

## DRUM HEATER INSTRUCTIONS

Models covered: HSSD, HISD, HIBC, HTSD & HBD.

### SAFETY

- 1) Read all instructions before using the heater.
- 2) When not in use unplug the mains lead.
- 3) Do not immerse the heater in liquids.
- 4) Model HBD should be sited on a suitable heatproof and level surface.
- 5) The heater must be used in a dry environment.
- 6) Ensure the supply cable is not in contact with hot surfaces during operation.
- 7) Do not touch the surface of the heater during operation. After switching off allow the heater to cool completely before handling.
- 8) Use the heater only for its intended use, as described in these instructions
- 9) Disconnect from the electrical supply before handling.
- 10) The heater must not be used if it is damaged in any way. If the mains lead is damaged it must be replaced by the manufacturer or a similarly qualified person in order to avoid hazard, using a special flexible cord.
- 11) The heater should be connected to the electrical supply via a residual current device or other equipment providing protection from electric shock.
- 12) During operation vent the container to avoid build up of internal pressure.

### ELECTRICAL REQUIREMENTS

Check that the voltage marked on the heater corresponds to the electricity supply that it will be connected to which must be ac (Alternating Current).

A suitable approved plug for the country in which the heater is being used should be fitted to the mains lead by a suitably qualified person.

Models with the  double insulated symbol do not require an earth connection.

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## INSTRUCTIONS FOR USE

- 1) The heaters are designed to be used on drums and containers for warming of the contents. Models HSSD, HBD and HISD/E are for use on metallic containers only. All other models can be used on plastic or metallic containers.
- 2) For wrap around heaters, secure to the container using the spring or buckle and strap fasteners. It is important that the heater is a tight fit with no creases or rucks. And that there is no overlapping of heated areas. On model HIBC where possible use the Velcro straps on the top edge to support the jacket while fitting around the container. On model HBD the drum should fit level on the platen with the bottom lip over the edge.
- 3) On models fitted with a thermostat and neon indicators set the thermostat(s) to the required temperature.  
NOTE: the thermostat sensors are positioned to sense the temperature at the junction between the heater surface and container, not the container contents.  
Obtaining the ideal temperature of the contents must be via experimentation and experience of the material being heated.
- 4) Plug the heater into the electricity supply. The red and amber neon indicators will light to show that power is supplied and the heater is on.
- 5) The amber neon indicator will light when the heater element is on. When the required temperature is reached the indicator will go out. This process will continue as the heater cycles.
- 6) Models without a thermostat will have an integral temperature limit switch.
- 7) Disconnect from the supply and remove the heater from the container before discharging the contents. This will avoid contaminating the heater from spillages.
- 8) On wrap around models do not connect the heater to the supply while rolled or folded on itself. This may cause overheating and damage the heater.

### CLEANING & STORAGE

Before cleaning the heater always disconnect from the electricity supply. Wipe the heater surfaces and terminal box with a damp cloth. Do not use solvents or scouring agents and never immerse the heater in liquid.

When not in use and after cooling, store the heater in a dry environment, the original packaging can be used for this purpose.

For further information on use or service contact the manufacturer or supplier.