

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. | 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 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.

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