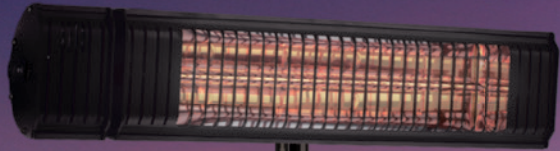


High-Performance Heaters  
for Patios, Industry and  
Catering

welltherm®

Pictured patio heater is type "Campus" with base "SF00001"



## Welltherm Patio Heaters

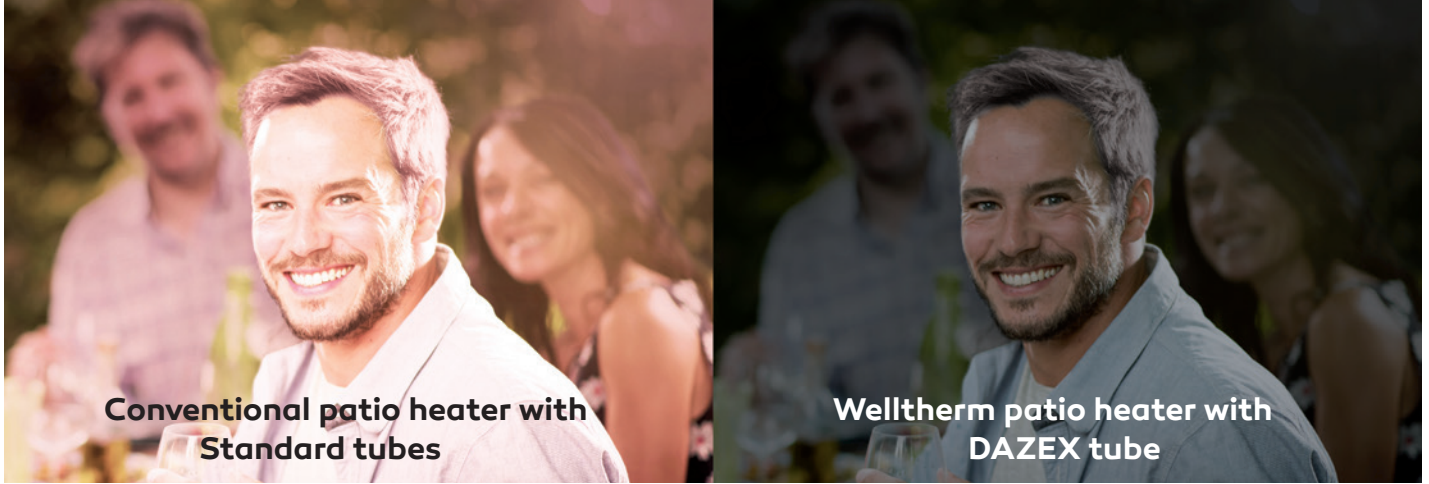
Comfortable warmth for cosy evenings on the patio or balcony.

Welltherm GmbH is one of the leading companies in the field of infrared heating throughout Europe. Welltherm stands for competency and decades of experience in the development and production of infrared heating systems. This expertise was, and still is, the basis for our high quality and innovation standards which are the foundations upon which we continue to optimise and further develop our product portfolio. The development of a completely new generation of efficient and high-quality high-performance radiant heaters for patios, industry and catering underlines Welltherm GmbH's position as a leader in innovation and technology.



# Welltherm patio heater with **DAZEX** technology

As a technological leader in the field of infrared heating, Welltherm has developed DAZEX technology. DAZEX stands for “DAZZLE EX” and is the name for a new generation of radiant heaters which give off almost no visible light. Thanks to these special tubes, Welltherm radiant heaters are some of the best performing and most energy-efficient devices in their class across the world.

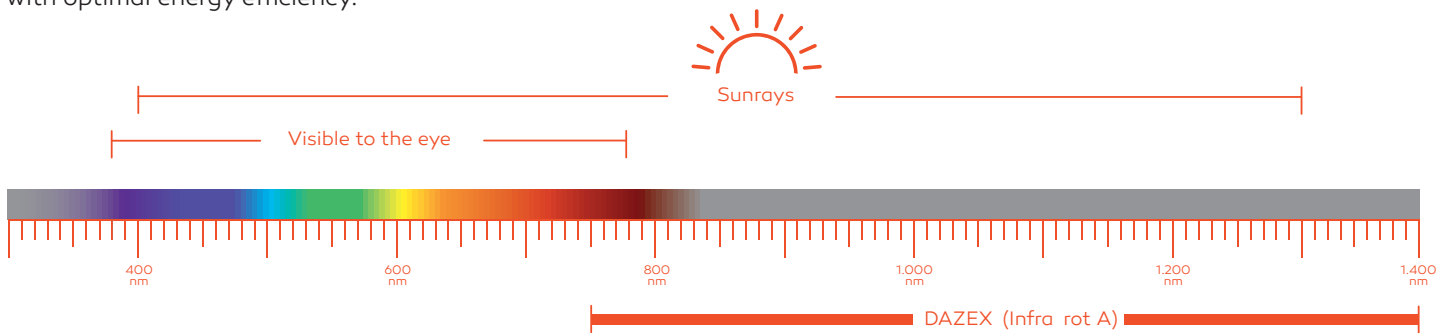


A direct comparison shows: 80% less light emission with the same heat output using a DAZEX tube.

