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**INSTRUMENTS • VALVES • CONTROLS**

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 This is a:  Request for Quote  Order: PO# \_\_\_\_\_  
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 Shipping Method: \_\_\_\_\_ Partials Accepted:  Yes  No



# Industrial Burners Application Datasheet

Please attach a process flow diagram or sketch of your application.

### Process Data

Application    Air heating    Solution heating  
                   Product heating  
                   Batch process    Continuous process

For air heating applications only:  
 Air flow required    Fresh air    Recirculated air \_\_\_\_\_ % recirc.

Fuel Type        Natural gas  
                   LPG vapor  
                   Light oil (Less than 8 cst, specific gravity 0.876)  
                   Heavy oil (Greater than 20 cst, specific gravity 0.887)

Analysis Req'd    Coal Gas        Other \_\_\_\_\_

Product Type \_\_\_\_\_

Product Flow Rate \_\_\_\_\_ kg/hr

Product Required Temperature \_\_\_\_\_ °C    °F

Describe the Work Chamber

Chamber Dimensions (WxLxH) \_\_\_\_\_

Chamber Insulation Type \_\_\_\_\_  
   Thickness \_\_\_\_\_

Chamber Temperature \_\_\_\_\_ °C    °F

Heating Capacity Required \_\_\_\_\_ kcal/hr

Number of Burners Required \_\_\_\_\_

Combustion Chamber    Negative        Positive  
 Pressure (mmH<sub>2</sub>O)    \_\_\_\_\_        \_\_\_\_\_    Balanced

### Burner Electrical Specifications

Motors	460V/3/60 Hz	380V/3/50 Hz	415V/3/50 Hz
	115V/1/60 Hz	220V/1/50Hz	
Controls	115V 50 Hz	115V 60 Hz	220V 50 Hz
Control Panel	Mini panel Intermediate panel Combustion control panel Not required		
Control Location	Indoor Use Outdoor Use		
Flame Detection	Flame Rod	UV Scanner	

### Process Components

Pipe Train        Supply by Maxon  
                   Supply by Other  
                   Not required

Comment: \_\_\_\_\_

Combustion        Supply by Maxon  
 Air Blower        Supply by Other  
                   Not required

Comment: \_\_\_\_\_

Control Valves    Supply by Maxon  
 Air/Fuel            Supply by Other  
                   Not required

Comment: \_\_\_\_\_

### Special Instructions/Notes (List any other requirements.)

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