



TEMP°ALERT®

Fixed Set Point Temperature Alert (40 °F)



This Package Contains:

- 1 TA-40
- 1 Mounting Kit (2 screws and 2 anchors)
- 1 Product Guide

Features:

- Set point monitoring to warn of freezing temperatures
- Connects to most hardwire or wireless alarm systems
- Small size for unobtrusive appearance
- Normally Closed ("N.C.") device
- Do **NOT** put the TA-40 device into a cooler/freezer environment. Use EnviroAlert Professional® or EnviroAlert® with a hardwired sensor for cooler/freezer environments.

Note:

- Do **NOT** place any Temp°Alert® in a cooler/freezer. Frost buildup and moisture can cause the device to malfunction.
- Test device weekly to ensure proper operation.

Specifications:

Power Requirements	No power required to operate
Contact Rating	24V DC/AC =<200mA
Fixed Setting	N.C. >39.5 °F (>4.2 °C)
Temperature Accuracy	±5.4 °F (±3.0 °C)
Outputs	N.C. dry contacts. NOT for high voltage use
Weight	3oz (85.0g)
Dimensions	2.5" x 0.8" x 0.55" (6.4cm x 2.0cm x 1.4cm)
Mounting	Two screw holes



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Introduction:

Thank you for your purchase of the Winland Temp°Alert® model TA-40. Your new Temp°Alert® has been designed for reliable monitoring of areas where low temperature limits are critical. Temp°Alert® monitors and activates when the temperature drops below 39.5 °F (4.2 °C).

Location:

It is difficult to precisely specify the location or quantity of TA-40's to install. A few factors such as room size, effectiveness of the ventilation system, and the likelihood of freezing should be considered. If the building already has an energy management systems, an easy rule of thumb is to install a TA-40 near each thermostat. When protecting a building against freeze damage, always install at least one Temp°Alert® on every level of the home or business.

Installation/Items Needed:

- Standard or Philips Screwdriver
- Quantity of two (2) #6 screws
- 18-22 AWG twisted pair wire

Step 1:

Use the base of the TA-40 as a template and mark the position of the screw holes. Drill pilot holes if necessary. Align the TA-40 with mounting holes and install the screws. Do not fully tighten screws at this time.

Step 2:

Connect the TA-40 to your warning device by attaching an 18-22 AWG twisted pair cable to the terminals. Slide the cover on and finish tightening the mounting screws.

Operation and Testing Procedures:

The TA-40 must be in an area where the temperature range is within -40 to +212 °F (-40 to +100 °C). Contacts will remain closed at temperatures above 39.5 °F (4.2 °C). If the temperature drops below 39.5 °F (4.2 °C) the contacts will open to activate any hardwire alarm or wireless transmitter. The tolerance on this temperature switch is ± 5.4 °F (± 3.0 °C).

To manually activate the TA-40 for testing purposes, place the device in a freezer for 10 minutes. Remove the TA-40 from the freezer; test the contacts with an ohmmeter to confirm they have opened.

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Winland Electronics, Inc. ("Winland") warrants to the original purchaser from Winland that each product of Winland's that it manufactures shall be free from defects in material and factory workmanship for a period of one (1) year from the date of purchase, when properly installed and operated under normal conditions according to Winland's instruction.

Winland's obligation under this limited warranty is limited to correcting the product without charge, at its factory any part or parts thereof which are returned, transportation charges prepaid, to the factory within one year of the date of purchase subject to Winland's examination showing to Winland's satisfaction to be covered by this warranty.

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