

HEATSCOPE®
ambient heating · made in Germany



■ developed
■ designed
■ made in
■ Germany

MOONICH®
brands for atmosphere

BEAUTIFULLY WARM







Café Marks, Munich - Germany



efficiency

made simple

HEATSCOPE® is committed to efficiency! All VISION, SPOT and PURE radiant heaters were developed in accordance with the newest findings concerning the mid-wave IR range. This means that between 90% and 94% of the energy used is turned directly into ambient heat.

fig. heater model: MHS-VT3200AB.100
166.0x18.4x8.7 cm · 3200 W · also available in white





Private bathroom installation, Berlin · Germany



real **infra red**

All HEATSCOPE® design radiant heaters produce natural infrared heat in the (fast) mid-wave IR range. This means that the heat feels particularly pleasant and is effective exactly where it is needed – that’s directly under the first layers of skin, but not too deep in the tissue.

fig. heater model: MHS-VE2200WT.100
116.0x18.4x8.7 cm · 2200 W · also available in black



inviting
& cozy

Other radiant heaters use light tubes to produce heat as a by-product – at HEATSCOPE® we exclusively use innovative carbon technology: two carbon spirals are powered with an electric current, they begin to glow and produce a particularly pleasant warmth.

fig. heater model: MHS-SP2800AB.100
88.4x18.4x7.8cm · 2800W · also available in white



Schützen festival tent on the Oktoberfest, Munich · Germany



Private terrace installation, Schijndel · The Netherlands



super
fast

Output peaks are a thing of the past with HEATSCOPE® power heaters. Although the heaters start up slowly, they reach 100% in no time: the range of SPOT models take only 15 seconds, and the VISION range takes a maximum of 30 seconds owing to the glass front.

fig. heater model: MHS-SP2200WT.100
81.0x18.4x7.8cm · 2200 W · also available in black



usable
everywhere

HEATSCOPE® ambient and power heaters are generally installed on the wall or ceiling. However, so that you can also use the heater flexibly on the terrace or in the garden, the HEATSCOPE® FREE design stands were developed (Bjørn Blisse Design Studio).

fig. model: MHS-FREE-3,5-AB with MHS-SP2800AB.100
216.3x98.0xø 61.0 cm · 2800 W · also available in white & wooden design



Private terrace installation, Grasbrunn · Germany



Private terrace installation, Höhenkirchen-Siegertsbrunn - Germany

unbelievably
independent

With the help of the HEATSCOPE® FREE you can bring heat to every corner of your garden or terrace. The top of the heater is protected from rain by a concave weather protection shield, and on the inside the integrated anti-tilt system turns the heater off automatically if it should be tilted too far.

fig. model: MHS-FREE-4-WT with MHS-VT2200WT.100
216.3 x 124.0 x ø 61.0 cm · 2200 W · also available in black and wooden design





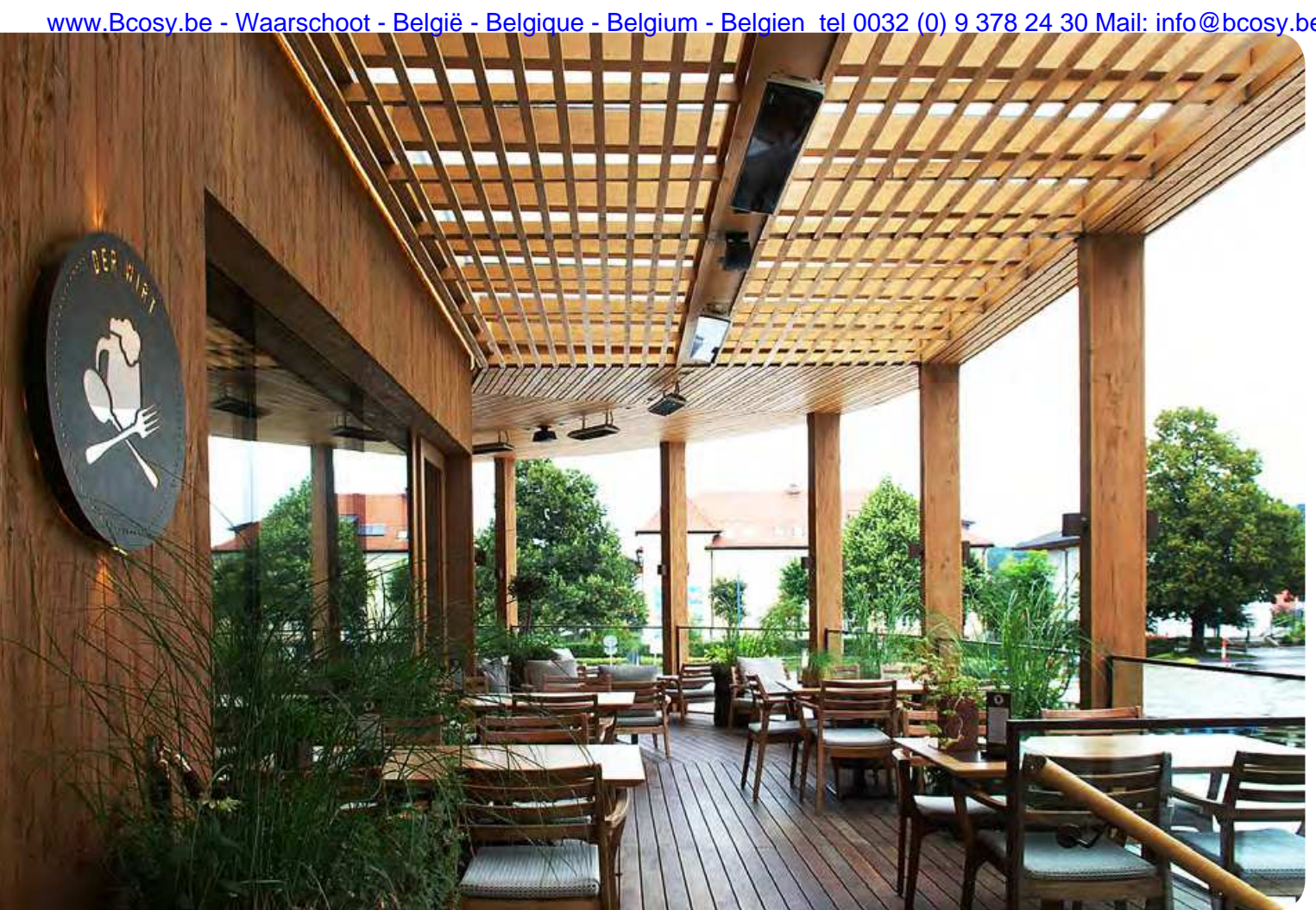
fully flushed

For flush-mounted ceiling integration, HEATSCOPE® also offers its own, unique solution: a LIFT system lowers the radiant heater approx. 12 cm from the ceiling opening as soon as it is switched on. The heater is automatically retracted again after a short cooling-off period (3 minutes).

fig. model: MHS-LFT
58.4x20.7x10.0cm - aluminium



Flush-mounted ceiling integration, Sauerlach · Germany



Hotel Gmachi, Bergheim / Salzburg · Austria



o p t i m a l l y
shie l d e d

The HEATSCOPE® weather protection shields effectively protect the radiant heaters from persistent rain in locations that are not covered by a roof. The design – as with the FREE design stand system and the new generation of PURE heaters – is by Bjørn Blisse.

fig. model: MHS-VS-WS3.BK with SP2800AB.100
10.5x98.0x32.9cm · 2800 W · also available in white



perfectly
protected

HEATSCOPE® design radiant heaters must be protected on the rear side against rain and other weather influences. This is best achieved by installing them under a roof or canopy. Where this is not possible, a weather protection shield in the corresponding black or white colour is obligatory.

fig. model: MHS-VS-WS4.WT with VT2200WT.100
10.5 x 124.0 x 32.9 cm · 2200 W · also available in black



always suitable

Comprehensive installation hardware for mounting on walls and ceilings is always included with HEATSCOPE® radiant heaters! What's more, suspension components are available in the respective device colours and in different lengths, for all ceiling heights above 3 metres.

fig. model: MHS-DAH30-AB / MHS-DAH30-WT
30.0xø 2.4 cm · also available in black and white





Terrace installation, Schloss Elmau, Krün · Germany



Kirpi Café Akasya Acıbadem Shopping Mall, Istanbul - Turkey

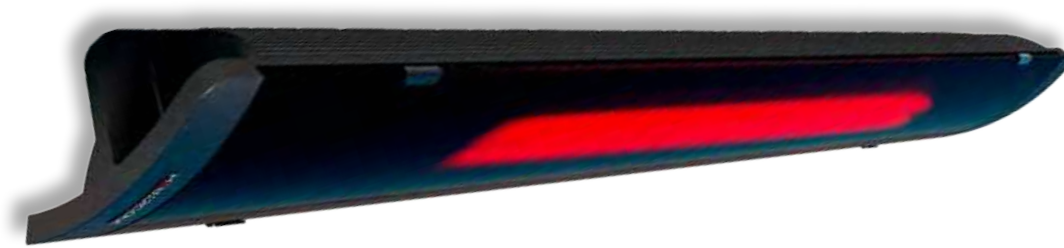
to tal control

All HEATSCOPE® VISION and SPOT radiant heaters can be switched between two levels – Level I: 50%, Level II: 100% output.

