



Instructions

COMPACT TEMPERATURE RECORDER

HCL #8258 & 8259



Sales & Distribution by Health Care Logistics, Inc.

Temperature Recorder

Your recorder is shipped with the following items:

1. 5 Fahrenheit charts
5 Celsius charts
2. One "AA" alkaline battery
3. One Operation Manual
4. 1 - Red Recording Pen

Installation

Your portable recorder can be placed almost anywhere. Be sure the recorder is vertical and level, whether mounting to the wall or placing on a surface. For best performance and longevity, location should be in a clean environment – free from dust and corrosive fumes. Do not exceed temperature and specifications.

Specifications

Temperature Sensor:

Precise spiral-wound
bi-metallic strip transducer

Pen Accuracy:

±2% full scale

Recording Time:

7-day or 24-hour recorder

Chart size:

3" (76 mm) diameter

Ambient Operating Range:

HCL #8258: +4° to 50°F (-15° to +10°C)

HCL #8259: +50° to 96°F (+10° to 35°C)

Power Supply:

One "AA" alkaline battery

Dimensions:

3⁷/₁₀"H x 3³/₁₀"W x 2¹/₅"D

(94mm x 94mm x 56mm)

Weight:

8 oz. (227g)

Chart Movement:

Battery operated

Battery Life: One year

Calibration

Your recorder was carefully tested and calibrated to factory specifications before being shipped. If your recorder indicates an obviously incorrect reading, check the chart you are using. Appropriate charts must be purchased to match the recording time (24 hour or 7 day) and the correct temperature range (Fahrenheit or Celsius).

Should recalibration become necessary, contact Dickson, 930 South Westwood Ave, Addison, IL 60101. Phone 1-800-323-2448 and FAX 1-800-676-0498 for a Return Authorization Number (RMA) and further instructions on returning the unit. The Dickson model number and serial number are required for proper calibration. HCL #8258 and #8259 are Dickson models #SC3.

Operation and Maintenance

Recording Times: Self-contained temperature recorders are available in 7-day or 24-hour configuration. A toggle switch on the back of each unit allows the recording mode to be changed from 24-hour to 7-day recording or vice versa.

Locking Door: To open the door simply pull on the raised sections located on either side of the unit.

Recording: Place your Temperature Recorder where you want to record. Remove pen cap from pen tip and place on pen cap holder below the recording chart.

Power Source: Battery drives are designed to run approximately one year between battery changes. Replace with "AA" size alkaline battery.

Replacement Items

#8260 Replacement Charts for 8258 Temperature Recorder, Fahrenheit reading, 60/pkg.

#8270 Replacement Charts for 8258 Temperature Recorder, Celsius reading, 60/pkg.

#8261 Replacement Charts for 8259 Temperature Recorder, Fahrenheit recording, 60/pkg.

#8271 Replacement Charts for 8259 Temperature Recorder, Celsius reading, 60/pkg.

#8203 Replacement Pen Pack for 8258 and 8259, 6 red recording pens

Note: Replace pen cap when recorder is not in use.

Paper Chart Installation

Use the following procedure to install or replace a chart in the recorder.

1. Press the raised ends located on either side of the case lid to remove the lid.
2. Replace the pen cap on pen from the pen cap holder below the recording chart. Remove the recorded chart if present.
3. Place a new chart on the chart hub, making sure that the center strip is intact.
4. Set the time by inserting a coin into the chart hub (pen screw) and turning clockwise to the correct time (and day for 7-day units) relative to the time index clip located at the middle right hand side of the recorder.
5. Remove pen cap from pen and put it on pen cap holder below the recording chart.
6. Replace the lid. At the end of one cycle (24 hours or 7 days, depending on your recorder), simply repeat steps 1-6, replacing the used chart with a new one.

Pen Installation

Disposable fiber-tipped pens are installed in this recorder. The pens have a self-contained ink supply and are housed in a replaceable cartridge. Normally, a new cartridge pen will give many months of recording, depending on usage. When replacement becomes necessary, use the following procedure.

1. Carefully lift the pen arm.
2. While holding the pen arm, use your thumb and forefinger to grasp the pen cartridge by the finger grips near the tip of the pen.
3. Gently slide pen cartridge straight off pen arm.
4. With the pen tip facing the chart, thread a new pen cartridge onto the pen arm. Slide the pen cartridge back until you feel the notch in the pen arm seat securely around the plastic cartridge of the pen tip.
5. Lower the pen on the chart.
6. If the pen arm is bent in the process, carefully bend the arm back so the pen contacts the paper.
7. Remove the pen cap and store on the pen cap holder on the lower part of the unit.

Quick Start

1. These recorders come with 1 AA battery installed.
2. Set switch on back of unit to the appropriate motorspeed: 7 day or 24 hour.
3. Replace chart paper, with a new chart.
4. Set the time by inserting a coin into the chart hub and turning clockwise until the correct hour is referenced by the time indicator. (Time indicator is directly to the right and below the pen tip.)
5. Remove protective pen cap.
6. The chart movement is self-starting and runs continuously. Allow unit to stabilize in environment for 15 minutes.