## **DAZEX provides maximum heat**

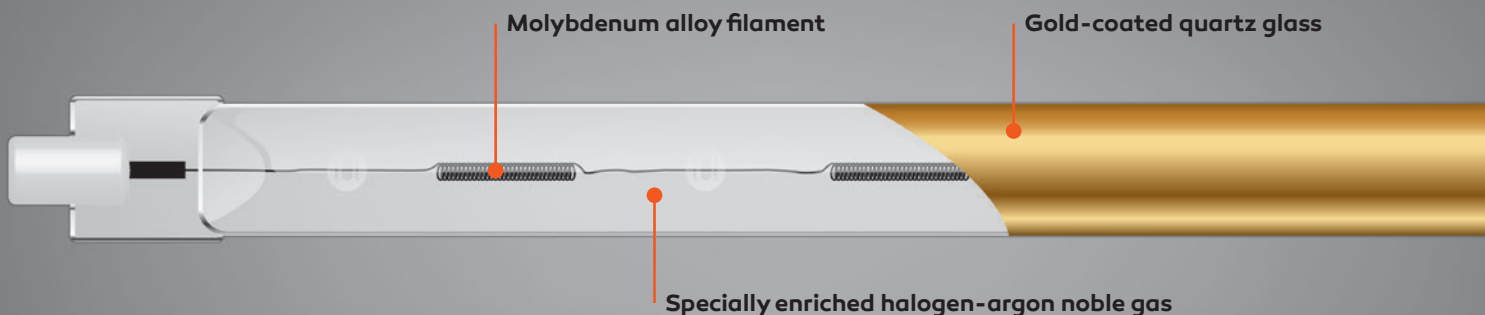
Traditional radiant heaters give off a significant portion of the electricity they consume in the form of low-energy visible light.

This is where the DAZEX technology developed by Welltherm makes its mark - it emits almost exclusively short wavelength and energy-rich infrared radiation (IR-A) in the 750 - 1,400 nm range. The result: Maximum heat with optimal energy efficiency.



The technological advantage of the special tubes used by Welltherm provides real value in day-to-day use.

This revolutionary result is achieved by filling the tube with a specially enriched noble gas in combination with an extremely durable alloy for the heating filament as well as a special coating on the inside of the quartz glass.



# STREAM & BEAM

## LED lighting

Two-sided rear LED lighting. Separately adjustable colour and brightness.

## High-performance 2000 watts.

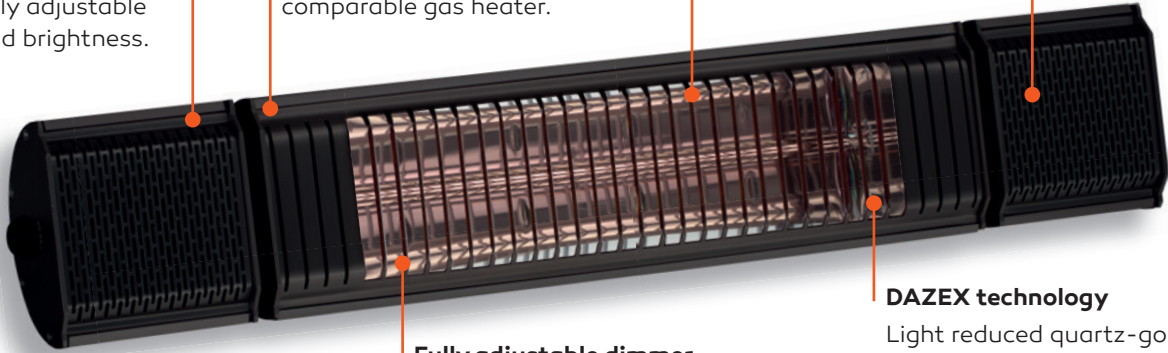
Enough to heat an area of 16 m<sup>2</sup>, 50% cheaper than a directly comparable gas heater.

## IP 65 protection

Dust-proof and protected against sprays of water. Suitable for unrestricted outdoor use.

## Speakers

Two active speakers for streaming music from your smartphone.



## DAZEX technology

Light reduced quartz-gold tube with 80% less light output and maximum heat.

