

Section 7

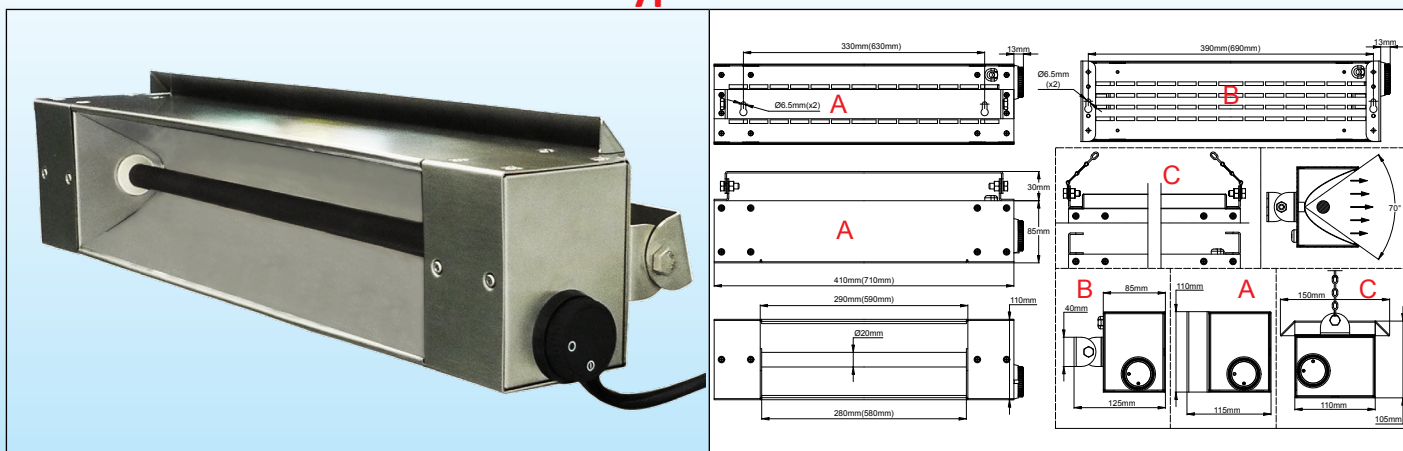
Infrared heaters





Infrared heaters

High emissivity infrared tubular heaters, with protection housing Type 9MH



Applications

They radiate in the infrared between 3 and 6 μ . They are characterized by an emissivity close to 100% within this range, they show a low surface temperature, a high mechanical strength, and high corrosion resistance.

They are particularly suited for heating, drying, or polymerization of a large part of usual materials where they heat faster than the traditional convection heating.

They can be used for:

- Food warming of products displayed or waiting in fast food and restaurants (See test report in the section 2 of this catalogue)
- Drying at low temperature leather, wood, prints and dyes, paints, ceramic email, food, fish.
- Varnish Polymerization on metal in automotive, appliances and similar industries
- Heating of plastics before forming
- Sterilization of medical devices and equipment or food
- Outdoor ambient warming
- Reheating workstation in workshop
- Heating of stables, poultry.

Main features

Radiating tube: see description on page 5 of section 4

Housing: 95 x 110mm, 304 stainless steel, with backside vents, lengths 410mm (16") and 710mm (28"). Many other lengths on request.

Reflector: parabolic, polished aluminum

Power density: 3 W/cm². (Other values on request if the wavelength must be modified)

Warm up time: less than 5 minutes (From room temperature to stabilization)

Surface temperature: 400 to 450°C @ 25°C.

Protection grid: on request, as accessory

Electrical connections: 2 meters cord, H05VVf, 3 x 1.5mm², 16A grounded euro plug. UL cord on request.

Mounting: 3 versions, fixed wall mounting (A), rotating wall mounting (B), hanged (C)

Switch: 2 poles on-off switch

Ingress protection: IP40 (IP44 for hanged model)

Voltage: 230V standard. Other voltages on request (MOQ apply)

Power adjustment: see specific devices P11 and P12 of section 4

Options:

- Other length, from 280 to 1850mm (11" to 72"), covering the full range of culinary food warmers
- Several tubes grouped side by side on the same surface

Main References

Overall length (mm)	Power (Watts)	Mounting	References
410	525	Wall mounting, not directional (A)	9MHP290H23052SF1
410	525	Directional wall mounting (B)	9MHP290H23052SR1
410	525	Hanged (C)	9MHP290H23052SS1
710	1100	Wall mounting, not directional (A)	9MHP590H23110LF1
710	1100	Directional wall mounting (B)	9MHP590H23110LR1
710	1100	Hanged (C)	9MHP590H23110LS1



Contact us

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Cat24-2-7-3

