



SPECIAL FEATURES

EASE OF INSTALLATION

The Casso-Solar Technologies' Infrared Heater, Type "FHT", is a self-contained, high temperature furnace heater module, designed for ease of installation. The "FHT" maximizes productivity through high energy transfer rates, uniform energy distribution, and accurate process control.

All modules contain the complete oven wall insulation, typically 6 inches thick, providing an oven interior composed of high temperature ceramic refractory board and resistance heating elements. All metal parts are kept behind the heater faces with stainless steel used in hot areas. The "FHT" heater modules can be placed 4 to 5 inches away from the product, minimizing convection losses and providing product uniformity of +/- 2° F.

All electrical terminals are on the cold, outside surface, reducing the requirements for ultra high temperature electrical connection materials & terminal purge air cooling.

HIGH PERFORMANCE AND FLEXIBLE DESIGN

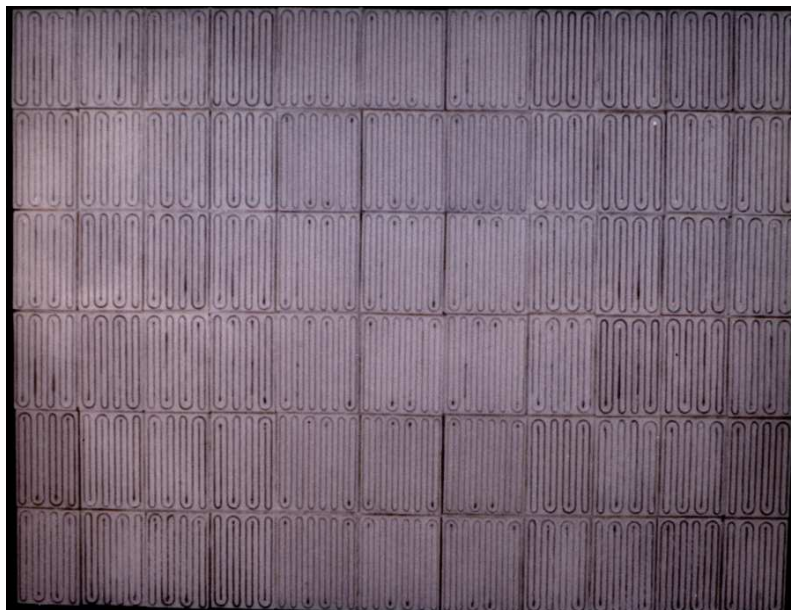
Heater performance is monitored with replaceable thermocouples, to give closed loop process control. Modules are typically one square foot or less and may be constructed with multiple independently controlled zones. System voltages can be designed from 208 to 600 volts.

The Casso-Solar Technologies' Infrared Heater Type "FHT" can create operating environments up to 1600° F. Energy watt densities are available to 40 watts per square inch (6.2 watts per square centimeter) or 5.76 KW per square foot).

With new product and process technology under continuous development, production equipment is required to give precise and flexible control over production quality, while operating efficiently with minimum maintenance. With over 50 years of experience, Casso-Solar Technologies has been providing our customers the competitive edge.

HIGH TEMPERATURE ELECTRIC INFRARED FURNACE MODULE

- Operating Environment Up To 1600°F
- Energy Watt Densities To 40 Watts Per Square Inch
- Fully Contained With 6 Inch Insulation
- Multiple Zone Capability
- Control Process To +/- 2° F
- Modular Construction
- Extended Life



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