

PAGE 1 — DRUM HEATER INFORMATION



APPLICATION SUMMARY

A drum heater is an electric heating device designed to apply controlled heat to drums, barrels and containers. Its primary purpose is to maintain product temperature, prevent solidification, reduce viscosity and improve flow characteristics.

KEY FEATURES AND BENEFITS

- Robust, vibration-resistant construction
- Suitable liquid, and surface heating
- Customisable diameters, voltages, and watt densities
- Can be formed into complex shapes to suit equipment designs
- Long service life with reliable performance
- Splash-proof

PAGE 2 — ENGINEERING INFORMATION

DIMENSIONS AND TOLERANCES

Standard Drum Sizes: Designed for 5, 15, 30, and 55-gallon drums (approx. 25 to 200 litres), as well as 1000-liter IBC containers.

MATERIALS OF CONSTRUCTION

Materials: Silicone rubber, fiberglass-reinforced silicone cloth, or Stainless Steel 304 or 316

ELECTRICAL, THERMAL OR MECHANICAL PERFORMANCE

Power Output: Ranging from 200 W up to 2000 W for standard single drums, or higher for multi-drum enclosures (e.g., 12 kW to 18 kW).

Operating Temperatures: Standard silicone or insulated jackets handle continuous exposure up to 90°C–230°C, while base heaters reach up to 150°C.

Voltage: 240 OR 415V AC

Ingress Protection: Frequently rated around IP40 to IP54 depending on weatherproofing and indoor/outdoor classification

STANDARDS AND CERTIFICATIONS

Local Australian manufactured to ISO9001:2015

REVISION HISTORY AND TECHNICAL CONTACT

Revision	Issue date	Description	Prepared/approved by
[A]	29.9.26	For Use	Jensen Nydal
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