality for the highest standards. Our heating systems are also handmade and tailor-made products of the highest quality and value. We rely on a combination of state-of-the-art technology and traditional values to achieve the perfect result for our customers. It goes without saying that all our heating systems meet the legal requirements and have been awarded the relevant test marks for safety, compatibility, and environmental standards with regard to the materials used.

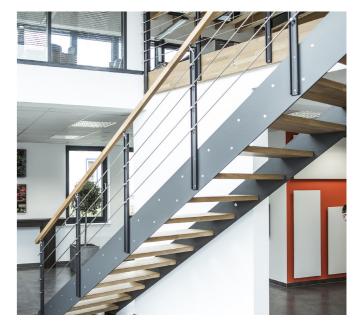
Our heating systems consist of carefully selected components from manufacturers and suppliers in Germany and are manufactured at our production facility in Lüdenscheid in the Sauerland region. In production, we focus on the essentials and gear our technology towards people and their needs. We place emphasis on durable and environmentally friendly products. During manufacturing, we place particular emphasis on energy efficiency, the recyclability of materials, and the environmental compatibility of the components used.

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







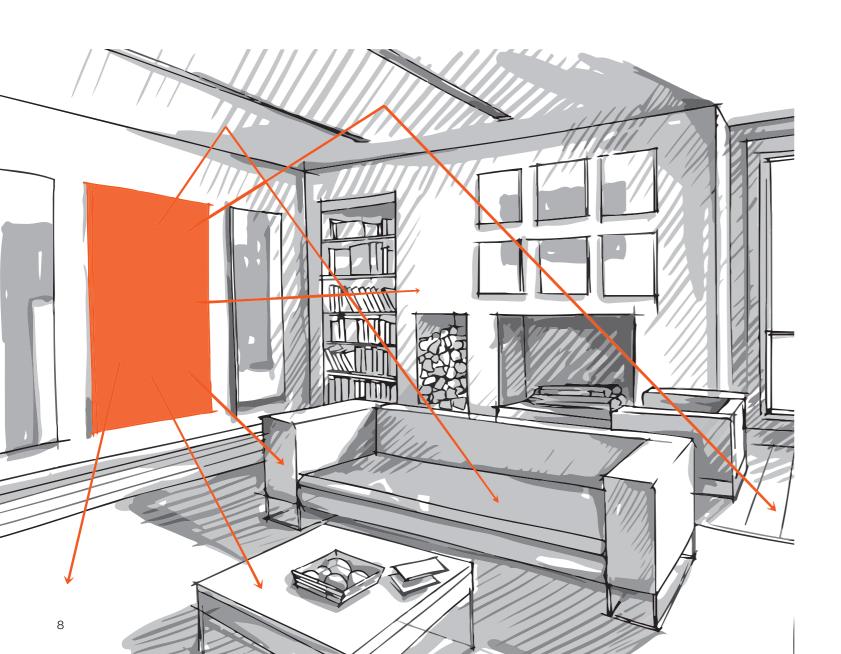




The infrared principle

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

It is precisely this principle that makes infrared heating so popular: the even distribution of heat to the room surfaces creates a particularly comfortable and healthy climate. The heat does not move through the room, but is continuously emitted from the surrounding surfaces. At the same time, infrared heating is characterized by low acquisition costs, a wide variety of designs, and very high efficiency.





The most efficient technology for sustainable heating

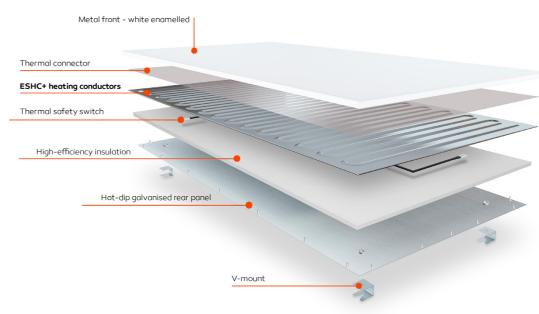
At Welltherm, we take our responsibility towards the environment and our customers seriously. This motivation led us to develop our ESHC+ technology, which is the basis of every Welltherm infrared heater and enables unparalleled efficiency.

Welltherm infrared heaters with ESHC+ achieve top marks in terms of heating time and maximum achievable temperature, resulting in outstanding radiation efficiency.

This makes Welltherm heaters among the fastest and most efficient heating systems available on the market. The very short heating-up time of ESHC+ technology guarantees fast and comfortable heating in living areas. A fast heating system pays off, especially in bathrooms where heat is only needed temporarily, as it en-

ables energy-saving, short preheating times. In addition, Welltherm's intelligent wireless thermostats feature adaptive control of the start of heating, enabling them to reach the desired comfort temperature at exactly the desired time with only minimal lead time.

This creates the perfect combination of efficient heating technology and intelligent control, enabling high comfort at low operating costs. The superiority of ESHC+ technology is mainly due to its maximum temperature of 107 °C. While comparable infrared heaters usually reach a maximum of 95 °C, Welltherm utilizes the high heat radiation effect that can be achieved in the upper temperature range of an infrared heater, thus achieving maximum heat in relation to the electrical energy used.





Wir sind für die revolutionäre ESHC+ Technologie unserer Infraredheizsysteme offiziell zum Weltmarktführer ausgezeichnet worden.