The separate model ranges are either delivered with their own IR remote control or with a 4-wire cable for integration into an external control system (output dependent).

fig. model: MHS-VS-FBHS-BK-S
17.3x2.9x1.8cm · only available in black





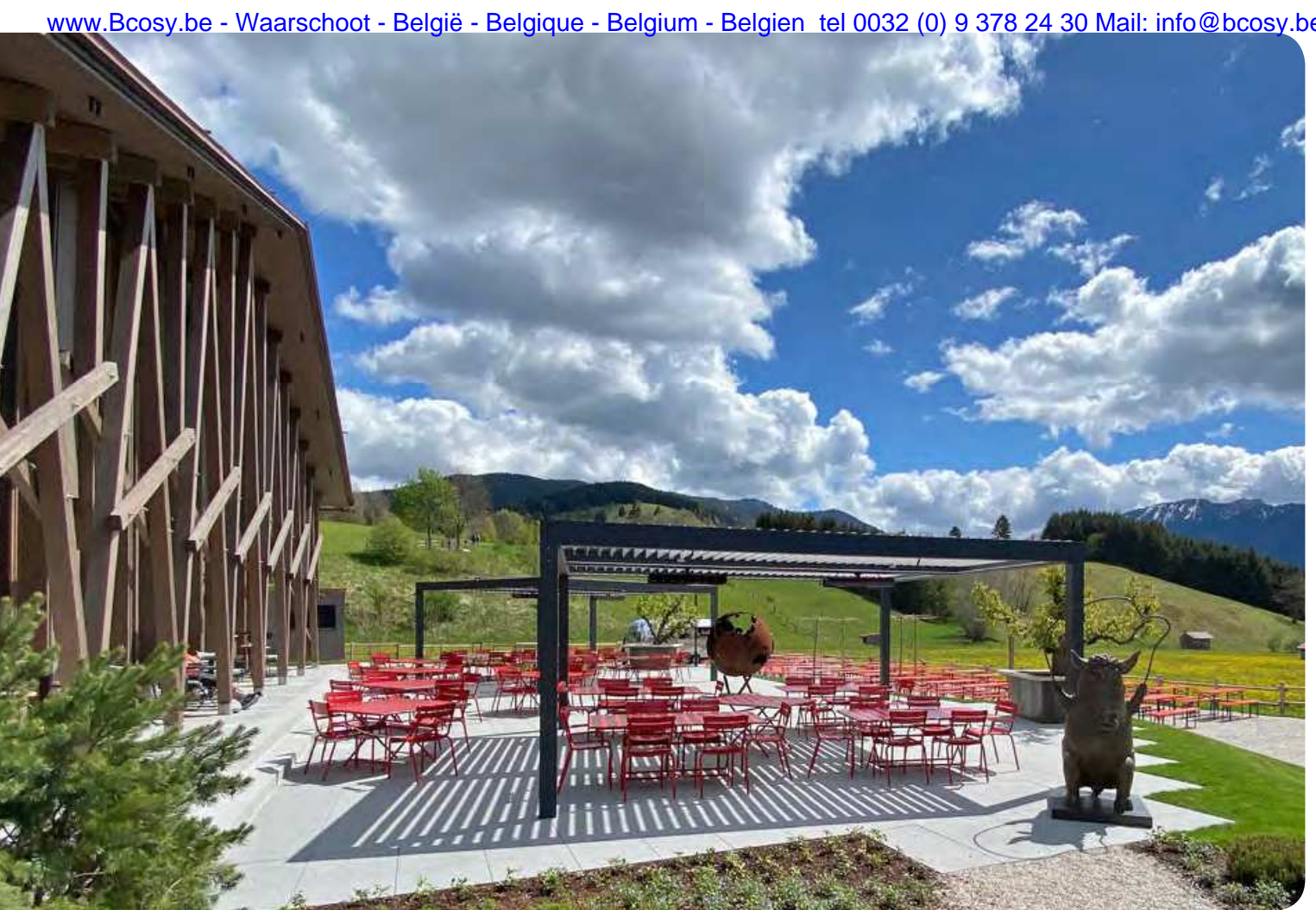
DESIGN
pure

The convex NEXTREMA® glass front from SCHOTT® turns the design heater into something truly special. So special, that the heater was honoured with the RedDot Design Award in 2018 (Design: Bjørn Blisse).

fig. model: MHS-PE2400AB.100
1044 x 166 x 87 mm · 2400 W · also available in white



HEATSCOPE® PURE design heater · Terrace installation, Münster · Germany



Restaurant Hieronymus · Unterammergau · Germany



crazy
curved

The curved glass is used for a design as well as for a unique technical reason: due to its special form the carbon heating elements can be placed right behind the front. So they can spend much more heat to the A-corridor below – with less light than any other heater (only 15% left).

fig. model: MHS-PE2400WT.100

1044 x 166 x 87 mm · 2400 W · also available in black

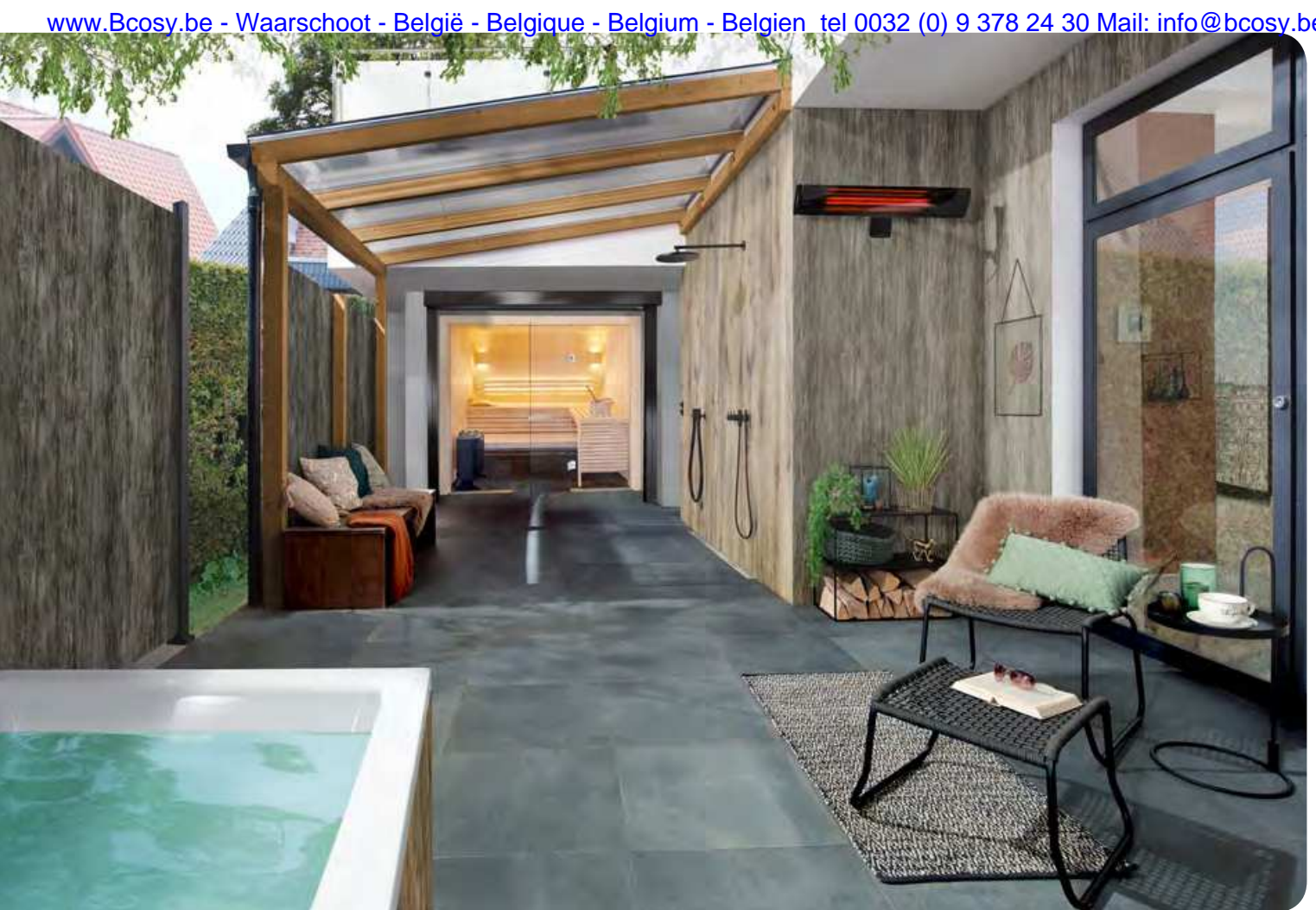


smart
BOX 

Just mount it between power supply and heater – and it's possible to control the HEATSCOPE® heater with the included IR remote control, to switch the PURE ON and OFF, to regulate it down on 50% power or to regulate it back again on full 100% output.

fig. model: MHS-SBOXIAB.100 | MHS-SBOXIWT.100
100 x 170 x 35,5 mm (incl. IR remote control)







on. off.
and on again. **somfy**®

And if you have a somfy® I/O control unit already in action, you will love the SMARTBOX somfy® version for integration in your existing I/O system. No need to hide big actuators anymore – it's all inside the small box now!

