



VULCAN

INFRA-RED EMITTERS APPLICATIONS PLASTICS INDUSTRY

Thermoforming

Medium Wave Quartz Infra-red Emitters are utilised in upper and lower heating platens fitted to thermoforming machinery for the pre-heating of plastic sheet prior to forming into fridge interiors, by white goods manufacturer Candy.

The modular format of the Q5 and Q10 heaters has a number of benefits in the application, particularly the large heater to product ratio and individual control zone areas allowing for control over the heater input to compensate for edge convection losses.



Zoning the heater platen also helps to compensate for shape factors that cause thinning of material, enabling minimum material thickness to be used.

Rapid response enables energy savings by automatic power-off switching when the heater is in the standby position, during the forming cycle.

Quartz Infra-red heaters are used throughout the plastics industry in the manufacture of components for aerospace, automotive and packaging applications.

Application Information

Emitter Type :	Q10 400W
Unit Rating :	130.4Kw
Power Density (total)	54.3Kw m ⁻²

DISCLAIMER

Any advice, opinion, recommendation or information is given to assist the use of the company's products but on the basis that the end user must ensure their suitability for the application intended.

In particular the company cannot accept liability for loss or damage which may arise from the incorrect use of its products or from poor workmanship on the part of the user.

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