

SPECIFICATIONS

TEMPERATURE RANGE	-30° to +130° F (-34° to +54° C) DO NOT USE FOR MONITORING FREEZERS
TEMPERATURE ACCURACY	-30° to +130° F (-34° to +54° C) ± 3° cf indicated temperature
TEMPERATURE RESPONSE TIME	Shift from 0° to +70°F (-18° to +21°C) approximately 4° per minute in well stirred air
CONTACTS	Plating: Gold Type: Dry Contact Voltage Ratings: 12 VDC at 50 mA (max) (DO NOT USE for 110 VAC, high voltage or high current.)
PRODUCT WEIGHT	12 ounces (.34 Kg)
SHIPPING WEIGHT	16 ounces (.45 Kg)
DIMENSIONS	6¼" x 3¾" x 1" (15.9cm x 9.5cm x 2.54cm)
MOUNTING	Keyslot mounting holes, template & 2 screws
WARRANTY	One Year Limited Warranty

Important: When protecting any building against freeze damage always install at least one Temp°Alert® on each level of the building.

Important: Do not install the Temp°Alert® in a cooler or freezer. Frost or moisture build-up can cause the unit to malfunction. Instead use a Winland electronic Temp°Alert® with remote probe for freezer applications.



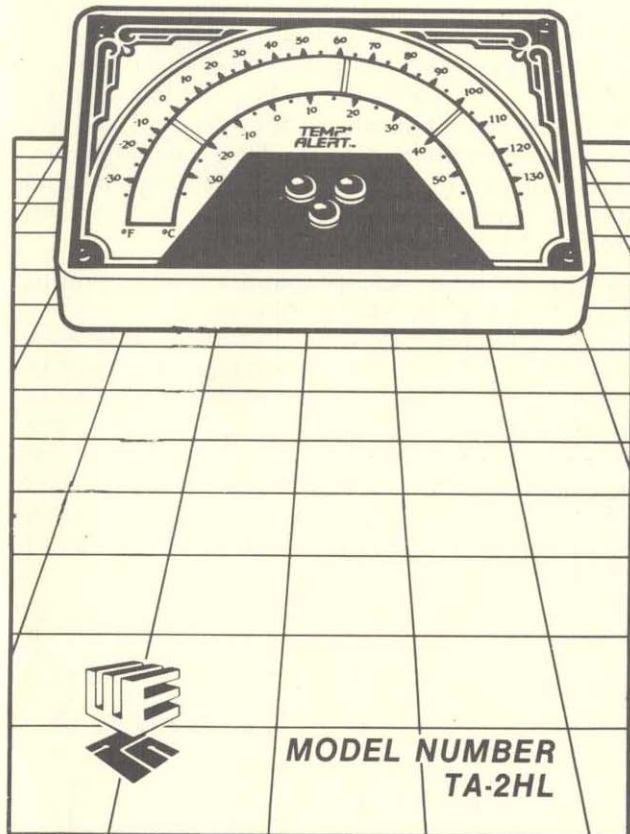
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TEMP° ALERT™

INSTALLATION/OWNERS MANUAL



**MODEL NUMBER
TA-2HL**

TEMP^o ALERT™

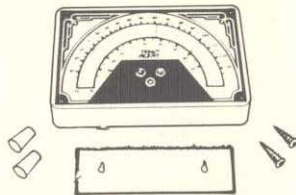
INTRODUCTION

Thank you for your purchase of the Winland Temp-Alert. Your new Temp-Alert temperature sensor has been designed for reliable monitoring of areas where high and low temperature limits are critical. Temp-Alert measures temperatures from -30° to $+130^{\circ}\text{F}$ (-34° to $+54^{\circ}\text{C}$). This unit will separately zone out high and low temperature alarm signals. This unique feature enables you to instantly identify whether your facility being monitored has a high or low temperature condition.

Simply select an acceptable temperature range by setting the adjustable high and low limit arms. If the temperature in the monitored area rises or falls below the preset limits, the temperature indicator will contact one of the preset limit arms. This completes the circuit and provides you with a dry contact alarm signal. This alarm signal may be used to activate alarm systems, telephone dialers, or other remote warning devices. Temp-Alert is the ideal addition for a complete security system.

Make sure the package you purchased includes the following:

- Temperature Sensor with 15 foot connecting cable
- Two mounting screws and plastic anchors
- Mounting template (attached to the manual)



LOCATION

It is impossible to precisely specify the location and number of Temp-Alerts to install because a number of variable factors must be taken into account. Room size, effectiveness of the ventilation system, and critical monitoring areas must all be considered. If the building already has an energy management system, an easy rule of thumb to follow is to install a Temp-Alert near each thermostat. It should be mounted on a wall or vertical surface in the area where temperature is to be monitored. Make sure it is well clear of windows or heat sources that could cause an inaccurate reading of air temperature.

INSTALLATION

You will need a standard screwdriver, and a 11/32" wrench to install and set the Temp-Alert.