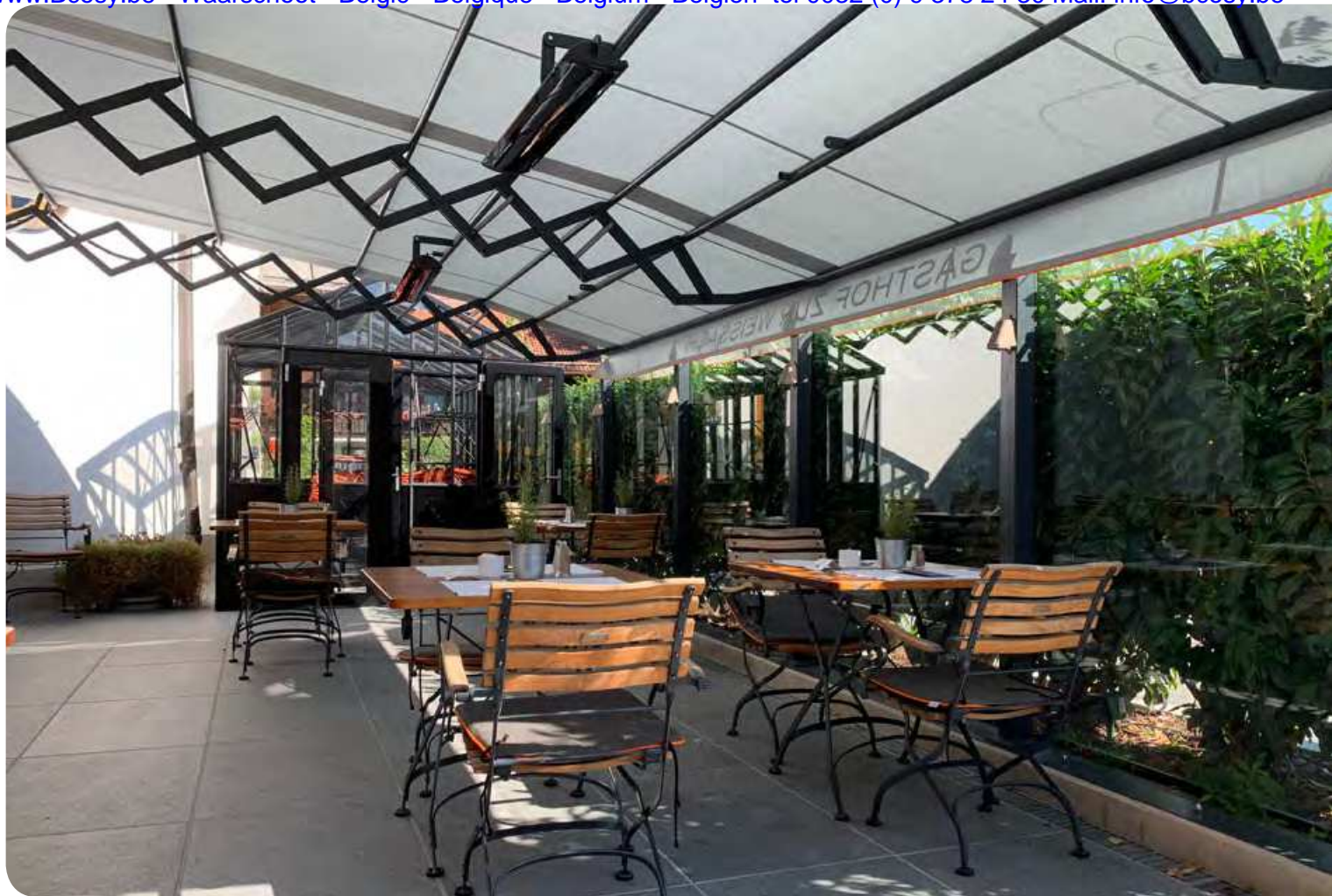
fig. model: MHS-SBOXSAB.100 | MHS-SBOXSWT.100
100 x 170 x 35,5 mm (somfy I/O version)

PURE drop down

Installation hardware for mounting on walls and ceilings is included with all HEATSCOPE® models! Alongside this included hardware, there is of course other mounting equipment available for the HEATSCOPE® radiant heater series, like these extension to lower down the heater from higher ceilings.

Abbildung: MHS-DAH30-AB / MHS-DAH30-WT
300xø 24 mm · jeweils in Weiß und Schwarz erhältlich





Terrace installation, Gasthof zur Weissach · Kreuth · Deutschland



Conservatory installation with thermostat and lift system, Tyrol · Austria

ecodesign¹ directive



Starting 2018 EU regulation 2015/1188 Ecodesign Directive 2009/125/EG become obligingly effective.

This directive lays down that every heating element indoors has to satisfy several criteria.

E.g. it is mandatory among others that electrical room heaters are equipped with a thermostat combined with a weekday control as well as with other control options.

You can be sure: observing the eco design directive is no problem with HEATSCOPE® at all!

ecodesign²

directive



HEATSCOPE® heaters are basically made for outdoor use – and most cases they are used outdoors finally. Due to this they are factory-set delivered without any thermostat control system acc. to EU 2015/1188 ecodesign directive.

This is consequent, reasonable and will economise valuable resources. Many times a separate temperature system / thermostat acc. to ecodesign directive is already installed and the heaters should be fit in this system. In this case the customer or the assigned installer is responsible to accomplish the EU standards of the ecodesign directive.

Of course it is possible to run a HEATSCOPE® infrared heating system (all VE and SM types) in combination with a special thermostat acc. to ecodesign directive. We recommend DEVlreg™ Smart thermostats.

- + certified acc. to ecodesign directive & EU regulation 2015/1188;
- + weekday control included (several heating times per day);
- + max./min. temperature settings, actual/target measures;
- + room sensor, floor sensor and window open sensor as well as remote control options/control via app.

All thermostates are programmed. They can be installed indoors just between power source and heater.



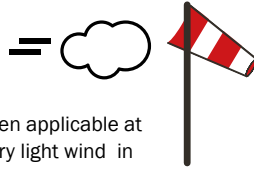


Hacker Pschorr „Heaven of the Bavarians“ fetxival tent, Oktoberfest · München · Germany

for indoor and outdoor



VISION

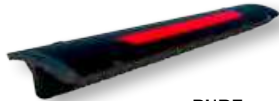


even applicable at very light wind in well covered outdoor or indoor areas

outside temperatures of $> 10^{\circ} \text{C}$



recomm. installation height: 1.80-2.50 m



PURE



even applicable at light wind in covered outdoor or indoor areas

outside temperatures of $> 10^{\circ} \text{C}$



recomm. installation height: 1.80-2.50 m



SPOT



even applicable in exposed windy patios and areas

applicable at lower outside temperatures



recomm. installation height: 1.80-3.00 m



basics¹

What exactly is infrared?

And what impact does infrared radiation have?

Every object that gives off heat is an infrared radiator – including the human body. This radiation always depends on the wavelength in which the heat radiation is emitted. There is a difference between short waves, mid-waves and long waves.

The general rule of thumb is: the shorter the wave, the brighter the light emitted and the deeper the rays penetrate into the tissues in the body.

The most effective and pleasant waves are the mid-waves (HEATSCOPE® VISION) or the fast mid-waves (HEATSCOPE® SPOT) – these produce the highest possible heat output with high radiant efficiency whilst generating the lowest possible light output.



Private Terrace · Bremen · Germany



Marstall festival tent on the Oktoberfest, Munich - Germany

basics²

Why are there design heaters with and without a glass front?

At HEATSCOPE® you can choose between different model ranges. The main difference – along with the length and output – is the design of the front side.

The VISION ambient heater has been equipped with a SCHOTT® NEXTREMA® glass ceramic front, whereas the SPOT power heater has an open fin front screen.

The NEXTREMA® glass reduces the already low light output (only 30% when compared with conventional heaters) by half again to reach a barely perceptible minimum of just 15%. However the glass front also makes the ambient heater more vulnerable to wind.