Product overview

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Metal White

Technical specifications:

Front: Metal, stove-enameled

Model: Metal

Color: white, RAL 9003

Surface: Silk matt
Voltage: 1/N/PE 230 V

Frequency: 50 Hz Protection class: IP 21

Protection class:

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

Schuko plug: yes

Mounting: Wall & ceiling

Item No.	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)	Suitable for rooms (m²)
PBO210	39,2 x 59,2 x 1,7	210	0,9	4,5	3 - 4
PBO260	29,2 x 89,2 x 1,7	260	1,1	5,3	3 - 5
PB0330	59,2 x 59,2 x 1,7	330	1,4	7,8	5 - 7
PB0340	61,8 x 61,8 x 1,7	340	1,5	8,0	5 - 7
PB0360	29,2 x 119,2 x 1,7	360	1,6	6,9	5 - 7
PBO510	59,2 x 89,2 x 1,7	510	2,2	11,0	7 - 10
PBO610	39,2 x 149,2 x 1,7	610	2,7	10,7	9 - 12
PB0710	59,2 x 119,2 x 1,7	710	3,1	14,0	10 - 14
PBO910	59,2 x 149,2 x 1,7	910	4,0	17,0	13 - 18
PB1000	80,0 x 120,0 x 1,7	1000	4,3	18,5	14 - 20
PB1100	90,0 x 120,0 x 1,7	1100	4,8	20,7	15 - 22
PB1210	75,0 x 150,0 x 1,7	1210	5,3	21,5	17 - 24
PB1410	120,0 x 120,0 x 1,7	1410	6,1	28,0	20 - 28

This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)

Metal Sand & Graphite

Technical specifications:

Front: Metal, stove-enameled Model: Metal Sand / Graphite

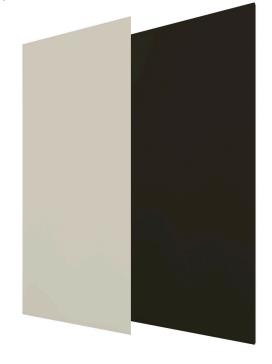
Color: Sand / Graphite
Surface: Silk matt
Voltage: 1/N/PE 230 V

Frequency: 50 Hz
Protection class: IP 21
Protection category: I

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

Schuko plug: yes

Mounting: Wall & ceiling



Sand

Item No.	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)	Suitable for rooms (m²)
PBSA0710	59,2 x 119,2 x 1,7	710	3,1	14	10 - 14
PBSA0910	59.2 x 149.2 x 1.7	910	4	17	13 - 18

Graphite

Item No.	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)	Suitable for rooms (m²)
PBMG0710	59,2 x 119,2 x 1,7	710	3,1	14	10 - 14
PBMG0910	59,2 x 149,2 x 1,7	910	4	17	13 - 18

This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)



Metal RAL

Technical specifications:

Front: Metal, stove-enameled

Model: Metal RAL

Color: RAL customizable*

Surface: Silk matt

Voltage: 1/N/PE 230 V Frequency: 50 Hz

Protection class: IP 21

Protection category:

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

Schuko plug: yes

Mounting: Wall & ceiling



This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)

* Technical note Metal RAL

Individual variety: Our infrared heaters are available in a wide range of RAL colors and can be perfectly adapted to your personal style and interior design concept.

The color specification of the proof provided by us should always be understood as an approximation in print. Due to the nature of the materials used, slight color variations may occur during the production of the heater.



^{*} The color specification provided to us should always be understood as an approximation in print. Due to the material, slight color deviations may occur during the production of the heater.



Metal Picture

Technical specifications:

Front: Metal, stove-enameled

Model: Metal Picture

Color: Picture customizable*

Surface: Silk matt
Voltage: 1/N/PE 230 V

Frequency: 50 Hz Protection class: 1P 21

Protection category:

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

Schuko plug: yes

Mounting: Wall & ceiling

Technical requirements for image files:
We accept images in JPEG, TIFF, and PSD formats. Image file format:
Heating format with a minimum of 300 dpi, min. 100 dpi.
The color specifications of the proof provided by us should always be understood as an approximation in print.



Item No.	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)	Suitable for rooms (m²)
BIPBO330	59,2 x 59,2 x 1,7	330	1,4	7,8	5 - 7
BIPBO510	59,2 x 89,2 x 1,7	510	2,2	11,0	7 - 10
BIPBO710	59,2 x 119,2 x 1,7	710	3,1	14,0	10 - 14
BIPBO910	59,2 x 149,2 x 1,7	910	4,0	17,0	13 - 18
BIPB1000	80,0 x 120,0 x 1,7	1000	4,3	18,5	14 - 20
BIPB1210	75,0 x 150,0 x 1,7	1210	5,3	21,5	17 - 24

This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)

Examples



75 v 150



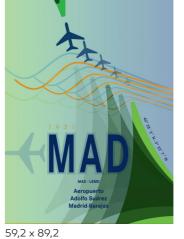
80 x 120



59,2 x 149,2



59,2 x 119,2



ALE CONT.