## Fully adjustable dimmer.

Individually adjust the heat output from your smartphone using the convenient app.



## Beautifully designed remote control

Infrared remote control included, control without installing any additional switches.

## Convenient control

Welltherm patio heaters can be directly controlled using the included infrared remote control or using the free app. Unarguably, the best option to control the heater the smartphone app.

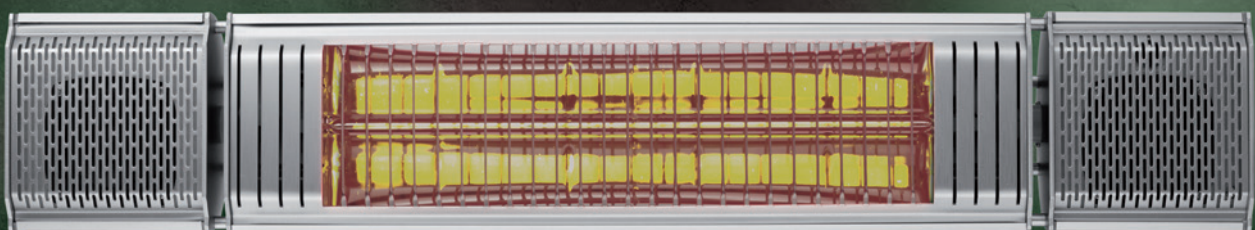
## Smartphone control

Free app for iOS & Android, long-range wireless Bluetooth connection, convenient timer control, separately adjustable colour and brightness for LED lighting.

Thanks to the antennas mounted on the outside of the casing, it can be controlled via the app for iOS or Android with a range of up to 20 m - even without a direct line of sight between the phone and the heater.

The timer feature integrated into the app is particularly handy, allowing you to set an automatic shut off time for the patio heater. This creates additional safety and saves money.

With this app installed, your smartphone becomes a "command centre" for controlling the heating, music and ambient lighting.

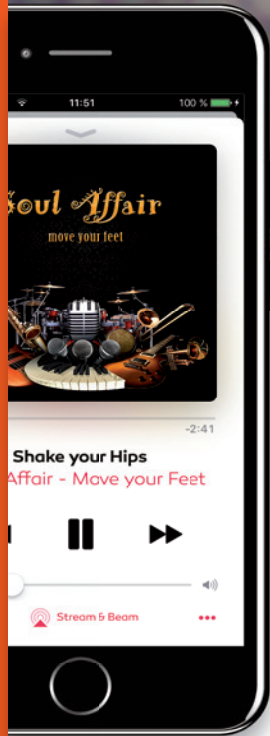


**Ambient LED lighting on both sides with adjustable colour setting on the rear of the Stream & Beam.**

The adjustable lighting on this heater means it looks great even in the dark.



OPEN AIR  
COSY  
WARMTH



### Music streaming

An external antenna allows reception from any Bluetooth-enabled smartphone with a very long range. Two powerful speakers create the perfect party atmosphere.



5.000 h

Operating hours guaranteed



Smartphone app for iOS & Android



IP65

Spray water protection



Speakers (Bluetooth)



fully adjustable dimmer



-80%

DAZEX-Technology

#### DESCRIPTION

#### DATA

Item number	WTSB0010A
Power consumption	2000 watts
Operating voltage	230 volts
Protection class	Class I / grounded plug
Protection type	IP 65 / spray water resistant
IR remote control reception angle	60° ± 5°
IR remote control range	approx. 6 m
Bluetooth speakers	2x 3 watts
Dimensions	74 x 13 x 13.5 cm
Total weight	3.9 kg
Casing colours available	black, silver, white

The Welltherm Stream & Beam infrared patio heater is a latest multi-function heater.

It combines a 2000 watt high-performance gold tube with Welltherm DAZEX technology for minimal glare, a sound bar with great audio quality and LED lighting - all functions are easily controlled via the smartphone app.

The Stream & Beam model is currently available in three different colours:

black silver white



# Campos patio heater

## Beautifully designed remote control

IR remote included, control without installing any additional switches.

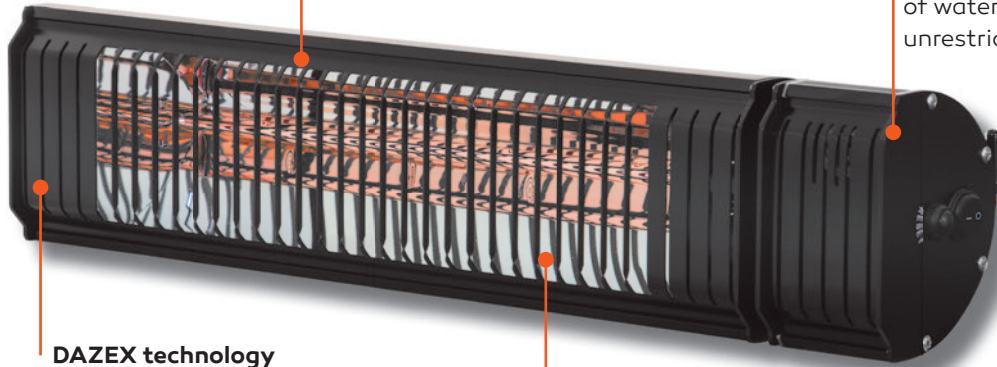


## High-performance 2000 watts.

Enough to heat an area of 16 m<sup>2</sup>, 50% cheaper than a directly comparable gas heater.

