



## **Z-8490 Fourteen Channel Time/ Temperature Digital Thermostat**

The Z-8490 system has been designed to improve the accuracy and control of temperature in food equipment applications. For instance in fryers, where oil temperature is important in reducing waste and improving product quality. This controller is used for temperature and time control. Its two independent banks of timers could be configured for 4, 6 or 7 different cooking cycles allowing added versatility to the frying process.

A thermistor sensor, which is used to control the temperature, is available in a wide variety of configurations in order to meet the most demanding requirements.

This thermostat-timers controller has been designed with the latest microprocessor technology to offer the user a versatile and reliable controller.

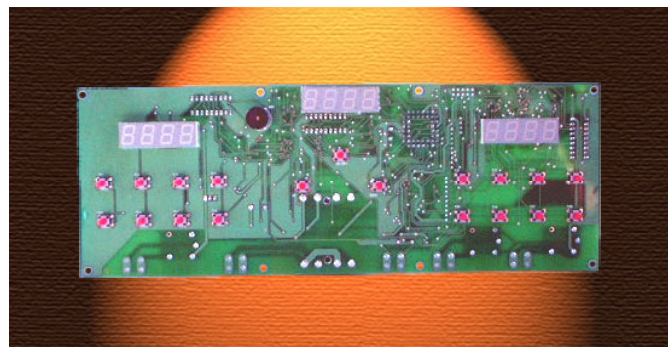
Its flash microprocessor technology allows for field software changes with the use of a personal computer.

### **FEATURES:**

- Three Four (4) digits .5" 7 segments Red LED displays used to display time and temperature.
- 200° to 400° F Temperature range.
- Each bank of timers will energize a 10 Amps relay that could be used to activate a lift basket when used as a fryer controller.
- Two (2) 10 amps relays outputs used to control 2 independent lift baskets.
- 85-db beeper.

### **OTHER APPLICATIONS:**

The Z-8490 Temperature controller and timers can be configured in a wide variety of modes to satisfy a wide range of either electric or gas applications.



Some applications for which this line of controllers could be useful are:

- Gas or Electric Fryers.
- Gas or Electric Ovens.
- Broilers.
- New product development.

### **SPECIFICATIONS:**

#### **Electrical:**

110 or 220 VAC 50/60 Hz.

#### **Mechanical :**

Length: 11.00 in., Width: 4.00 in.

#### **Operating Temperature:**

0 to 85° C.

### **ORDERING CHART:**

|                  |                   |
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| <b>Z8490-120</b> | 115 VAC 50/60 HZ. |
| <b>Z8490-230</b> | 220 VAC 50/60 HZ. |