

ColdSNAP Descending Temperature Recorders – Overview

Telatemp's ColdSNAP Descending Model will permanently record a critical descending temperature

The Telatemp ColdSNAP Descending Temperature Recorder will monitor your perishable products in transit or storage by recording exposure to a critical cooling event. Available in models from -20°C to +15°C, the rugged all-mechanical plastic-housed recorder has a self-adhesive backing and long storage life. This unique patented Telatemp design eliminates delicate chemical sensors, fragile glass and requires no batteries.

The ColdSNAP Recorder has a $\pm 2^{\circ}\text{C}$ accuracy bimetallic sensing element that snaps at its rated cold temperature, permanently turning the indicating window from clear to bright red.

To use, allow the sensor to stabilize at the product temperature at least 10°C above the ColdSNAP rated temperature. To activate, the plastic tab is pulled straight out (do not bend or break off).

Description

- 1.38" x .69" x .22" (35 x 18 x 6mm)
- Length with activation tab: 2.13"
- Weight: 0.15 oz
- All-mechanical, plastic-housing
- ColdSNAP descending temperature window



Packaging

- Heat-sealed polyvinyl 20 /pack
- Lot numbered
- Includes instruction card

Components

- Injection molded plastic housing with activation tab
- Calibrated bimetal thermostatic sensing element
- Stainless steel spring
- Double-sided self-adhesive backing on release liner

Product Performance

- Records cooling below the rated temperatures $\pm 2^{\circ}\text{C}$
- The red painted bimetal sensor changes shape and becomes visible in the indicator window
- Store at least 10°C above the activation temperature, not to exceed 30°C
- Precondition at least 10°C above the activation temperature before tab is pulled

SHELF LIFE: 2 years from date of shipment when stored at the preconditioning temperature and 6 months when stored within 10°C of the response temperature.

SHIPMENT: No special packaging required for shipment.

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WARRANTY: The following is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness of purpose: Seller’s and manufacturers only obligation shall be to replace such quantity of the product proved by Telatemp Corporation to be defective.

LIMITATION OF LIABILITY: All physical properties, statements, and recommendations are either based on tests we believe to be reliable or our experience, but they are not guaranteed. Telatemp Corporation recommends each user determine the suitability of the products for the intended application. Telatemp Corporation shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory.

Coldsnap Temperature Recorder Specifications

Descending Accuracy	± 2°C of rated value.
Shipping	No special packaging required for shipping.
Shelf Life	24 months when stored at least 10°C above the activation temperature, not to exceed 30°C.
Materials	Polystyrene case with metal thermostatic sensing element.
Adhesive	Double-sided self adhesive backing on release liner.
Packaging	Heat-sealed polyvinyl sleeves of 20 pieces, lot numbered with instruction card.
Dimensions	1.38 x 0.69 x 0.22 in. (35 x 18 x 6mm).
Length with activation tab	2.13 in.
Activation	Pull tab straight out laterally, do not bend or break off.
Weight	0.15 oz.

Available Temperature Selections

Critical Descending Temperature	Model Number
-20°C	CT-20C-D
-10°C	CT-10C-D
-5°C	CT-5C-D
0°C	CT0C-D
+2°C	CT2C-D
+5°C	CT5C-D
+10°C	CT10C-D
+15°C	CT15C-D