59,2 x 59,2

Glass Infrared heaters Welltherm Glass Infrared heaters combine stylish design with maximum efficiency. By combining high-qua-• Slim design, 22 mm thick lity, permanently heat-resistant ESG safety glass with • Small wall clearance, approx. 50 mm its selected surface structure and our ESHC+ techno- Vertical and horizontal wall mounting possible logy, we achieve maximum values in terms of radiation factor and radiation proportion. This reduces energy Ceiling mounting possible consumption and minimizes operating costs. All hea-· High-quality single-pane safety glass with heat soak ting variants are frameless. test (ESG-H) Glass edges with C-cut Choose your infrared heater to suit your individual pre- Rounded corners (radius 5 mm) ferences. Whether satin white, practical mirror, or ele-· Fireproof galvanized and black stove-enameled housing gant matte black, our infrared heaters blend discreetly • Two integrated thermal safety switches into your interior design or add deliberate accents. Highly efficient rear insulation • 1850 mm connection cable with Schuko plug Our radiators are available in portrait and landscape Technical specifications: formats as well as square and can be mounted in any position, even suspended from the ceiling. Intelligent Voltage: 1/N/PE 230 V mounting mechanisms provide a stable, secure hold. Frequency: 50 Hz Naturally, our glass infrared heaters comply with all Protection class: IP X4 applicable safety regulations and have CE approval. Protection category: I Heating technology: ESHC Plus Certificate: CE approval

Glass-Infrared heaters - the perfect combination of efficiency and design

Stylish and powerful



Glass Satino

Technical specifications:

Front: 5 mm ESG-H safety glass

Model: Satino

Color: white, similar to RAL 9016

Surface: satin finish
Voltage: 1/N/PE 230 V

Frequency: 50 Hz
Protection class: IP X4

Protection category:

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

Schuko plug: yes

Mounting: Wall & ceiling

Satino PRO Glass

Technical specifications:

Front: 5 mm ESG-H safety glass

Model: Satino

Color: white, similar to RAL 9016

Surface: satin finish
Voltage: 1/N/PE 230 V

Frequency: 50 Hz

Protection class: IP X4 Protection class: I

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

Schuko plug: yes

Installation: Ceiling, due to the increased surface temperature

Item No.	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)	Suitable for rooms (m²)
WS0370	60,0 x 60,0 x 2,2	370	1,6	9,6	5 - 7
WS0580	60,0 x 90,0 x 2,2	580	2,5	13,5	8 - 12
WS0780	60,0 x 120,0 x 2,2	780	3,4	17,3	11 - 16
WS0930	60,0 x 150,0 x 2,2	930	4,0	22,0	13 - 19
WS1250	75,0 x 150,0 x 2,2	1250	5,4	27,5	18 - 25

This are direct as not be a considered to	y a controller in order to meet the mandator		(at:a= 2024/1107 /= FO ff)
This product must be supplemented t	y a controller in order to meet the mandator	y ecodesign requirements of EO Regul	ation 2024/ 1103. (p. 30 11)

Item No.	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)	Suitable for rooms (m²)
WS0500	60,0 x 60,0 x 2,2	500	2,2	9,6	7 - 10
WS0750	60,0 x 90,0 x 2,2	750	3,3	13,5	11 - 15
WS1000	60,0 x 120,0 x 2,2	1000	4,3	17,3	14 - 20
WS1300	60,0 x 150,0 x 2,2	1300	5,7	22,0	19 - 26

This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)



Glass Mirror

Technical specifications:

Front: 5 mm ESG-H safety glass

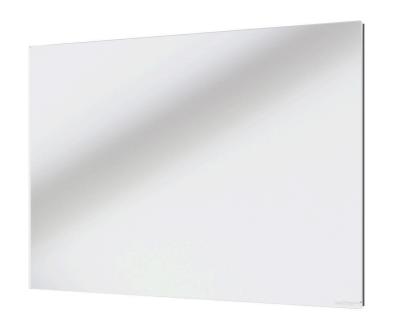
Model: Mirror
Color: Mirror
Surface: Glossy
Voltage: 1/N/PE 230 V
Frequency: 50 Hz
Protection class: IP X4

Protection category:

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

Schuko plug: Yes

Mounting: Wall & ceiling



Glass board

Technical specifications:

Front: 5 mm ESG-H safety glass

Model: Blackboard

Color: Black, similar to RAL 9005

Surface: satin finish
Voltage: 1/N/PE 230 V
Frequency: 50 Hz

Protection class: IP X4

Protection category:

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

Schuko plug: yes

Mounting: wall & ceiling



Item No.	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)	Suitable for rooms (m²)
SP0370	60,0 x 60,0 x 2,2	370	1,6	9,6	5 - 7
SP0580	60,0 x 90,0 x 2,2	580	2,5	13,5	8 - 12
SP0780	60,0 x 120,0 x 2,2	780	3,4	17,3	11 - 16
SP0930	60,0 x 150,0 x 2,2	930	4,0	22,0	13 - 19
SP1250	75,0 x 150,0 x 2,2	1250	5,4	27,5	18 - 25

TI-:-	 y a controller in order to meet the mandat	 - I-I' 2024/1107 /- E0 ft)

Item No.	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)	Suitable for rooms (m²)
TA0580	60,0 x 90,0 x 2,2	580	2,5	13,5	8 - 12
TA0780	60,0 x 120,0 x 2,2	780	3,4	17,3	11 - 16
TA0930	60,0 x 150,0 x 2,2	930	4,0	22,0	13 - 19

