



HEATSCOPE®
VISION / SPOT

AIR

BEAUTIFULLY **WARM**



In our eyes, the development and creation of design and ambient radiant heaters follows simple, clear principles. We strongly believe that infrared radiant heaters act as special design elements, which:

- make everything a little nicer (and of course warmer);
- create a pleasant atmosphere in low light thanks to the maximum thermal output and
- operate very efficiently using their twin carbon heating elements and a patented reflector system.

Aesthetics, efficiency and sustainability – these are our principles. That’s what makes us special. And that is what you instantly see. Then you can feel it – just a few moments later.

But test it out for yourself! And experience a completely new generation of ambient design radiant heaters.



And of course, everything is 100% “made in Germany”.
That’s another of our principles.

LESS IS MORE

In this case “less” means “less light” – but so much the “more heat”. In other words: the previous concept of infrared radiant heaters has been turned upside down and thought of in a completely new way.

In conventional heaters the heat arises as part of the process of generating light (for example using halogen light tubes or quartz elements).

At HEATSCOPE® we've adopted a new way of doing things. In this newly developed concept for radiant heaters, light is nothing but an inconspicuous byproduct of heat generation.

Two spirals made from carbon fibres are powered with an electric current, and they begin to glow and heat up instantly.

So alongside the immediately noticeable rise in temperature, there is only a significantly reduced, subtle, orange-coloured ambient light.





DESIGN IS EVERYTHING

Optimal heat output and unique design are the top priorities of all HEATSCOPE® infrared radiant heaters!

From the initial planning stage over the product development until the final result, we constantly follow one leading motivation: to bring down to a common denominator the maximum heat output paired with the most attractive style and clean-cut design.

The result of this – after several meetings, tests and prototypes – are elegant appliances that don't look like radiant heaters at first glance.



efficiency

made simple

We are committed to efficiency!

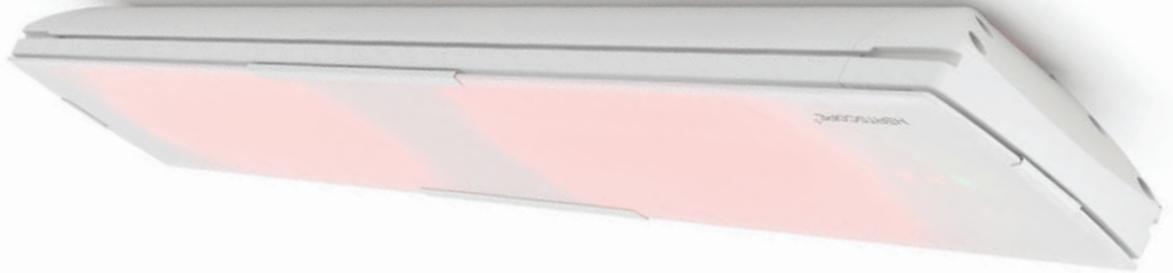
All HEATSCOPE® radiant heaters were developed in accordance with the newest findings concerning the mid-wave IR range. This means that up to 94% of the energy used is turned directly into ambient heat.

fig. heater model: MHS-VT3200AB.100

1660 x 184 x 87 mm · 3200 W · also available in white







real infrared

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
1160 x 184 x 87 mm · 2200W · 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
884x184x78 mm · 2800W · also available in white



Schützen festival tent on the Oktoberfest · Munich · Germany





super
fast

The HEATSCOPE® power heaters reach their maximum heat performance of 100% within just an instant after activation: the SPOT already after 15-20 seconds, the VISION heater types after approximately 60 seconds.

fig. heater model: MHS-SP2200WT.100
810 x 184 x 78 mm · 2200 W · also available in black



usable
everywhere

The HEATSCOPE® Free (Design: Bjørn Blisse) enables to bring comfortable warmth to every corner in your garden or on your terrace. On top it protects the heater from rain through a concave shaped weather shield, and on the inside the integrated anti-tilt system automatically turns off the device whenever tilted too far.

fig. model: MHS-FREE-3,5-AB with MHS-SP2800AB.100
2163 x 980 x ø 610 mm · 2800 W · also available in white & wooden design





optimally shielded

HEATSCOPE® heater types VISION and SPOT need to be sheltered against direct and frequent rain on the back side. This is achieved the best by installing the devices under a roof or a canopy. Wherever this is not possible, a weather protection shield is obligatory.



