



Defence Heating Solutions



Customized solutions for every heating need

Drum Heater

Thermo drum heaters are used to heat standard 200 L metallic drum to facilitate handling of solid or viscous materials like fuels, oils, lubes etc.

They eliminate cumbersome methods and high investments with steam heating or fire wood heating.

Construction

The drum heater has a flexible heating element on a cylindrical metal cover carrier. This is covered by thermal lagging of glass wool, over which there will be a metal casing. A base heater that enables heating from the bottom of the drum is also provided. A control panel with mechanical thermostat is also offered for heat regulation.

Specifications

3.7 KW at 230 V Single Phase or 415 V Three Phase.



Thermo Heating Jackets & Blankets

Thermo Heating Jackets find application to heat any complicated shaped object. They are tailor made to suit the requirement, be it fuel tanks, batteries, tool boxes or any object that requires heating in extreme cold or low ambient temperatures.

Construction

Thermo Heating Blankets comprise of fluoropolymer insulated heating elements distributed very uniformly and sandwiched between multiple layers of Aluminium coated fiber glass cloth and are backed by a well insulated blanket to minimize heat load. The heaters are provided with a controllable thermostat box or with a bimetal fixed temperature controller.

Specifications

350 W/Sq.Mtr operating at 230 V or 24 V Single Phase.



Thermo Radiant Panel

Thermo Radiant Panel is a well crafted heater with a smooth, white powder coated metal surface which can be discreetly placed in any room environment. It works as a primary heating system which is effective and efficient. The ease of mounting adjustment, controls (Thermostat), no maintenance & clean air is clearly an advantage for heating of rooms.

Construction

The panel heater is a thin and frameless panel of 1.9 cm thickness and ergonomically shaped corners. An insulation mat of 10mm thickness used on the back side of this heating panel is able to decrease the heat loss to minimum while maintaining an evenly distributed heat generation on the front surface.

Specifications

Panel size. (mm)	Wattage (W)	Temp. (C)	Weight (Kg)	Heating Area (sq. meters)
892 x 592	510	105	10	7-10
1192 x 592	710	105	12	10-14
1492 x 592	910	105	16	13-18



1. Heater 2. Frameless Panel

Thermopads

Heated Gloves/Insoles

Heated Gloves/Insoles are made for the comfort of Air Force and Army personnel in extreme cold weather at high altitudes. The Hand Gloves/Insoles shall be provided in pairs (RH+LH/RF+LF). These rechargeable Heated Gloves/Insoles provide protection from frost bites and keep hands/feet and finger tips pleasantly warm activating blood flow and at normal body temperature.

Construction

Gloves: The heating element embedded in the gloves is designed to warm the back of the hand and top of the fingers, with the heat radiating straight to the fingertips. The heated gloves have an insulation lining for extra warmth and knit cuffs to stop heat loss. The multi-layer design makes the gloves soft, flexible, durable, and comfortable to wear. The battery pack fits nicely into the special pouch integrated into the glove. The heating can easily be turned on and regulated by the push button switch on the outside of the glove and provides up to 8.5 hours of heat.

Insoles: These heaters provided with Fluoropolymer (FP) having high dielectric strength and high temperature withstand ability, which makes the heating cable totally safe and temperature controller device (Thermistor 300C) for providing comfortable warmth. The power required for heating the insoles is derived from a rechargeable 7.4V/2600mAh Li ion battery. The battery required for powering insoles is housed on the shoe in a pouch with an aid of a non-metallic clip. The wires that connect the insole and the battery emanate from the arch portion of the insoles so that, movement of the user remain unhindered.

Specification

6 Watts operating at 7.4 V DC / 2600 mAh Li- Ion Battery.



Tent Heating Solution

Under Carpet Heater is ultra-thin electric radiant floor heating Aluminum foil mat specially designed for comfort heating to military men at high altitudes. Advantage of using Under Carpet Heater is the ease of installation and uniform heating of military tents located at high altitude. The special materials used makes it free from problems of 'Hot-Spots' or localized heating.

Construction

Under Carpet Heater is made with Fluoropolymer insulated heating cables, reinforced with secondary insulation. These are sandwiched between two layers of special reinforced aluminium foil. The uniform spacing of the heating elements, backed by the aluminium foil, ensures even heat distribution. This Heating Mat is placed on thermal insulated cushion to avoid heat loss from the bottom and is covered with a cozy carpet & is available in predetermined lengths with power leads that exit the heater from one end.

Specifications

150 W/ Sq. M operating at 230 V Single Phase.



Innovation, Excellence & Quality - Our Forte

Product Range

Industrial Heaters

Self Regulating Tracers STF
Self Regulating Tracers STP
Cut-to-length Tracers
Factory Terminated Tracers
Heating Cables
Heated Hoses
Hopper Heaters
Heating Blankets
Heating Jackets + Insulation Pads
Drum Heaters & IBC Heaters

Commercial Heaters

Undertile Heating Cables
Floor Heating Mats
Floor Heating Cables
Sticky Floor Heating Mats
Laminate Floor Heating Mats
Snow Melting Cables
Snow Melting Mats
Freeze Protection Cables
Roof & Gutter De-icing Cables
Panel Heaters



Engineering Export Excellence Award continuously from 2007 onwards

TRAIL BLAZER...

Blazing a trail across 50+ countries

Spreading warmth over 40 years

Partnered globally with over 100 long term clients



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