

SUNRISE

AN ISO 9001-2000 COMPANY

Industrial Heaters



Sunrise Products Moving Towards Excellence

Tubular/Finned Tubular Heater



Tubular heaters are made in S.S.-304, S.S.-321 and Incoloy sheathing to heat air and covered with M.S. and S.S. fins for air heating applications like forced air duct, drying ovens, air conditioning systems etc.



Cartridge Heaters



Cartridge heaters are designed for use where heat is required in limited space such as dies, plates, moulds and packaging machinery etc. Cartridge heaters are made in brass, S.S. and incoloy sheathing in plain and 'D' type with low and high-density wattage.



Immersion Heaters



Immersion heaters are made in M.S., S.S.-304, S.S.-316 and Titanium sheathing, fitted in flanges and standard BSPP screw type sockets to heat water, oil and chemicals, with and without thermostat pocket.



Bobbin Immersion Heaters



Bobbin heaters are made in M.S, S.S.-304, S.S.-316 and Titanium sheathing fitted in flange and screw type sockets for both horizontal and vertical mounting, suitable to heat water, oil and alkaline solutions etc.



Alkaline/lead Alkaline Heaters



Alkaline heaters are made in S.S.-304, S.S.-316 and Titanium sheathing to heat alkaline cleaning solutions. Alkaline heaters also covered with lead pipe to heat chrome and electroplating plating baths.



Mica & Ceramic Band Heater



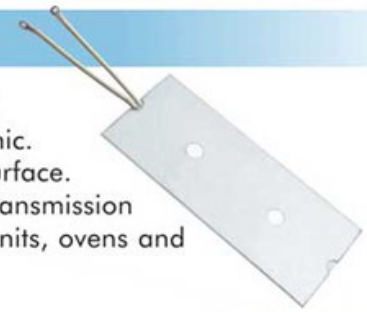
Mica and Ceramic Band heaters are made for proper contact heating on cylindrical surfaces. Band heaters are made in M.S., Brass and S.S. sheathing, also made in perforated sheathing for air-cooled application. both type of heaters also covered with insulated jacket to save energy.





Strip/Strip Finned Heaters

Strip heaters are made in M.S., Brass and S.S. sheathing, insulated with mica and ceramic. Strip heaters are used to heat smooth and flat surface. Strip heaters are also covered with finned for better transmission of heated air in application like forced air ducts, blower units, ovens and dryers etc.



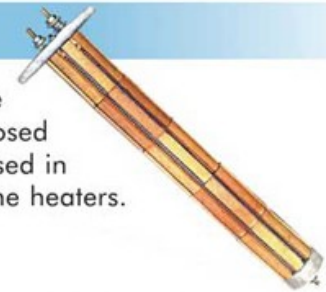
Ring Type Heaters

Ring type heaters are made in S.S. and Brass sheathing with ceramic or mica insulation. Ceramic insulated heaters are made only one side sheathing for better transfer of heat.



Porcelain Heaters

Porcelain heaters are made with high temperature bearing insulators. Elements in these heaters are exposed partially in air for better transmission of heat. Mostly used in ovens and tanks where draining is not possible to change the heaters.



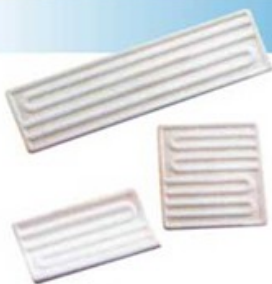
Casted Heaters

Casted heaters are made in cast iron, aluminium and Brass casting. These heaters are consisting of tubular heating element. Casted heaters are made for high temperature application to heat dies and nozzles.



Hot Runner Heaters

Hot Runner heaters are small in diameter but high in performance, it bears high wattage in small sizes. These heaters are formed in a compact coiled nozzle to heat hot runner, bushing, die casting nozzles and packaging machines etc. With and without thermocouples.



Infrared Quartz Heaters

Infrared heaters are made in ceramic and silica fused quartz tube sheathing. These heaters are specially designed to used where fast and radiant heating is required.





Open Coil Heaters

Open Coil heaters design for high temperature furnaces. offers greatest efficiency, highest reliability and fast heat transfer due to direct exposure in air.



Heat Tracer Heating Cables

Many products freeze or become viscous when exposed to ambient temperature. Successful storage and transfer of such products requires that the piping and associated equipment be heat traced.



Thermocouples

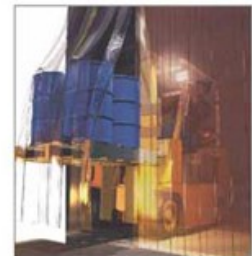
Thermocouples are made to sense accurate temperature at heated application site and transfer it to control meter. These are made in different fittings and types according to controller.



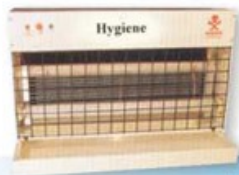
Our Other Products



Air Curtain



PVC Door Strip



Insect Killer



Hand Dryer



Soap Dispenser

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