



## Heater Module Type HTMOD

### General Information

ZIRCAR Ceramics' Heater Modules Type HTMOD are engineered combinations of low density thermal insulation materials with high quality resistance wire heating elements. Serving Thermal Process Equipment OEMs as well as End Users with unique and challenging high-temperature applications, HTMOD Heater Modules are manufactured and assembled into precision-fabricated industrial grade enclosure. HTMODs include either painted mild steel or stainless steel enclosures with appropriate thermocouple bracketting and are supplied ready to connect to a suitable power supply. All HTMODs are custom designed and built with the goal being the satisfaction of the specified form, fit and functionality. These Heater Modules are capable of efficiently delivering fast, clean, well-insulated radiant heat to temperatures as high as 1300°C (2372°F). HTMODs are available in a wide range of complex shapes, sizes, multi-zone configurations, temperature and power ratings.

It is our honor to have the opportunity to work with and to be of service to all customers. Please contact us with your Heater Module requirements.

### Availability

ZIRCAR Ceramics is an experienced professional manufacturer of custom Heater Modules. A wide variety of custom HTMODs are manufactured.

**For customers who already have an existing Heater Module design**, ZIRCAR Ceramics is pleased to be considered for your requirements. Please provide technical drawings and specifications. A quotation will be provided.

**For customers just beginning to define their Heater Module requirements**, our Experienced Technical Sales and Design Staff are available to work with you and exchange useful information to help you achieve your Heater Module objectives.

Our Heater Module Questionnaire is an excellent tool to use to convey the requirements of a custom Heater Module.

The information presented herein is intended to help the user in determining the appropriateness of this product for their application. This information is a nominal representation of this product's properties and characteristics and therefore should not be used in preparing specifications.

### ZIRCAR Ceramics, Inc.

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### Suggested Applications

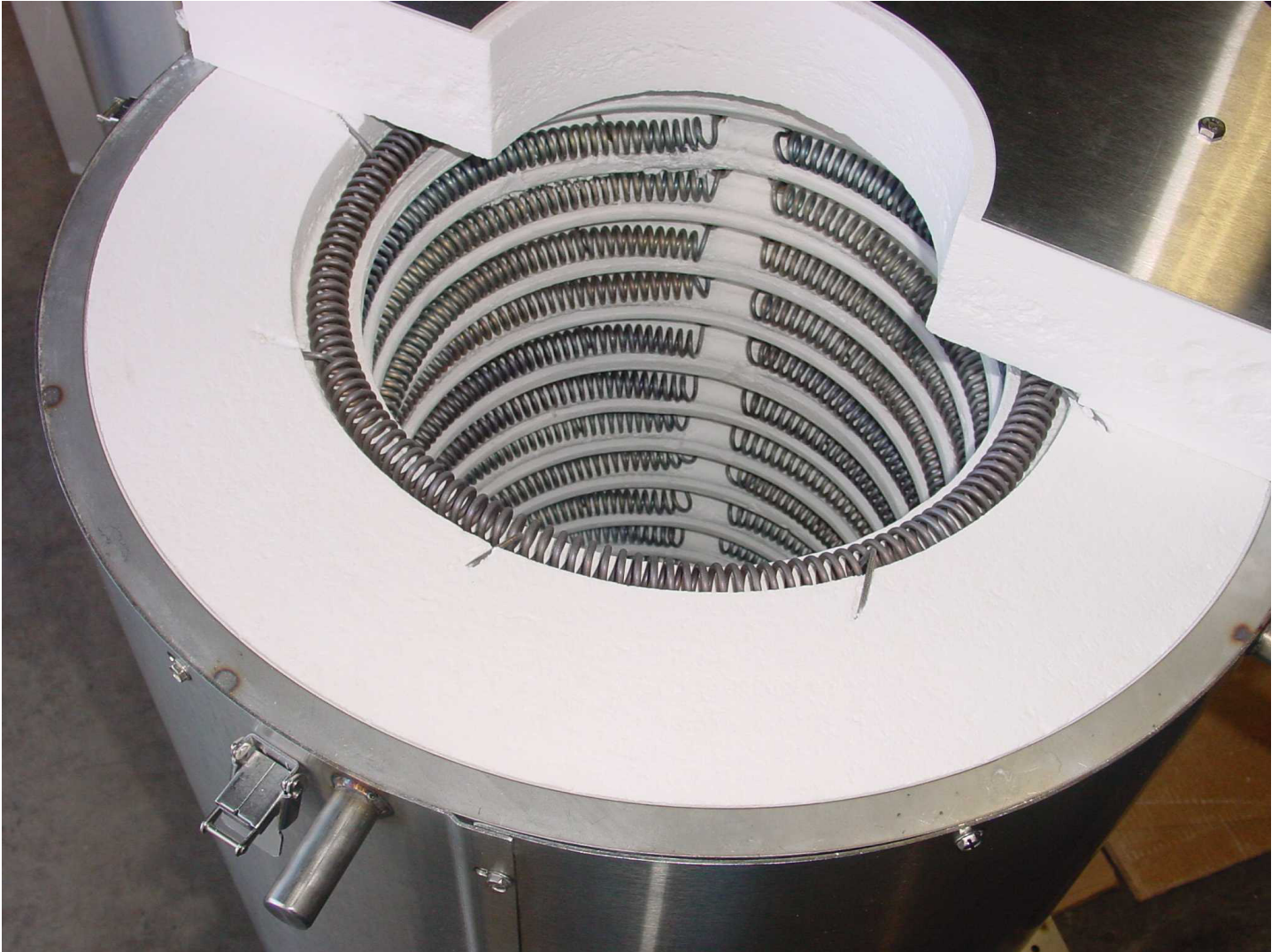
Fabrication of furnaces used in:  
Crystal Growth and Zone Refining  
Ceramics and Metals Sintering and Heat Treatment  
Semi-Conductor Wafer Processing  
High Temperature Dielectric Property Testing  
Acid Distillation  
Fluidized Bed Reactors  
Mechanical and Chemical Property Testing Apparatus  
Research and Development

