



INFRATEMPER RADIANT HEATER

The INFRATEMPER radiant heater is cost-effective and produces efficient heating due to the special properties of infrared radiation. The radiation does not heat the air but only the objects and persons hit by the infrared radiation. INFRATEMPER is therefore suitable for outdoor warming. If the radiant heater is mounted and placed correctly, it is possible to enjoy the stay on your terrace even with an air temperature as low as 12°C.

Radiant heaters are also suitable and cost effective in connection with indoor use for local heating of e.g. workroom, bathroom as well as for the heating of workplaces. When using the heater for a long period, the radiant heater and the heated objects in the room will give off heat to the ambient air. The radiant heater works without standby and does not use unnecessary power.

TYPES OF INFRATEMPER

TA

A universal INFRATEMPER radiant heater for both indoor and outdoor use. The heater is made of electroplated steel plate covered with polyester powder paint. The reflector is made of mirror finished, anodised aluminium. The TA series is IP44 and is therefore suitable for outdoor use. Can be mounted on the ceiling or horizontally on the wall - see more under "mounting".

TA-R

INFRATEMPER radiant heater in suitable at places where it is desirable to regulate the output. The two heating elements in connection with the built-in switch, allows regulation of the heat to 1/4, 1/2 and 1/1 which makes heating cost-effective. TA-R is also IP44. Must only be mounted horizontally on the wall - see more under "mounting".

IHS

The IHS series is IP54 and is thus suitable for application in e.g. the fishing and canning industry, in dairies and abattoirs. INFRATEMPER radiant heater is made of stainless steel and aluminium (ends). Can be mounted on the ceiling or horizontally on the wall - see more under "mounting".

MOUNTING

By mounting the INFRATEMPER at the wall or on the ceiling, the enclosed fittings have to be used. The short "leg" at the fittings has to be mounted to the wall or the ceiling.

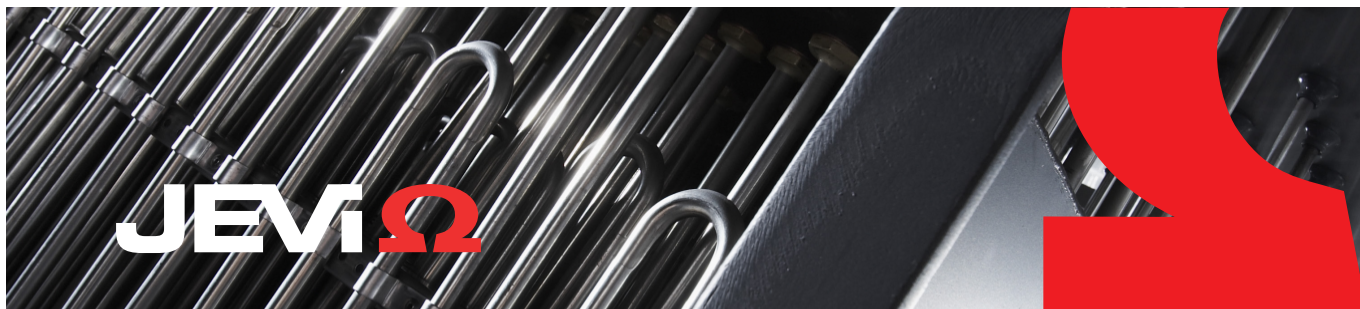
Mounting on the ceiling: min. 30cm to the wall.

Mounting on the wall: min. 15cm to the ceiling.

Please be aware that the suspension height must be 1,8m min. above the floor. And there must be 1m free space min. in the radiation direction. Doors and windows must not open closer than 1m from the heater in the radiation direction.

The necessary output depends on the installation height, the air temperature and the duration of stay, e.g. a high installation height, low surrounding temperature and long stay requires a high output. An installation height of 2m, an air temperature of 15°C and a 2 hour stay requires an output of 500-750 watt/m².





STANDARD PROGRAMME

| Item no. | Type | Power Tolerance +5 / -10% | Voltage | Length |
|----------|----------|------------------------------|---------|--------|
| 78100013 | TA-50 | 500W | 230V | 745mm |
| 78100021 | TA-100 | 1000W | 230V | 1215mm |
| 78100039 | TA-150 | 1500W | 230V | 1785mm |
| 78100047 | TA-200 | 2000W | 230V | 2215mm |
| 78100062 | TA-50 | 500W | 400V | 745mm |
| 78100070 | TA-100 | 1000W | 400V | 1215mm |
| 78100088 | TA-150 | 1500W | 400V | 1785mm |
| 78100096 | TA-200 | 2000W | 400V | 2215mm |
| 78100112 | IHS-100 | 1000W | 230V | 925mm |
| 78100120 | IHS-150 | 1500W | 230V | 1210mm |
| 78100054 | TA-R 100 | 1000W | 230V | 725mm |
| 78100104 | TA-R 100 | 1000W | 400V | 725mm |

ECODESIGN DIRECTIVE (EU) 2015/1188

The directive applies when the installation is intended to create comfort heating for people on site.

The directive does not apply to heating of industrial processes, product development rooms, frost protection, offshore and external use.

It is up to the installer, who is responsible for the installation to assess whether the Ecodesign directive is valid or not.

For control and regulation that satisfy the requirements of the Ecodesign Directive (EU) 2015/1188, we recommend using the following thermostat item no. 19113564. For more information see product sheet "Control and regulation - Ecodesign directive (EU) 2015/1188" at www.jevi.com