

Description

IR elements offer quick and efficient heating for a low investment cost. This design is especially suitable when intermittent heating is required. An advantage with IR elements is that they can be used in vacuum and air flow environments.

Ceramic IR heating elements has a huge range of applications, offering both good performance with a limited cost.

All IR heaters supplied by Backer could be produced including type-K thermocouples, as well as all necessary installation components.

Technical specifications

Resistive wire material:	FeCrAl
Rated voltage:	230v
Surface working temperature:	300-700°C (572-1292°F)
IR wave length:	2-10 microns
Recommended radiation distance:	100-200mm
Wiring protection:	Ceramic rings sheath
Useful lifetime:	5000-10.000h
Other available certifications:	UL

Benefits & application fields

BENEFITS

- Good cost-effective correlation
- Easy installation and replacement
- Bespoke production of Power and Tension
- Can include type-K Thermocouple

APPLICATIONS

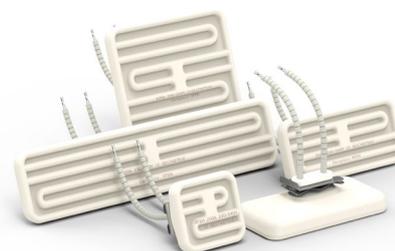
- Plastic industry
- Drying cabinets & chambers
- Sterilizers



Trough elements



Flat elements



Hollow elements

HEATING UP & COLLING DOWN CURVES: TROUGH MODELS

