

# HSHP - Drum Heater (up to 220 °C) - data sheet

## Area of application

The HSHP – High Power Drum Heater (220 °C) is suitable for steel drums (and with restrictions also for plastic drums). The outer material is a Teflon which is released for contact with food. The material possesses high levels of chemical and acid resistance. However, products such as waxes, soaps and materials with high water content can be heated excellently as well. The jacket is lightweight, robust and free of silicone. The excellent thermal transfer properties due to the perfect fit result in homogenous temperatures.

Our drum heater is available in the standard size of 200 liters but can also be made to customer specification.



## Technical Data

Max. temperature of insulation	220 °C
Outer material	Waterproof Teflon (PTFE)
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 (optional: 0 – 40 °C, 0 – 90 °C, 0 – 120 °C)
Control range digital thermostat	On demand (standard: 0 – 220 °C)
Heating zones	1 (2 heating zones on demand)
Special sizes possible	yes
Food approval	EU 10/211. US FDA regulation - 21 CFR 177 1550

Drum size 200 liters					
Power at 230 V	Length	Width	Matches Ø	Control Range	Part-No.
1200 W	1950 mm	850 mm	573 – 621 mm	0 – 40 °C	387B.006
				0 – 90 °C	387B.007
				0 – 120 °C *	387B.003
				20 – 220 °C *	387B.001
				Digital thermostat 0 – 220°C *	387F.001
1800 W *	1950 mm	850 mm	573 – 621 mm	0 – 40 °C	387B.008
				0 – 90 °C	387B.009
				0 – 120 °C	387B.004
				20 – 220 °C	387B.002
				Digital thermostat 0 – 220°C*	387F.002

\* for steel drums only

## Operational safety

All HSHP-drum heaters are stamped with the CE-mark, are EMV-compatible and comply with the current EU-regulation for low-voltage.

For safety reasons we recommend to separate the electricity supply from the drum heater when the drum is empty or during the filling process, or during the installation or the 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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