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 – is by Bjørn Blisse.

fig. model: MHS-VS-WS3.AB with SP2800AB.100
105 x 980 x 329 mm · 2800 W · also available in white

total control

All HEATSCOPE® radiant heaters can be operated in 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 the integration into an external control system.

fig. model: MHS-VS-FBHS-BK-S
173x29x18 mm · colour: black









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

584x207 x100 mm · aluminium

for indoor and outdoor



SPOT



even applicable in
exposed windy
patios and areas



applicable at
lower outside
temperatures



recomm.
installation height:
1.80-3.00 m



VISION



applicable indoor or
in sheltered outdoor
areas with no/low
wind influences



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



recomm.
installation height:
1.80-2.50 m







basics¹

Gas mushroom heaters

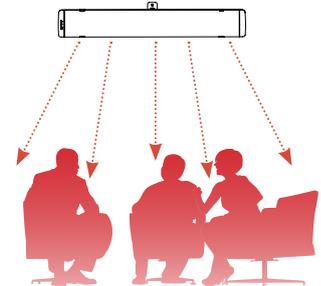
- power: 8–14 kWh
- energy source: gas bottle, change after max. 18 h
- heats up the surrounding air only, not people
- uncomfortable heat on the head
- costs (at 0.35 EUR/kWh):
2.80–4.90 EUR/hour
- Made in China, India or similar
- prone to maintenance, low quality, frequent change of gas bottle, high running service and operating cost



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 not producing any 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), hardwired
- people feel pleasant warmth immediately
- integrated cozy well-being warmth
- costs (at 0.35 EUR/kWh):
0.56–1.12 EUR/hour
- 100% Made in Germany
- maintenance-free, High Quality (> 10.000 hour running time of heating elements), electricity cost only



basics²

Why do exist 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 glass ceramic front, whereas the SPOT power heater has an open fin front screen.

The glass reduces the already low light output (only 30% compared to 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 against wind.



Marstall festival tent on the Oktoberfest · Munich · Germany



basics³

Which heater model is best for me?

On a open terrace, where sometimes even the wind is blowing, we highly recommend the SPOT power heaters only.

If you want to heat your conservatory, glass house or sheltered loggia, we entrust the ambient heaters VISION to you, which perfectly match well protected or closed 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.

always sustainable

Design is one thing – sustainability another important factor within the whole HEATSCOPE® range. All devices are designed in a way, that every single component can be changed even in long terms. In case of disposal, every part can be individually recycled.

This makes repairs possible and easy, protects the environment and follows from the beginning of its development strict sustainable guidelines.





ecodesign

directive

At the beginning of 2018 EU the regulation 2015/1188 Ecodesign Directive 2009/125/EG became obligingly effective. This directive lays down, that electrical room heaters have to be equipped with a thermostat combined with a weekday control whenever installed indoor.

HEATSCOPE® ambient heaters are factory-set delivered without any thermostat control system, what is consequent and reasonable to unnecessarily economize valuable resources.

All heater types without our own remote control system can be optionally combined with a special thermostat according to the ecodesign directive.

Due to the room temperature control by means of a certified thermostat control, the conformity of the HEATSCOPE® ambient heaters according to the EU 2015/1188 Ecodesign Directive is given.

We recommend DEVIreg™ Smart thermostats, which meet the requirements of the 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.

Ambient heaters

VISION

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

SPECIFICATIONS

- white or black (tinted) glass ceramic front
- 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 mounting accessory for wall or ceiling installation



HEATSCOPE VISION 1600

Power: 1600 W / 6.96 A

Dimensions (LxWxH): 810 x 184 x 87 mm

Weight: 6.0 kg

HEATSCOPE VISION 2200

Power: 2200 W / 9.57 A

Dimensions (LxWxH): 1160 x 184 x 87 mm

Weight: 8.0 kg

HEATSCOPE VISION 3200

Power: 3200 W / 13.91 A

Dimensions (LxWxH): 1660 x 184 x 87 mm

Weight: 11.0 kg

Power heaters

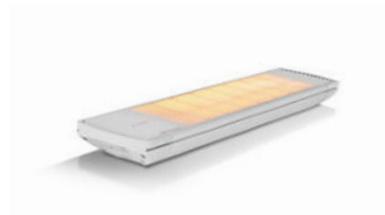
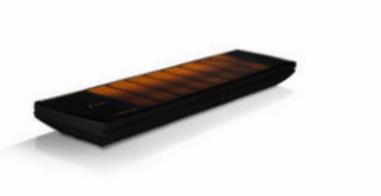
SPOT

FEATURES

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

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 mounting accessory for wall or ceiling installation



HEATSCOPE SPOT 1600

Power: 1600 W / 6.96 A

Dimensions (LxWxH): 670 x 184 x 78 mm

Weight: 4.0 kg

HEATSCOPE SPOT 2200

Power: 2200 W / 9.57 A

Dimensions (LxWxH): 810 x 184 x 78 mm

Weight: 4.5 kg

HEATSCOPE SPOT 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 extensions (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 equipment optional 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. Beside this you can include the operation into the somfy I/O remote system.