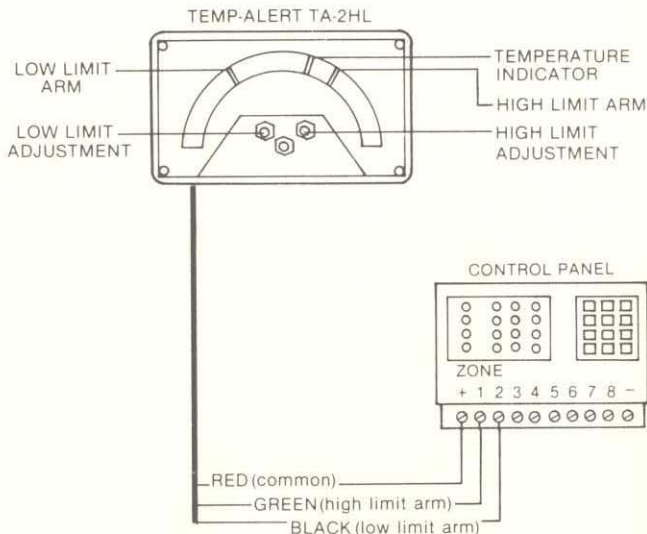
Step 1

Using the attached template, mark the position of the screw holes on the vertical surface you wish to mount the Temp-Alert to. Drive the screws (using anchors if required) in your mounting surface, allowing approximately 3/16" between the screw head and the mounting surface. Engage key slots on the back of the Temp-Alert case with the screw heads and press down.

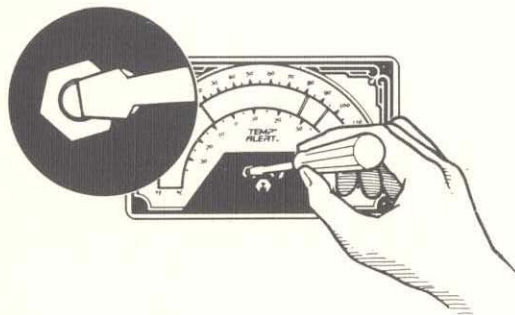
Step 2

To complete installation, simply attach the connecting cable to any two open zones on an alarm panel, telephone communicator, wireless transmitter, etc. For the proper wiring sequence, please refer to the illustration on the following page.

If desired, the green and black wires on the signal cord may be connected together under a single zone. This procedure is useful whenever a limited number of open zones are available and you do not wish to differentiate between a high or low temperature problem.

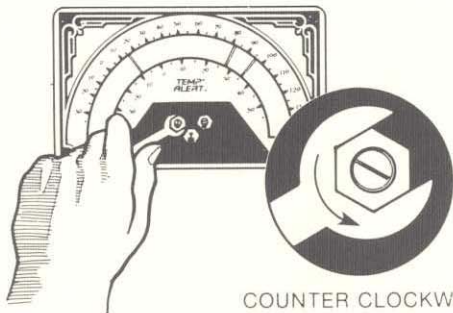


Use a screwdriver to set the limit arm to the desired temperature limit. Make sure you retighten the locknut when you have your desired limit. The Temp-Alert will not function properly if the lock nut is not retightened. (Avoid over-tightening of the locknut).

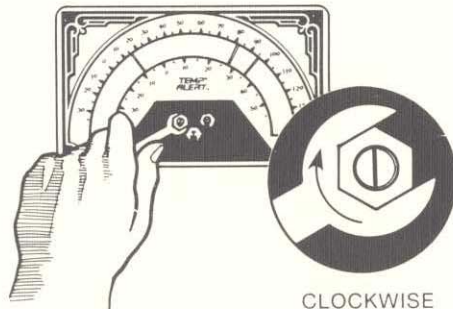


SETTING THE TEMPERATURE LIMITS

Each limit arm is controlled by an adjustment screw. To set a limit arm, remove the two vinyl nutcovers and simply loosen (slightly) the appropriate lock nut with a 11/32" wrench.



TO INSURE PROPER OPERATION TEST UNIT WEEKLY



OPERATION AND TESTING PROCEDURES

For proper operation, the Temp-Alert must be located in an area where the temperature range is within -30° to $+130^{\circ}\text{F}$ (-34° to $+54^{\circ}\text{C}$). Temperatures outside this range or excessive moisture in the area monitored, could cause the unit to malfunction.

To manually activate the Temp-Alert for testing, loosen the locknut of one limit arm and use a screwdriver to move the arm into contact with the temperature indicator. If installed correctly, this test procedure should activate the warning device which Temp-Alert is connected to. After testing, reset the limit arm and tighten the locknut.

RECALIBRATION

Occasionally during shipping or handling, the Temp-Alert may be knocked out of calibration. To adjust the indicator arm several degrees higher, use an $11/32''$ wrench on the center locknut and turn it slowly clockwise. To adjust the indicator arm so that it reads a lower temperature, remove the faceplate by removing the four corner screws. Then loosen the center locknut and adjust the arm to the desired position. When doing this, be careful not to handle the thermospring or the metal part of the faceplate with bare hands, as this can warm the thermospring and cause an incorrect setting.

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ONE YEAR LIMITED WARRANTY

Winland Electronics, Inc. warrants that each product of its manufacture is free from defects in material and factory workmanship, when properly installed and operated under normal conditions according to the manufacturer's instruction.

Manufacturer's obligation under this warranty is limited to correcting, without charge, at its factory any part or parts thereof which shall be returned to the factory, by the original retail purchaser, transportation charges prepaid, within one year after purchase and which upon examination shall disclose to the manufacturer's satisfaction to have been originally defective. Correction of such defects by repair to, or supplying of replacements for defective parts shall constitute fulfillment of all obligations to purchaser. Repair service performed by the manufacturer after one year from date of purchase will be for a reasonable service charge.

This warranty shall not apply to any of the manufacturer's products which have been subject to misuse, negligence or accident or which shall have been repaired or altered outside of the manufacturer's factory. Warranty is void if housing or cover is removed.

Manufacturer shall not be liable for loss, damage, or expense directly or indirectly from the use of its product or from any other cause.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE ARE EXCLUDED, AS ARE ALL OTHER REPRESENTATIONS TO THE USER - PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES, INCLUDING LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF THE MANUFACTURER OR THE SELLER.

No person, agent or dealer is authorized to give any warranties on behalf of the manufacturer nor to assume for the manufacturer any other liability in connection with any of its products.