## IP 65 protection

Dust-proof and protected against sprays of water. Suitable for unrestricted outdoor use.



## DAZEX technology

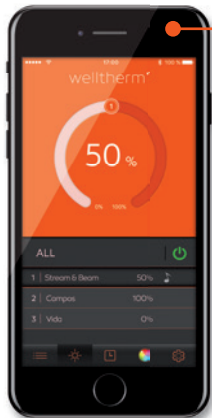
Light reduced quartz-gold tube with 80% less light output and maximum heat.

## Fully adjustable dimmer.

Individually adjust the heat output from your smartphone using the convenient app.

## Smartphone control

Free app for iOS & Android, long-range wireless Bluetooth connection, with convenient timer control for automatic heater shut off after a specified period. This provides safety and saves electricity.



5.000 h

Operating hours guaranteed



Smartphone app for iOS & Android



IP65

Spray water protection



fully adjustable dimmer



-80%

DAZEX Technology

DESCRIPTION	DATA
Item number	WTOHO010A
Power consumption	2000 watts
Operating voltage	230 volts
Protection class	Class I / grounded plug
Protection type	IP 65 / spray water resistant
IR remote control reception angle	60° ± 5°
IR remote control range	approx. 6 m
Free app available for	iOS & Android
Dimensions	55,8 x 13,5 x 11 cm
Total weight	2,5 kg
Colour	black

The Welltherm Campos infrared patio heater is a powerful and easy to use new generation heater.

The built-in 2000 watt gold tube gives off 80% less light compared to conventional heaters. This makes using this heater a much pleasanter experience as well as using energy more efficiently.

The fully adjustable dimmer allows the heat output to be adjusted depending what is currently required. If you need less heat, then less energy is consumed.



# Picafort patio heater

## Beautifully designed remote control

IR remote included, control without installing any additional switches.

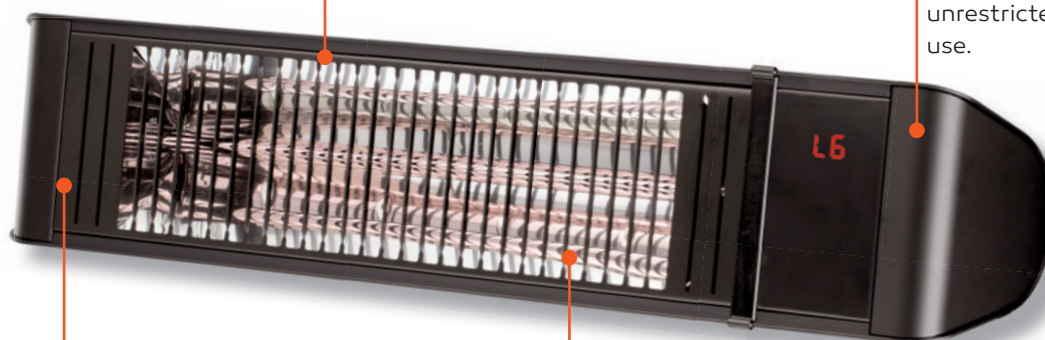


## High-performance 2000 watts.

Enough to heat an area of 16 m<sup>2</sup>, 50% cheaper than a directly comparable gas heater.

## IP 65 protection

Dust-proof and protected against sprays of water. Suitable for unrestricted outdoor use.



## DAZEX technology

Light reduced quartz-gold tube with 80% less light output and maximum heat.

## 6-level dimmer

Directly adjust heat output on the device using the included remote control.



5.000 h

Operating hours guaranteed



IP65

Spray water protected



6-level dimmer



-80%

DAZEX technology

### DESCRIPTION

Item number

### DATA

WTOH0010R

Power consumption

2000 watts

Operating voltage

230 volts

Protection class

Class I / grounded plug

Protection type

IP 65 / water spray resistant

IR remote control reception angle

60° ± 5°

IR remote control range

approx. 6 m

Function display

2-segment LCD

Dimensions

65.6 x 14 x 11 cm

Total weight

3.5 kg

Colour

black

The Welltherm Picafort infrared patio heater is a powerful and easy to use new generation heater.

