

HSSD Digital Range Data Sheet

Description/Applications

The HSSD Digital Drum Heater range is designed for applications requiring enhanced temperature control when heating products contained in steel drums. The silicone drum heater reduces the viscosity of materials such as oils, waxes, soaps, fats, foodstuffs, varnishes and non-temperature sensitive chemicals, allowing them to be pumped or poured with ease. Digital temperature control ensures accurate and stable heating, helping to protect sensitive materials from overheating and hotspots.



Construction

The silicone drum heater incorporates a digital thermostat to provide precise and consistent temperature control. Heating is delivered by accurately positioned PFA-coated resistance wire laid widthways throughout the heater, ensuring uniform heat distribution across the application’s surface. The protective coating prevents conductor wear seen in lower-cost alternatives, helping maintain electrical insulation and safe operation throughout the heater’s service life. The heater is secured using a simple hook and spring fixing system for fast and reliable installation.

Key Points

- IP40 Protection
- Class II Double Insulated Construction
- Digital Thermostat Control
- PFA-Coated Resistance Wire for Enhanced Electrical Safety
- Stock Range Available
- Simple Hook and Spring Assembly
- 2 Metre Power Cable (Stock Plugs Available)
- Custom Logos Available Upon Request

Technical Data

Material	PFA coated multi-strand resistance wire between glass fibre reinforced silicone
Control	0-120°C Digital Thermostat*
Power Cable	2 Metre HO7RN-F
Fixing	Hooks & Springs

Stock Items

Stock Code	Type	Drum Diameter (mm)	Size (mm)	Voltage	Wattage
HSSD-3210-DIG	25L	268 (±2.5)	125 x 800	230	300
HSSD-3212-DIG	50L	313 (±2.5)	125 x 940	230	500
HSSD-3214-DIG	105L	461 (±8)	125 x 1300	230	800
HSSD-3216-DIG	200L	577 (±8)	125 x 1665	230	1000
HSSD-3218-DIG	200L	577 (±8)	180 x 1665	230	1000
HSSD-3220-DIG	200L	577 (±8)	180 x 1665	230	1500
HSSD-3222-DIG	200L	577 (±8)	180 x 1665	230	2000

*HSSD-3222-DIG is supplied with a 0-150°C thermostat