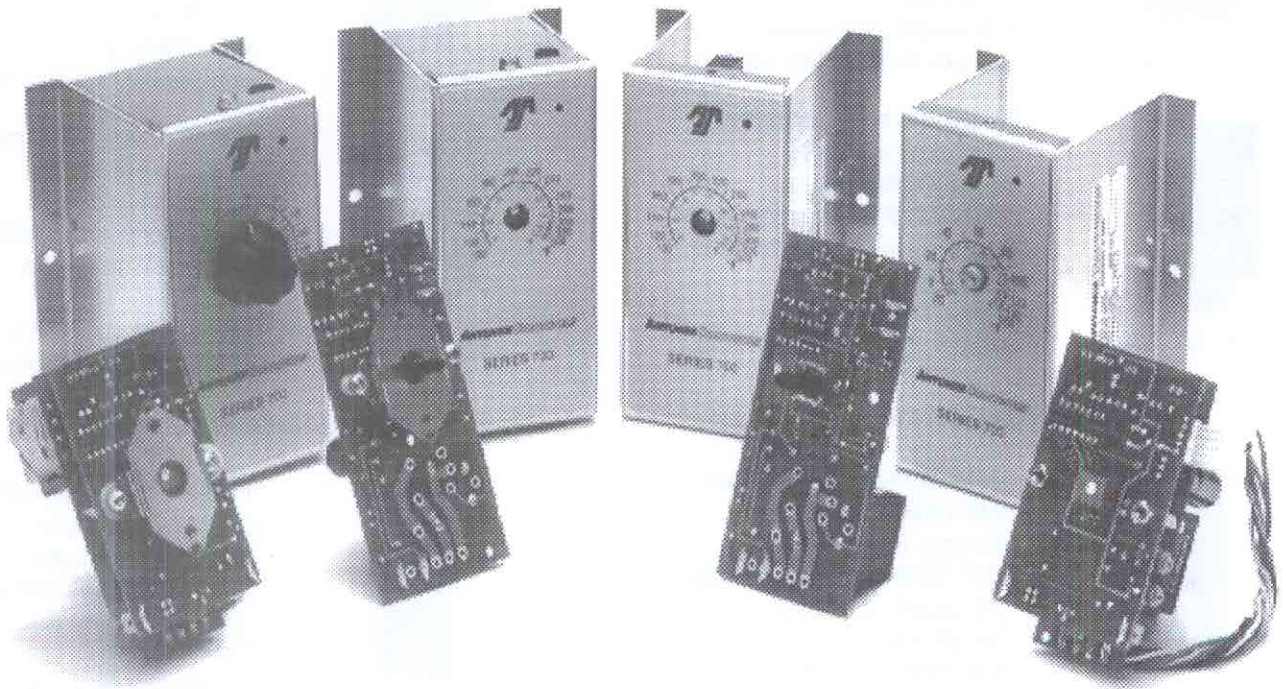


# **AA** ANTUNES CONTROLS

DIVISION OF A.J. ANTUNES & CO.

## TEMPERATURE CONTROLLER SERIES 700



Antunes Controls' Series 700 is a new line of Electronic Temperature Controllers. These units have been designed to provide maximum flexibility for OEM specifications. The Series 700 utilizes a thermistor sensor, which allows for quick response to changes in temperature. We offer several different temperature ranges. These units are highly accurate and are much more reliable and repeatable than the standard bulb and capillary.

The Series 700 controllers can be installed in any heating or refrigeration/freezer application where accurate temperature control is required. Some typical applications are Air Make-up units, Boilers,

Furnaces, Ovens, Electric and Gas Heaters, Grain Dryers, Exhaust Hoods, Walk-in Freezers, Refrigeration Display Cases, Commercial Cooking Ovens, Heated Display Cases, Cooking Steamers, Fryers, Wood Burning Stoves.

The Series 700 has many options. These units can act as a high limit control with a manual reset. We also feature an adjustable hysteresis and a jumper for hot and cold applications.

If the Series 700 does not meet your specifications, please contact us and we will develop and manufacture a control that does meet your specification.

## SPECIFICATIONS (Options)

### Adjustable Type

- Potentiometer adjustment
- Factory preset
- Screw driver adjustment

### Output

- 8 amp relay SPST (resistive)
- 15 amp relay SPST (resistive)

### Enclosure/Mounting

- Box enclosure
- Open board
- "C" bracket
- Diamond bracket

### Other Features

- Units can act as a High Limit Control with Manual Reset
- Adjustable Hysteresis
- Jumper for High/Low (Hot/Cold) Control

### Power Supply

- 24 Volts
- 120 Volts
- 208-240 Volts

### 701 BOX ENCLOSURE



711111202

Potentiometer adjustment  
24V power supply  
15 amp relay output  
-20°-150°F adjustable range  
Screw terminal connections  
On/off led  
Adjustable hysteresis  
Jumper for high/low control



7413211205

Screw driver adjustment  
120V power supply  
15 amp relay output  
100°-350°F adjustable range  
Screw terminal connections  
On/off led  
Adjustable hysteresis  
Jumper for high/low control

### 703 "C" BRACKET



723111208

Finger adjustment  
24V power supply  
15 amp relay output  
-20°-150°F adjustable range  
Screw terminal connection  
On/off led  
Adjustable hysteresis  
Jumper for high/low control



7437211109

Screw driver adjustment  
120V power supply  
8 amp relay output  
100°-350°F adjustable range  
1/4" quick connects  
On/off led  
Adjustable hysteresis  
Jumper for high/low control

### 702 OPEN BOARD



7121111106

Potentiometer adjustment  
24V power supply  
15 amp relay output  
-20°-150°F adjustable range  
1/4" quick connects  
On/off led  
Adjustable hysteresis  
Jumper for high/low control



7423211607

Screw driver adjustment  
120V power supply  
15 amp relay output  
100°-350°F adjustable range  
6" wire leads  
No on/off led  
Adjustable hysteresis  
Jumper for high/low control

### 704 DIAMOND BRACKET



7141211104

Potentiometer adjustment  
24V power supply  
15 amp relay output  
100°-350°F adjustable range  
1/4" quick connects  
On/off led  
Adjustable hysteresis  
Jumper for high/low control



7447111210

Screw driver adjustment  
120V power supply  
8 amp relay output  
-20°-150°F adjustable range  
Screw terminal connections  
On/off led  
Adjustable hysteresis  
Jumper for high/low control

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DIVISION OF A.J. ANTUNES & CO.

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