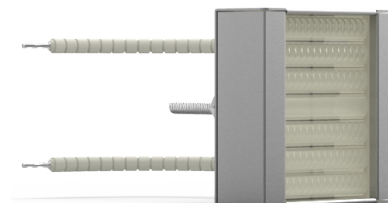


INFRARED ELEMENTS IN QUARTZ QQE-K QUARTER QUARTZ ELEMENT WITH THERMOCOUPLE

Properties

The standard range of quartz infrared heating 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.

Quartz infrared heating elements are particularly effective in industrial applications where rapid heater response and/or zone controlled heating is required including systems with long heater off cycles.



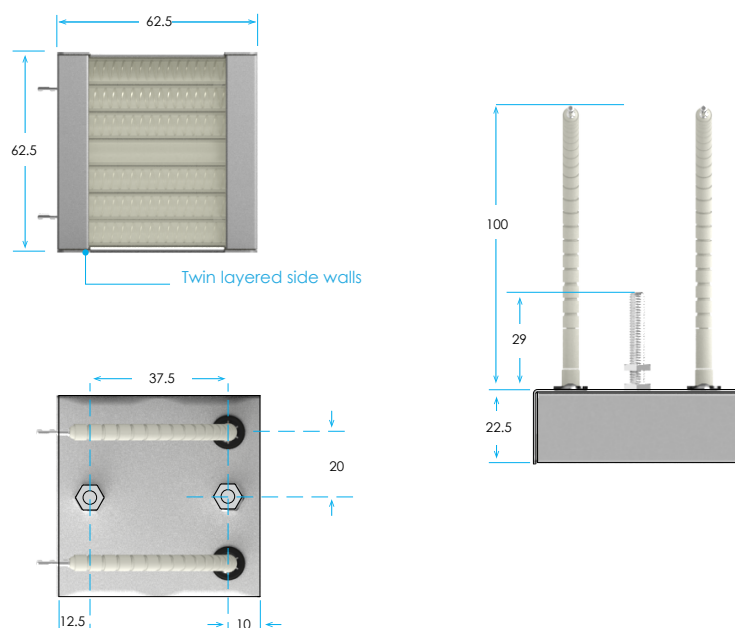
Technical specification

Material	Quartz glass tubes with a temperature resistance wire fitted in a cassette made of aluminised steel and a built-in thermocouple type K
Heater voltage	230 V
Operating temperature	Max 500°C on the aluminised steel cover
Useful wave-length range	1.5 to 8 µm (microns) medium to long wavelength
Dimensions	62.5x62.5x22.5 mm
Average weight	174 g
Electric connection	100 mm ceramic beaded power leads
Assembly	2 pcs M5x30mm fixing screws Heaters should be mounted horizontally and perpendicular to movement (if any) Recommended radiation distance from heater is 100 mm to 200 mm
Average operating life	5 000 hrs provided that warranty conditions are respected
Standards	CE

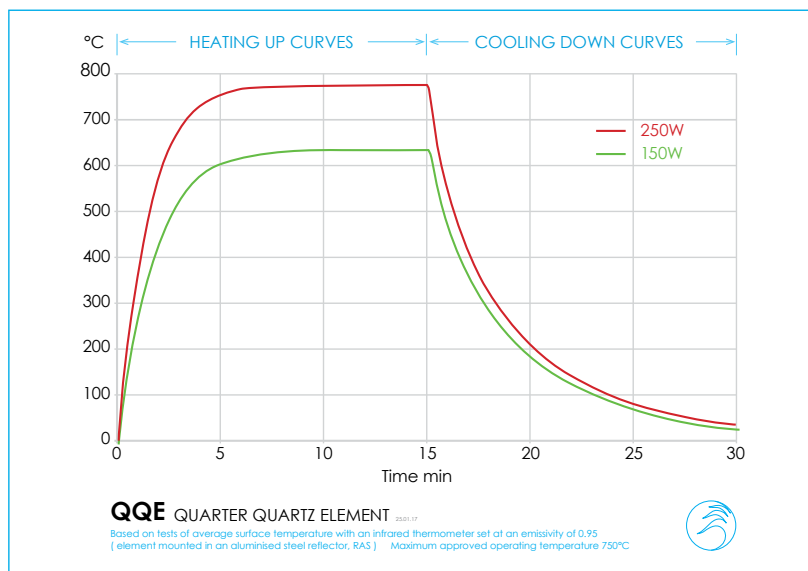
Standard assortment

Model QQE-K	Power W	Mean surface temperature °C	Max power density kW/m²	Article no
QQE-K 150	150	343	36	3054240151
QQE-K 250	250	438	60	3054240251

INFRARED ELEMENTS IN QUARTZ QQE-K QUARTER QUARTZ ELEMENT WITH THERMOCOUPLE



Heat up - Cool down curves



Options

Cassette in stainless steel
 High temperature NPC cable and ceramic terminal blocks, different options
 Stainless steel bus bars 8x2x1000 mm article no 3005020305
 Other voltages, wattages and lead lengths available on request