



THA2U

TEMPERATURE HUMIDITY ALARM

WITH LOGGING CAPABILITY

The THA2U is a multi-function product that monitors temperature, humidity and dew point, provides alarms for out of range conditions and continuously logs data.

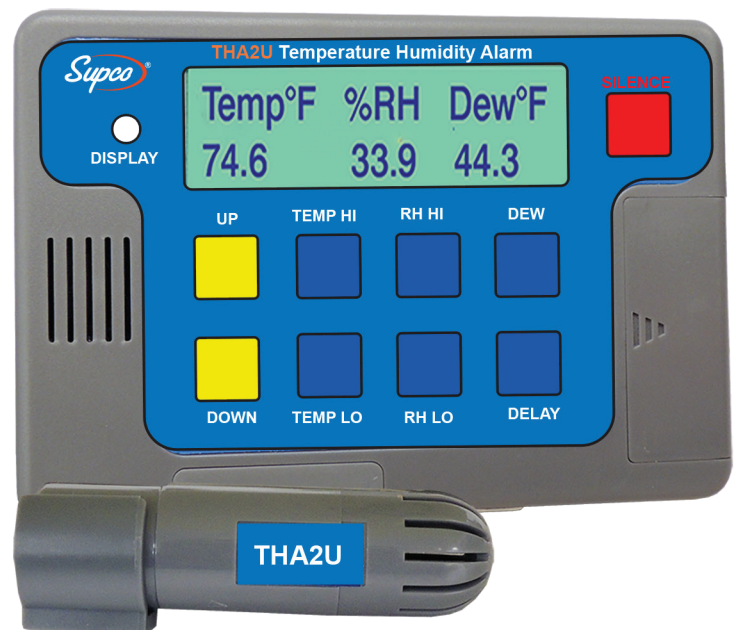
Benefits

Measures and Logs

- Temperature
- Humidity
- Dew Point

Features

- Audible and Visual Alarms
- Digital Display
- Log up to 170 Days of Data
- Relay Contacts for Remote Alarm or Auto Dialer (ADTA)
- PC Software Included
- USB Connection
- Remote Sensor up to 300 ft.



Applications

- Food Markets, Convenience Stores, Supermarkets
- Restaurants, Florists, Greenhouses
- Laboratories, Pharmaceutical Storage Facilities
- Refrigerated Transport, Cold Storage Facilities
- Computer Rooms

Accessories

20900	Probe Extension 15'
19994	THA2 Probe Extension 100'
19995	THA2 Probe Extension 300'
CRT	Power Adapter 12VDC/120VAC
THA2P	Temperature Humidity Probe



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Specifications

Stand alone front panel operation, with user lockout for security. PC software is provided with the unit for viewing data history.

Sensor Probe	
Operating Temperature Range	-40°F to 140°F (-40°C to 60°C)
Operating Humidity Range	0 to 90% RH
Temperature Accuracy	+/- 2°F (+/- 1°C)
Temperature Resolution	0.1°F or °C
Humidity Accuracy	+/-2% RH
Humidity Resolution	0.1% RH
Calibration	User calibration for temperature and humidity
Dimensions	3.8 inches length with a diameter of 1.1 inches
Weight	0.9 oz.
Cable Length	300 ft. maximum
Base Unit	
Operating Temperature Range	32°F to 130°F (0°C to 54°C)
Storage Temperature	0°F to 130°F (-18°C to 54°C)
Operating Humidity	0 to 90% RH
Power Source	12V to 24 VAC/VDC, 0.78W alarm active
Battery Backup	9V alkaline battery for 25 hours operation during power outage
Block Battery	CR2032, 10 years typical
Relay	N.O and N.C. dry contact 5A 250V, resistive load
Dimensions	5.5" x 4.5" x 1.6"
Weight (without battery backup)	8.6 oz.
Alarm Specifications	
Temperature Alarm	High and low temperature and humidity alarms. Condensation alarm
Alarm Delay	User selectable, up to 2 hours
Alarm Indication	Audio, visual and a relay for remote alarm and phone dialer
Logging Specifications	
Sample Rate	1 second to 30 minutes
Data History Storage	2 hours to 170 days, depending on the sample rate
Memory Capacity	8150 samples for temperature, humidity and dew point

* The sensor probe is not designed for continuous exposure to high humidity or caustic and/or corrosive chemicals such as, but not limited to, concrete or chlorine