Cased Furnace Heaters and Heating Chambers

Ceramic fiber chamber, installed heating elements and stainless-steel casing supplied as one heating assembly.

Supply scope

- Vacuum-formed or assembled ceramic fiber chamber with suitable backup insulation
- Installed heating elements, supports, leads and terminals
- Stainless-steel casing with required openings and mounting points
- Sensors, controls, power connections and protection equipment are identified separately for standalone operation

Heating systems

- Resistance wire, SiC or MoSi2 elements are available
- The element system is paired with the ceramic fiber grade, atmosphere and operating cycle
- Working temperature is specified for the complete configuration, not from material grade alone

Application routes

- Standalone heaters and furnace chambers
- Integrated machine hot zones and supplementary heating
- Round, rectangular, fixed, split and hinged constructions
- Semiconductor and photovoltaic diffusion heaters are covered in the separate diffusion-heater data sheet

RFQ inputs

- Working chamber size, load and operating temperature
- External dimensions, mounting and access
- Voltage, power, zones and preferred element system
- Included controls, sensors, connections and required quantity

Order specification

State the required grade, dimensions, density, construction and operating conditions with your inquiry. The quotation and approved drawing identify the supplied configuration, electrical values and agreed inspection criteria.

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