For this reason, the VISION models should only be used in areas protected from wind.

basics³

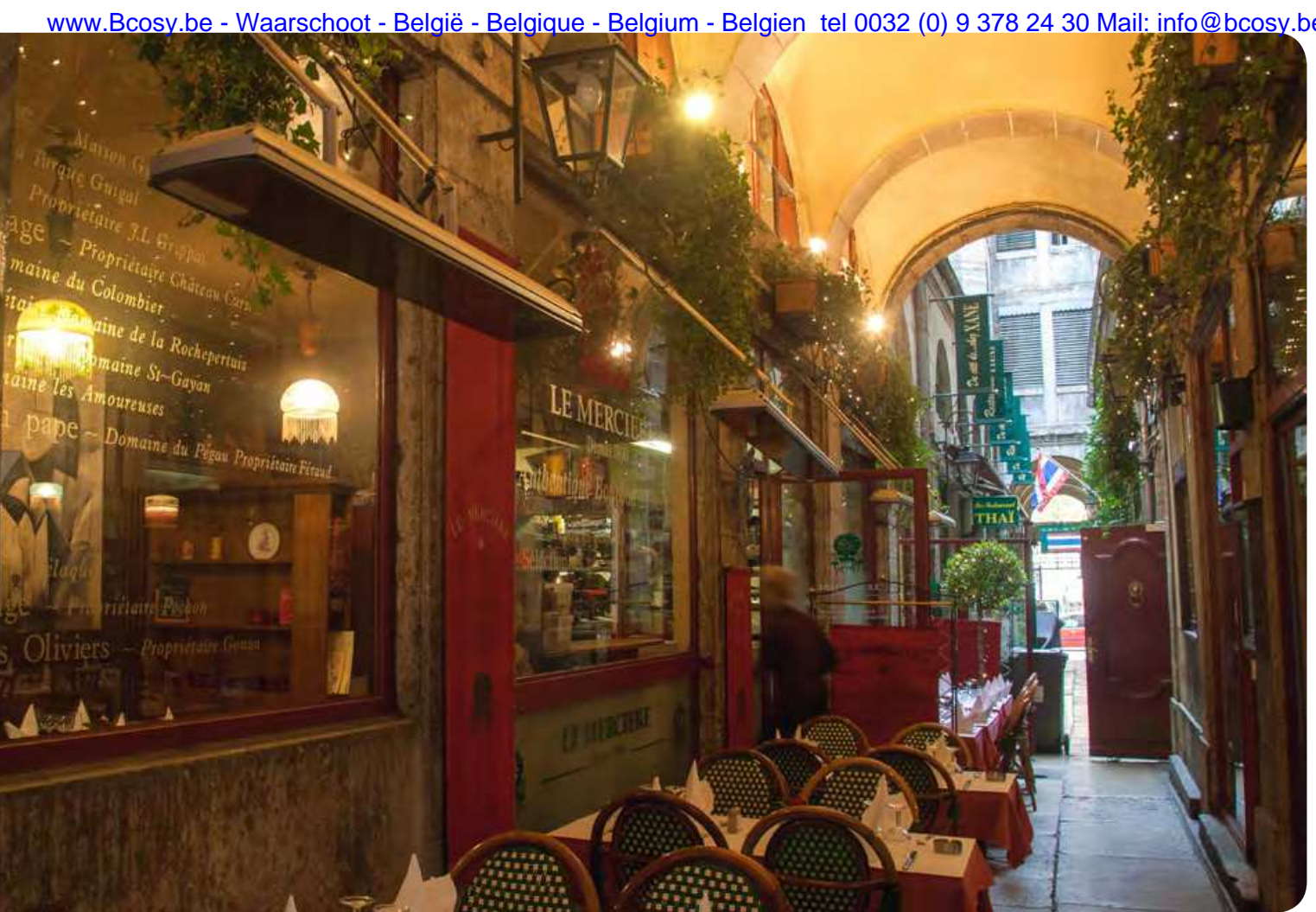
Which heater model is the best for me?

This depends on the installation environment. If you own an open terrace, where sometimes the wind is blowing, we highly recommend only the SPOT power heaters.

But if you want to heat your glass house, conservatory or loggia, we entrust the ambient heaters VISION to you. These perfectly match well covered areas.

A rule of thumb is: The more open the area the more open the heater has to be – even if the other model looks nicer and is pleasing you more.





Private terrace installation, Barcelona · Spain

basics⁴

IP class – certified dust and splash-water protection!

All HEATSCOPE® VISION and SPOT radiant heaters are protected against dust and splash-water (IP44 and IP24)!

In other words: the heaters require additional protection from above/behind against persistent or strong rain, such as a canopy or roof.

In general though a wall projection (or similar) is sufficient.

If no rear protection is possible and the heater is to hang completely freely, a HEATSCOPE® weather protection shield is obligatory in all cases.

The weather protection shields are available in black or white and incorporate the shape and curvature of the rear side of the design radiant heater.

In this way, HEATSCOPE® VISION (IP44) and SPOT (IP24) heaters are optimally protected against wind and weather.

basics⁵

Gas mushroom heaters

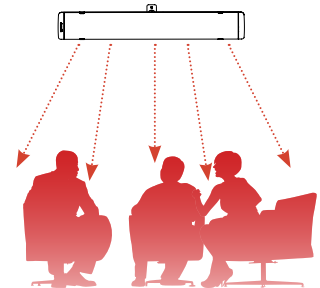
- power: 8–14 kWh
- energy source: gas bottle, change after max. 18 h
- heats up the surrounding air only, not customers
- uncomfortable heat on the head
- costs (at 0.30 EUR/kWh):
2.40–4.20 EUR/kWh
- Made in China, India or similar
- prone to maintenance, low quality, frequent change of gas bottle, high running service and operating costs

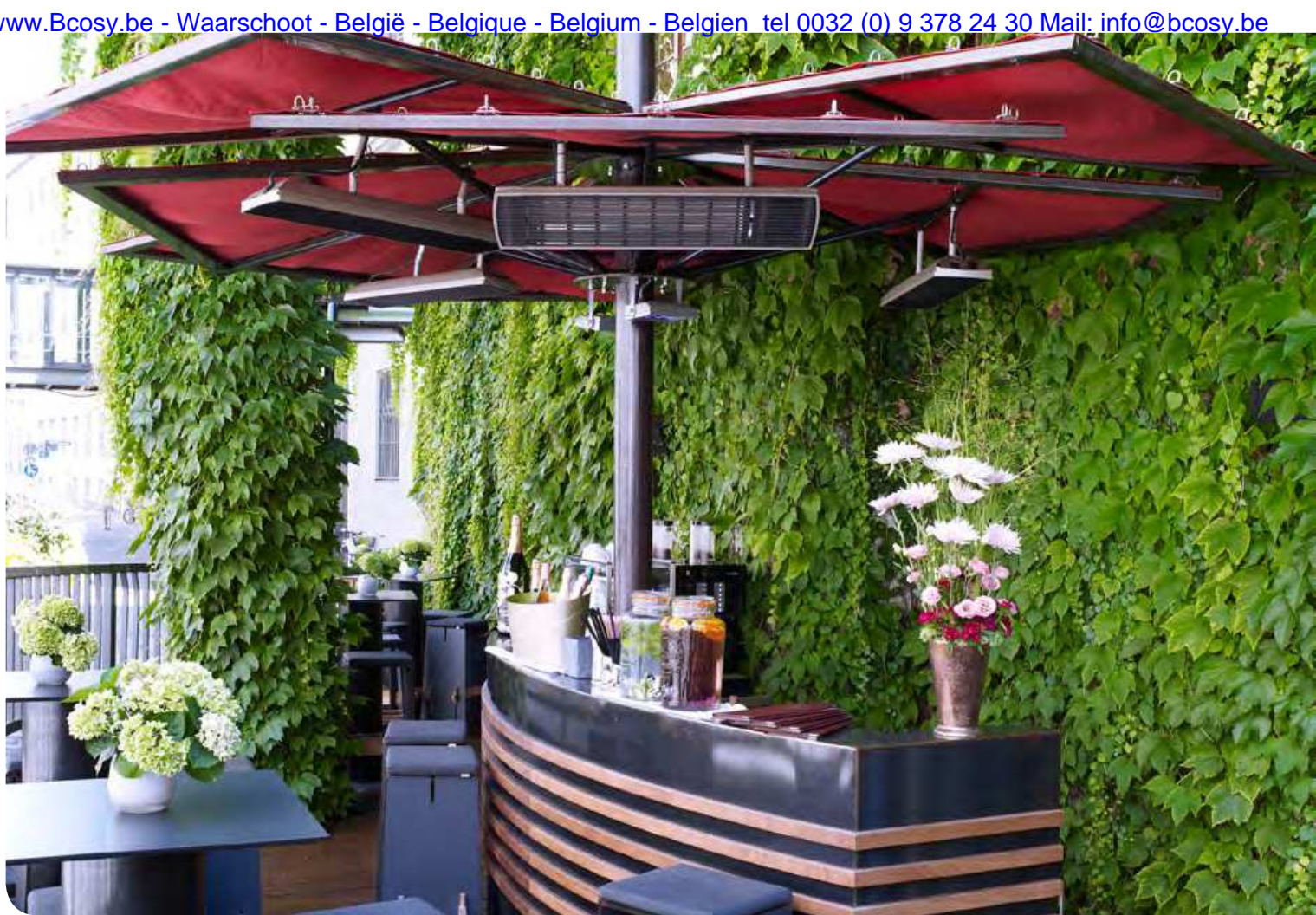


Mushroom heater or infrared heater – that's no question at all... Because infrared heaters not only consume less energy per hour and work totally electric, but they are also running no additional CO₂. With green power you can even operate your infrared heater climate-neutral!

