

HTSD - High Temperature Drum Heater (up to 220 °C) - Operating Instructions

Safety instructions

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. Do not touch the surface of the heater during operation. After switching off, allow the heater to cool completely before handling.
5. Use the heater only for its intended use, as described in these instructions.
6. Disconnect from the electrical supply before removing terminal cover.
7. 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.
8. The heater should be connected to the electrical supply via a residual current device or other equipment providing protection from electric shock.
9. During operation, vent the drum to avoid building 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).

The HTSD is of double insulated construction so does not require an earth connection. 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.

Instructions for use

1. The High Temperature Drum Heater HTSD is designed to be used on steel drums for the warming of the contents. It must not be used for plastic drums. There are
2. Fit the heater to the drum by wrapping around and securing with the quick release buckles. Make sure that the jacket is wrapped tightly around the drum – please use the belts.
3. Position the heater so only the amount of drum contents required is heated. This will aid warm up time. i.e. if the full contents of the drum are required position the heater at the bottom of the drum. If only a small amount of the contents is required the heater can be placed nearer the top of the drum.
4. Set the thermostat to the required temperature.
NOTE: The thermostat sensor is positioned to sense the temperature at the junction between heater surface and drum, not the drum contents. Obtaining the ideal temperature of the drum contents must be via experimentation and experience of the material being heated.
5. The heater jacket will begin to heat up and continue until the required temperature set by the thermostat is reached. It will then cycle at this set point until the thermostat setting is changed or the heater is removed from the electricity supply.
6. Switch off and remove the heater from the drum before discharging the contents. This will avoid contaminating the heater from spillages.
7. Do not bend or crease the jacket when it is plugged in. This could lead to overheat and damage the jacket.

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Cleaning & storage

Before cleaning the heater always disconnect from the electricity supply. Wipe the jacket 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, the heater can be folded rolled up for storage. For further information on use or service contact the manufacturer or supplier.

Technical Data

Max. temperature of insulation	220 °C
Outer material	Silicone - coated fibreglass
Insulation material	Fibreglass
Protection class	II
Cable length	4 meters
Type of cable	H07RN-F with Schuko-plug
Fastening	Quick-release buckles
Control	Capillary pipe thermostat or digital thermostat
Control range Capillary thermostat	20 – 220 °C
Control range digital thermostat	On demand (standard: 0 – 220 °C)
Heating zones	1
Special sizes possible	yes

Drum size	Power at 230 V	Length	Width	Matches Ø	Part-No.	Part-No.
					With capillary thermostat	With digital thermostat
25 liters	380 W	1020 mm	400 mm	277 - 398 mm	387G.003	387I.001
50 liters	450 W	1250 mm	440 mm	350 - 398 mm	387G.005	387I.002
105 liters	700 W	1650 mm	440 mm	477 - 525 mm	387G.018	387I.003
200 liters	1200 W	1950 mm	800 mm	573 - 621 mm	387G.001	387I.004
200 liters	1800 W	1950 mm	800 mm	573 - 621 mm	387G.016	387I.005

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