

METAL SHEATHED HEATER



Product Overview

A metallic anti-condensation heater is used in motors and electrical enclosures to prevent moisture buildup. Made of metal, it keeps internal temperatures slightly higher than the surroundings, avoiding condensation and protecting against corrosion or electrical issues.



Key Feature's

- Customized designs for specific needs.
- Flexible voltage for tailored requirements.
- High-quality Nichrome heating element for efficient heating
- Moisture-resistant to prevent water damage.
- Quick heat-up due to low mass.
- Automatic programmable bending machine allows any shape
- 100% tested for quality assurance.
- CE Certified for safety compliance

Product Certification



Technical Specification

Application

- Space heaters in motors and generators prevent condensation, maintain optimal temperatures, and protect against cold weather. They also aid in preheating, control moisture, and safeguard equipment during storage
- Process industry, Electrical enclosures (control panels, switchgear)
- Transformers
- Pumps and valves

Wattage	25W - 6000W
Rated Voltage	110V - 700V AC/DC, 50/60 Hz (for AC Supply) * Other voltage as per requirement
Heating element	Ni80Cr20
Sheath material	SS304, SS306, Cu99, Incoloy
Insulation	Compacted MgO
OD	6 to 34 mm (other dimensions as per requirement)
Heater straight length	200 - 5600 mm (other dimensions as per requirement)
Heater shape	I, U, W, O, Arc, Zig-zag etc. Other as per requirement
Fins (Optional)	Round Fin : Available for Heater OD 8 & 10mm Square Fin : Available for Heater OD 8mm
Fin Dimension (Optional)	Round Fin : For Heater Dia 8.0 mm ~ 23mm For Heater Dia 10.0 mm ~ 28mm Square Fin : LxWxT : 50 x 25 x 0.6 mm
Insulation resistance (IR)	>100MΩ at 500VDC
Di-electric test	for OD > 6mm , 2kV for 1min. For OD 6mm, 1.5kV for 1 Min. * As per requirement

* Customization is available as per requirement

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