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› Supco CR87-9 6-inch Circular Chart Recorder Paper Instruction Manual

## Supco CR87-9

# Supco CR87-9 6-inch Circular Chart Recorder Paper Instruction Manual

### INTRODUCTION

This manual provides essential instructions for the proper use and handling of Supco CR87-9 6-inch Circular Chart Recorder Paper. This paper is designed for compatibility with Supco chart recorders, specifically the CR87B and CR87J series, to accurately record temperature data over a 7-day period within a range of 50 to 120°F.

### PRODUCT OVERVIEW AND FEATURES

The Supco CR87-9 chart paper is a critical component for maintaining accurate records in compatible circular chart recorders. Each pack contains 60 sheets, ensuring a consistent supply for continuous monitoring.

- Specifically designed for Supco brand chart recorders.
- Compatible with CR87B and CR87J series recorders.
- Circular chart type with a 6-inch diameter.
- Records data over a 7-day period.
- Temperature range: 50 to 120°F.
- Supplied in packs of 60 sheets.



*This image displays a Supco circular chart recorder, illustrating how the CR87-9 chart paper is positioned within the device for temperature recording. The recorder features a digital display showing '18' and a pen arm tracing data on the circular chart.*

## INSTALLATION INSTRUCTIONS

Follow these steps to correctly install the CR87-9 chart paper into your compatible Supco circular chart recorder:

1. **Power Off:** Ensure the chart recorder is powered off before attempting to change the chart paper.
2. **Open Recorder:** Carefully open the front cover of the chart recorder to access the chart plate.
3. **Remove Old Paper:** If old paper is present, gently remove it, detaching any pens from the paper surface.
4. **Position New Paper:** Place a new sheet of CR87-9 chart paper onto the chart plate, aligning the center hole of the paper with the spindle on the recorder. Ensure the paper lies flat and is correctly oriented according to the recorder's design (e.g., time markings aligned with the current time).
5. **Attach Pen(s):** Carefully re-attach the recording pen(s) to the chart paper, ensuring they make proper contact without excessive pressure.
6. **Close Recorder:** Close the front cover of the chart recorder securely.
7. **Power On:** Power on the chart recorder. Verify that the chart paper is rotating correctly and the pen(s) are tracing accurately.

## OPERATION GUIDELINES

Once the chart paper is installed, ensure optimal recording by observing the following:

- **Pen Contact:** Verify that the recording pen(s) maintain consistent contact with the chart paper without dragging or skipping. Adjust pen pressure if necessary, following your recorder's specific instructions.
- **Time Alignment:** Periodically check that the chart paper's time markings align with the actual time to ensure accurate data correlation.
- **Environmental Conditions:** Ensure the recorder operates within its specified environmental conditions to prevent damage to the paper or inaccurate readings.
- **Regular Monitoring:** Routinely check the chart paper for proper rotation and pen function, especially during critical

monitoring periods.

## CARE AND MAINTENANCE

Proper care and storage of your CR87-9 chart paper will ensure its longevity and accuracy:

- **Storage:** Store unused chart paper in its original packaging in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Handle chart paper by the edges to avoid fingerprints, creases, or damage to the recording surface.
- **Expiration:** While chart paper does not typically expire, prolonged exposure to adverse conditions can affect its quality. Use within a reasonable timeframe after purchase.

## TROUBLESHOOTING COMMON ISSUES

If you encounter issues related to the chart paper, consider the following:

- **Paper Not Rotating:** Ensure the paper is correctly seated on the spindle and the recorder's motor is functioning. Check for any obstructions.
- **Pen Not Recording:** Verify the pen is properly attached and has sufficient ink (if applicable). Check pen pressure and ensure it makes proper contact with the paper.
- **Inaccurate Readings:** Confirm that the correct chart paper type (CR87-9) is being used for your recorder model and application. Ensure the recorder itself is calibrated.
- **Paper Jams/Creases:** Ensure the paper is loaded flat and without wrinkles. Inspect the recorder for any internal components that might be catching the paper.

## PRODUCT SPECIFICATIONS

|                    |                                |
|--------------------|--------------------------------|
| Brand              | Supco                          |
| Model Number       | CR87-9                         |
| Chart Type         | Circular                       |
| Chart Diameter     | 6 inches                       |
| Chart Speed        | 7 Day                          |
| Temperature Range  | 50 to 120°F                    |
| Quantity per Pack  | 60 sheets                      |
| Material           | Paper                          |
| Recommended Use    | Scientific/Technical Recording |
| Package Dimensions | 6.42 x 6.3 x 0.67 inches       |

|                |            |
|----------------|------------|
| Package Weight | 6.7 ounces |
|----------------|------------|

## WARRANTY AND SUPPORT

The Supco CR87-9 Chart Paper comes with a **1-year guarantee**. For any questions regarding product compatibility, installation, or performance, please contact your Supco product supplier or refer to the documentation provided with your Supco chart recorder.

For further assistance, please visit the official Supco website or contact their customer support.

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