

# Heater Application Design Inquiry

*Not certain what you need in a heater or how your current application may be improved? Simply complete as many questions as you can below and submit this form to us. We will promptly contact you and develop a solution to meet your requirements.*

Date \_\_\_\_\_

Name \_\_\_\_\_

Company \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

Briefly describe your application and the environment it will be in (e.g., outdoors, under water, etc.).

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What will you be heating?

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What temperature do you wish to maintain? \_\_\_\_\_

At what voltage and watts will the heater be operated? \_\_\_\_\_

Please provide any additional data about the application and/or include an image of the application with submission of this form.

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*Note: The second page is for your convenience, but you may contact us without referencing it.*



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# Cast-In Heater Application Design Inquiry

## Stainless Steel Shroud Systems

Date \_\_\_\_\_  
Name \_\_\_\_\_  
Company \_\_\_\_\_  
Phone \_\_\_\_\_  
Email \_\_\_\_\_

When submitting this form, please be sure to include an extruder barrel sketch or drawing that includes the following:

- Extruder Barrel Support(s)
- Vent Locations(s)
- Input Feed Location
- Zone Length(s)
- Number of Heating Zones
- Zone Probe Location(s)
- Pressure Tap Location(s)
- Additional Restriction(s)

Note: To assist in designing a shroud system, please provide digital images

Extruder Barrel Manufacturer: \_\_\_\_\_ Model Number: \_\_\_\_\_  
Resin Type: \_\_\_\_\_ Process Temperature: \_\_\_\_\_

### Shroud Specifications

Shroud Style:  Cool to-the Touch  Multi-Versal Quantity Required: \_\_\_\_\_

### Shroud Dimensions

Shroud Width / Zone Length: \_\_\_\_\_ Extruder Barrel OD / Shroud ID: \_\_\_\_\_  
Maximum Shroud OD: \_\_\_\_\_ (Determined by Engineer unless specified by customer.)  
Existing Heater OD (including terminations): \_\_\_\_\_ (Determined by Engineering when new heater is purchased.)  
Internal Shroud Support Required:  Yes  No

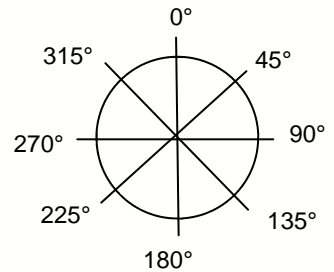
### Shroud Components and Component Locations

#### Component Options

- Blower Mount:  Horizontal  Vertical
- Air Outlet:  Separate from Terminal Box  Combined with Terminal Box
- Terminal Box  None  Louvered (Separated from air Outlet)  
 Screened (Combined with Air Outlet)
- Clamping Method at Shroud Opening:  
 Barrel Clamps with Hinge  Barrel Clamps (No Hinge)  
 Adjustable Clamps with Hinge  Adjustable Clamps (No Hinge)
- Zone T/C Probe(s): Quantity \_\_\_\_\_ Clearance Hold Diameter \_\_\_\_\_

#### Component Radial Locations

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- Clamp(s) \_\_\_\_\_  
Hinge \_\_\_\_\_
- Probe(s) \_\_\_\_\_



### Blower Specifications

Configuration:  Single  Dual  Customer Supplied\*  
 Stock Blower (engineer will determine specifications if none specified)  
P/N \_\_\_\_\_ or CFM \_\_\_\_\_ Volts \_\_\_\_\_ Operating Frequency: \_\_\_\_\_ Hz  
 Optional Inlet Guard (available for most stock blowers)  
Optional Blower Extension  Horizontal  Vertical  Custom  
Mounting Dimensions: Length \_\_\_\_\_ Width \_\_\_\_\_  
 \*Customer supplied blower (please attach mounting information when submitting this form)  
Manufacturer: \_\_\_\_\_ P/N: \_\_\_\_\_ DFM: \_\_\_\_\_ Volts: \_\_\_\_\_ Operating Frequency: \_\_\_\_\_ Hz

### Heater Specifications

Existing Heater: P/N \_\_\_\_\_  Replace Existing Heater  Cover Existing Heater

If purchasing new heater, provide the following, if known:

\_\_\_\_ Cast-in(s) \_\_\_\_ Ceramic Band(s) \_\_\_\_ Micraband(s) \_\_\_\_ Maxibands \_\_\_\_ Other \_\_\_\_\_  
Inner Diameter: \_\_\_\_\_ Width(s): \_\_\_\_\_ Wattage per Shroud: \_\_\_\_\_ Voltage: \_\_\_\_\_



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