

TAYLOR
WEATHER - HAWK
RECORDING THERMOMETER
No. 2354

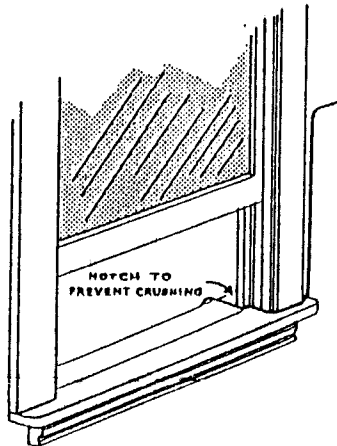
The Weather- Hawk Recording Thermometer is an instrument which senses the outdoor temperature and transmits this information to a chart conveniently located indoors. This chart records a permanent record of the temperature variations, hour by hour, for future inspection.

The system consists of a gas filled Bourdon spring connected to the temperature sensing bulb by a 40' capillary. Movement of the Bourdon spring, caused by a change in gas pressure, actuates a pen arm which traces the record of the temperature on the chart.

The chart, mounted on an electrically driven drum, records a seven day period of temperature changes. It is divided horizontally into five significant temperature zones, distinguished by color bands for convenience in reading.

The record traced by the pen will show at any time the present temperature, as well as all changes which have occurred during the week to date and the hours at which the changes took place.

INSTALLATION: Select a location where the bulb and capillary may be led outside, as through a window opening. The location should not expose the bulb to direct sunlight. NOTE: The capillary must not be cut, sharply bent or crimped. If clearance is required, a small groove may be cut in the frame or sash of the window. Attach the bulb by means of the bracket provided.



PREPARE FOR OPERATION:

1. Remove the tissue from the pen arm by turning the acorn nut in a clockwise direction. Replace nut finger tight. Whenever making a change in drum position always loosen the nut first.

2. Although the unit has been calibrated at the factory, a slight shift may have occurred during shipment. The calibration may be checked conveniently by using an ice bath. Prepare the ice bath by filling a quart jar with crushed ice and adding water until the level is just below the ice surface. Immerse the bulb in this mixture, allow to stabilize for about five minutes and then trim adjust to 32°F by using the threaded screw.
3. Turn drum so that the pen point rests at the proper day and hour position. Carefully fill the pen point with the ink provided. Do not overflow. To start ink, draw a fine piece of paper through the slot in the pen point.
4. Plug unit into 110volt 60 cycle outlet.

TO CHANGE CHART: Remove acorn nut and lift drum off support rod. Remove chart from drum by inserting small penknife under chart and slicing along scored line. To replace chart, wrap around drum evenly, moisten adhesive and apply overlap so that horizontal lines coincide at point of juncture. Return drum to rod and tighten nut hand tight. If drum is turned by hand to bring proper hour line under pen point, do so in counter-clockwise direction only. Allow approximately fifteen minutes for take-up of gear train, and then check actual time on chart.

REPAIRS: No adjustments or repairs should be required other than specified above. For further adjustment, contact our Customer Service Department.

REPLACEMENT SUPPLIES:

Chart No. 132, Dual Chart - Fahrenheit and Celsius on opposite sides. 52 per box.

Chart ink No. 96S130 - one bottle.

May be ordered from your dealer or from us.