

# THE **M** ELELEC

## Type HIBC/A Container Heaters

- Drop In/Removable Base Heater
- Silicone Rubber Insulated
- Integral PTC Temperature Sensor
- In-Built Residual Current Device
- 0-150°C Electronic Controller
- Standard 1000L sizes
- Bespoke Sizes Made to Order
- 3-5 Day Delivery

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- Quality Assured
- Dedicated Design
- Cost Effective
- Express Delivery





## Type HIBC/A Container Heaters



### Advantages:

The HIBC container heaters are designed to heat products stored in 1000 litre intermediate bulk containers.

Two types of heater are available. The HIBC/A is a silicone mat heater for placement below the container liner before filling. An insulation jacket covering four sides and the lid is also available to aid warm up time.

### Construction:

The HIBC/A silicone heater mat comprises a high temperature resistance wire element, laminated between silicone/glass sheets. A PTC temperature sensor is also embedded between the sheets. This connects to an electronic temperature controller via the heater power cable and provides accurate measurement and fast response to temperature changes at the bottom of the IBC liner. This makes the heater suitable for both high energy absorbing products and highly viscous, temperature sensitive materials.

### Technical Data:

HIBC/A Rating: 2700 Watts 230 Volts AC  
1800 Watts 110 Volts AC

Temp Control: 0-150°C electronic controller  
(digital readout)

Performance: Water temp from  
15°C to 70°C in 42 hours  
(without insulation jacket)  
Water temp from  
15°C to 70°C in 30 hours  
(with insulation jacket)

### Holroyd Digital Temperature Control Unit:

Enclosure Size: 200mm long x 150mm wide  
x 105mm high  
(Excluding Mounting Bracket)

Temperature Range: 0 to 150°C

Supply Voltage: 110 Volts and 230 Volts AC

Maximum Power: 3000 Watts

Sensor Input: PTC1000 via 4 Pole Socket

Output To Heater: 4 Pole Socket

Supply Cable: 2 metre 1.5mm<sup>2</sup>Ø PVC

Electrical Protection: Residual Current Device

For correct functioning of the RCD device the mounting bracket must have an earth bond strap to the metallic surface the heater is fixed to.

### Health and Safety:

All HIBC heaters are manufactured to conform to the EEC low voltage and EMC directives and CE marked accordingly. From prototype to production, spares and problem solving, Holroyd cover the full spectrum.