# **Radiant Process Heaters**

## **Ordering Information**



### ARA Array Panel Design Worksheet for Ceramic E-Mitters

**Ordering Information** 

To process your order or quotation, please specify the following information.

#### 1.) Supply panel layout or sketch showing:

- Outside panel dimensions (allow for 0.75" wide mounting lip on all sides of ARA structural array housing)
- Heater type and orientation of long (or short) heater dimension
- Layout of rows and columns with number of heaters
- Spacing of rows and columns (Tempco will use standard spacing unless specified by customer)
- Zones and/or number of heaters per zone
- Locations of input wiring
- Locations of heaters with thermocouples (if used)

#### 2.) Electrical requirements:

• Total panel KW \_

• Zone KWs (or # of heaters in zones)

• Line voltage to panel, # of circuits & 1 or 3 phase operation

• If 480V, can series-parallel wiring and 240V heaters be used?

• Type of heater control to be used

#### **3.)** Heater specifications:

• E-Mitter Style 📋 CRB	CRC	CRG	CRN	CRZ	CRD	CRH	CRL	CRM
• Catalog Part Number		or W	'atts	Volts	_ Color f	for all heate	ers (T/C &	non-T/C types)

Standard K thermocouple or optional J \_\_\_\_\_ Quantity \_\_\_\_\_

• Heater lead configuration (Standard is 3.5" ceramic beads with spade terminals if factory wired) Special terminals if required \_\_\_\_\_\_

#### 4.) Panel wiring & control options:

- Standard unit wiring is heaters to terminal blocks only
- Factory wired per customer specs and wiring diagram
- Tempco Engineering to design internal wiring and determine line input requirements
- Tempco to supply turnkey power control panel(s)
- 5.) Any special features required? \_\_\_\_\_

#### 6.) Application data:

Type of application and physical properties of processed materials \_\_\_\_\_\_

MARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.