



Aum Hitze Tech
Precision Heating for Every Need



www.aumhitzetechnology.com

PRODUCT CATALOGUE

Domestic & Industrial
Heating Elements

PRODUCTS

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ABOUT US

Since its inception in January 2022, Aum Hitze Tech has rapidly expanded, surpassing 33 lacs in business revenue and projecting an impressive 1 crore in revenue for the upcoming fiscal year. With an eye on long-term growth, we expect to reach a turnover of 4 to 5 crore within the next 3 years.

At Aum Hitze Tech, we specialize in providing reliable and efficient heating solutions. As trusted manufacturers of industrial electric heaters and heating elements, we offer a diverse range of products including coil heaters, nozzle heaters, high-density heaters, ceramic heaters, and mica heaters. Our dedication to quality and innovation drives us to deliver heaters that not only meet but exceed performance expectations. By utilizing premium materials and state-of-the-art technology, we ensure that our heaters are energy-efficient, durable, and built to withstand the demands of various industrial applications.



MISSION

Our goal is to be your go-to source for dependable and efficient industrial heating solutions. We aspire to create a future where businesses can rely on high-quality electric heaters and elements to maintain seamless and consistent operations.



VISION

Our vision is to transform industrial heating by leveraging cutting-edge technology and a steadfast dedication to excellence. We aim to be the leading provider of electric heaters and heating elements, consistently setting new benchmarks for efficiency, reliability, and sustainability across all our products.



GOAL

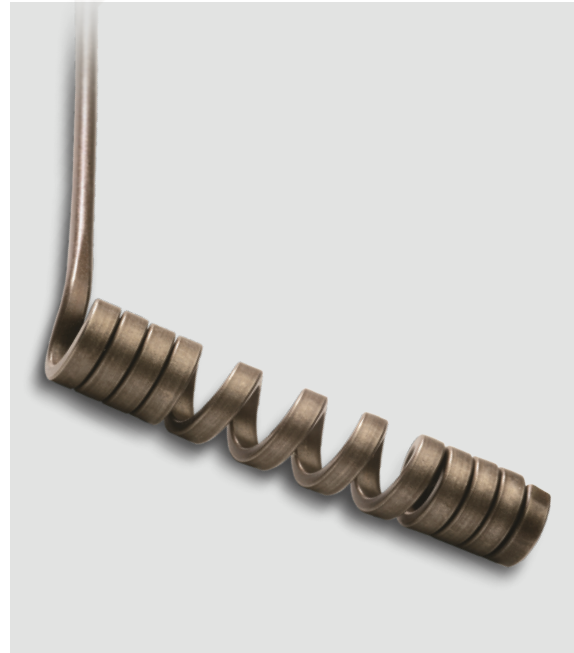
At Aum Hitze Tech, our steadfast commitment is to always go beyond your expectations. We do this by providing an extensive selection of heaters, outstanding customer support, and embracing the latest advancements in technology. Partner with us to achieve the highest standards in industrial heating.

COIL HEATERS

Mfg All types of
industrial heaters.

Features

- Sheath material: SS
- Standard sizes available with various cross section
- Various Watt Density options available
- Designed for even heat profile
- Precision fit on Hot Runner Nozzles
- Highly Non-corrosive



