



TVH Radiant Panel Heaters

Description:

- Suitable for heating of rooms with high roof height
- New technology provides higher temperature and better effect
- Reduces heating expenses
- Can also be used as additional heating for cold work places
- Requires no wall space
- Radiant heating surface in black, painted steel
- Very solid, protection IP 45
- Delivered in 230 or 400 V

The radiant panel heaters are manufactured with raw sintek back and side walls. The radiant surface is black painted steel. The surface temperature is approx. 400°C, which gives a very high power. As much as 86% radiant heat and only 14% convectional heat. Delivered in 3 phase, 230 or 400V. The radiant surface is solid and makes the oven suitable for use in sports halls. The oven may be hit by balls. The radiant surfaces are insulated by 50mm mineral wool to reduce heating from the backside of the oven. Delivered with 1 meter silicone cable to be connected to external terminal box. Delivered with roof brackets, which facilitate the mounting. Can also be mounted on fitting rail.

Application:

The radiant panel heater type TVH is a roof oven suitable for heating of rooms with roof heights between approx. 4 and 20 metre. Typical application areas are airports, stores, sports halls, industrial- and store-rooms, workshops, green houses etc. Also used for additional heating of cold work places and for drying of floors in entrance areas. The ovens can also be mounted tilted on the wall with a wall bracket (to be ordered separately).

Function:

The radiant panel heater sends infra red rays through the air. The rays convert into heat when they reach the floor, furniture or persons. The surroundings thus obtain a higher temperature than the air, and get even further heated when touched. The temperature feels higher than it really is. The ambient temperature in the room can therefore be kept lower than with an air based heating plant as e.g. hot air plants or flow heating ovens. The heating expenses thus get much lower.

Type	Output (kW)	Voltage/phase	Control set (kW)	Size mm (WxDxH)	Protection	Weight (kg)
TVH 2000-2	2	230/1	on/off	160x1280x70	IP54	6
TVH-3000-2	3	230/3	on/off	220x1280x70	IP54	13
TVH-4500-2	4,5	230/3	on/off	440x980x70	IP54	13
TVH-6000-2	6	230/3	on/off	440x1280x70	IP54	20
TVH-3000-4	3	400/3	on/off	220x1280x70	IP54	13
TVH-4500-4	4,5	400/3	on/off	440x980x70	IP54	18
TVH-6000-4	6	400/3	on/off	440x1280x70	IP54	20