

INFRARED ELEMENTS IN QUARTZ QH – QUARTZ HALOGEN ELEMENT

Properties

The standard range of quartz halogen infrared heating elements in stock are used in a wide range of industrial and engineering applications such as thermoforming, powder paint, pre-lacquering, sublimation, pasteurisation, printing, drying, gluing, sterilisation, roas-ting etc.

Quartz halogen elements heats up and cool down within seconds making them particularly suitable for systems requiring a very fast thermal response and short cycle times.

Heat output is also very high making these heaters useful in high heat demand or in fast moving processes like paper processes etc.



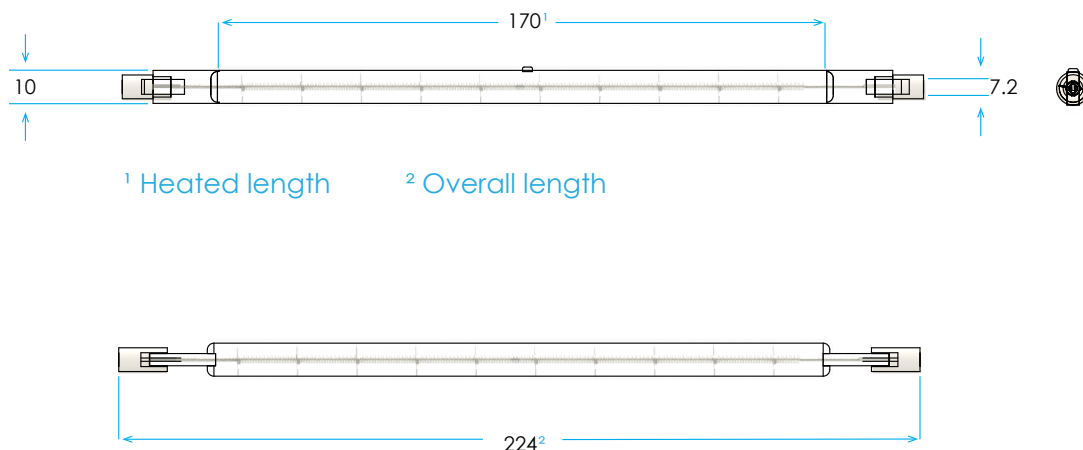
Technical specification

Material	Quartz glass tubes dia. 10 mm sealed with a tungsten filament of porcupine or star type coil
Heater voltage	240 V
Operating temperature	May exceed 600°C on the glass tube
Peak wavelength	1.0 to 1.2 µm (microns) short wavelength
Electric connection	R7s terminations with 200 mm PTFE-insulated leads
Assembly	Heaters to be mounted horizontally Recommended radiation distance from heater is 100 mm to 200 mm
Security	See separate installation, handling and safety information
Standards	CE

Standard assortment

Model QH	Power W	Max coil temp °C	Overall length mm	Heated length mm	Article no
QHS 750	750	2410	224	170	3054290750
QHM 1000	1000	2410	277	225	3054291000
QHL 1500	1500	1905	473	415	3054291500
QHL 1750	1750	2205	473	415	3054291750
QHL 2000	2000	2250	473	415	3054292000

INFRARED ELEMENTS IN QUARTZ QH – QUARTZ HALOGEN ELEMENT



Options

Reflector QTSR intended for element QHS article no 3054280751
 Reflector QTMR intended for element QHM article no 3054281001
 Reflector QTLR intended for element QHL article no 3054281501
 Fast IR 305 intended for element QHM article no 3050129901,
 3050130001
 Fast IR 505 intended for element QHL article no 3050130101,
 3050130201
 Termination type R7s with 200mm lead article no 3050234701
 High temperature NPC cable and ceramic terminal blocks, different options
 Other voltages configurations available on request