

### Temperature Control Panels Custom Designed/Manufactured for any Industrial Process Applications



#### Typical Design Features

- \* NEMA enclosure
- \* Choice of temperature controller
- \* Circuit breaker or fused disconnect
- \* Main Power: Up to 600 VAC three-phase
- \* Heater Power: Up to 600 VAC three-phase
- \* Paperless data logger
- \* PLC based control with touch panel display
- \* Fan, heat-tube, air conditioning or other cooling methods
- \* Anti-condensation enclosure heater
- \* Twist-lock or jack panel connections available for external connection
- \* Audible/Visual alarms
- \* Hazardous Locations

Tempco's made-to-order control panels are engineered to solve practically every process heating application including zoned infrared arrays for thermoforming and drying ovens. Output power devices can be contactors, SCR, solid state relays or mercury relays. It is recommended that for infrared arrays, only SCRs or solid state relays be used for the most stable element temperature. For halogen (tungsten) elements, phase angle fired SCRs with soft start capability should be used.

All control panels are shipped factory pre-wired in accordance with the National Electrical Code, NFPA79, UL508A and any special local electrical codes required by the customer. UL508A certification available only when requested.

#### Ordering Information

To request a quote see page 13-62