

HEATSTRIP™

HEAT

by MOONICH



# COSY WARMTH

**HEATSTRIP™** is an innovative radiant heater conception – developed and produced exclusively in Germany. HEATSTRIP™ offers a beautifully shaped solution for effectively heating covered outdoor areas like terraces, pavilions and smoking areas as well as cool rooms like winter gardens or wellness areas. A special infrared technology allows creating a comfortably warm ambient climate at minimal heat loss even on cooler days without the need of a disturbing red light as with classical infrared radiators.

# WARM LIKE THE SUN

HEATSTRIP™ is a so-called middle-wave radiant tube in the infrared B range which directly heats, similar to the beams of sunlight, by permeating the air and firstly heating the surfaces of materials or bodies, which thereupon emit heat into the ambient air, whereby the ambient temperature is increased very comfortably. There is hardly any loss through rising heat unlike with conventional radiant heaters and gas-fired mushroom heaters.

For this purpose, the surface of the radiator is heated to a temperature of approx. 400 °C. Only after this temperature range has been reached, enough radiant heat for transport via a larger distance of up to 3 meters will be generated. The key element of this technique: the bodies located inside the band of radiation are heated precisely, i.e. without heat losses.

## AREAS OF APPLICATION

- outdoor seating in the gastronomy
- tents & pavilions
- house walls
- roofed courtyards
- porches / balconies
- winter gardens
- event area



# CONSTRUCTION

## BENEFITS

### **beautifully shaped**

- no red light in spite of infrared technology
- extraordinary design

### **effective and comfortable**

- uniform heat distribution
- precise adjustability
- hardly any heat loss
- pleasant indoor climate
- low noise
- weather-resistant

### **economical**

- no need to exchange illuminant
- no maintenance cost

The new Heatstrip™ consists of anodized aluminum profiles which were thermally separated by means of an innovative mechanism, so that the front of the radiator generates optimal radiant heat with 400 °C, while the back barley absorbs energy with about 90 °C. This means: very low energy loss and utmost cosy warmth.

This also allows for mounting Heatstrip™ on all non-combustible materials. For wood and other combustible surfaces, adjustable and fixed mounting brackets ensuring sufficient distance to the mounting surface are available as options.



The curved ribbed front has been physically calculated to ensure the best possible radiation angle for an optimal heat distribution.

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Due to its corrosion-resistant aluminum construction in connection with entirely weather-resistant components meeting the VDE Standard, Heatstrip™ may be used in covered outdoor areas, even in coastal regions. Special weather shields made of stainless steel are available for unprotected outdoor areas. Heatstrip™ together with the available accessories features IP protection class 4 (IP-X4).

# MODELS AND ACCESSORIES

## HEATSTRIP™

### MHS-3200

Maximum power: 3,200 W

Power cons.: approx. 14 A

Dimensions: 200.0 x 16.9 x 7.5 cm (LxWxH)

Cable: 1.5 m length, 3 x 2.5 mm with safety plug

heat-resistant up to 170 °C

length of plug at radiator approx. 8 cm

Weight: 13.0 kg

Packaging unit: 1 piece



## MODELS

Heatstrip™ is available in 3 sizes to cater for different structural requirements.

# TSTRIP™

## HEATSTRIP™

### MHS-2400

Maximum power: 2,400 W

Power cons.: approx. 11 A

Dimensions: 150.0 x 16.9 x 7.5 cm (LxWxH)

Cable: 1.5 m length, 3 x 2.5 mm with safety plug  
heat-resistant up to 170 °C  
length of plug at radiator approx. 8 cm

