

INFRARED ELEMENTS IN QUARTZ SQE

- SQUARE QUARTZ ELEMENT

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.



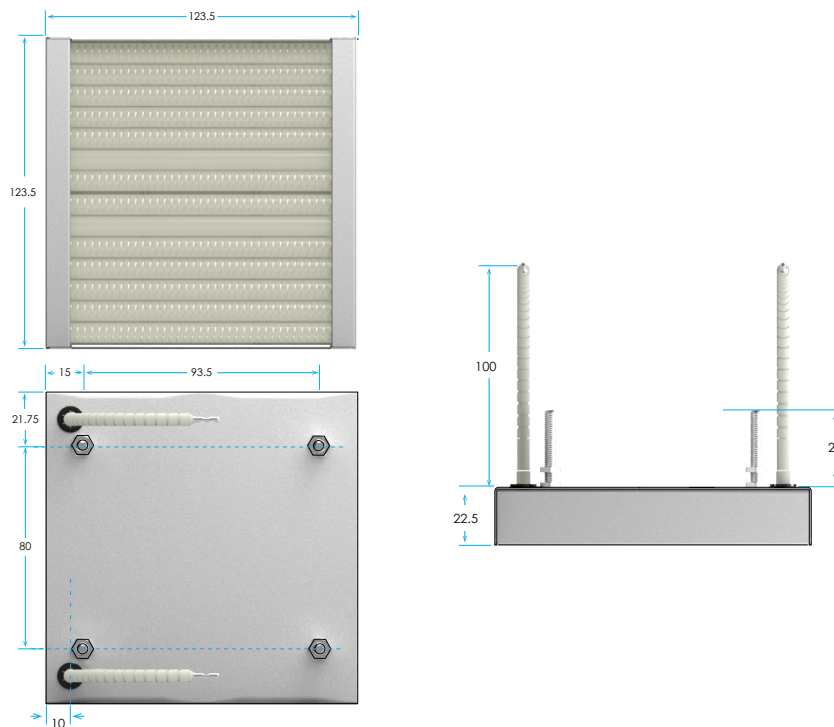
Technical specification

Material	Quartz glass tubes with a temperature resistance wire fitted in a cassette made of aluminised steel
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

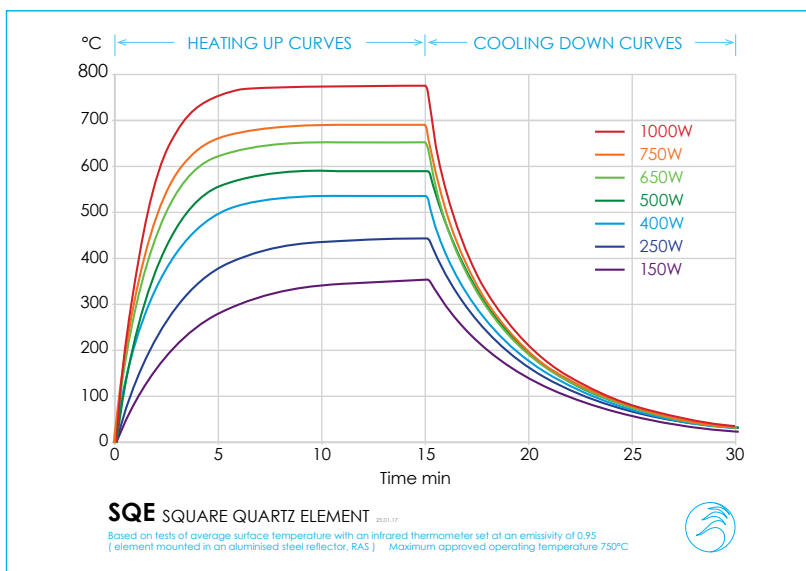
Standard assortment

Model SQE	Power W	Mean surface temperature °C	Max power density kW/m²	Article no
SQE 150	150	343	9	3054260150
SQE 250	250	438	15	3054260250
SQE 300	300	477	18	3054260300
SQE 400	400	542	24	3054260400
SQE 500	500	593	30	3054260500
SQE 650	650	644	39	3054260650
SQE 750	750	690	45	3054260750
SQE-1000	1000	772	60	3054261000

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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