This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)





Bathroom radiator Satino

Technical specifications:

Front: 5 mm ESG-H safety glass

Model: BP Satino

Color: white, similar to RAL 9016

Surface: satin finish
Voltage: 1/N/PE 230 V

Frequency: 50 Hz
Protection class: IP X4

Protection class: IP
Protection category: I

Heating technology: ESHC Plus, dual heating system

Connection cable: 1850 mm, white

Schuko plug: yes Mounting: Wall



Item No.	Color	Surface	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)	Possible hangers
BPWS0550	white, similar RAL 9016	satiniert	60,0 x 120,0 x 2,2	550	2,4	16,2	1
BPWS0660	white, similar RAL 9016	satiniert	60,0 x 150,0 x 2,2	660	2,9	20,3	2
BPWS0850	white, similar RAL 9016	satiniert	60,0 x 180,0 x 2,2	850	3,7	24,5	3

Towel rack options

Item No.	Surface	Тур	Dimensions (cm)
BEEO430	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	durchgängig	65,0 x 4,0 x 0,5

Bathroom radiator Metal white

Technical specifications:

Front: Metal, stove-enameled

Model: BP Metal

Color: white, RAL 9003

Surface: silk matt
Voltage: 1/N/PE 230 V

Frequency: 50 Hz Protection class: IP X4

Protection class:

Heating technology: ESHC Plus, dual heating system

Connection cable: 1850 mm, white

Schuko plug: yes Mounting: Wall





Item No.	Color	Surface	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)	Possible hangers
BPPBO550	white, RAL 9003	seidenmatt	60,0 x 120,0 x 1,7	550	2,4	14,1	1
BPPBO660	white, RAL 9003	seidenmatt	60,0 x 150,0 x 1,7	660	2,9	18,7	2
BPPB0850	white, RAL 9003	seidenmatt	60,0 x 180,0 x 1,7	850	3,7	23,3	3

Towel rack options

owerrack	options		
Item No.	Surface	Тур	Dimensions (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	durchgängig	65,0 x 4,0 x 0,5



Bathroom radiator Metal graphite black

Technical specifications:

Front: Metal, stove-enameled

BP Metal Model:

Graphite black, RAL 7016

Surface: Textured Voltage: 1/N/PE 230 V 50 Hz Frequency:

IP X4 Protection class: Protection category:

Heating technology: ESHC Plus, dual heating system

1850 mm, white Connection cable:

Schuko plug: Mounting: Wall





Bathroom radiator Metall Sand

Technical specifications:

Front: Metal, stove-enameled

Model: BP Meta Sand Surface: Textured Voltage: 1/N/PE 230 V Frequency: 50 Hz IP X4 Protection class: Protection category:

Heating technology: ESHC Plus, dual heating system

1850 mm, white Connection cable:

Schuko plug: Yes Mounting: Wall





Item No.	Color	Surface	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)	Possible hangers
BPMG0550	graphite black, RAL 7016	strukturiert	60,0 x 120,0 x 1,7	550	2,4	14,1	1
BPMG0660	graphite black, RAL 7016	strukturiert	60,0 x 150,0 x 1,7	660	2,9	18,7	2
BPMG0850	graphite black, RAL 7016	strukturiert	60,0 x 180,0 x 1,7	850	3,7	23,3	3

Towel rack options

Item No.	Surface	Тур	Dimensions (cm)		
BEEO430	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	durchgängig	65,0 x 4,0 x 0,5		

This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)

Item No.	Color	Surface	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)	Possible hangers
BPSA0550	SandColorn	strukturiert	60,0 x 120,0 x 1,7	550	2,4	14,1	1
BPSA0660	SandColorn	strukturiert	60,0 x 150,0 x 1,7	660	2,9	18,7	2
BPSA0850	SandColorn	strukturiert	60,0 x 180,0 x 1,7	850	3,7	23,3	3

lowel rack	k options		
Item No.	Surface	Тур	Dimensions (cm)
BEEO430	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	durchgängig	65,0 x 4,0 x 0,5



Bathroom radiator SET Metal white inkl. towel rack white

Technical specifications:

Front: Metal, stove-enameled

Model: BKMW Metal Color: white, RAL 9003

Surface: textured

Voltage: 1/N/PE 230 V

Frequency: 50 Hz

Protection class: IP X4

Protection class: IP
Protection category: I

Heating technology: ESHC Plus, dual heating system

Connection cable: 1850 mm, white

Schuko plug: yes Mounting: Wall



Item No.	Color	Surface	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)	Possible hangers
BKMW0660	white, RAL 9003	seda mate	60,0 x 150,0 x 1,7	660	2,9	18,7	2

This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)







HP Classic black

Technical specifications:

Model: HP Classic

Voltage: 1/N/PE 230 V

Frequency: 50 Hz

Protection class: IPX4

Area to be heated: 10 - 15 m²
Technology: Ceramic radiator

Connection cable: 185 cm Schuko plug: yes

Installation height: from 1,80 m Mounting: Wall & ceiling



HP Glass black

Technical specifications:

