

Temperature Alarms & Controls



THA2 Temperature Humidity Alarm with logging capability

The THA2 is a multi-function product that monitors Temperature, Humidity and Dew Point, provides alarms for out of range conditions and continuously logs data. No computer setup is needed.

Benefits

Measures and Logs

- Temperature
- Humidity
- Dew Point

Applications

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

Features

- Audible and Visual Alarm for Temperature, Humidity and Dew Point (condensation)
- Digital Display
- Log up to 170 Days of Data
- Relay Contacts for Remote Alarm or Auto Dialer (ADTA)
- PC Software Included
- Serial Port Connection (for USB connection use optional USBS adapter)
- Remote Sensor Up to 300 ft

REPLACEMENT PROBE

THA2P 15' Cable Length

ACCESSORIES

19994 100' Cable Extension

19955 300' Cable Extension

THA2 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 95% RH, non condensing
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"L x 1.1"D
Weight	0.9 oz.
Cable Length 15' Included	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% RH to 95% RH, non condensing*
Power Source	12V to 24 VAC/VDC, 0.78W alarm active
Battery Backup	9V alkaline battery for 35 hours operation during power outage
Clock 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.



ADTA Auto Dialer For Temperature Alarms

- Call up to 4 telephone numbers
- 16 second message
- Non-Volatile memory for numbers and voice message
- Internal 9V back up battery (not included)
- LCD display
- 120V power adapter (included)

Temperature Alarm Accessories

Temperature Alarm Accessories

		TA2	TAL2	TA4	TA6	TA7	TA3	TAP4								
SW25	25' Extension Wire	*	*		*	*		*	11093	Probe w/ 6' extension wire	*					
SW50	50' Extension Wire	*	*		*	*		*	TA7PROBE	Probe w/ 4' extension wire				*		
SW75	75' Extension Wire	*	*		*	*		*	14265	Replacement Sensor		*				*
SW100	100' Extension Wire	*	*		*	*		*	USBS	USB to Serial Interface		*				
TCW25	25' Type J Thermocouple Wire				*			*	13495	Serial Port Cable		*				
TCW50	50' Type J Thermocouple Wire				*			*	ADTA	Auto Dialer	*	*	*	*	*	*
TCW75	75' Type J Thermocouple Wire				*			*	14263	120 V Power Adapter (Supplied)	*			*		*
TCW100	100' Type J Thermocouple Wire				*			*	20540	Replacement Sensor	*			*		
TA3P	Probe w/ 6' Type J Thermocouple Wire							*		6' new style metal tip (after serial #) 405-099				412-029		