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IBC Base Heater

The Electrotherm IBC BASE HEATER is a metal enclosed Class I electric heater manufactured specifically for use as a heated floor in Intermediate Bulk Containers (IBCs) and meets the essential safety requirements of IEC 60335.1 and UL 499.

The IBC Base Heater is a long-life, heavy-duty industrial product designed to heat 1000 litres (275 gal) of various liquid and semi-solid products from average ambient temperatures to approximately 45-50°C within 36-48 hours to enable product discharge from the IBC. It provides a controlled (self-regulating) maximum product temperature of approximately 55-60°C depending on product thermal characteristics and ambient temperature.

The Base Heater features unique electrical componentry. Four independent thin-film, wide-area carbon-graphite heating elements each fitted with full temperature regulation and over-temperature limiting provide outstanding reliability and electrical redundancy. Weighing 17kg (37lb) and only 25mm (1in) thick it is lightweight, easy to handle, easy to clean, and takes up little room in the IBC.

The IBC Base Heater can be supplied with any approved power cord appropriate to country of use or can be fitted with an IEC C-14 appliance inlet socket for universal power connection via local interconnecting cord set. It can be manufactured in various sizes and configurations to suit any IBC.



SPECIFICATION

240V 50/60Hz 1300W

Normal Temperature Regulation by Auto-reset Thermostat: 85°C +/-5°C

Abnormal Temperature Limiting by Thermal Cutoff: 144°C +0°C -4°C

Dimensions (typical): 1000 x 1000 x 25mm (39.4 x 39.4 x 1.0 inch)

100-120V 50/60Hz versions available

Manufactured and supplied by:

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