The built-in 2000 watt gold tube gives off 80% less light compared to conventional heaters. This makes using this heater a much pleasanter experience as well as using energy more efficiently.

The 6-level adjustable dimmer allows you to change the heat output to suit current conditions. If you need less heat, then less energy is consumed.

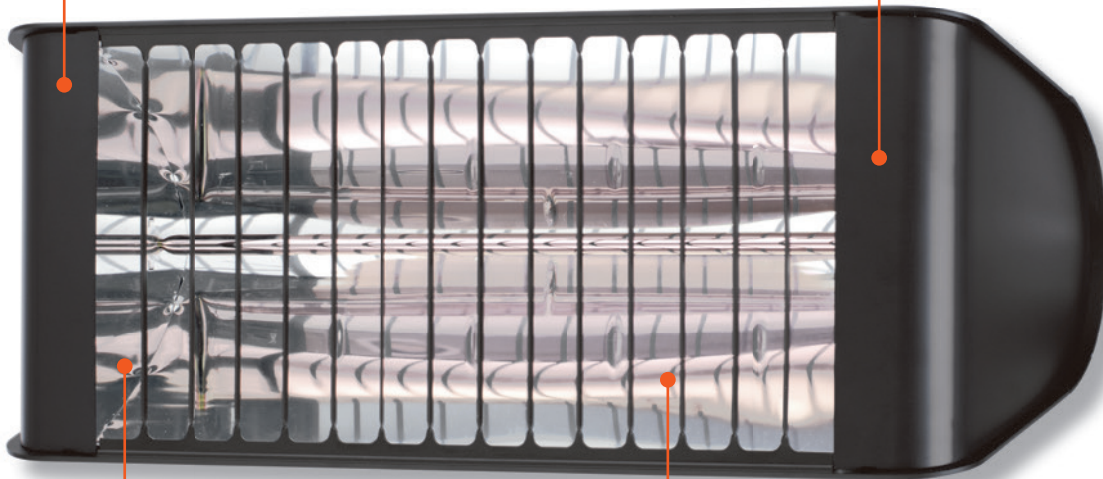
# Murada patio heater

## High-performance 2,500 watts

Enough to heat an area of 20 m<sup>2</sup>, 50% cheaper than a directly comparable gas heater.

## IP 65 protection

Dust-proof and protected against sprays of water.



## DAZEX technology

Light reduced quartz-gold tube with 80% less light output and maximum heat.

## Large reflector

The above-average size of the reflector ensures noticeably more efficient heat output with the same power.



5.000 h

Operating hours guaranteed



IP65

Spray water protected



DAZEX technology

DESCRIPTION	DATA
Item number	WTOH00030
Power consumption	2,500 watts
Operating voltage	230 volts
Protection class	Class I / grounded plug
Protection type	IP 65 / water spray resistant
Power supply	1.9 m cable with Schuko plug
Tube type	Gold tube with DAZEX technology
Casing material	Aluminium
Dimensions	55 x 23 x 30 cm
Total weight	4.1 kg
Colour	black

The Murada infrared heater is the most powerful patio heater in the Welltherm range by a significant margin. The combination of a 2,500 watt gold tube with a very large reflector ensures extremely high heating performance.

This model is therefore particularly suited to large patios/balconies, catering and industrial applications.

We recommend using this heater in combination with the accompanying Vida dimmer. This extends the control options with an infrared remote control as well as being able to use the control app.



# Vida dimmer

## UNIVERSAL DIMMER

### Beautifully designed remote control

IR remote included, control without installing any additional switches.



### Smartphone control

Free app for iOS & Android, long-range wireless Bluetooth connection, convenient timer control.



### Maximum 3,000 watts

Connect one or more patio heaters with up to 3 kW total power consumption.

### IP 65 protection

Dust-proof and protected against sprays of water.



### Fully adjustable operation

Fully adjustable dimming function for all connected patio heaters via iOS and Android apps.

### Timer control

Using the smartphone app, individual shut off timers can be set.



Smartphone app for iOS & Android



Spray water protected



fully adjustable dimmer

DESCRIPTION	DATA
Item number	WTD3000A
Maximum dimmer power	3,000 watts
Operating voltage	230 volts
Protection class	Class I / grounded plug
Protection type	IP 65 / water spray resistant
IR remote control reception angle	60° ± 5°
IR remote control range	approx. 6 m
Several dimmers can be used simultaneously	yes - each individually controlled via the App
Dimensions	11.8 x 8.8 x 4.8 cm
Total weight	1.2 kg
Colour	Aluminium

The Welltherm Vida dimmer is an ideal add-on for all electric patio heaters that do not have their own controls.

The dimmer is simply connected to the mains with two Schuko plugs and can be operated using the included infrared remote control or conveniently via the app.