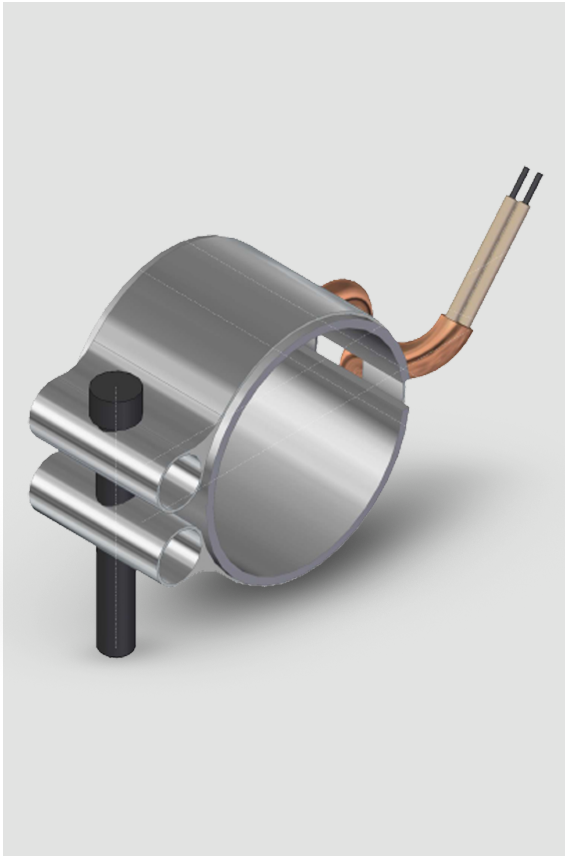
- Sheath Temperature: 750 °C Max
- Voltage Range: 24 to 250 volts
- Standard Wattage: 250W, 330W, 400W, 470W, 550W, 650W, 750W, 850W, 1000W, 1100W
- Connection Wires: 1000 mm Stranded Nickel
- wires with PTFE coating

Available Cross Sections (in mm):

- Round: 2.9, 3.3, 3.8
- Square: 3 x 3, 3.3 x 3.3
- Flat: 1.8 x 3.2, 2.2 x 4.3, 2.5 x 4.0, 4.0 x 6.4
- Tolerance on all dimensions \pm 0.1mm

Mfg All types of industrial heaters.

NOZZLE HEATERS



Features

- Standard sizes available with various cross section
- Robust Design
- Available in custom sizes
- Various Watt Density option available
- Designed for even heat profile
- Precision fit on Machine Nozzles
- Highly Non-corrosive
- Good for processing engineering plastics
- High Return on Investment

- Sheath material: SS
- Voltage Range: 24V - 250V
- Sheath Temperature: up to 400°C
- Connection Wires: 1000 mm Stranded Nickel wires with PTFE coating
- Good for processing engineering plastics
- Available Diameters: 25 mm to 38 mm
- Available Width : 25 mm to 75 mm with & without in-built thermocouple 'J' type

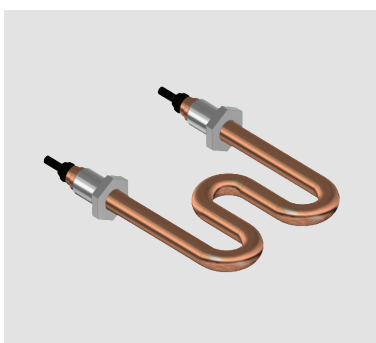
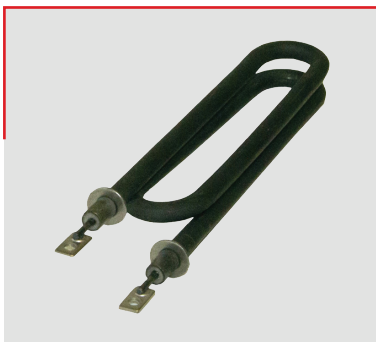


TUBULAR HEATERS

Mfg All types of industrial heaters.

Features

- Environment friendly, No Hazardous smoke, NOx & SOx gas generation.
- Versatile, rugged construction and dependable
- Corrosion and oxidation resistance
- Flexible enough to be formed in any required shape
- Various termination option available
- Element Diameter 6mm, 8mm, 11mm, 12.5, 13.7mm, 16mm and 25mm
- Sheath element- Copper/SS/ Alloy600/ Alloy800 series/ Titanium

