

CoolTrol[®]

Quick Reference Guide

**Tips & Techniques
for Trouble-Free
Operation of Your
CoolTrol Cooler
Control System**

800.377.5439 ext. 1
www.nrminc.com/techsupport



CoolTrol® Cooler Control Systems At-A-Glance

Change Settings with the Keypad

- You can easily change temperature and other settings from the "Setup Menu." Press the "Setup" key until you see the setting you want to change, and then press "Enter." Use the arrow keys to make changes, and Press "Enter" when you're done.

Turn off the Cooler

- Press the red button to turn the cooler off while you're loading the cooler. This saves energy and makes it more comfortable to work. When you finish, push the button again to turn the cooler back on, or just wait and it will turn back on automatically after 20 minutes.

Read the Display

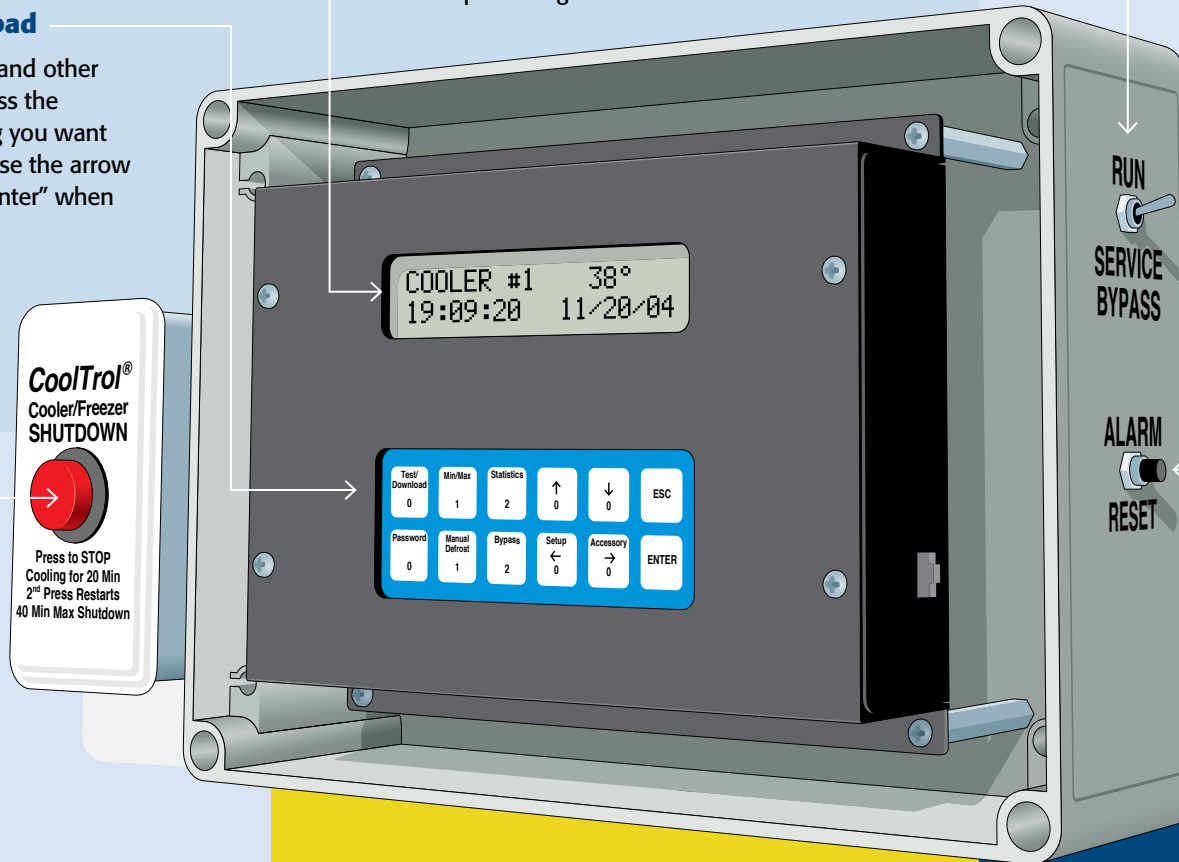
- CoolTrol's display tells you how well your cooler is working. In addition to temperature and status messages, it shows the compressor percentage, which tells you how much of the past 24 hours CoolTrol has been calling for refrigeration. Lower percentage = a more efficient cooler.

Bypass CoolTrol

- You can move the switch from "Run" to "Service Bypass" to instantly return the cooler to the regular mechanical thermostat. Your cooler will work as though CoolTrol was never installed. When you return the switch to "Run," there is a 6-minute safety delay before the cooler comes back on.

Alarm Reset

- If the alarm light is flashing, first check the display and write down what the error message says. Then press the "Alarm Reset" button to stop the light from flashing. Check the chart on the next page for more information.



Maintain Your Equipment

CoolTrol does not require any scheduled maintenance, but your cooler does. CoolTrol will make your cooler more efficient and better performing, but it is no substitute for regular preventive maintenance checks by a qualified refrigeration technician.

For Additional Assistance

Call 800.377.5439 ext. 1

Visit www.nrminc.com/techsupport



National Resource Management, Inc.

CoolTrol[®] Alarm Messages

Alarm Message	Possible Cause	Solution
"SWITCH IS IN BYPASS POSITION"	Bypass Switch is in Bypass.	Put Bypass Switch to "Run" position.
HIGH TEMPERATURE 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 Bypass Switch into Bypass position. Call NRM.
LOW TEMPERATURE 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 Bypass Switch into Bypass position. Call NRM.
Any message that includes "SENSOR IS NOT WORKING" or "SENSOR IS SHORTED OUT"	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.

■ **For additional assistance, call 800.377.5439 ext. 1 or visit our Tech Support section online at www.nrminc.com/techsupport**

Frequently Asked Questions

How can I change the Cooler Setpoint?

1. Press [Setup] repeatedly until the display reads: "Setup Menu/ Set Cooler Temp." Press [Enter].
2. Use the ↑ and ↓ keys to adjust the Temperature Setpoint. When the setpoint is what you want, Press [Enter].
3. You can return to the normal scrolling display by pressing [ESC], or you can just wait a minute, and the controller will return to normal operation.

Can my refrigeration technician still service my cooler?

Absolutely! If your refrigeration technician is unfamiliar with CoolTrol® they can simply bypass CoolTrol and service your equipment no differently than they would a cooler with an ordinary thermostat. When the mechanical equipment is running correctly, they can simply switch CoolTrol out of Bypass to restore the energy-saving features.

What if my CoolTrol needs service?

If you should ever need service for the CoolTrol system, you can call NRM and receive phone support or set up an appointment for a controls technician to come out to your location. You are also free to work through your regular service technician. NRM is always happy to provide phone support and parts to your preferred technician.

Corporate Headquarters:

480 Neponset St., Building 2
Canton, MA 02021

■ www.nrminc.com

■ sales@nrminc.com

Ph: 781.828.8877

Fax: 781.828.8895

Tech Support: 800.377.5439 ext. 1



National Resource Management, Inc.