The app even allows several dimmers to be controlled individually. This means larger installations are also possible without any difficulties. The external Bluetooth antennas have themselves a long range. Ideal for use in catering.

# Arta patio heater

## Beautifully designed remote control

IR remote included, control without installing any additional switches.



## Smartphone control

Free app for iOS & Android, long-range wireless Bluetooth connection, convenient timer control.



## High-performance 2000 watts.

Suitable for an area up to 16 m<sup>2</sup>

## IP 65 protection

Dust-proof and protected against sprays of water.



## DAZEX technology

Light reduced quartz-gold tube with 80% less light output and maximum heat.

## Large reflector

The large reflector provides a noticeably higher heat output with the same power consumption.



5.000 h

Operating hours guaranteed



Smartphone app for iOS & Android



IP65

Spray water protection



fully adjustable dimmer



-80%

DAZEX Technology

### DESCRIPTION

Item number

### DATA

WTOHO020A

Power consumption

2000 watts

Operating voltage

230 volts

Protection class

Class I / grounded plug

Protection type

IP 65 / water spray resistant

Power supply

1.9 m cable with Schuko plug

Tube type

Gold tube with DAZEX technology

Casing material

Aluminium

Dimensions

45 x 45 x 15.1 cm

Total weight

5.7 kg

Colour

black

The Arta infrared patio heater is recommend for ceiling mounting due to its construction and integrated mounting base for ceilings.

The combination of a 2,000 watt gold tube with a large reflector ensures extremely high heating performance with a wide radiating angle.

The Arta is great for industrial applications as well as in large party tents.

The convenient operation using the infrared remote control or via the app makes this heater perfect for use in catering environments.



# Alcudia patio heater

## Beautifully designed remote control

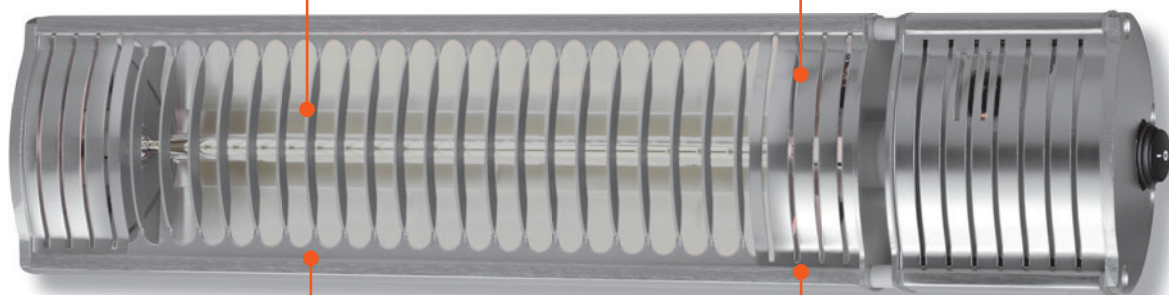
IR remote included, control without installing any additional switches.

## 1,500 watts

50% cheaper than a comparable gas patio heater.

## IP 65 protection

Dust-proof and protected against sprays of water.



## Quartz glass halogen tube

min. 5000 hours operation guaranteed.