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



100 mm
extensions



300 mm
extensions



500 mm
extensions

Optional

WEATHER SHIELDS

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

Design stand **FREE**

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

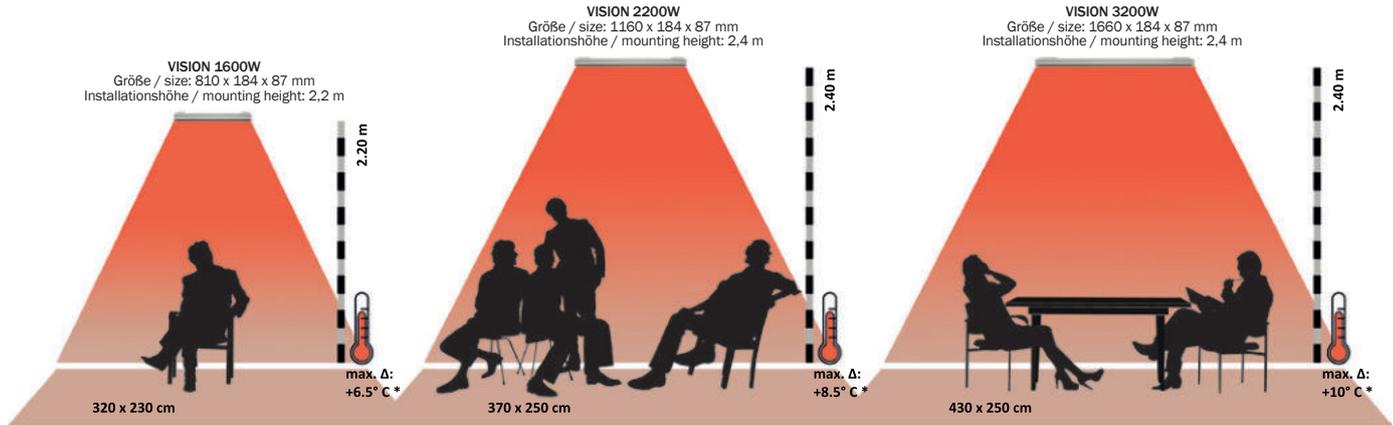


HEATSCOPE FREE 5

Dimensions (LxWxH): 2163 x 1750 x ø 610 mm
Weight: 40.4 kg (without heater)
corresp. model: MHS-VT3200

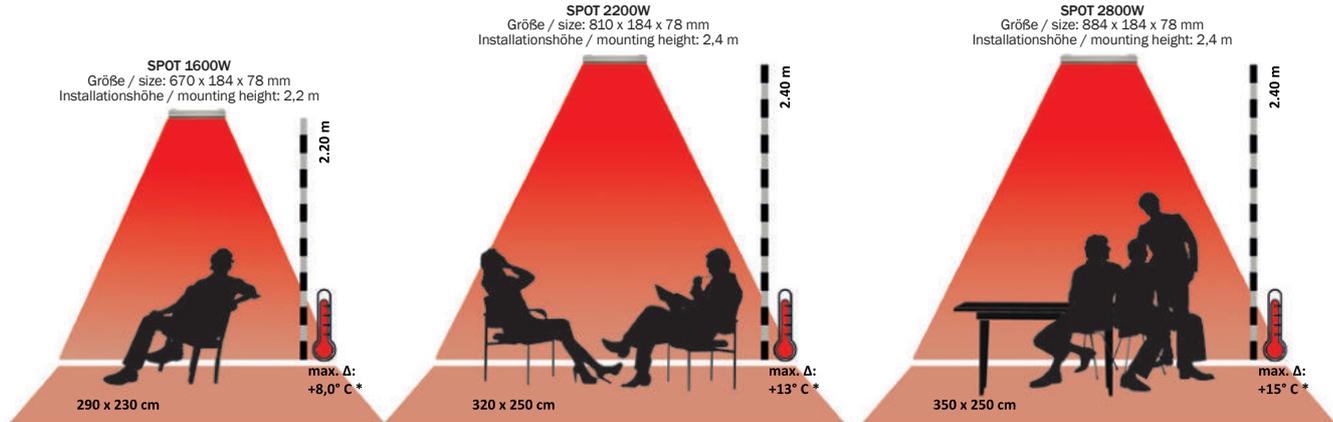
Technical data

VISION



Technical data

SPOT



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

HEATSCOPE®

ambient heating

DISTRIBUTION:

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brands for atmosphere

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