

TRACEABLE® MEMORY HUMIDITY/THERMOMETER METER INSTRUCTIONS

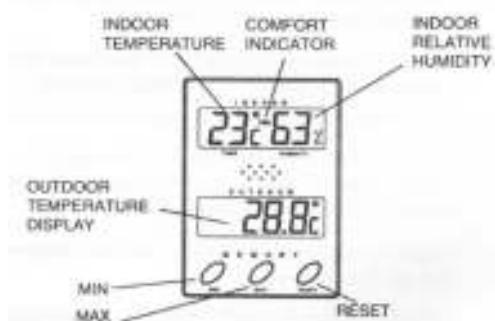
SPECIFICATIONS

Temperature Range:	32 to 122°F (0 to 50°C)
(unit: ambient sensor)	
Temperature Range:	32 to 122°F (0 to 50°C)
(probe: external sensor)	
Ambient Resolution:	1°C
External Resolution:	0.1°
Humidity Range:	25% to 95%RH
Resolution:	1%RH
Humidity sampling rate:	10 seconds
Power source:	AA batteries (2)
Battery life:	Approx. 1 year
Size:	6 x 3¼ x ½ inches
Weight:	6 ounces

FEATURES

1. Display shows indoor, outdoor temperature and indoor relative humidity simultaneously.
2. Comfort level indicator, monitors the indoor condition on both temperature and humidity factors.
3. Memory function to recall and display the previous maximums and minimums outdoor temperature.
4. Temperature compensation feature assures accurate relative humidity measurement without affecting by temperature change.
5. Wall mount cabinet design.

DISPLAY AND FUNCTIONS



GENERAL OPERATION

This Thermo-Hygrometer measures and displays the indoor temperature and indoor humidity simultaneously.

This Thermo-Hygrometer measures and displays the current outdoor or the recorded maximum/minimum outdoor temperature.

Note: When the outdoor temperature is outside the measuring range, LLL appears on the display (–50°C or –58°F) or HHH appears on the display (above 70°C or 158°F)

When the indoor temperature is outside the operating range, fades out on the display (below 0°C or 32°F) or blacks out on the display (above 50°C or 122°F).

This Thermo-Hygrometer will continue to record the indoor/outdoor temperature changes, no matter if it is displaying the current, maximum or minimum temperature reading.

HOW TO RECALL THE STORED OUTDOOR TEMPERATURE MEMORIES

The outdoor temperature reading is stored constantly during last reset. It can be recalled and displayed for your reference.

To recall the Maximum temperature, press the [MAX] button once. To return to current temperature, press the [MAX] button once again. To recall the Minimum temperature, press the [MIN] button. To return to the current temperature, press the [MIN] button once again.

HOW TO CLEAR THE STORED MAX/MIN OUTDOOR TEMPERATURE MEMORIES

To clear the Maximum temperature, press the [MAX] button once, then the [RESET] button. This clears the maximum memory to the current temperature.

Press the [MAX] button to return to the current temperature.

To clear the Minimum temperature, press the [MIN] button once, then the [RESET] button. This clears the minimum memory to the current temperature.

HOW TO READ THE RELATIVE HUMIDITY AND COMFORT INDICATORS

The unit shows the indoor relative humidity and such reading is temperature compensated. The comfort indicators - **COMFORT**, **WET** or **DRY** will display if the indoor environment becomes comfortable, too wet or too dry.

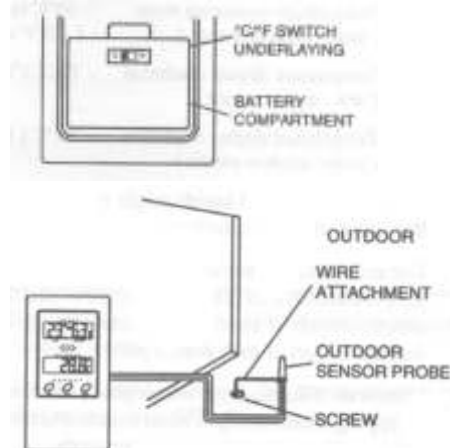
The comfort indicators will appear on the display when the following conditions are satisfied:

COMFORT	20 to 25°C (68 to 77°F) 40% RH to 70% RH
WET	Full Temperature Range OVER 70%RH <i>Contains excess moisture</i>
DRY	Full Temperature Range Below 40%RH <i>Contain inadequate moisture</i>

NO INDICATOR Below 20°C (68°F) or Above 25°C (77°F) 40% RH to 70%RH

HOW TO SELECT THE TEMPERATURE UNITS OF MEASURE

The switch is located inside the battery compartment, it selects between degrees Celsius and Fahrenheit. To select Celsius units, set the switch to °C. To select Fahrenheit units, set the switch to °F.



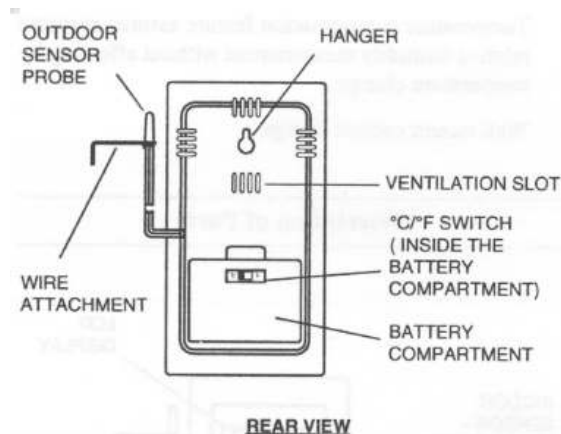
MOUNTING THE EXTERNAL TEMPERATURE SENSOR

1. Drive a screw (not included) into the wall, at the location that the external sensor probe wire will be attached.
2. Route the external sensor probe cable through a window.
3. Mount the external sensor probe into wire attachment.

WALL MOUNTING

The unit may be mounted on the wall by using a screw (not included) with the screw head extending about 3.5 mm from the wall.

Notes: For accurate measurement, you should mount the Thermo-Hygrometer in an area where air can flow freely around it.



INSTALLING AND REPLACING THE BATTERY

The Thermo-Hygrometer uses two 'AA' size batteries. If the display becomes dim, removes the exhausted batteries and follow these steps to install or replace the batteries:

1. Open the battery chamber cover on the back of the unit.
2. Insert the batteries as indicated by the polarity symbols (+ and —) marked inside the battery compartment.
3. Replace the battery cover.

Notes:

After you install or replace the batteries, it takes time to reset both the temperature and humidity data. The display will show "---" for 1 to 2 seconds, then shows the updated temperature and humidity reading.

WARRANTY, SERVICE, OR RECALIBRATION

For warranty, service, or recalibration, contact:

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Control Company is ISO 9001 Quality-Certified by DNV and ISO 17025 accredited as a Calibration Laboratory by A2LA.