Infrared heaters HEATSCOPE®

- power: 1.6–3.2 kWh
- energy source: electricity (230 V AC), wired
- customers feel pleasant warmth immediately
- integrated cozy well-being warmth
- costs (at 0.30 EUR/kWh):
0.48–0.96 EUR/kWh
- 100% Made in Germany
- maintenance-free, High Quality (> 10.000 hour running time of heating elements), electricity costs only





Ambient heaters

VISION

SPECIFICATIONS

- white or black (tinted) glass ceramic front (SCHOTT® NEXTREMA®)
- white or black coated aluminium body
- energy efficient twin carbon heating elements with satin surface
- patented rear-ventilated reflector heating system
- Basic model: ON/OFF + two manually adjustable output levels (100% or 50%)
- Plus version: ON/OFF + two output levels adjustable via IR remote control (100% or 50%)
- incl. complete hardware for mounting on walls and ceilings

FEATURES

- power: 1600 W, 2200 W or 3200 W
- visible light: < 300 Lumen
- radiant efficiency: > 90%
- max. output in < 30–60 secs
- protection class: IP44



Plus version: MHS-VT1600WT.100



Basic version: MHS-VE2200WT.100
Plus version: MHS-VT2200WT.100



Basic version: MHS-VE3200WT.100
Plus version: MHS-VT3200WT.100

HEATSCOPE VISION WHITE 1600

Power: 1600 W / 6.96 A
Dimensions (LxWxH): 810 x 184 x 87 mm
Weight: 6.0 kg

HEATSCOPE VISION WHITE 2200

Power: 2200 W / 9.57 A
Dimensions (LxWxH): 1160 x 184 x 87 mm
Weight: 8.0 kg

HEATSCOPE VISION WHITE 3200

Power: 3200 W / 13.91 A
Dimensions (LxWxH): 1660 x 184 x 87 mm
Weight: 11.0 kg

* Basic model with open 4-core cable for external control, Plus version with built-in remote control unit and handheld controller.

INFO ECODESIGN DIRECTIVE

All HEATSCOPE® heaters of the VE series fulfill the standards of the EU 2015/1188 ecodesign directive 2009/125/EG.



DEVireg™ SMART
thermostat



Plus version: MHS-VT1600AB.100



Basic version: MHS-VE2200AB.100
Plus version: MHS-VT2200AB.100



Basic version: MHS-VE3200AB.100
Plus version: MHS-VT3200AB.100

HEATSCOPE VISION ALLBLACK 1600

Power: 1600 W / 6.96 A
Dimensions (LxWxH): 810 x 184 x 87 mm
Weight: 6.0 kg

HEATSCOPE VISION ALLBLACK 2200

Power: 2200 W / 9.57 A
Dimensions (LxWxH): 1160 x 184 x 87 mm
Weight: 8.0 kg

HEATSCOPE VISION ALLBLACK 3200

Power: 3200 W / 13.91 A
Dimensions (LxWxH): 1660 x 184 x 87 mm
Weight: 11.0 kg

Power heaters

SPOT

SPECIFICATIONS

- white or black fin safety screen
- white or black coated aluminium body
- energy efficient twin carbon heating elements with satin surface
- patented rear-ventilated reflector heating system
- Basic model: ON/OFF + two manually adjustable output levels (100% or 50%)
- Plus version: ON/OFF + two output levels adjustable via IR remote control (100% or 50%)
- incl. complete hardware for mounting on walls and ceilings

FEATURES

- power: 1600 W, 2200 W or 2800 W
- visible light: < 600 Lumen
- radiant efficiency: > 94%
- max. output in < 15 secs
- protection class: IP24



Plus version: MHS-SP1600WT.100



Plus version: MHS-SP2200WT.100



Basic version: MHS-SM2800WT.100
Plus version: MHS-SP2800WT.100

HEATSCOPE SPOT WHITE 1600

Power: 1600 W / 6.96 A
Dimensions (LxWxH): 670 x 184 x 78 mm
Weight: 4.0 kg

HEATSCOPE SPOT WHITE 2200

Power: 2200 W / 9.57 A
Dimensions (LxWxH): 810 x 184 x 78 mm
Weight: 4.5 kg

HEATSCOPE SPOT WHITE 2800

Power: 2800 W / 12.17 A
Dimensions (LxWxH): 884 x 184 x 78 mm
Weight: 5.0 kg

INFO ECODESIGN DIRECTIVE

All HEATSCOPE® heaters of the SM series fulfill the standards of the EU 2015/1188 ecodesign directive 2009/125/EG.



DEVireg™ SMART thermostat



Plus version: MHS-SP1600AB.100



Plus version: MHS-SP2200AB.100



Basic version: MHS-SM2800AB.100
Plus version: MHS-SP2800AB.100

HEATSCOPE SPOT ALLBLACK 1600

Power: 1600 W / 6.96 A
Dimensions (LxWxH): 670 x 184 x 78 mm
Weight: 4.0 kg

HEATSCOPE SPOT ALLBLACK 2200

Power: 2200 W / 9.57 A
Dimensions (LxWxH): 810 x 184 x 78 mm
Weight: 4.5 kg

HEATSCOPE SPOT ALLBLACK 2800

Power: 2800 W / 12.17 A
Dimensions (LxWxH): 884 x 184 x 78 mm
Weight: 5.0 kg

VISION + SPOT – included

HARDWARE

Installation hardware for mounting on walls and ceilings is included with all HEATSCOPE® models!

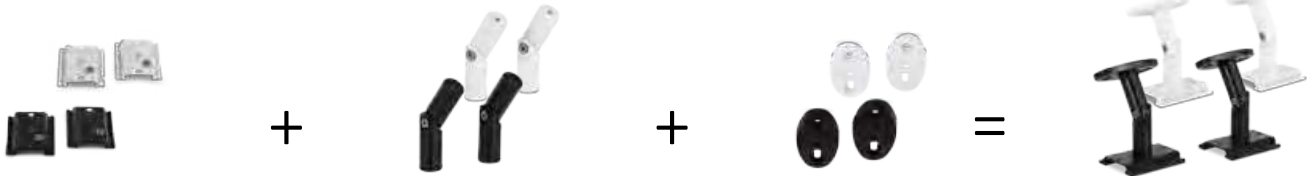
For all radiant heaters in the HEATSCOPE® series: you choose the most suitable model for your individual installation situation – and you'll receive a complete package from us including infrared radiant heater plus hardware, as pictured below.

That means: simply unpack everything, install the mounting equipment, suspend, connect and turn on your HEATSCOPE® – and immediately feel and enjoy the pleasant infrared heat.



2 level infrared remote control (depending on model)

60 mm extension (required for ceiling installation)



mounting brackets:
height approx. 11 mm

hinge suspension
components for stepless
adjustment of the HEATSCOPE®
height max. 100 mm

oval
mounting skirts
height approx. 9 mm

mounting hardware installed:
height max. 120 mm
(incl. mounting bracket)

VISION + SPOT – optional

HARDWARE

**Every installation is different –
and often requires its own additional hardware...**

Alongside the included hardware detailed in the previous page, there is of course other mounting equipment available for the HEATSCOPE® radiant heater series.

This means you can adapt the HEATSCOPE® VISION and SPOT heaters to almost all ceiling heights and environmental conditions.



HEATSCOPE® SMARTBOX
with IR remote control
connection: 220–240 V AC
Dimensions: 100 x 170 x 35.5 mm

HEATSCOPE® SMARTBOX
with somfy I/O control
connection: 220–240 V AC
Dimensions: 100 x 170 x 35.5 mm



100 mm
extension



300 mm
extension



500 mm
extension

Optional

WEATHER SHIELDS

Exclusively for
VISION + SPOT
heaters

SPECIFICATIONS: weather protection made from powder-coated aluminium in black or white - completely weatherproof
- 100% compatible with installation brackets for the HEATSCOPE® VISION ambient heaters and SPOT power heaters



HEATSCOPE weather shield 3,5

Dimensions (LxWxH): 105 x 980 x 329 mm

Weight: 1.02 kg (without heater)

corresp. models: SPOT 2200,
SPOT 2800, VISION 1600



HEATSCOPE weather shield 4

Dimensions (LxWxH): 105 x 1240 x 329 mm

Weight: 1.30 kg (without heater)

corresp. model: VISION 2200



HEATSCOPE weather shield 5

Dimensions (LxWxH): 105 x 1750 x 329 mm

Weight: 1.82 kg (without heater)

corresp. model: VISION 3200

De sign stand

FREE

Exclusively for
VISION + SPOT
heaters

SPECIFICATIONS: base made from galvanised steel in white or black · head made from powder-coated stainless steel in black or white · weather protection made from powder-coated aluminium in black or white · connection bar made from powder-coated aluminium in black, white or teakwood effect · completely weatherproof · supplied with open cable and enclosed shock-proof plug



HEATSCOPE FREE 3,5

Dimensions (LxWxH): 2163 x 980 x ø 610 mm

Weight: 38.7 kg (without heater)

corresp. models: MHS-SP2200,

MHS-SP2800, MHS-VT1600

HEATSCOPE FREE 4

Dimensions (LxWxH): 2163 x 1240 x ø 610 mm

Weight: 39.3 kg (without heater)

corresp. model: MHS-VT2200

HEATSCOPE FREE 5

Dimensions (LxWxH): 2163 x 1750 x ø 610 mm

Weight: 40.4 kg (without heater)

corresp. model: MHS-VT3200

Lifting system

LIFT + BOX + FRAME

Exclusively for
VISION + SPOT
heaters



HEATSCOPE LIFT MHS-LIFT MHS-VS-LIFT-C1 // MHS-VS-LIFT-C1

Dimensions (LxWxH): 584 x 207 x 100 mm
Weight: 4.0 kg (without heater)
corresp. models: SPOT 2200,
SPOT 2800, all VISION