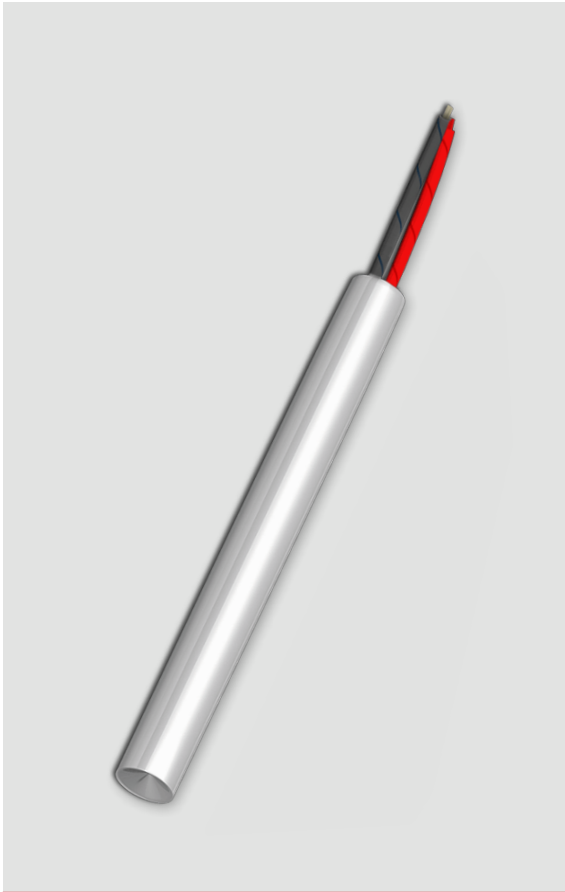


Tubular heaters are a safe and efficient heating option, using a resistive coil inside a metal tube filled with insulating magnesium oxide. This design prevents electric shock and transfers heat efficiently to the surface, making them ideal for modern heating needs.

Tubular heaters Known for its versatility, ruggedness and dependability, tubular heaters can. They can be designed in a wide range of electrical ratings, sizes, supply configurations, and materials. The Heaters can be formed in to any shape to suit a specific application. The heaters can be used for heating the process fluids (gas, liquid, vapour etc) or for a surface heating of metals as well.

CARTRIDGE HEATERS

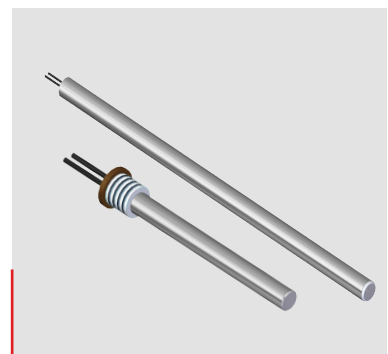
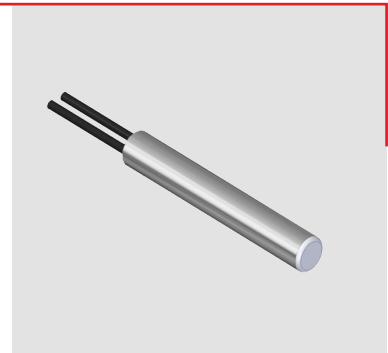
Mfg All types of industrial heaters.



Features

- Available with in built Thermocouple
- Highly Non-corrosive
- Even heat profile & Max temp up to 750
- Available with various Lead Exits & Cable Protection options
- Various termination option available
- Sealed Bottom with Conical End disk to avoid contamination and for easy replacements
- Precision fit on Machine High Density Heater

- Sheath material: SS
- Surface Loading: upto 150 watts / in²
- Voltage Range: 12 to 440 volts
- Leakage Current: < 0.5 mA
- Available Diameters: Min Dia: 1/4" & 6 mm, Max Dia: 1" & 20 mm
- Available Lengths: Min length: 1 1/2" & 40 mm, Max length: 40" & 1000 mm
- Tolerance on length is 3mm up to 150mm above 150mm +/- 2%
- Tolerance on wattage +/-10%
- J type built in thermocouple available only at discend and with PTFE leads

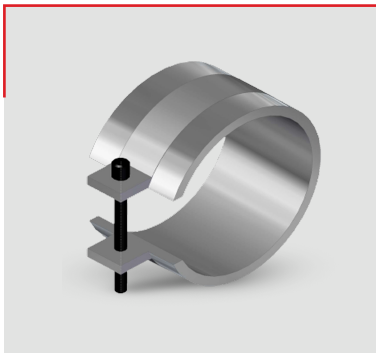


BAND HEATERS

Mfg All types of industrial heaters.