Model: HP Glass

Voltage: 1/N/PE 230 V

Frequency: 50 Hz

Protection class: IPX4

Area to be heated: 10 - 15 m²

Area to be heated: 10 - 15 m²

Technology: Ceramic radiator

Connection cable: 185 cm Schuko plug: yes

Installation height: from 1,80 m Mounting: Wall & ceiling



Item No.	Dimensions (cm)	Power (W)	Heating elements	Weight (kg)	Color
HPKS1950	75,9 x 9,5 x 17,1	1950	3 Ceramic radiator a 650W	4,0	black
HPKS1300	50,9 x 9,5 x 17,1	1300	2 Ceramic radiator a 650W	3,0	black
HPKSO650	26,0 × 9,5 × 17,1	650	1 calefactor cerámico 650W	1,7	black

Ref	Modell	Dimensions (cm)	Weight (kg)	Color
14214	Deckenbügel	9,5 x 30,0	0,4 kg	Acero inoxidable, jan recubrimiento

This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)

Item No.	Dimensions (cm)	Power (W)	Heating elements	Weight (kg)	Color
HPGS1950	76,7 x 9,5 x 17,1	1950	3 Ceramic radiator a 650W	4,6	black
HPGS1300	51,7 x 9,5 x 17,1	1300	2 Ceramic radiator a 650W	3,3	black
HPGS0650	26,7 × 9,5 × 17,1	650	1 calefactor cerámico 650W	1,9	black
Ref	Modell	Dimensions (cm)	Weight (kg)	Color	
14214	Deckenbügel	9,5 x 30,0	0,4 kg	Stainless steel,	no coating

This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)



HP Klassik white

Technical specifications:

Model: HP Classic

Voltage: 1/N/PE 230 V

Frequency: 50 Hz

Protection class: IPX4

Area to be heated: 10 - 15 m²

Technology: Ceramic radiator

Connection cable: 185 cm Schuko plug: Yes

Installation height: from 1.80 m

Mounting: Wall & ceiling



HP Glass white

Technical specifications:

Model: HP Glass

Voltage: 1/N/PE 230 V

Frequency: 50 Hz

Protection class: IPX4

Area to be heated: 10 - 15 m²

Technology: Ceramic radiator

Connection cable: 185 cm Schuko plug: Yes

Installation height: from 1.80 m

Mounting: Wall & ceiling



Item No.	Dimensions (cm)	Power (W)	Heating elements	Weight (kg)	Color
HPKW1950	75,9 x 9,5 x 17,1	1950	3 Ceramic radiator a 650W	4,0	white
HPKW1300	50,9 x 9,5 x 17,1	1300	2 Ceramic radiator a 650W	3,0	white
HPKW0650	26,0 x 9,5 x 17,1	650	1 Ceramic radiator a 650W	1,7	white

Ref	Modell	Dimensions (cm)	Weight (kg)	Color
14214	Deckenbügel	9,5 x 30,0	0,4 kg	Edelstahl blank, unbeschichtet

This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)

Item No.	Dimensions (cm)	Power (W)	Heating elements	Weight (kg)	Color
HPGW1950	76,7 × 9,5 × 17,1	1950	3 Ceramic radiator a 650W	4,6	white
HPGW1300	51,7 x 9,5 x 17,1	1300	2 Ceramic radiator a 650W	3,3	white
HPGW0650	26,7 × 9,5 × 17,1	650	1 Ceramic radiator 650W	1,9	white
Ref	Modell	Dimensions (cm)	Weight (kg)	Color	
14214	Deckenbügel	9,5 x 30,0	0,4 kg	Edelstahl blank, ur	nbeschichtet
14214	Deckenbügel	9,5 x 30,0	0,4 kg	Edelstahl blank, ur	nbeschichtet

This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)





Welltherm high-temperature infrared heaters are

specially designed to overcome such challenges. They

are a first-class heating solution for a wide range of

applications:

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

High-temperature heating

Technical specifications:

Protection class:

Model: High temperature

Voltage: 1/N/PE 230 V

Frequency: 50 Hz

Protection class: IP 20

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

Schuko plug: Yes

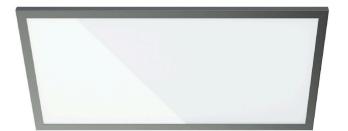
Dimensions (cm): 63.5 x 123.5 x 2.6

Weight (kg): 19.1

Frame: Yes

Frame color: Anthracite, RAL 7016

Installation: Ceiling



Item No.	Front	Color	Surface	Power (W)	Amperage (A)
HT1401	5 mm SafetyGlass Typ ESG-H	white, similar RAL 9016	satiniert	1400	6,1

This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)



HPPW1950

Technical specifications:

Model: HPPW1950

Voltage: 1/N/PE 230 V

Frequency: 50 Hz

Protection class: IP20

Area to be heated: 10 - 25 m²

Technology: Ceramic radiator

Connection cable: 185 cm Schuko plug: Yes

Installation height: from 1.80 m Mounting: Ceiling

Fastening: Eyelets provided, no additional fastening materials required



Technical specifications:

Model: HPIW1950

Voltage: 1/N/PE 230 V

Frequency: 50 Hz

Protection class: IP20

Area to be heated: 10 - 25 m²

Technology: Ceramic radiator

Connection cable: 185 cm

Schuko plug: Yes
Installation height: from 1.80 m
Mounting: Ceiling

Fastening: Eyelets provided, no additional fastening materials required



Item No.	Dimensions (cm)	Power (W)	Heating elements	Weight (kg)	Color
HPPW1950	46,5 x 10,4	1950	3 Ceramic radiator a 650W	3,1	Alu

