

INFRARED ELEMENTS IN CERAMIC QCE - QUARTER CURVED ELEMENT

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.



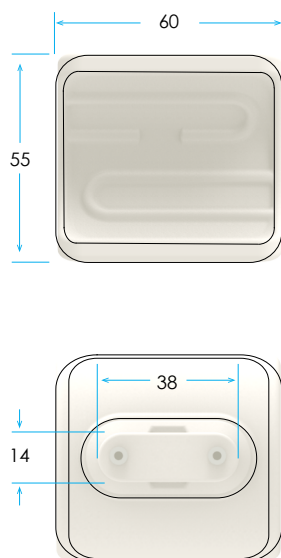
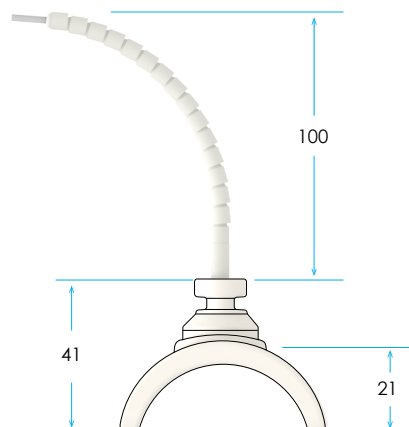
Technical specification

Material	Ceramic solid body in white glaze colour with an embedded high temperature resistance wire
Heater voltage	230 V
Operating temperature	Max permissible 750°C
Useful wave-length range	2 to 10 μm (microns) long wavelength
Dimensions	60x55x41 mm
Average weight	60 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

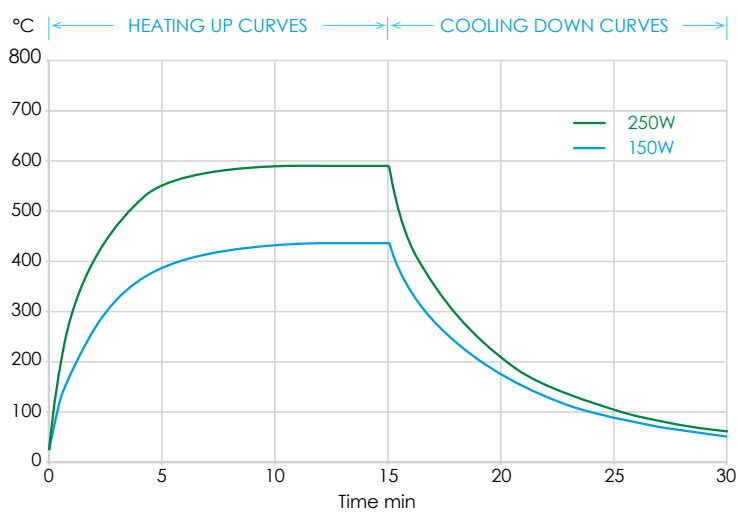
Standard assortment

Model QCE	Power W	Mean surface temperature °C	Max power density kW/m ²	Article no
QCE 250	250	592	60	3054360250

INFRARED ELEMENTS IN CERAMIC QCE - QUARTER CURVED ELEMENT



Heat up - Cool down curves



QCE QUARTER CURVED ELEMENT

Based on tests of average surface temperature with an infrared thermometer set at an emissivity of 0.95
[element mounted in an aluminised steel reflector, RAS] Maximum approved operating temperature 750°C



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