

HISD_{pro} - Insulated Side Drum Heater (up to 90 °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 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).

The HISD_{pro} 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 Insulated Side Drum Heater HISD_{pro} is designed to be used on plastic or steel drums for the warming of the contents.
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
Fastening	Quick-release buckles
Control	Capillary pipe thermostat or digital thermostat
Control range Capillary thermostat	0 – 90 °C (optional: 0 – 40 °C)
Control range Digital thermostat	On demand (standard: 0 – 90 °C)
Heating zones	1
Special sizes possible	yes
Max. temperature	90 °C

Drum size	Power at 230 V	Length	Width	matches Ø	0 - 90 °C	0 - 40 °C	0 - 90°C
					Part-No. With capillary thermostat		Part-No. digital thermostat
25 liters	200 W	1020 mm	400 mm	277 – 323 mm	387C.002	387C.008	387H.002
50 liters	250 W	1250 mm	460 mm	350 – 398 mm	387C.003	387C.009	387H.003
105 liters	400 W	1650 mm	370 mm	478 – 525 mm	387C.004	387C.010	387H.004
200 liters	450 W	1950 mm	450 mm	573 – 621 mm	387C.005	387C.011	387H.005
200 liters	1200 W *	1950 mm	800 mm	573 – 621 mm	387C.001	387C.012	387H.006

*for steel drums only

Find more information about us and our products on www.freek-fassheizungen.de or www.freek-heaters.com.

No warranty claims can be derived from these user instructions.

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