Installation with control box in the direct vicinity of the ceiling opening or in a distribution box (series mounting case)

HEATSCOPE BOX MHS-VS-SCBL2800WT*

Dimensions (LxWxH): 988 x 205 x 270 mm
Weight: 5.6 kg (without heater)
corresp. models: SPOT 2800

HEATSCOPE BOX MHS-VS-VCBL1600WT*

Dimensions (LxWxH): 914 x 205 x 270 mm
Weight: 5.2 kg (without heater)
corresp. models: SPOT 2200, VISION 1600

HEATSCOPE BOX MHS-VS-VCBL2200WT*

Dimensions (LxWxH): 1264 x 205 x 270 mm
Weight: 7.0 kg (without heater)
corresp. models: VISION 2200

HEATSCOPE BOX MHS-VS-VCBL3200WT*

Dimensions (LxWxH): 1764 x 205 x 270 mm
Weight: 9.6 kg (without heater)
corresp. models: VISION 3200

HEATSCOPE FRAME MHS-VS-SFR2800WT*

Dimensions (LxWxH): 1030 x 281 x 25 mm
Weight: 2.1 kg (without heater)
corresp. models: SPOT 2800

HEATSCOPE FRAME MHS-VS-VFR1600WT*

Dimensions (LxWxH): 956 x 281 x 25 mm
Weight: 2.0 kg (without heater)
corresp. models: SPOT 2200, VISION 1600

HEATSCOPE FRAME MHS-VS-VFR2200WT*

Dimensions (LxWxH): 1306 x 281 x 25 mm
Weight: 2.4 kg (without heater)
corresp. models: VISION 2200

HEATSCOPE FRAME MHS-VS-VFR3200WT*

Dimensions (LxWxH): 1806 x 281 x 25 mm
Weight: 2.9 kg (without heater)
corresp. models: VISION 3200

* Standard colour: white, also available in black on request.



Design heaters

PURE

SPECIFICATIONS

- white or black (tinted) convex glass ceramic front (SCHOTT® NEXTREMA®)
- white or black coated aluminium body
- energy efficient twin carbon heating elements with satin surface
- patented rear-ventilated reflector heating system
- Basic model: ON/OFF + two manually adjustable output levels (100% or 50%)
- incl. complete hardware for mounting on walls and ceilings

FEATURES

- power: 2400 W
- visible light: < 300 Lumen
- radiant efficiency: > 90%
- max. output in < 20–30 secs
- protection class: IP65



Basis-Version: MHS-PE2400WT.100

HEATSCOPE PURE WHITE 2400

Power: 2400 W / 10.43 A

Dimensions (LxWxH): 1044 x 166 x 87 mm

Weight: 7.5 kg

INFO ECODSIGN DIRECTIVE

All HEATSCOPE® heaters of the PE series fulfill the standards of the EU 2015/1188 ecodesign directive 2009/125/EG.



DEVireg™ SMART
thermostate



Basis-Version: MHS-PE2400AB.100

HEATSCOPE PURE ALLBLACK 2400

Power: 2400 W / 10.43 A

Dimensions (LxWxH): 1044 x 166 x 87 mm

Weight: 7.5 kg

PURE – included

HARDWARE

Installation hardware for mounting on walls and ceilings is included with all HEATSCOPE® models!

For all radiant heaters in the HEATSCOPE® series: you choose the most suitable model for your individual installation situation – and you'll receive a complete package from us including infrared radiant heater plus hardware, as pictured below.

That means: simply unpack everything, install the mounting equipment, suspend, connect and turn on your HEATSCOPE® – and immediately feel and enjoy the pleasant infrared heat.



mounting equipment installed:
height max. 128 mm

PURE – optional

HARDWARE

**Every installation is different –
and often requires its own additional hardware...**

Alongside the included hardware detailed in the previous page, there is of course other mounting equipment available for the HEATSCOPE® radiant heater series.

This means you can adapt the HEATSCOPE® PURE heaters to almost all ceiling heights and environmental conditions. And the best: you can totally control them with the SMARTBOX and the handheld remote.



HEATSCOPE® SMARTBOX
with IR remote control
connection: 220–240 V AC
Dimensions: 100 x 170 x 35.5 mm



HEATSCOPE® SMARTBOX
with somfy I/O control
connection: 220–240 V AC
Dimensions: 100 x 170 x 35.5 mm



100 mm
extension



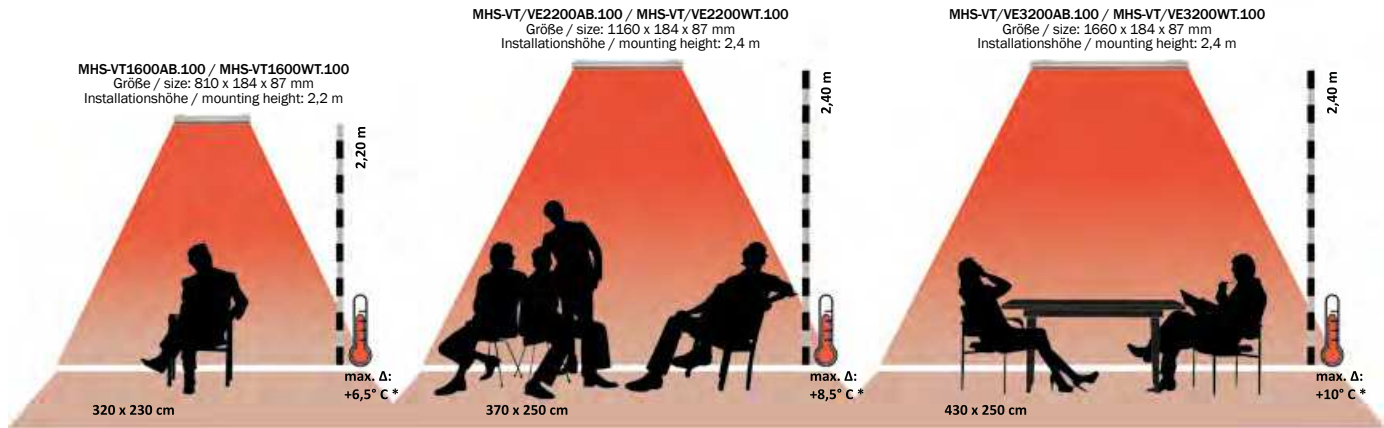
300 mm
extension



500 mm
extension

Technical data

VISION



*All values are approximate. Max. temperature increases achievable in enclosed spaces at 16 °C (dependent on the respective installation conditions and mounting height)

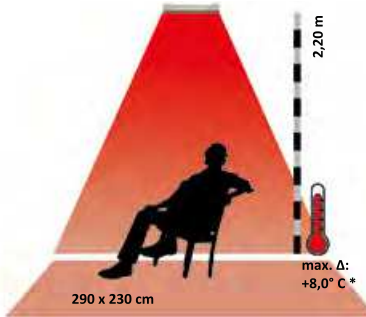
	MHS-VE2200	MHS-VE3200	MHS-VT1600	MHS-VT2200	MHS-VT3200
voltage	230 VAC ~, 50/60 Hz	230 VAC ~, 50/60 Hz	230 VAC ~, 50/60 Hz	230 VAC ~, 50/60 Hz	230 VAC ~, 50/60 Hz
power / current	2200 W / 9.57 A	3200 W / 13.91 A	1600 W / 6.96 A	2200 W / 9.57 A	3200 W / 13.91 A
open cable	1.1 m / 4 x 1.5 mm ²	1.1 m / 4 x 1.5 mm ²	1.1 m / 3 x 1.5 mm ²	1.1 m / 3 x 1.5 mm ²	1.1 m / 3 x 1.5 mm ²
IP standard	IP 44		IP 44		
accessories wall inst.	✓		✓		
accessories ceiling inst.	✓		✓		
external control system*	✓ ON/OFF, 100% + 50%		✗		
remote control via IR or somfy I/O control unit*	✓ with optional SMARTBOX: ON/OFF, 100% + 50%		✓ ON/OFF, 100% + 50%		
max. power in	30-60 Sek.		30-60 Sek.		
visible light	< 300 Lumen		< 300 Lumen		
temperature surface	300 °C		300 °C		
temperature body	max. 130 °C		max. 130 °C		
filament temperature	1200-1300 °C		1200-1300 °C		
color temperature	1550-1650 K		1550-1650 K		
recomm. installation height	min. 1.8 m / max. 2.5 m		min. 1.8 m / max. 2.5 m		

* IR remote control incl. handheld can be retrofitted for VISION VE heaters with HEATSCOPE® SMARTBOX (IR or somfy® I/O).