This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)

Item No.	Dimensions (cm)	Power (W)	Heating elements	Weight (kg)	Color
HPIW1950	75,6 x 9,1	1950	3 Ceramic radiator a 650W	2,6	Alu

This product must be supplemented by a controller in order to meet the mandatory ecodesign requirements of EU Regulation 2024/1103. (p. 50 ff)



Church pew heating

Technical specifications:

Front: Metal, stove-enameled

Model: Church pew

Color: Anthracite, RAL 7016

Surface: Fine texture Voltage: 1/N/PE 230 V

Frequency: 50 Hz
Protection class: IP 21

Protection category:

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

Schuko plug: ye



Desk heater

Technical specifications:

Front: Metal, stove-enameled

Model: Desk

Color: Anthracite, RAL 7016

Surface: Fine texture
Voltage: 1/N/PE 230 V
Frequency: 50 Hz

Protection class: IP 21
Protection category: I

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

Schuko plug: ye



Item No.	Dimensions (cm)	Power (W)	Amperage (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

Item No.	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)
ST0100	30,0 x 60,0	100	0,4	3,8

Control engineering

Welltherm infrared heaters offer much more control engineering than a rotary knob 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 engineering—in addition to the noticeable infrared heat radiation—a decisive factor in comfort. It consists of various components. And one of the best things about it is that 95 percent of all applications are controlled wirelessly via radio connections between the thermostat and radio receiver.

Thermostat for temperature measurement (usually one per room):

How much heat should be generated? And where should this heat be generated? A thermostat provides the answer to both questions. In addition to setting the desired comfort temperature, the thermostat can also be placed where the heat is to be generated: in the sitting area, on a wall, or at the dining table. The Comfort thermostat also allows settings for day and night times on a weekly basis, vacations, frost protection, and much more.

Receivers for heating control (one per heater):

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

Smart accessories:

Whether Welltherm heaters are controlled via an app using a router or whether demand-based control is supplemented by window sensors, Welltherm Control engineering meets all the requirements of a modern heating system compared to many other heating systems. When the desired comfortable temperature is achieved in the right place in the shortest possible time with the lowest energy consumption, comfort meets energy efficiency!



REGULATION

Comfort meets maximum energy efficiency

Intelligent & innovative





Comfort:

- Bis zu 10 Jahre Batterielebensdauer bei normalem Gebrauch
- Schnelle und einfache Bedienung über den zentralen
- Option: Steuerung per Smartphone & Tablet
- Wochen-, Frostschutz- und Partyprogramm
- Programmierungsintervall in Halbstundenschritten
- · Vollautomatische Sommer-/Winterzeitanpassung
- · Anzeige des Stromverbrauches (kWh) der zugeordneten Heizgeräte
- Feste Wandmontage oder als Standmodell mittels mitgeliefertem Stecksockel
- Memoryfunktion bei Batterieaustausch

Temperature control Series WT

Technical specifications:

Funkübertragung: Frequenz: Temperatureinstellbereich:

Betriebstemperaturen:

Schutzart: Color:

App Steuerung:

bidirektional 868,3 MHz

5°C bis 35°C (41°F bis 95°F) 0°C bis 50°C (32°F bis 122°F)

white

IP30

Funkübertragung: Frequenz:

Reichweite: Standby Verbrauch:

Betriebsspannung:

App Steuerung:

WT00010

bidirektional 868 MHz

bis zu 150 m im Freifeld

ca 0,85 W 1/N/PE 230 V

white nein



DE00000

Temperature control Series DE

Technical specifications:

Funkübertragung: Protokoll:

Frequenz:

Temperatureinstellbereich: Betriebstemperaturen:

Schutzart: Color:

App Steuerung:

bidirektional X3D 868 MHz

+5 °C... +30 °C 0 °C... +40 °C

IP30

white, similar RAL 9010

Funkübertragung: Protokoll: Frequenz:

Reichweite: Standby Verbrauch: Betriebsspannung:

App Steuerung:

bidirektional X3D 868 MHz

bis zu 300 m im Freifeld

ca 0,45 W 1/N/PE 230 V

white, similar RAL 9010



Funkthermostat Series DE

DE00010

Funkthermostat Series WT

WT00000

Item No.	Modell	Dimensions (cm)	Programmierbar	DisplayColor	Batterielaufzeit
WT00000	Funkthermostat programmierbar	8,5 x 8,5 x 3,3 cm	ja	blau	2 Jahre
Funkemp	fänger Series WT				
Item No.	Modell	Dimensions (cm)	SchaltPower (A)	Verbino	dungsart
WT00010	Funkempfänger	17 x 5 x 2,8 cm	10	Klemi	mleiste

All solutions in "Control Engineering Overview" (p. 50 ff)

Item No.	Dimensions (cm)	Modell	Programmierbar	DisplayColor	Batterielaufzeit
DE00000	Funkthermostat programmierbar	13,5 x 8,1 x 2,2	ja	grün, orange, rot	8-10 Jahre
Funkempfä	inger Series DE				
Ref	Modell	Dimensions (cm)	SchaltPower (A)	Verbindungs	art
DE00010	Aufputzempfänger	12,0 × 5,4 × 2,5	16	Klemmlei	ste

