



ARV Array Panel Design Worksheet for Quartz Mini-Tube E-Mitters

Ordering Information

To process your order 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:

- Heater Type KTE KTG
- Heater Size KTE1 (9-3/4"L) KTE2 (4-7/8"L) KTE3 (7-5/16"L) KTE4 (14-5/8"L) KTE5 (19-1/2"L)
 KTE6 (4-7/8" Sq.)
- Heater Mounting Style C S
- Catalog Part Number _____ or Watts _____ Volts _____
- Standard K thermocouple or optional J _____ Quantity _____
- Heater lead configuration — Standard is 3.5" or 6" with spade terminal
Spade terminals used if factory wired (ring terminals optional)

- Special marking if required _____

4.) Panel wiring & control options:

- Standard unit wiring is heaters to terminal blocks only
- Factory wired per customer specs & wiring diagram
- Tempco Engineering to design internal wiring & 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

 **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

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