



JR TECHNOLOGY  
LIMITED

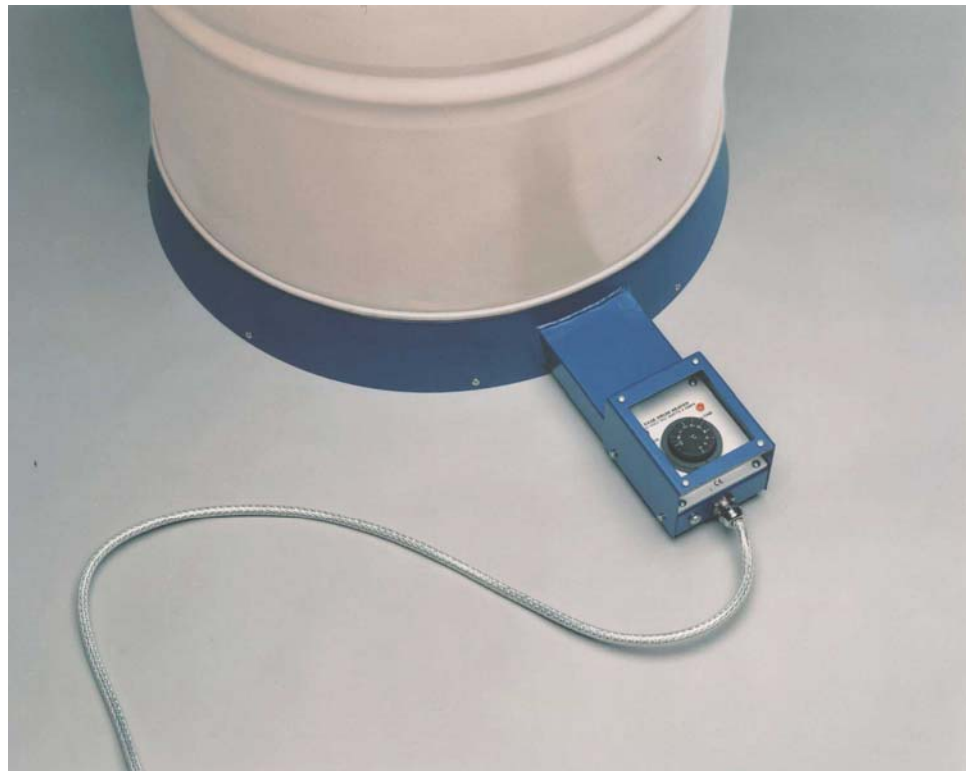
REINFORCED PLASTICS & COMPOSITES  
PRODUCTION ENGINEERS

BASE DRUM HEATER  
TYPE HBD

## APPLICATIONS

The Base Drum Heater is specifically designed for melting or reducing the viscosity of products. The diameter of the base enables use on all sizes of drums up to 45 gallons (200 Litres). Heat is provided by a 900 Watt silicone rubber, insulated, heater mat providing an even distribution of heat to the base.

If a rapid heat up is required & the contents will accept heat rapidly, or solid mediums are involved Silicone or Nylon Jacket Side Drum Heaters can be used in conjunction with the base unit or alternatively a Thermal Insulation Jacket.



- Even Heat Over Platen Area
- Robust Steel Construction
- 20 to 150°C Thermostat
- High Temperature Tolerance
- 110v or 230v options
- 2 metre Armoured Power Cable



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JRTD0460/01

## **CONSTRUCTION**

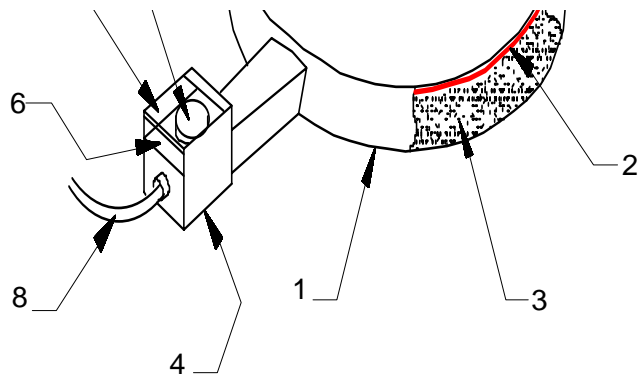
The Base Drum Heater is made from 2 mm thick mild steel for extra rigidity on uneven surfaces with tapered edges for safe ease of drum location & is protected by a resilient high temperature coating. Temperature adjustment is afforded by a rear aperture in the control unit, with neon's indicating power on & load switching, all viewed through a window in the control unit top.

## **TECHNICAL DATA**

The Base Drum Heater is controlled by a capillary thermostat, with a temperature range of 20°C to 150°C, with neon indicators for power & load on.

Power Rating:	900 Watts, 230 Volts AC 4 Amps or 110 Volts AC 8.5 Amps
Heater Element:	Wire Element, Glass Impregnated Silicone Heater Mat
Insulation:	50mm High-Density Rock Wool
Supply Lead:	2 metres Flexible Armoured SY Type 3-Core Cable
Weight:	Approx. 15 kg
Dimensions:	
- Platen:	Height 70 mm x Diameter Top 550 mm x Base 600 mm
- Control Unit:	Height 105 mm x Protrusion 280 mm
- Overall Unit:	Height 105 mm x 880 mm Long x 600 mm Wide

KEY:-	
1)	Drum Heater base
2)	Heater Mat
3)	Thermal Insulation
4)	Thermostat & Control Housing
5)	Control Knob
6)	Control Knob Access
7)	Viewing Window
8)	Armoured Power Cable



## **HEALTH & SAFETY**

Base drum heaters are manufactured to conform to the EEC low voltage & EMC directives & are CE marked accordingly. Care should always be taken, to ensure the drum is adequately ventilated before applying heat.