Weight: 10.5 kg

Packaging unit: 1 piece



## HEATSTRIP™

### MHS-1800

Maximum power: 1,800 W

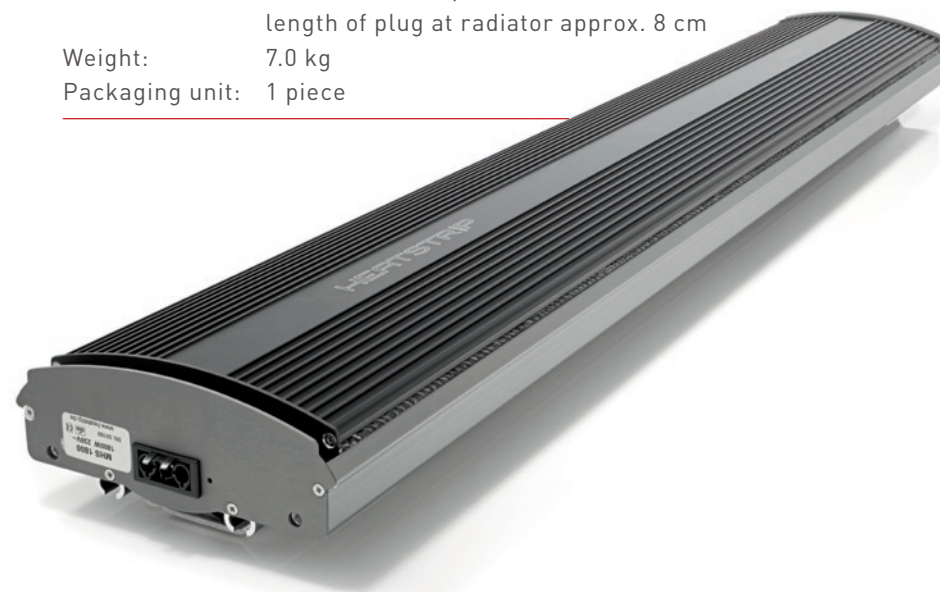
Power cons.: approx. 8 A

Dimensions: 100.0 x 16.9 x 7.5 cm (LxWxH)

Cable: 1.5 m length, 3 x 2.5 mm with safety plug  
heat-resistant up to 170 °C  
length of plug at radiator approx. 8 cm

Weight: 7.0 kg

Packaging unit: 1 piece



## ACCESSORIES

The new Heatstrip™ provides you with many accessories improving the fields of application and increasing the comfort of use.

### Radio control

Radio Receiver Module, EnOcean Standard, featuring a 6-stage timer function for automatic switch-off after 0.5 to 12 hours, and 3 radio-controlled power stages. Including LED display for programming mode, power stages and ON/Standby operating modes. Every receiver can respond to a maximum of 28 different transmitters.

MHS-FBM



Radio transmitter for wall mounting, with 1 or 2 rockers for controlling a maximum of 2 different radiators or radiator groups.



MHS-FBWS

Radio transmitter, hand-held transmitter with 4 rockers for controlling a maximum of 4 different radiators or radiator groups.



MHS-FBHS





MHS-DAH

### Ceiling bracket

If you want to mount the radiant heater on a ceiling, and the ceiling is too high for allowing the ideal working height of about 2.50 m, an extensible ceiling bracket made of aluminum is available, which has a length of 500 mm and may be extended by up to 500 mm. Custom sizes are available on request.



MHS-WS10

### Weather shield

Ready-to-use weather shields made of stainless steel for all 3 sizes are available, for use either only with the radiator or the radiator including the radio control and/or the connecting element. The weather shields are highly recommended for open unprotected outdoor areas.



MHS-WH45



### Wall brackets

(highly recommended for wall mounting)

Wall bracket made of V4A stainless steel in 45° angle, matching the attachment profiles included in the scope of supply.

Wall brackets, infinitely adjustable from 0° to 90°.

All brackets are delivered in pairs and are also suitable for use with weather shields.



MHS-WHSL

### Connecting element

To avoid the connection of the radiator with the lateral cable connector, we supply a connecting element providing for a cable guide on the back. Attach this module on the lateral cable connector which provides an esthetically pleasant solution, if for instance you want to present a uniform line of several radiators in a row.



MHS-ESM

# HEATSTRIP™

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RoHS

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Subject to technical modifications.