

INFRARED ELEMENTS IN CERAMIC QFE-K QUARTER FLAT ELEMENT WITH THERMOCOUPLE

Properties

The standard range of ceramic infrared elements in stock are used in a wide range of industrial and engineering applications such as thermoforming, packaging, paint curing, printing, drying, gluing, sterilisation, roasting etc.

They are also very effectively in infrared outdoor heaters and saunas.

Most plastics and many other materials absorb infrared best in wavelength 2-10 μm , which makes the ceramic heater the most popular radiant emitter on the market.

The solid cast heater body is flat, producing a diffuse radiant output to target distance in some applications.



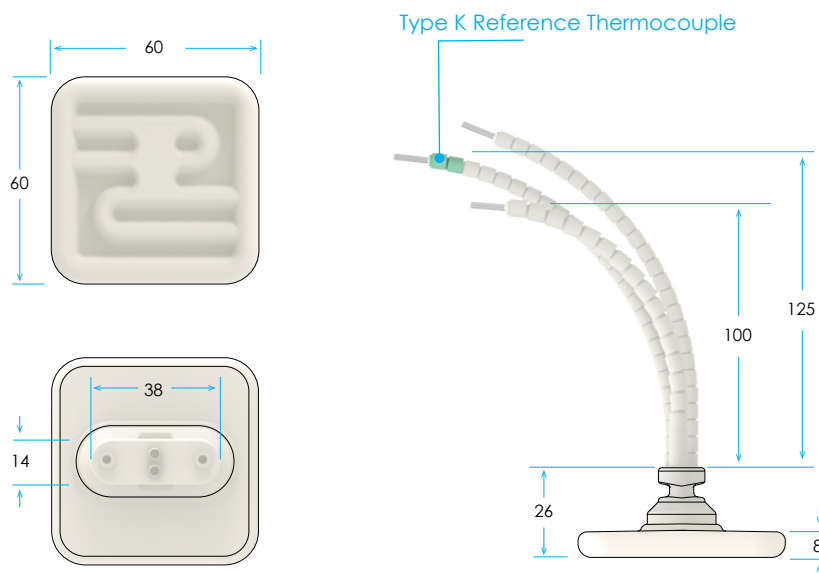
Technical specification

Material	Ceramic solid body in white glaze colour with an embedded high temperature resistance wire and a built-in thermocouple type K
Heater voltage	230 V
Operating temperature	Max permissible 750°C
Useful wave-length range	2 to 10 μm (microns) long wavelength
Dimensions	60x60x26 mm
Average weight	95 g
Electric connection	100 mm ceramic beaded power leads
Assembly	Recommended radiation distance from heater is 100 mm to 200 mm Mounting slot size oval 15x42 mm Steel wave spring and clip set included
Average operating life	Up to 20 000 hrs depending on conditions
Standards	CE

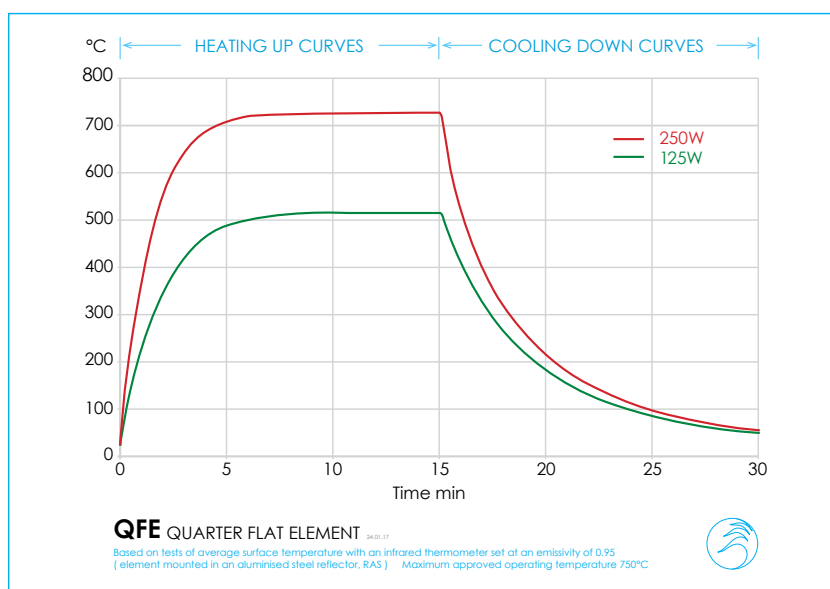
Standard assortment

Model QFE-K	Power W	Mean surface temperature °C	Max power density kW/m ²	Article no
QFE-K 125	125	515	30	3054350126
QFE-K 250	250	726	60	3054350251

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Heat up - Cool down curves



Options

High temperature NPC cable and ceramic terminal blocks, different options
 Mounting bracket article no 3009010301
 Other voltages, wattages, lead lengths and ceramic glaze colours available on request