

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.).

What will you be heating?

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.

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



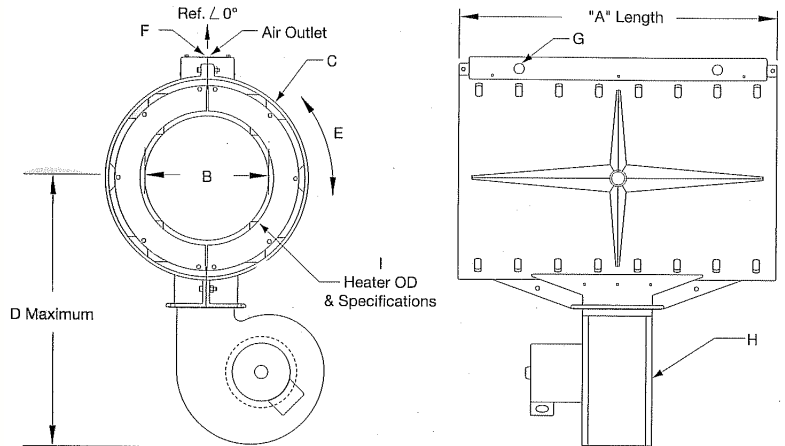
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Cast-In Heater Application Design Inquiry

Polar Cast Shroud System

Date _____
 Name _____
 Company _____
 Phone _____
 Email _____
 Extruder Barrel Manufacturer: _____
 Model Number: _____
 Resin Type: _____
 Process Temperature: _____



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

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

Note: To assist in designing a shroud system, please provide digital images of the extruder barrel (.jpg format).

Shroud Specifications

A. Shroud Width / Zone Length: _____ B. Extruder Barrel OD/Shroud ID: _____
 C. Maximum Shroud OD: _____ (Determined by Engineering unless specified by customer.)

Shroud Component Specifications

D. Maximum Blower Clearance: _____
 E. Rotational Orientation of Air Outlet and Blower: _____
 Indicate Angle from Vertical 0° Reference if other than 90° or 180°
 F. Zone T/C Probe(s): Quantity _____ Clearance Hold Diameter: _____
 Location: Centered at Top (standard) Custom : _____ (Indicate clockwise from drawing reference angle)
 G. Wiring Entrances: 7/8" (1/2 Trade Size Conduit – Standard) 1-3/32" (3/4 Trade Size Conduit – Optional)
 Customer specified _____

Blower Specifications

H. 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

I. Inner Diameter: _____ Wattage Per Half: _____ Voltage per Half: _____



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