Crankcase Heaters

Compressor Heaters for Air Conditioner and Refrigeration Compressors

A **crankcase heater** is an electrical component in a compressor an air conditioning system, heat pump system, or chiller system. The crankcase heater is normally on all the time, even when the unit is not running, though temperature sensors and set points may turn it off when not needed. A crankcase heater's sole purpose is to prevent refrigerant migration and mixing with crankcase oil when the unit is off, and to prevent condensation of refrigerant in the crankcase of a compressor. The crankcase heater keeps refrigerant at a temperature higher than the coldest part of the system. A crankcase heater generally has the same electrical symbol as a resistor because it converts electricity directly into heat via Electricals Resistance in the heater coil determines the heat it produces when voltage is applied

1.Random bending and winding according to the demand of to be heated component, small occupied space and volume.

2. Quick, Safe and easy to fit.

3. Moisture resistance entirely.

4. Customized according to the required length.

Product Specification

Size (Length)	450/500/600/700/900 MM or as required
Voltage	24/48/110/230V
Heater Material	SS/SILICON
Brand	Hotmatrix
Frequency	50Hz
Wattage	50/65/75 WATT
Power Source	Electrical

PTFE Insulated overall ss braided crank case heater

Silicon belt type crank case heater

Cold Storage Door Heater

These **Door Heaters** are designed for a variety of applications. In refrigeration processes large number of commodities and food articles are stored at a sub-zero temperature to prevent degradation of quality. This requires a large number of cold rooms having temperature of up to -40 deg C. when atmospheric air comes in contact with the cold air at door frames; ice is formed at door frames, which jams the doors. Door Heater tapes are fixed in a groove made in the door frames. Door Heaters are PTFE insulated overall SS braided flexible heaters.

Applications Of Door Heater

- Condensation drain pans
- Tubes, and troughs of both commercial and domestic refrigerators
- Air conditioners
- Heat pump systems
- Cold storage.

Main Characteristics Of Door Heater

- Easy installation
- Innovative design
- High efficiency
- Economical range
- Varied rage
- Less intake of power
- **Available in**

Length - 2, 3, 5, 5.5, 5.8, 6, 6.2, 6.5, 8, 10 or as required length
Wattage – 25, 33, 45, watt. Per meter
Voltage – 24, 48, 110, 230

Cold storage Drain Heater

These Drain Heaters are designed for continuous use to protect drains against ice buildup, which leads to clogging. These Drain Heaters can be used on the condensation drain pans, tubes, and troughs of both commercial & domestic refrigerators, air conditioners, Heat Pump Systems and Cold Storage.

Drain Heaters are PTFE insulated overall SS braided flexible heaters.

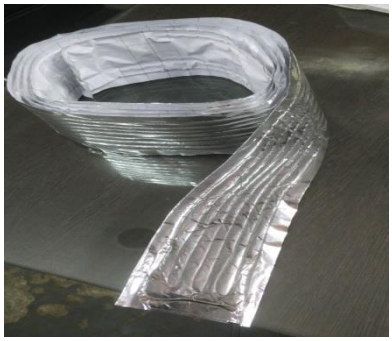
Available in

Length - 1, 2, 3, 5, 10, 15, 20, 25, 30 or as required length
Wattage – 25, 33, 45, 50, 55, 60, watt. Per meter
Voltage – 110, 230 Volt AC Single phase

Flexiable Silicon drain heater

Available in
Length - 1, 2, 3, 5, or as required length
Wattage – 25, 33, 45, 50 watt. Per meter
Voltage – 110, 230 Volt AC

Aluminum foil Heater / Defrost Heater



PRODUCT DESCRIPTION

Aluminum Foil Heater The heating wire is glued to Aluminum Foil. The foil acts as a heat conductor. Aluminum foil heaters have a range of uses due to their flexibility, resistance to moisture,. Most commonly used in Frost-Free Refrigerators, Mirror Heaters, in small electrical appliances and Defrosting Heaters of different kind depending upon the application, temperature required, power density, construction, etc. Starting from low temperature and low power density are PTFE Wire Heaters and Aluminum Foil Heaters With temperature range from 40 to 150 degree C,

Highlights

- Durability
- Resistance to moisture
- High flexibility