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# Radiant Heaters

## type TA, TA-R, IHS & Sindstra

Infrateper radiant heaters are cost effective and produce efficient heating due to the special properties of infrared radiation. The rays do not heat the air but only the objects and persons affected by the heat rays.

Radiant heaters are also suitable and cost effective in connection with indoor use for local heating of e.g. workroom, bathroom as well as heating of workplaces



**SINUS**  
**JEVI** 



Liquids



Gasses



Solids



Spaces



Resistors

Infratemper radiant heaters are cost effective and produce efficient heating due to the special properties of infrared radiation. The rays do not heat the air but only the objects and persons affected by the heat rays. Infratemper is therefore suitable for outdoor use. If the radiant heater is mounted and placed correctly it is possible to enjoy the stay at 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 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 air.

## MOUNTING

The heater is placed thus only the used area is heated. If possible it is recommended to mount several heaters so that the heat is given off from several sides. It is also recommended to mount the heaters so that the heat rays are coming from the coldest direction, e.g. thus the heaters are pointed towards the wall at the terrace. See also the installation unstruction.

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

**TA** - an 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 splash-proof and is therefore suitable for outdoor use.



**TA-R** - an adjustable Infratemper radiant heater suitable at places where it is desirable to regulate the output. The two heating elements in connection with the built-in switch enables regulation of the heat with 1/4, 1/2 and 1/1 output and is therefore cost effective.



**IHS** - Infratemper radiant heater is made of stainless steel and surface coated aluminium. The IHS series is IP54 and is thus suitable for application in e.g. the fishing and canning industry, at dairies and abattoirs.



## SINDSTRA

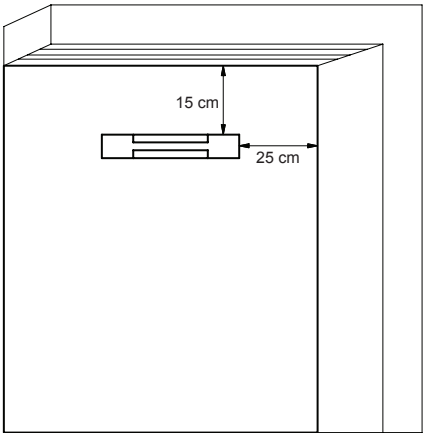
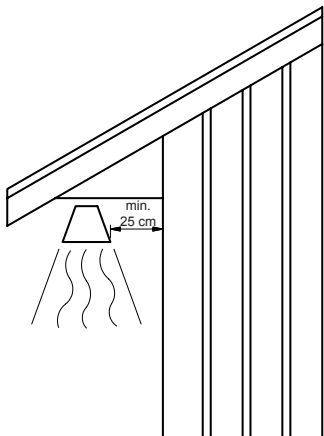
For drying of casting moulds in the plastic industry: paper in the graphic industry and seeds and grass in the agricultural sector.

We recommend that you contact our sales department before using the standard radiant heaters for industrial application.

Special models with quartz glass infrared elements in short-, medium- or long-wave lengths and stainless steel elements can be supplied with adapted constructions and output.

The heaters are made of a stainless steel high-polish-finished reflector, provided with a stainless steel infra-red element, assembled in a water-proof connection box (IP54).





TECHNICAL DATA			INFRATEMPER	
Type	Output	Voltage	Length	Article number
TA-50	500 Watt	230 Volt	725 mm	424 050 230A
TA-100	1000 Watt	230 Volt	1215 mm	424 100 230B
TA-150	1500 Watt	230 Volt	1785 mm	424 150 230B
TA-200	2000 Watt	230 Volt	2215 mm	424 200 230A
TA-R 100	1000 Watt	230 Volt	725 mm	424 100 230C
IHS-100	1000 Watt	230 Volt	925 mm	424 100 230A
IHS-150	1500 Watt	230 Volt	1230 mm	424 150 230A
Sindstra 1500	1500 Watt	230 Volt	1000 mm	A040 511 500
Sindstra 2500	2500 Watt	230 Volt	1000 mm	A040 612 500
TA-50	500 Watt	400 Volt	725 mm	424 050 400A
TA-100	1000 Watt	400 Volt	1215 mm	424 100 400A
TA-150	1500 Watt	400 Volt	1785 mm	424 150 400A
TA-200	2000 Watt	400 Volt	2215 mm	424 200 400A
TA-R 100	1000 Watt	400 Volt	725 mm	424 100 400B



WARNING! Hot surface when energized!



Sinus is one of the pioneers in the field of explosion proof heating equipment, today we are still operating at the forefront. We manufacture according to ATEX as well as IECEx and EAC directives.

For the production of Ex-proof equipment a PQAN (Product Quality Assurance Notification) is issued by TUV-Nord. Our ISO-9001 and ISO-14001 systems are also monitored by this organisation.

**NIBE**