HISD$_{pro}$ - Insulated Side Drum Heater (up to 90 °C) - data sheet

Area of application

The HISD$_{pro}$ - Side Drum Heater is a simple yet effective tool for the heating of barrels. It is available in four standard sizes (25 / 50 / 105 / 200 liters) and can be manufactured to customer specifications as well.
HISD$_{pro}$ heater jackets are particularly suited to melt soaps, fats, varnishes and oil-based products, or respectively reduce their viscosity. The 200-liter element can be combined with the HBD - base drum heater to reduce the heat-up time.
These heater jackets are not only used on drums but also for the heating of glass-fibre reinforced plastics. They can be produced with any number of belts, e.g. to enable them to be clamped on to rotor blades.

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

					0 - 90 °C	0 - 40 °C	0 - 90°C
Drum size	Power at 230 V	Length	Width	matches Ø	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

Operational safety

All HISD$_{pro}$ - Side Drum Heaters correspond to the EMV low-voltage guideline valid within the EU and are marked accordingly with the CE sign.
The electricity supply should be separated from the drum heater if the barrel is empty, during the filling process, or during installation and disassembly of the heater itself. The device should only be used in dry surroundings and with a ventilated barrel to avoid pressure building up inside the drum.

Contact

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