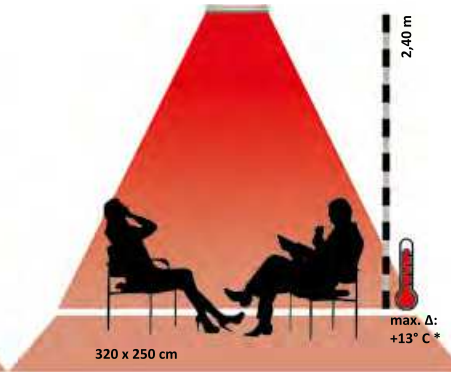
Technical Data

SPO T

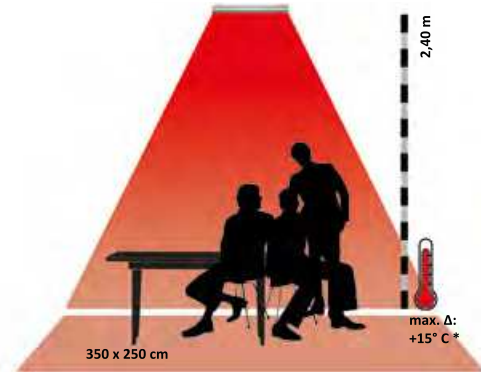
MHS-SP1600AB.100 / MHS-SP1600WT.100
Größe / size: 670 x 184 x 78 mm
Installationshöhe / mounting height: 2.2 m



MHS-SP2200AB.100 / MHS-SP2200WT.100
Größe / size: 810 x 184 x 78 mm
Installationshöhe / mounting height: 2,4 m



MHS-SP/SM2800AB.100 / MHS-SP/SM2800WT.100
Größe / size: 884 x 184 x 78 mm
Installationshöhe / mounting height: 2,4 m



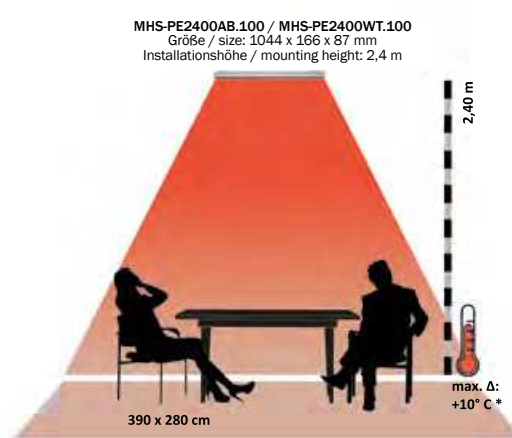
*All values are approximate. Max. temperature increases achievable in enclosed spaces at 16 °C (dependent on the respective installation conditions and mounting height)

	MHS-SM2800	MHS-SP1600	MHS-SP2200	MHS-SP2800
voltage	230 VAC ~, 50/60 Hz	230 VAC ~, 50/60 Hz	230 VAC ~, 50/60 Hz	230 VAC ~, 50/60 Hz
power / current	2800 W / 12.17 A	1600 W / 6.96 A	2200 W / 9.57 A	2800 W / 12.17 A
open cable	1.1 m / 4 x 1.5 mm ²	1.1 m / 3 x 1.5 mm ²	1.1 m / 3 x 1.5 mm ²	1.1 m / 3 x 1.5 mm ²
IP standard	IP 24	IP 24		
accessories wall inst.	✓	✓		
accessories ceiling inst.	✓	✓		
external control system*	✓ ON/OFF, 100% + 50%	✗		
remote control via IR or somfy I/O control unit*	✓ with optional available SMARTBOX: ON/OFF, 100% + 50%	✓ ON/OFF, 100% + 50 %		
max. power in	15 Sek.	15 Sek.		
visible light	< 600 Lumen	< 600 Lumen		
temperature surface	400 °C	400 °C		
temperature body	max. 150 °C	max. 150 °C		
filament temperature	1200-1300 °C	1200-1300 °C		
color temperature	1550-1650 K	1550-1650 K		
recomm. installation height	min. 1.8 m / max. 3.0 m	min. 1.8 m / max. 3.0 m		

* IR remote control incl. handheld can be retrofitted for SPOT SM heaters with HEATSCOPE® SMARTBOX (IR or somfy® I/O).

Technical Data

PURE



*All values are approximate. Max. temperature increases achievable in enclosed spaces at 16 °C (dependent on the respective installation conditions and mounting height)

	MHS-PE2400
voltage	230 VAC ~, 50/60 Hz
power / current	2400 W / 10.43 A
open cable	1.1 m / 4 x 1.5 mm ²
IP standard	IP 65
accessories wall inst.	✓
accessories ceiling inst.	✓
external control system*	✓ ON/OFF, 100% + 50%
remote control via IR or somfy I/O control unit*	✓ wit optional available SMARTBOX: ON/OFF, 100% + 50%
max. power in	20-30 Sek.
visible light	< 600 Lumen
temperature surface	350 °C
temperature body	max. 110 °C
filament temperature	1200-1300 °C
color temperature	1550-1650 K
recomm. installation height	min. 1.8 m / max. 2.5 m

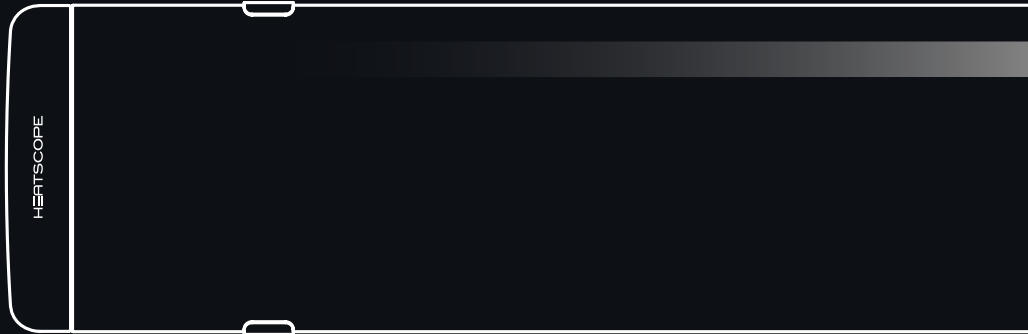
* IR remote control incl. handheld can be retrofitted for PURE PE heaters with HEATSCOPE® SMARTBOX (IR or somfy® I/O).

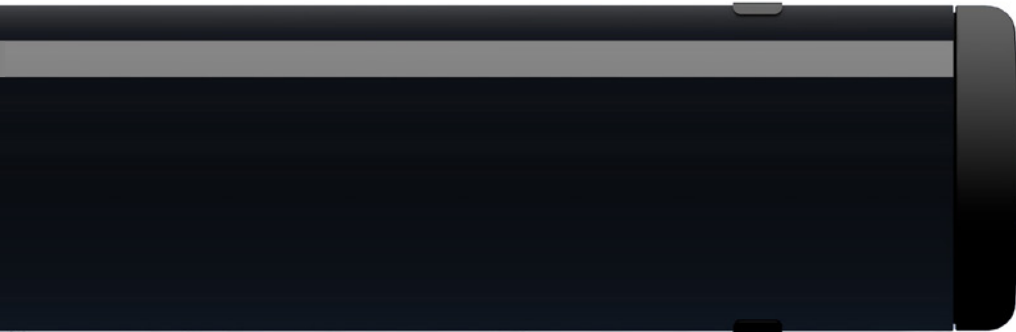


HEATSCOPE® PURE

HEATSCOPE

WENIGER. IST. MEHR.





PURE.

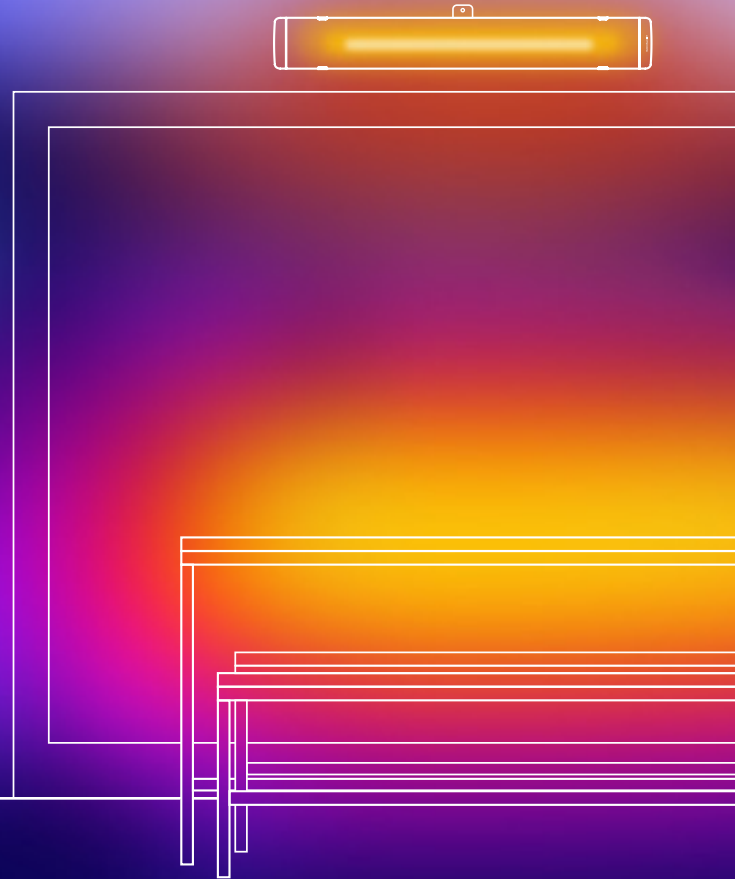
PURE. HEAT.

„Weniger“ bedeutet in diesem Fall „weniger Licht“ – dafür umso „mehr Wärme“.

