



# DUAL SET POINT TEMPERATURE ALARM



A single sensor temperature alarm which features two separate color coded dial controls that allow the user to determine the high and low alarm set points from -10°F to +80°F (-25° to +30°C). The concealed "DELAY" - "NO DELAY" slide switch can be set for a one hour delay before alarm activation or for immediate alarm activation. Screw type connectors are provided for connection to a remote alarm system or a phone dialing unit. The TA6 probe wire may be cut in the field and extended up to 200 feet using any standard 22 gauge speaker wire.

## FEATURES

- Dual dial settings for high/low temperature alarm variables from -10°F to +80°F (-25° to +30°C)
- Concealed "DELAY" - "NO DELAY" alarm slide switch
- Remote alarm terminal connectors
- Power "ON" indicator light
- Audible alarm (beeper)
- Alert flashing warning light
- Reliable 120 Volt operation (no batteries required)
- Encapsulated sensor with 6 ft. cable
- Completely prewired for fast installation

## APPLICATIONS

- Refrigerators and freezers
- Walk in cold storage rooms
- Computer rooms
- Temperature sensitive areas

## MODEL NO.

TA6	120 VAC Fahrenheit Model
TA6C	120 VAC Celsius Model
TA6220	220 VAC Fahrenheit Model
TA6C220	220 VAC Celsius Model

## ACCESSORIES

SW25	25' Extension Wire
SW50	50' Extension Wire
SW75	75' Extension Wire
SW100	100' Extension Wire
ADTA	Phone Dialer

## SPECIFICATIONS

Power:	Adapter 120 VAC 12 VDC with 6 ft. cable included (220V available)
Probe:	Precision sensor with 6 ft. cable (20540)
Alarm Adjustment Range:	From -10°F to +80°F (-25° to +30°C)
Alarm:	Flashing LED, audible beeper, connections for remote accessories
Alarm Delay:	Choice 1 hour or instant alarm
Remote Connections:	Screw type, 120VAC, 5 Amps.
Operating Temperature Range:	+32°F to +130°F (+0°C to +54°C)
Mounting:	Flat Surface, external holes provided
Dimensions:	3" x 4 7/8" x 1 5/8"
Case:	Hi-impact thermoplastic



**SEALED UNIT PARTS CO., INC.**  
**PO BOX 21, 2230 LANDMARK PLACE**  
**ALLENWOOD, NJ 08720 USA**  
 Phone: 732-223-6644 • Fax: 732-223-1617  
[www.supco.com](http://www.supco.com) • [info@supco.com](mailto:info@supco.com)

Rev 052908  
 P/N 2021 6



DUAL SET POINT

# Temperature Alarm

120 VOLT OPERATION... NO BATTERIES REQUIRED

■ TA6  
 ■ TA6C



**SEALED UNIT PARTS CO., INC.**  
**PO BOX 21, 2230 LANDMARK PLACE**  
**ALLENWOOD, NJ 08720 USA**  
 Phone: 732-223-6644 Fax: 732-223-1617  
[www.supco.com](http://www.supco.com) • [info@supco.com](mailto:info@supco.com)



The TA6 is a single sensor temperature alarm which features individually adjustable over temperature and under temperature alarm set points. The Front Panel display shows Power "ON", Alert/Alarm Status and two color-coded scales for under and over temperature set points. A one hour Delay may be selected from a concealed slide switch. When this option is selected the Alert/Alarm light will flash on and off for an hour before an audible beeper is activated. High Current Dry Contacts are provided for connection to external remote devices.

**ON LIGHT** indicates power is supplied to the TA6. If at any time this light is not on, check the power source immediately.

**DELAY/NO DELAY SWITCH** located under the front cover (see illustration) allows selection of an immediate audible alarm response (NO DELAY) or a one hour hold (DELAY) before alarm activation.

**ALERT LIGHT** will flash on and off when temperature rises above or below the pre-set points. When the unit is set to the "NO DELAY" mode the alert light and the alarm will be activated at the same time. When set to the "DELAY" mode the alert light will flash but will not activate the alarm until one hour has passed. The alert light will automatically reset when the temperature returns within the alarm settings.

**AUDIBLE BEEPER** will sound when the temperature rises above or below the pre-set points. If the Delay feature is used this will happen ONE HOUR after the temperature has passed the upper or lower set points. If a remote device such as a dialer or remote alarm is attached to the TA6, it will be energized at the same time the audible beeper sounds. Note that the contacts on the TA6 are Dry Contacts and power for the remote device must be supplied externally. Under no circumstances should the audible beeper be ignored. This is a clear and unmistakable signal that the temperature is out of range, and immediate action is required.

**SENSOR EXTENSION** The TA6 sensor probe is designed to measure air temperature and may be mounted in any convenient location in the area to be monitored. The sensor probe may be extended up to 200 feet with any 24AWG stranded wire.

**REMOTE ALARM HOOK-UP** In addition to the self contained alarm system the TA6 features an internal relay with NO and NC contacts rated at 120VAC 5 AMPS. This allows even the largest remote alarm to be connected without the need of an external contactor.

## SPECIFICATIONS

### TA6 WARRANTY

LIMITED TO ONE YEAR FROM DATE OF PURCHASE

Sealed Unit Parts Co., Inc. warrants its products to be free from defects in materials and workmanship under normal use and service. Sealed Unit Parts Co., Inc. will repair or replace without charge any such products it finds to be so defective on its return to Sealed Unit Parts Co., Inc. The foregoing is in lieu of all other expressed or implied warranties, including those of merchantability or fitness for a particular purpose. The foregoing is also the purchaser's sole remedy and is in lieu of all other guarantees, obligations or liabilities or any consequential or incidental damages attributable to negligence or strict liability.

## SPECIFICATIONS

<b>Power:</b>	Adapter 120 VAC with 6 ft. cable included (220V available)
<b>Probe:</b>	Precision sensor with 6 ft. cable (20540)
<b>Alarm Adjustment Range:</b>	From -10°F to +80°F (-25° to +30°C)
<b>Alarm:</b>	Flashing LED, audible beeper, connections for remote accessories
<b>Alarm Delay:</b>	Choice 1 hour or instant alarm
<b>Remote Connections:</b>	Screw type, 120VAC, 5 Amps.
<b>Operating Temperature Range:</b>	+32°F to +130°F (+0°C to +54°C)
<b>Mounting:</b>	Surface, external holes provided
<b>Dimensions:</b>	3" x 4 7/8" x 1 5/8"
<b>Case:</b>	Hi-impact thermoplastic