## Aluminium casing

Sturdy aluminium casing for optimal heat dissipation



5.000 h

Operating hours guaranteed



IP65

Spray water protection

### DESCRIPTION

Item number

### DATA

WTOH00040R

Maximum dimmer power

1,500 watts

Operating voltage

230 volts

Protection class

Class I / grounded plug

Protection type

IP 65 / water spray resistant

IR remote control reception angle

60° ± 5°

IR remote control range

approx. 6 m

Casing material

Aluminium

Dimensions

43 x 10 x 7.7 cm

Total weight

1.8 kg

Colour

Natural aluminium

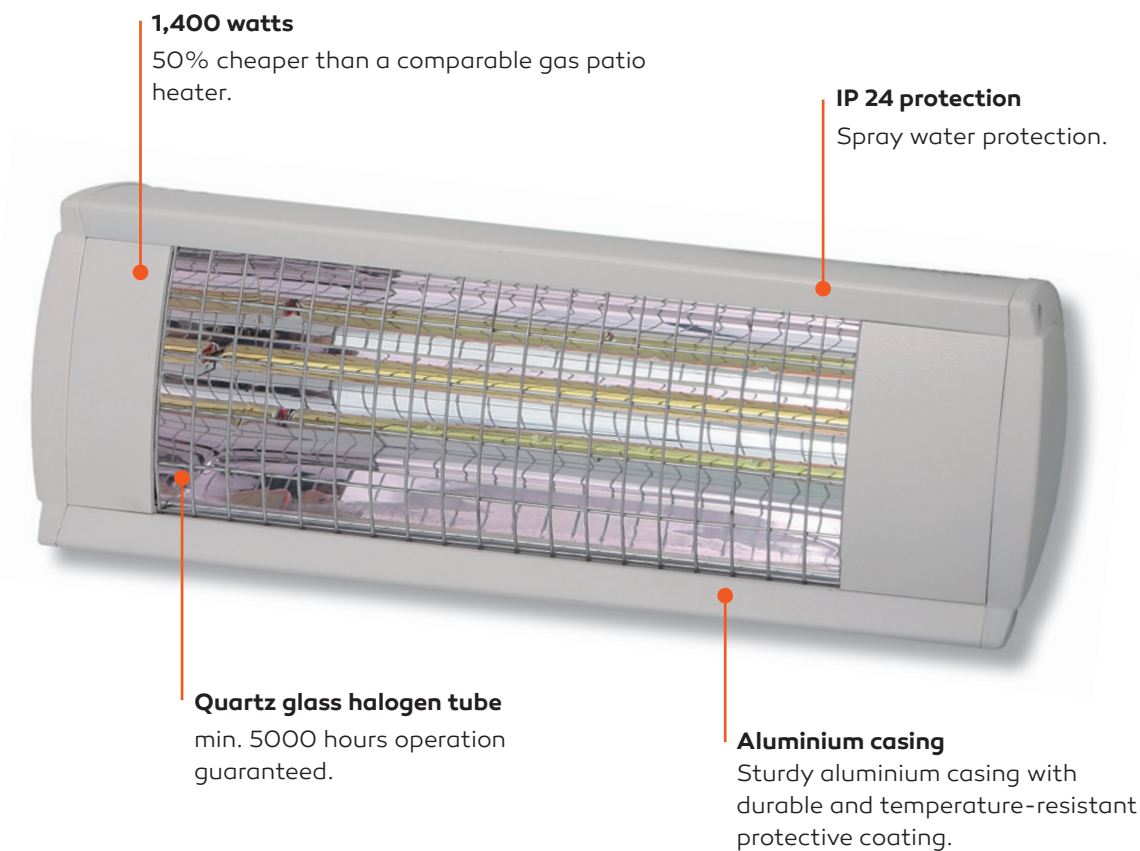
The Welltherm Alcudia patio heater is one of our entry-level models which provides excellent value for money.

Despite its low price, the Alcudia patio heater has a durable quartz glass halogen tube with a guaranteed operating life of 5000 hours.

The convenient remote control with a range of up to 6 m makes installation of the device just as simple as day-to-day operation.

All in all, the Alcudia offers good production quality at a low price.

# Inca patio heater



5.000 h

Operating hours  
guaranteed



IP24

Spray water  
protection

DESCRIPTION	DATA
Item number	WTOHO050
Maximum dimmer power	1,400 watts
Operating voltage	230 volts
Protection class	Class I / grounded plug
Protection type	IP 24 / splash-water resistant
Power supply	1.9 m cable with Schuko plug
Tube type	Quartz glass halogen tube
Casing material	Aluminium
Dimensions	49 x 15 x 14.5 cm
Total weight	2.5 kg
Colour	white

The Welltherm Inca offers excellent value for money and, thanks to the 1400 watt quartz glass halogen tube, sufficient power for use on small balconies and patios.

A further advantage is the long life of the tube, which has a guaranteed operational life of 5000 hours.

The IP 24 splash-water protection (protected against spray water) means that the heater can be safely used in covered outdoor areas.



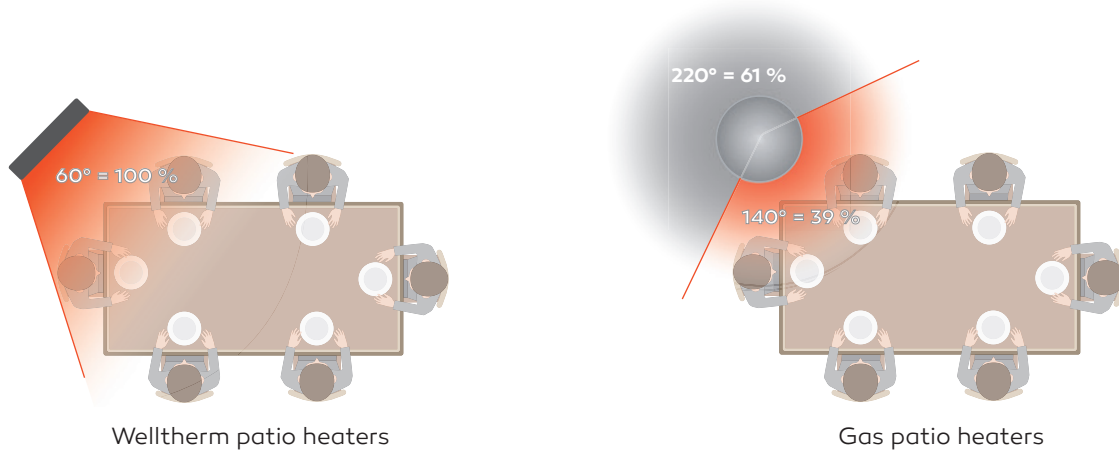
# Welltherm patio heaters - not shy of comparison

Historically, the majority of patio and balcony heaters have been gas-powered. Until just a few years ago, electric heaters could not match the performance of their gas-powered counterparts. Things have now moved on - whilst very little has changed in the world of gas technology, electric heaters have seen a range of developments that have made them significantly more efficient.

