

Quick Start

Initial Setup - Set the Time

1. Insert the supplied flash drive into your computer.
2. Go to My Computer and locate the drive labeled AccuCold.
3. Launch the AccuCold program.
4. Select Open Drive to tell the program the location of the AccuCold drive.
5. Select the AccuCold drive from the drive list.
6. Once the drive is selected, click on the Set Time button to save the date and time settings to the AccuCold flash drive.
7. You will be instructed to insert the flash drive into the Temperature Logger and hold the white button down for 10 seconds.
8. When the LED flashes a second time (after 10 seconds has elapsed), the time will be set.
9. The Logger will automatically begin recording temperature every 15 minutes.



Using the Logger

Viewing Log Files

1. Stop recording by holding the white button down for 1 second. The LED will flicker and then remain on steady to indicate recording has stopped.

Important: To prevent loss of data, do not remove drive without following this procedure.

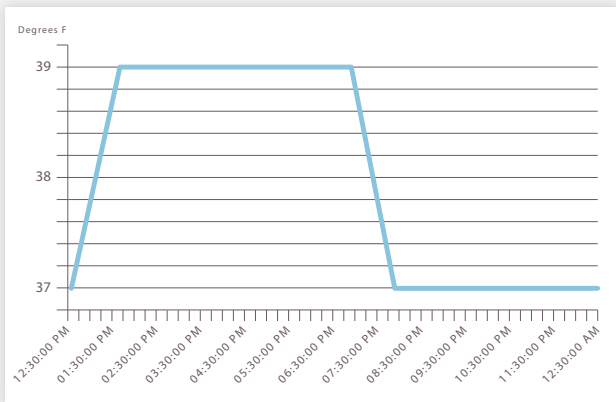
2. It is now safe to remove the flash drive.
3. Insert the flash drive into your computer and navigate to the drive labeled AccuCold.
4. Open the file labeled #.csv (i.e., 0.csv or other) in Excel or other CSV-compatible spreadsheet program.

www.summitappliance.com/accucold
Phone: 718.893.3900
E-mail: info@summitappliance.com

For Warranty Information please visit:
www.summitappliance.com/support

Product Use and Maintenance

USB Temperature Logger



Easy to chart in all versions of Microsoft Excel

Charting the Data in Excel is fast and easy with the AccuCold™ Temperature Logger. When you're ready to read the data, simply plug the USB into your PC or Mac and chart or graph the temperature readout using Microsoft Excel.

Simply select all three columns (Date, Time, Temperature) and use the Charting Wizard to create the graph of your choice.

Troubleshooting

Light is on steady

A steady light indicates that the device has stopped recording. This can occur if the drive has run out of space or if the drive is not fully reinserted after a drive removal. Ensure that the drive is inserted. It takes 20 seconds for the device to start recording, indicated by the LED flashing every second.

Time is wrong

Time may not have been set. If log time starts at 12 AM, January 1, 2000, the time has not been set. See Quick Start guide for time-setting instructions.

Temperatures are wrong

Check connection to probe. Values under -100 degrees F or non-numerical values indicate that the probe is not connected.

Light is off

This can indicate a power loss to the data logger. Check the connection at the rear of the unit. If it is connected, then check the power to the refrigerator. The temperature logger is powered from the unit itself, and if the unit loses power, the temperature logger will also lose power. When power is restored, the power loss event will be recorded and you can determine how long the power was out.

If power is restored to unit but time reads 12 AM, January 1, 2000, the battery needs to be replaced. (See Battery Replacement.)

Device Maintenance

Clearing the Flash Drive

The flash drive supplied with the Temperature Logger has enough memory to save 6 months of data.

When the flash drive is full, the light on the Logger will be on steady rather than blinking.

To clear the drive, remove it. (If the light on the Logger is blinking, remember to hold the white button down for 1 second until the light flickers and then is on steady before removing the flash drive.) Insert the flash drive into your computer, and either erase the drive or save the data onto your hard drive (or elsewhere) if you wish to preserve it.

Battery Replacement

To prevent time resetting to 12 AM, Jan 1, 2000, change the battery in the Temperature Logger at least once a year. You will need a 3-volt CR2032 coin cell. Remove the old battery and set the new one into place, making sure that the polarity orientation is correct.

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