All solutions in "Control Engineering Overview" (p. 50 ff)





Temperature control Series WT Fest

Technical specifications:

wired (three-/four-wire cable) Transmission:

Operating voltage: up to 250 V

in 55 mm flush-mounted box Installation:

Temperature setting range: +5 °C... +30 °C Operating temperatures: 0 °C... +40 °C

Protection class:

white, similar to RAL 9010

App control:

Additional features

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

Dimmer Vida

Technical specifications:

Model: Dimmer Vida Voltage: 1/N/PE 230 V IP 65 Protection class:

Remote control: App control: Yes

IR remote control

60°±5° reception angle: IR remote control range: approx. 6 m

Multiple dimmers can be

used simultaneously: Yes – individually controllable via app

Weight:

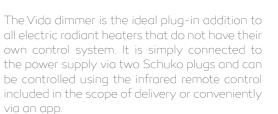
Connection cable: with Schuko plug connection











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 long ranges are possible.

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



11000120

Room thermostat Series WT Fest

Item No.	Modell	Dimensions (cm)
11000120	Room thermostat WT Fest	8 x 8 x 4,2 cm

All solutions in "Control Engineering Overview" (p. 50 ff)

Item No.	Modell	Dimensions (cm)
DVG3000	Dimmer Typ Vida	11,8 x 8,8 x 4,8

All solutions in "Control Engineering Overview" (p. 50 ff)

Overview Control engineering

Temperature control WIRELESS

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

Thermosto	Thermostate, Empfänger und Zubehör der Series WT								
	- zur Thermostatsteuerung der Infraredheizung per Funk								
Item No.	Designation	Description	Dimensions (cm)	Requirements of the Ecodesign Directive	Operation of electric floor heating				
WT00000	Premium wireless thermostat WT	with weekly programming	8,5 x 8,5 x 3,3	6.161111		~~ ⊙ () ⊛			
WT00010	surface-mounted receiver WT	10 A/250 V with terminal strip for connecting the heater	17 x 5 x 2,8	fulfilled in combination					

Thermostats, receivers, and accessories of the DE Series										
- for wireles	- for wireless thermostat control of infrared heating									
Item No.	Designation	Description	Dimensions (cm)	Requirements of the Ecode- sign Directive	Operation of electric floor heating					
DE00000	Premium wireless thermostat DE	with weekly programming	13,5 x 8,2 x 2,2	in combination with DEOOO10 or other receivers	x					
DE00001	Basic wireless thermostat DE	Not programmable (router required)	8,1 x 8,1 x 2,2	in combination with DE00010 or other receivers and DE00020 complies		2004				
DE00010	surface-mounted receiver DE	16 A/230 V with terminal strip for connecting the heater	12,0 x 5,4 x 2,5							
DE00011	socket receiver DE	10 A /230 V with so- cket for Schuko plug on the heater	14,0 x 7,2 x7,3			÷.				
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	TA B				
DE00020	Router Typ DE	Smart home control - programmable -	10,0 × 10,0 × 2,6	Recommended in the respective combination (see above)						
DE00021	opening detector DE	Contacts for doors/ windows or frames	10,0 x 2,6 x 2,6	Recommended in the respective combination (see above)		.				
DE00022	ground sensor DE	For connecting the underfloor heating to the flush-mounted receiver	3,8 x Ø 0,6 3 m cable "		х	<u>.</u>				



Temperature control WIRE-CONNECTED

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

Thermostat and accessories of the WT FEST series								
- For thermostat control of infrared heating via cable connection (fixed connection)								
Item No.	Designation	Description	Dimensions (cm)	Requirements of the Ecode- sign Directive	Operation of electric floor heating			
11000120	Room thermostat WT FEST	with weekly pro- gramming 10 A/230 V for connecting the heating	8 x 8 x 4,2	fulfilled	x	26		
11000121	ground sensor	for WT Fest	2 x Ø 0,8 Cable de 3 m		х	RIO NI		

Other controls

Item No.	Designation	Description		
CD00010 plug-in ther-		Setting the desired temperature with time control		
Dimmer Vio	da			
Item No.	Designation	Description	Format (cm)	
DVG3000	Dimmer Vida	with remote control - for setting and controlling radiant	11,8 × 8,8 × 4,8	