Features

- AL Steel / SS Sheathing
- Designed with Uniform heat profile for Higher Temperature up to 500°C.
- Improved Heating Efficiency up to 55 Watts / sq inch
- Efficient Heat Transfer even on irregular surfaces in comparison to Mica Band
- Robust Terminal Junction with Specially Designed Protection Cap.
- Non-Corrosive Sheathing withstanding high temperature up to 700°C .
- Choice of Terminations & Clamping
- Engineered for Longer life with Superior quality steatite insulators
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- Surface Loading: 35-55W / Sq in, Voltage Range: 110V - 440V
- Min Diameters: Eco Heat : 60mm, Energy saver: 75 mm
- Min Width: Eco Heat : 35mm, Energy saver : 75mm

Mfg All types of industrial heaters.

MICA HEATERS



Features

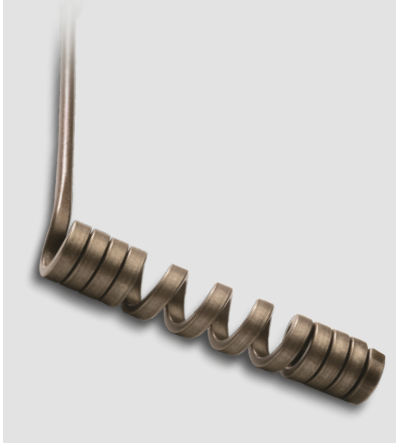
- AL Steel / SS Sheathing
- Engineered for Uniform Temperature & Maximum Amperage carrying capacity
- Robust Terminal Junction with specially designed Chrome Nickel Steel protection cap to protect exposed terminals
- Special High Grade Mica insulation for Superior Thermal Conductivity
- Available in Various Lead Terminations & Clamping
- Conserves Energy with improved Heating Efficiency Up to 30 Watts per square inch.
- Designed for Temperatures up to 300°C.
- Glass Fibre insulated Metal Braided Terminal Cable
- Barrel Nut type clamping with Terminal Protection Box
- Expandable to fit around the Barral O.D. Easy installation & removal

- Surface Loading: Up to 30W / in²
- Voltage Range: 110V - 440V Single Phase & Two Phase
- Min. Inside Diameter: 25 mm
- Min. Width: 25 mm without mounting / thermocouple holes
35mm with mounting / thermocouple holes

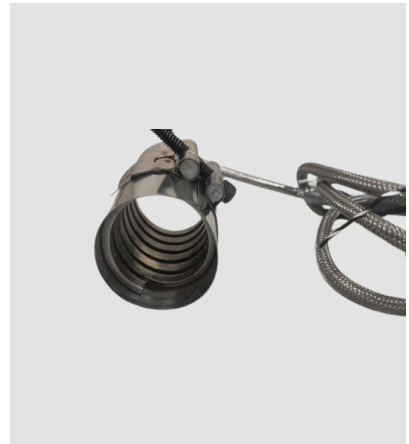
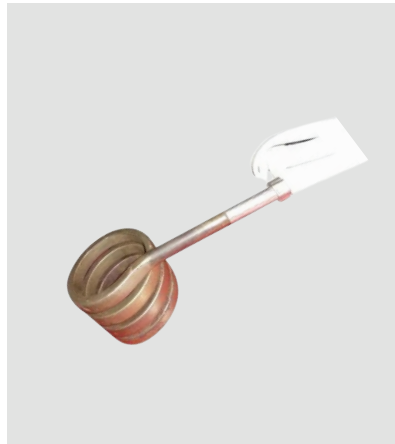
ALL PRODUCT LIST

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industrial heaters.

Coil Heaters



Nozzle Heaters



Tubular Heaters



Mfg All types of industrial heaters.

Cartridge Heaters



Band Heaters



Mica Heaters



PHONE :

+91 85111 20445 | +91 98244 82134 | +9199245 02001

EMAIL :

sales@aumhitzetech.com | info@aumhitzetech.com

WEBSITE :

www.aumhitzetech.com

ADDRESS :

Plot no. L-4104/1, 1st Floor, Phase 4, Vatva
GIDC, Ahmedabad, Gujarat - 382445

