



Opis

IR grelni elementi uporabljajo za prenos energije elektromagnetne valove. Dolžina valov pri takem sevanju doseže med 3 in 10 microns, ter jih s prostim očesom ne zaznamo. Izdelani so s posebnim procesom kjer vgradijo uporabno žico, katera ima konstantno upornost čez celo temperaturno območje. Grelna površina je izdelana iz posebne glazure, katera prednost je izreden prenos toplote, brez vsakih izgub. Priporočena razdalja sevanja je med 100 in 200 mm od grelca do izdelka.

Z uporabo digitalnega regulatorja PULZON, dosežemo optimalno temperaturo in s tem tudi ekonomičnost. IR grelni elementi morajo biti montirani na reflektorski pločevini, oz. Ohišju. Grelci so lahko opremljeni z vgrajenim tipalom tip J ali K.

Uporaba

- stroji za vakumiranje
- sušenje barve
- prehrabena industrija
- IR savne

Description

IR ceramic elements operate in the temperature of 300°C to 700°C producing IR wavelengths in the 2- 10 micron range. Most plastics and many other materials absorb IR best in this range. Which makes ceramic heater the most efficient IR radiant emitter on the market.

A range of aluminised steel reflectors are also available to ensure that most of the radiation generated is reflected forward on to the target area. Recommended distance of radiation is between 100 and 200 mm from heater to object.

With use of temperature controller PULZON we achieve accurate temperature on the heater. IR heating elements can be equipped with integrated thermocouple type J or K.

Use

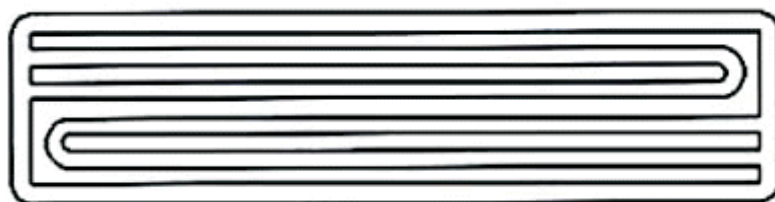
- thermoforming machines
- drying paint
- food industry
- IR saunas



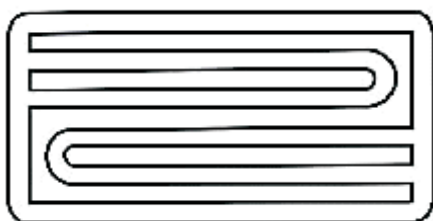
Standarne moči / Standard Wattages

Tip gelca / Type of heater	FTE	150W	250W	300W	400W	500W	650W	750W	1000W
	HTE		125W	150W	200W	250W	325W		500W
	QTE					125W			250W
Max temperatura	°C	315	418	452	515	560	630	670	750
Obremenitev / Watt density	W/cm ²	1,1	1,7	2	2,7	3,4	4,4	5,1	6,8

Dimenzije / Dimensions



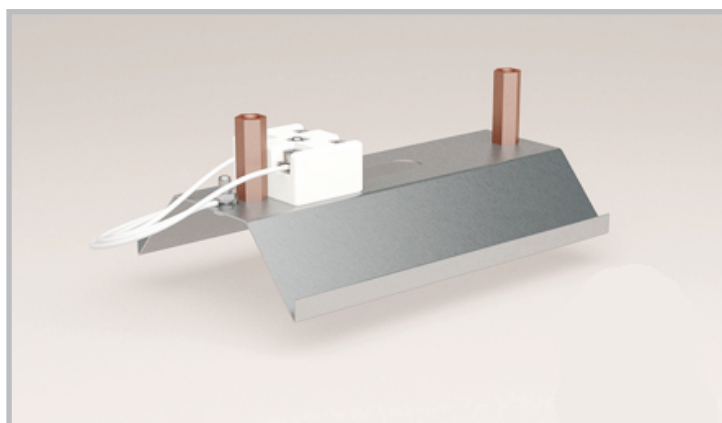
FTE 245 x 60 mm



HTE 122 x 60 mm



QTE 60 x 60 mm



Reflektorska ohišja / Steel reflectors

Koda / Code	Dimenzija / Dimensions
RAS 1	254x100x63mm
RAS 2	504x100x63mm
RAS 2	754x100x63mm
RAS 4	1004x100x63mm
RAS 5	1254x100x63mm





HEATWEAR SINCE 1963

GRELCI MARAS
Jevčeva pot 2
1351 Brezovica
SLOVENIJA

T: + 386 1 365 3 518
F: + 386 1 365 73 72

E: maras@siol.net
W: www.grelci-maras.si