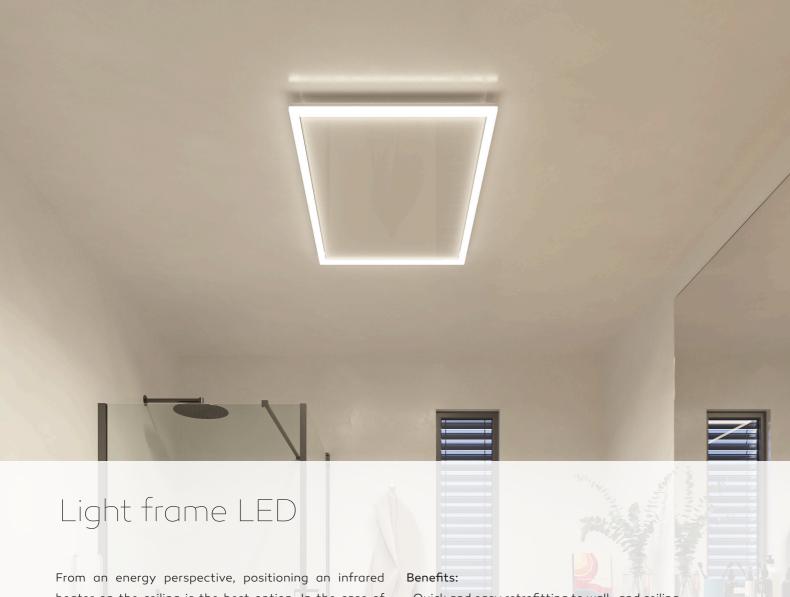
Ceiling mounting frame

Technical specifications:

Front: Metall, baked enamel Modell: mounting frame Color: white, RAL 9003

Surface:: silk matt Montage: ceiling

Item No.	Dimensions (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



From an energy perspective, positioning an infrared heater on the ceiling is the best option. In the case of renovation or retrofitting, existing wiring can also be easily used. However, the loss of existing ceiling lights deters 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 to complement the cozy warmth of the infrared heater.

Thanks to its modular design, it is suitable for both metal and glass heaters. It can be mounted on the wall or ceiling. The Light frame is an attractive accessory, especially for wall-mounted mirror heaters.

- Quick and easy 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 wireless

Permanent connection:

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

Wireless connection:

Light frame is connected to the heating cable with the heating system. A designer wall switch in a universal 5.0 x 5.0 cm format controls the light.



Light frame LED



Technical specifications:

Farbe: Alu, RAL 9006 Lichtfarbe:: Warmweifz (3000K)

Breite:: 2,6 cm Schutzart: IP20

Umgebungstemperatur: -20° bis + 50°C Montage Wand & Decke

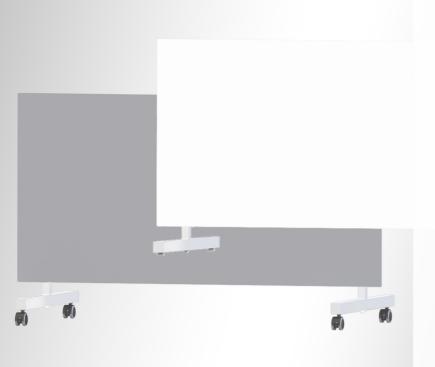
Ref	für Format Heizung (cm)	Dimensions (cm)	Lichtstrom(Im)	Power (W)	Weight (kg)
LI060060	60,0 x 60,0	61,0 x 61,0	4.150	53	0,95
LI090060	60,0 x 90,0	61,0 x 91,0	5.150	66	1,15
LI120060	60,0 x 120,0	61,0 x 121,0	6.150	80	1,35
LI150060	60,0 x 150,0	61,0 x 151,0	7.200	93	1,60
LI120090	90,0 x 120,0	91,0 x 121,0	7200	96	1,65

Pre-assembled sets

Item No.	Modell	Dimensions (cm)	Spannung nominal	Power (W)
Fixed connection: sepa	rate power supply for heating & light frame			
LI00300	Transformer, dimmable (voltage sink, $2 \times 50 \text{ W}$)	17,7 x 5,7 x 22,5	220 - 240 V AC	2 x 50
Wireless connection: a	power supply for heating & light frame			
LI00400	Wireless switch, transformer (100 W)	5,0 x 5,0 x 1,5	220 - 240 V AC	100
100400	Trafo (100 W) & Dimmer	10,2 x 3,7 x 2,0	12-48 V DC	100

Einzelteile:

Item No.	Modell	Dimensions (cm)	Spannung nominal	ambient temperature
LI00040	radio switch	5,0 x 5,0 x 1,5	230 - 240 V AC	-20° - +50°C
LI00060	Schuko connection cable	150,0		-20° - +50°C



- For floor-level installation of Welltherm infrared heaters
- for infrared heaters made of glass and metal with a "60 cm side dimension"
- with and without casters
- Mounting kit consisting of two feet and accessories
- made of high-quality, powder-coated steel

- For flexible mounting of Wellther infrared heaters
- Space-saving, vertical mounting possible for many models
- with casters for use in different locations
- Mounting kit consisting of two feet with casters and accessories
- made of high-quality, powder-coated steel



Floor stand

Floor stand rolls

Item No.	Modell	Dimensions (cm)	Material	Color
SF00011	HOR	63,2 x 61,0 x 3,5	High-quality steel, powder-coated	white
Floor stand Classic				
Item No.	Modell	Dimensions (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:

Typ de calefacción	Item No.	Dimensions (cm)	Power (W)	Amperage (A)	Weight (kg)	Adecuado para habitaciones (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

Universal stand

Universal stand

SF00010	VEHOR	164,0 x 61,0 x 3,5	High-quality steel, powder-coated	white

For mounting the following heating formats:

Heizungsart	Item No.	Dimensions (cm)	Montage horizontal	Montage vertical	Power (W)	Amperage (A)	Weight (kg)	suitable for rooms (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	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
Glass	XX1250	75,0 x 150,0 x 2,2	•*	•	1250	5,4	27,5	18 - 25

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



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