

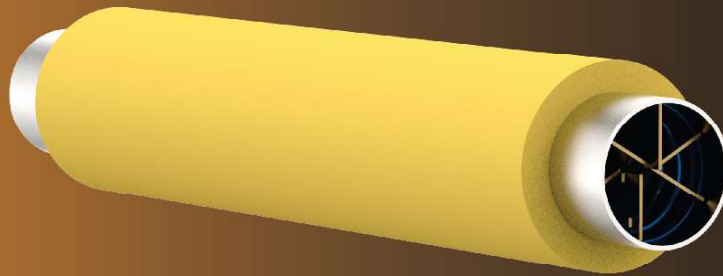


ENGINEERED SOLUTIONS
FOR HEATING & SENSING

ISO 9001-2015



AIR HEATERS



MARATHON HEATER (I) PVT. LTD.

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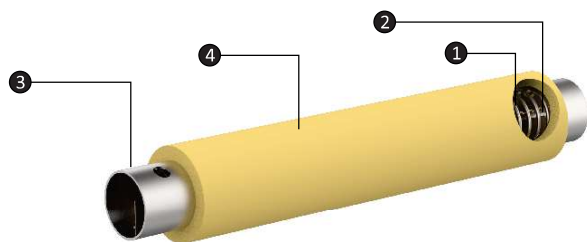
AIR HEATERS

Technical Specifications

Sheath Material	SS304
Sheath Outer Diameter	63.5 mm, 101.6 mm
Wattage	Various Wattage available ranging from 2 kW to 30 kW
Watt Density	Up to 77 W/inch ²
Glass wool Insulation	Up to 1200°C
Wattage tolerance	+5%, -10%
Resistance tolerance	-5%, +10%
Operating temperature	250°C

Note : For custom design requirements please contact sales@marathonheat.com

Construction



1. Nickel chromium Resistance wire coils for maximum heater life evenly wound for even heat distribution
2. Mica Sheet for holding coils in place and are dielectric, lightweight, resilient and stable high temperatures.
3. Stainless Steel Sheath for corrosion resistance and high strength.
4. Glass wool insulation for high thermal resistance with low thermal conductivity.
5. Teflon coated control cable & thermistor cable for superior insulation and suitable for high voltage application.
6. Mica Insulation having dielectric property to isolate high resistance coil from sheath.

Advantages

- Fast heat up time
- Increased Efficiency
- Lower maintenance
- Easy installation
- Easy and inexpensive replacement

Application

- Hot Air Dryer.
- Sealing.
- Hand dryers.
- Plastic Welding.