




# ALARM MESSAGES

Alarm Message	Possible Cause	Solution
HIGH TEMP. IN COOLER	Cooler door is open.	Close all cooler doors.
	Warm product is close to sensor.	Move warm product away from sensor.
	Fans or compressor are shut off at breaker or switch.	Make sure all equipment is turned on and plugged in. Turn all cooler circuit breakers off and then back on.
	Refrigeration problem.	Call refrigeration mechanic.
	CoolTrol problem.	Put into Bypass. Call NRM.
LOW TEMP. IN COOLER	Cold air entering cooler.	Close all cooler doors.
	Refrigeration problem.	Shut off compressor at the circuit breaker. Call refrigeration mechanic immediately.
	CoolTrol problem.	Put into Bypass. Call NRM.
Any message that includes "TEMPERATURE ERROR" or "SENSOR ERROR"	Failed sensor.	Call NRM.
No message (display is blank)	No power to controller.	Make sure all switches are turned on. Reset circuit breakers.
	Faulty controller.	Call NRM.

Ask about **Remote Site Manager, NRM's cloud-based monitoring platform**, to get alarms instantly to your smartphone or email.

# FREQUENTLY ASKED QUESTIONS

## How can I change the Cooler setpoint?

1. Press the MENU key.
2. Press the SET key when the Setup menu displays.
3. Press the  key **four times** until the setpoint setting displays. Press SET to see the setpoint.
4. Use the  and  keys to change the setpoint. Then press "Set" to save your changes.

## Can my refrigeration technician still service my cooler?

Absolutely! If your refrigeration technician is unfamiliar with the CCS2 system, they can simply bypass it, revert back to mechanical thermostat control, and service your equipment as if CoolTrol was never installed. After successful troubleshooting, your technician simply switches the CCS2 out of Bypass mode, and your settings and energy-saving features are restored.

## What if my CCS2 needs service?

If you need service for your CCS2 system, call NRM for phone support or to schedule an appointment for a technician to come to your location. You can also work through your regular service technician. NRM is always happy to provide phone support and parts to your preferred technician.




**NRM Tech Support:**  
**800.377.5439 Ext. 1**

RETHINK REFRIGERATION

# COOLTROL<sup>®</sup> CCS2

## Quick Reference Guide



National Resource Management, Inc.  
 [www.nrminc.com](http://www.nrminc.com)  
 800.377.5439  
 [info@nrminc.com](mailto:info@nrminc.com)

# COOLTROL<sup>®</sup> CCS2 OVERVIEW

## LCD Display Screen

The LCD display provides a real-time snapshot of what your cooler is doing. From current temperature, to door heaters, to evaporator fan status, as well as cooling schedules and compressor runtimes, there's a wealth of data at your fingertips.

## Timed Shutdown Button

Safely turn off the refrigeration system for a period of 20 minutes, an ideal way to save energy and ensure worker comfort while performing duties such as loading/unloading, stocking, and taking inventory. The system will automatically turn back on.

## Alarm Reset Button

If an alarm is active, read the LCD display then log what the error message is. Consult the alarm message chart to gain clarity on what might be causing the issue. Then press the alarm reset button to clear the alarm and revert the display back to info.

## Info Button

The info button allows you to quickly scroll through various metrics associated with your system's performance. Including, but not limited to: Control Probe Readings, Equipment Status, Runtime Percentages, Setback Settings



## On-Demand Defrost Button

Manually initiate a defrost whenever you need one. Coils icing up is one of the most common issues that cause damage to refrigeration equipment. And sometimes, the factory instituted defrost schedule isn't optimal.

## System Bypass Button

If maintenance or diagnostics is required on the refrigeration equipment, the system bypass button allows the operator to revert the system back to mechanical thermostat control. Press the button a second time to put CoolTrol back in control.

## Setup Menu and Keypad

Easily view and adjust settings such as temperature setpoints in the Setup Menu. Press the Menu key then the Set key to enter the Setup Menu. When satisfied with the new setting, press the Set key to exit out of the menu.

*Looking for more in-depth instruction on the CCS2 system? Check out:*

[www.nrminc.com/videos](http://www.nrminc.com/videos)