The current generation of IR-A patio heaters with high-performance gold tubes are now much better than a gas-powered device in terms of efficiency, comfort and cost.

## Electric heaters with DAZEX technology from Welltherm offer the following advantages:

1. The cost of running a Welltherm electric patio heater is on an average 50% lower compared to a similar gas heater. This is due to the high performance loss of radial gas heaters in the region of 61%, whereas carefully placed and oriented Welltherm heaters can run without any loss in performance (depending on the radiant angle).



2. Welltherm patio heaters also have the advantage that all the energy goes into heating the desired surface, rather than just the air as with gas heaters.

3. Electric heaters are fundamentally safer than gas alternatives. There is zero potential for dangerous fires and explosions that come with liquid gas bottles and no open flame is needed for operation.

4. The somewhat high maintenance costs for replacing gas bottles and carrying out safety checks on hoses, regulators and valves is not an issue when using an electric heater.

5. A huge range of safety regulations apply for using gas-powered heaters in commercial settings - see Occupation Health and Safety Regulations (BVG) D34 - which do not apply to electric heating. Furthermore, the use of gas-powered patio heaters is forbidden in enclosed spaces without controlled ventilation.

6. An electric heater gets up to full power within just a few seconds, whereas gas heaters need at least 10 minutes to warm up until they achieve maximum output.

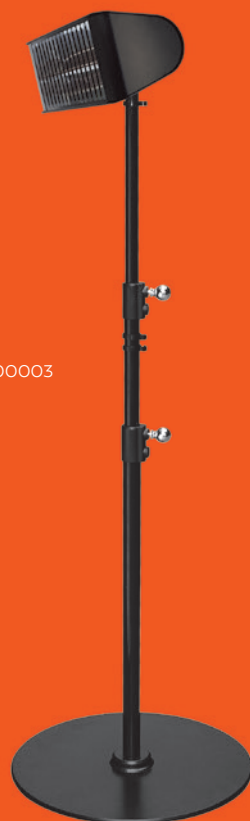
7. Electric heaters are carbon neutral when powered with green electricity. Gas heaters on the other hand generate a huge amount of CO<sub>2</sub> by burning propane gas. Using just 2 gas bottles per year over an average 10-year life of a gas-powered heater generates a total of 500 kg of damaging carbon dioxide.

8. The modern Welltherm patio heaters are particularly powerful and compact. They can be set up on a free-standing base or mounted to a wall. This makes them easier to position and saves valuable space. The devices also have impressive additional features such as lighting and music streaming with simple operation.

## Accessories



SF00002



SF00003



SF00001

ITEM NUMBER	DESIGN	MAXIMUM HEIGHT	MATERIAL	COLOUR	WEIGHT
SF00002	Height-adjustable stand	200 cm	Painted steel	Silver-grey	5.5 kg
SF00003	Height-adjustable base	200 cm	Painted steel	Black	19.4 kg
SF00001	Base for patio heaters	206 cm	Stainless steel	Stainless steel	20.0 kg

## Notes on using the Welltherm patio heater

Please note: When starting from cold, the patio heaters require a starting current that can be up to 10 times the nominal current. Common household circuit breakers with type B characteristics will trigger at 3-5 times the nominal current.

For this reason, patio heaters should be fitted with a fuse that withstand a higher inrush current than normal household breakers (e.g. with C or D characteristics).

Alternatively, an “inrush current limited” can be used that simply sits between the plug socket and power cable.

Please consult your electrician or other electrical professional in this regard.





## Headquarters

Welltherm GmbH  
Wibschla 22  
58513 Lüdenscheid

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

[sales@welltherm.de](mailto:sales@welltherm.de)  
[www.welltherm.de](http://www.welltherm.de)

Feel free to visit us at our production site in Lüdenscheid or at any of our branches and sales offices. We will present our comprehensive product portfolio to you in our spacious exhibition spaces and would be happy to prepare a custom heating concept just for you.

welltherm®

Welltherm GmbH  
Wibschla 22  
58513 Lüdenscheid

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

sales@welltherm.de  
[www.welltherm.de](http://www.welltherm.de)