### Capabilities

Shown on pages 2 & 3 of this bulletin are a number of HTMOD Heater Modules ZIRCAR Ceramics has built. We look forward to discussing your special requirements.

Technical Data Bulletin  
Heater Module Type HTMOD  
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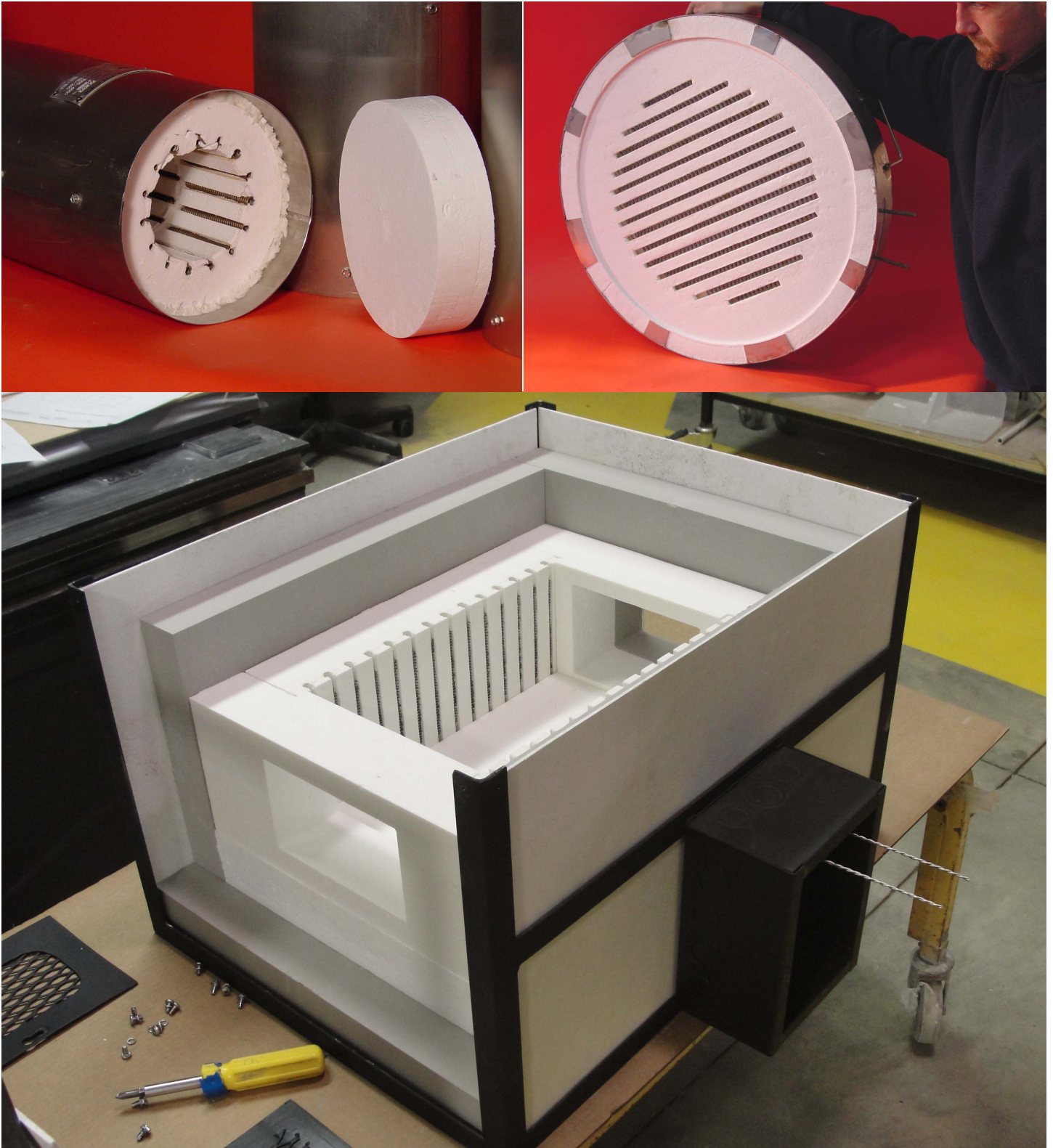
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