

HTSD – High Temperature Drum Heater (up to 220 °C) – data sheet

Area of application

The HTSD-High Temperature Drum Heater is the high temperature version (220 °C) of the drum heaters and is exclusively suitable for steel drums. It is used in areas where large surfaces need heating over 90 °C. It is available in four standard sizes (25 / 50 / 105 / 200 liters) and can be manufactured to customer specifications as well.

HISD 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.



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.	
					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

Operational safety

All HTSD - High Temperature Drum Heaters correspond to the EMV low-voltage guideline valid within the EC 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.

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