



# SUNBRIGHT INDUSTRIES

## **FINNED TUBULAR HEATERS**



### **OVERVIEW**

Finned tubular heaters are superior to tubular heaters since fins greatly increase surface area, permit faster heat transfer to air and permits putting more power in tighter spaces—like forced air ducts, dryers, ovens and load bank resistors resulting in lower element surface temperature. They are made of up of tubular heating elements and are equipped with electro galvanized steel fins. Mechanically bonded continuous fins assure excellent heat transfer and helps prevent fin vibration at high air velocities. As the surface area is increased and heat transfer is improved due to fins, it results in lower sheath temperature and maximizing of element life.

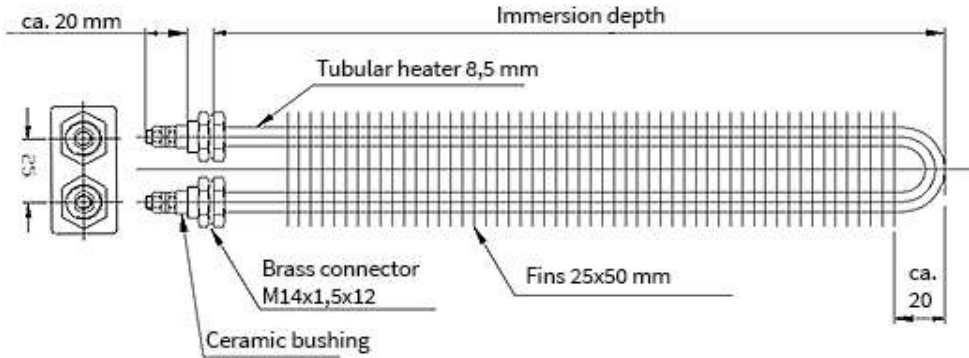
These industrial heating solutions are among the most common heaters and are best suited for a large number of applications such as conduction, convection, and radiation for stoves, industrial ovens, drying cabinets, air conditioners etc. They can be used in virtually every industrial environment up to about 750°C (1382°F) and be molded into many unique and complex shapes. Finned heaters are extremely rugged, have low capital cost and require negligible maintenance.



### **FOR ENQUIRY**

Call us: - 020-27484756 / 9049918253 / 9422088017

Fax: - 020-27458946, Email-id: - [sunbrightindustries@yahoo.co.in](mailto:sunbrightindustries@yahoo.co.in)



## **TECHNICAL SPECIFICATION**

Sheath Material	Copper, Steel, Stainless Steel, INCOLOY, Titanium
Watt Density	Up to 120 W/in <sup>2</sup>
Fins Material	Aluminium, Stainless Steel
Voltage	Up to 480 V AC
Operating Temperature	Up to 1200 °F
Sheath Diameter	.375" , .430" , 0.475"
Wattage Tolerance	Industry Standard +5% -10%
Resistance Tolerance	Industry Standard +10% -5%

## **INSTALLATION & MAINTENANCE**

- ✓ Maintain temperature controls & accessories in good working condition to avoid over heating condition
- ✓ Secure firmly to avoid Air gap and also to compensate for normal expansion, re-tighten periodically
- ✓ Maintain temperature controls (Ø), Termination & Clamping Style
- ✓ Eliminate contamination of oil, plastic, dirt etc on cylinder surface

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## FEATURES

- ✓ Variety of custom bends available
- ✓ Silicone seals to ensure moisture resistance in humid environments.
- ✓ Numerous types of terminations available
- ✓ Customized cold sections
- ✓ Increased surface area for faster heat transfer
- ✓ Stainless steel mounting bracket, welded to the terminal end.

## APPLICATIONS

- ✓ Convective Air & Gas Heating
- ✓ Dehumidification
- ✓ Curing Ovens and Plastic Dryers
- ✓ Organic Resins & Paint Curing
- ✓ Autoclave
- ✓ Industrial Ovens
- ✓ Drying Cabinet and many more



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