Oder anders gesagt: Das bisherige Konzept von Infrarot-Heizstrahlern musste auf den Kopf gestellt und vollkommen neu gedacht werden.

Bei herkömmlichen Strahlern ist es so, dass die Wärme als Teil einer Licht-Erzeugung anfällt (etwa mit Halogen-Lichtröhren oder Quarz-Elementen). Bei HEATSCOPE® hat man einen ganz neuen Weg eingeschlagen.

Bei diesem neu entwickelten Heizstrahler-Konzept ist das Licht nur noch unscheinbares Nebenprodukt der Wärme-Erzeugung. Hier werden zwei Spiralen aus Carbon-Fasern unter Strom gesetzt, beginnen zu glühen und erhitzen sich. So entsteht neben der sofort spürbaren Erwärmung lediglich ein dezent orange-farbener Ambiente-Schein.





DESIGN. MACHT. WÄRMER.

Optimale Wärme-Leistung und Design haben bei allen HEATSCOPE® Infrarot-Heizstrahlern oberste Priorität!

Schon während der ersten Planungen steht die Frage im Vordergrund: Wie kann man die beste Leistung in der schönsten Form und im klarsten Design verwirklichen?

Herausgekommen sind – nach unzähligen Treffen, Tests und Prototypen – formschöne Geräte, die auf den ersten Blick nicht wie Heizstrahler aussehen.

So ist der HEATSCOPE® **PURE** der einzige Heizstrahler weltweit, der mit einer konvex geformten SCHOTT NEXTREMA® Glasfront ausgestattet wurde. Dabei erfüllt das Glas in erster Linie einen technischen Zweck: durch die Wölbung werden die Carbon-Heizelemente unmittelbar hinter der Front platziert und geben noch mehr Wärme in den A-förmigen Heizkorridor darunter ab – und dies bei gleichzeitig deutlich reduziertem Licht.

Nicht ohne Grund wurde der HEATSCOPE® **PURE**, entworfen vom Design Studio Bjørn Blisse, mit dem RedDot Design Award 2018 ausgezeichnet.



reddot design award
winner 2018



GANZ. EINFACH. MONTIERT.

Der HEATSCOPE® PURE kommt mit einer neuen, farblich passenden Halterung für die Decken- oder Wandmontage. Die mitgelieferte Wand- bzw. Deckenhalterung benötigt lediglich zwei Schrauben, um sicher befestigt zu werden.

Gehalten wird der Strahler dabei von nur einer Klemmschiene. Auf der Rückseite des Gehäuses befindet sich eine Nut, in der diese eingespannt wird. Der Strahler wird anschließend per Drehgelenk im gewünschten Winkel ausgerichtet.

Das spart Zeit, macht flexibler und ist auch noch eleganter.





PLUG. AND. PLAY.

Der Anschluss des HEATSCOPE® PURE erfolgt mittels eines Leistungssteckverbinder mit Schutzklasse IP65 und einer 4-poligen Zuleitung.

SPEZIFIKATIONEN:

EIN/AUS + zwei manuell schaltbare Leistungsstufen (100% und 50%) am Gerät oder extern (in Smart Home Systeme wie somfy, Elsner, KNX etc. integrierbar).

Info EU Verordnung 2015/1188 zur Ökodesign-Richtlinie 2009/125/EG:

Die Konformität der HEATSCOPE® Heizstrahler der PE-Reihe für die Installation in geschlossenen Räumen gem. EU 2015/1188 Ökodesign-Richtlinie ist gegeben, wenn die Raumtemperaturkontrolle durch das optional erhältliche DEVIreg™ Smart Thermostat ausgeführt wird.



PURE. BLACK. HEAT.

HEATSCOPE® PURE ALLBLACK

Konvex geformter schwarzer Front-Screen.

High Performance Industrie-Glas-Keramik SCHOTT NEXTREMA®.

Schwarz beschichteter Aluminium-Korpus.

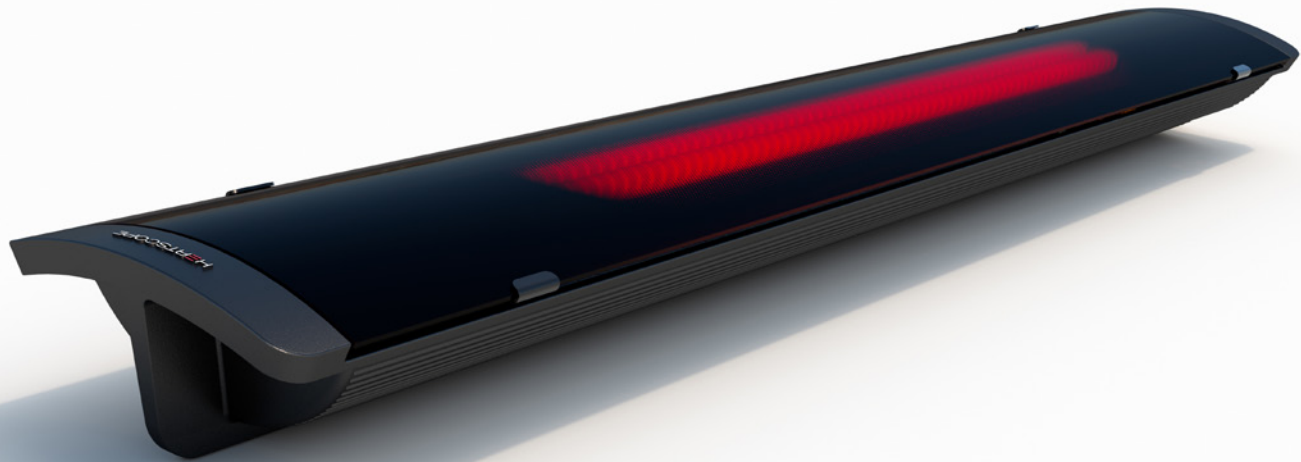
Energie-effiziente Doppel-Carbon-Heizelemente direkt hinter der gewölbten Glas-Front.

Patentiertes Reflektor-Heiz-System mit hinterlüfteter Rückseite.

Sichtbares Licht: <300-400 Lumen.

Maximale Leistung in 20-30 Sekunden.

Art.Nr.:	MHS-PE2400AB.100
Farbe (Front / Korpus):	schwarz
Leistung:	2400 W / 10,43 A
Gewicht:	7,5 kg
Maße Strahler:	1044 x 166 x 87 mm
Schutzklasse:	IP65



reddot design award
winner 2018

PURE. WHITE. HEAT.

HEATSCOPE® PURE WHITE

Konvex geformter weißer Front-Screen.

High Performance Industrie-Glas-Keramik SCHOTT NEXTREMA®.

Weiß beschichteter Aluminium-Korpus.

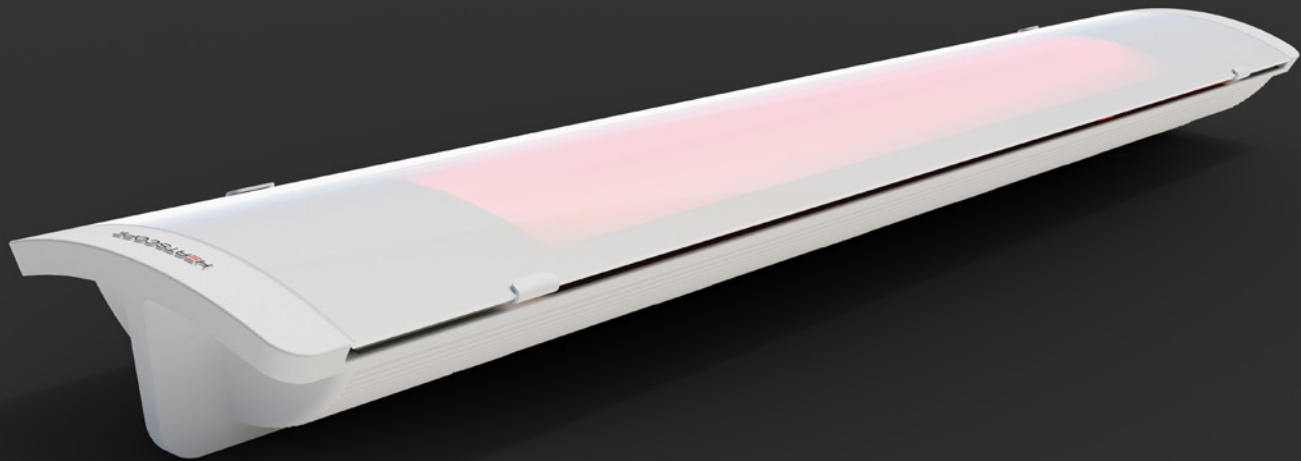
Energie-effiziente Doppel-Carbon-Heizelemente direkt hinter der gewölbten Glas-Front.

Patentiertes Reflektor-Heiz-System mit hinterlüfteter Rückseite.

Sichtbares Licht: <300–400 Lumen.

Maximale Leistung in 20–30 Sekunden.

Art.Nr.	MHS-PE2400WT.100
Farbe (Front / Korpus):	weiß
Leistung:	2400 W / 10,43 A
Gewicht:	7,5 kg
Maße Strahler:	1044 x 166 x 87 mm
Schutzklasse:	IP65



red dot design award
winner 2018