

INFRARED ELEMENTS IN QUARTZ QTH – 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, roasting 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.



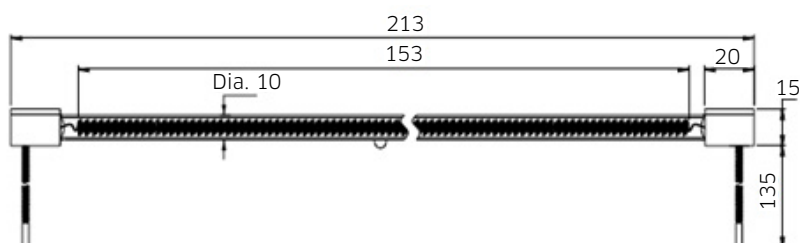
Technical specification

Material	Quartz glass tubes dia. 10 mm sealed with halogen gas and sealed with a tungsten filament 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	Flat ceramic base with 135 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 QTH	Power W	Overall length mm	Heated length mm	Article no
QTHS 300	300	118	58	3050384801
QTHM 700	700	213	153	3050129701

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Options

Flat ceramic base holder article no 3051177201