

HSSD Eco Range Data Sheet

Description/Applications

The HSSD Eco Drum Heater range is a cost-effective solution for maintaining and gently raising the temperature of products stored in steel drums. Designed for applications where rapid heat-up is not critical, the Eco range provides steady, controlled heating to reduce 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. A lower power density delivers gradual, even heat distribution, helping to minimise energy consumption whilst reducing the risk of product degradation.



Construction

The silicone drum heater provides controlled, low power density heating and incorporates a 0-120°C capillary thermostat for reliable temperature regulation. Heating is delivered by accurately positioned PFA-coated resistance wire laid widthways throughout the heater, ensuring even 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
- Capillary 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 Capillary Thermostat
Power Cable	2 Metre HO7RN-F
Fixing	Hooks & Springs

Stock Items

Stock Code	Type	Drum Diameter (mm)	Size (mm)	Voltage	Wattage
HSSD-3010-ECO	25L	281 (±5)	125 x 810	230	330
HSSD-3012-ECO	60L	360 (±5)	125 x 1060	230	360
HSSD-3014-ECO	120L	472 (±8)	125 x 1380	230	500
HSSD-3016-ECO	200L	572 (±8)	125 x 1695	230	650
HSSD-3018-ECO	200L	572 (±8)	180 x 1695	230	930