

HSSD - Side Drum Heater (up to 120 °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 HSSD 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 Side Drum Heater (HSSD) is designed to be used on standard steel drums for the warming of the drum contents. Do not use it for plastic drums. In this case, there are special drum heaters with lower surface load.
2. Fit the heater to the drum by wrapping around and securing with the quick spring fastening. Ensure the position chosen is fully covered by the contents of the drum.
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. You can use several HSSD at the same time to reduce heat up time.
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. Plug the heater into the electricity supply. The red LED indicates "ready for operation".
6. 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. The orange LED lights up during heat up process.
7. Switch off and remove the heater from the drum before discharging the contents. This will avoid contaminating the heater from spillage's.

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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. Do not roll it tighter than a diameter of 150 mm. For further information on use or service contact the manufacturer or supplier.

Technical data

Max. temperature	120 °C
Outer material	Silicone
Insulation material	none
Protection class	II
Cable length	2 meters
Type of cable	H07RN-F with Schuko-plug (without ground)
Fastening	Tension springs
Control	Capillary pipe thermostat
Control range	0 – 120 °C
Heating zones	1
Special sizes possible	yes

Drum size	Power at 230 V	Length	Width	matches Ø	Part-No.
25 liters	300 W	800 mm	125 mm	274 – 276 mm	387A.006
50 liters	500 W	940 mm	125 mm	318 – 320 mm	387A.007
105 liters	800 W	1300 mm	125 mm	433 – 435 mm	387A.002
200 liters	1000 W	1665 mm	180 mm	577 – 600 mm	387A.004
200 liters	1500 W	1665 mm	180 mm	577 – 600 mm	387A.001

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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