Walk-In Door Panel CC2022-04

IP 66 Rated Face NSF Compliant cULus Listed ETL Listed RoHS CE

The CC2022-04 is a cold storage temperature display and switch for a walk-in cooler/freezer. Four capactive touch buttons allow for device operation including light control. During power outages, temperature tracking of the cooler/freezer may be maintained with use of the backup battery power source.

- Dust & Waterproof Front
- 2 Mounting Holes with Philips pan head screws included
- 0.52” Tall LED Digits on Display
- 4 Back-lit Front Panel Touch Keys
- Back °F/°C Unit Mode Conversion
- 9V Backup Battery Connection*
- Door Sensor Connection*
- Light Control Switch
- High and Low Temperature Alarms (Option for buzzer alarm available)
- Three-Way Switch Wiring Capable (Requires 2 CC2022-03 units)

***Sold separately:** Sensor Cable Probe, Door Sensor Cable, Backup Battery Adapter Cable, Heavy Rubber Gasket (instead of inc. EVA foam gasket)

Sample Product Photo

Specifications

Dimensions	2.91” x 4.72” Case (74mm x 120mm)
Front Panel	ABS Plastic
Display	3 Digit LED with °F/°C Indicator
Power Source	Direct Plug-In Power Supply 120VAC
Relay Capacity	10A @ 120VAC
Update Frequency	2 seconds
Measuring Range	-40°F to 230°F (-40°C to 110°C)
Operating Range	0°F to 180°F (-18°C to 82°C)
Accuracy	±2°F (±1°C)
Sensor	NTC Thermistor
Cable Length	Min 24” (0.6m) Max 600” (15m)

LED Display Light Color options

White or Blue

Safety Precautions

The instrument must never be opened.

Disconnect all electrical connections before any kind of repair and maintenance.

Be sure that the wires for probe and the power supply are separated and far enough from each other, without crossing and coiling in electrical wiring.

Error Codes

“EE”	fault detected with sensor cable connection
“bAt”	fault detected with power source connection

flashing temperature reading the detected temperature is either higher than the set maximum temperature alarm value, OR lower than the set minimum temperature alarm value

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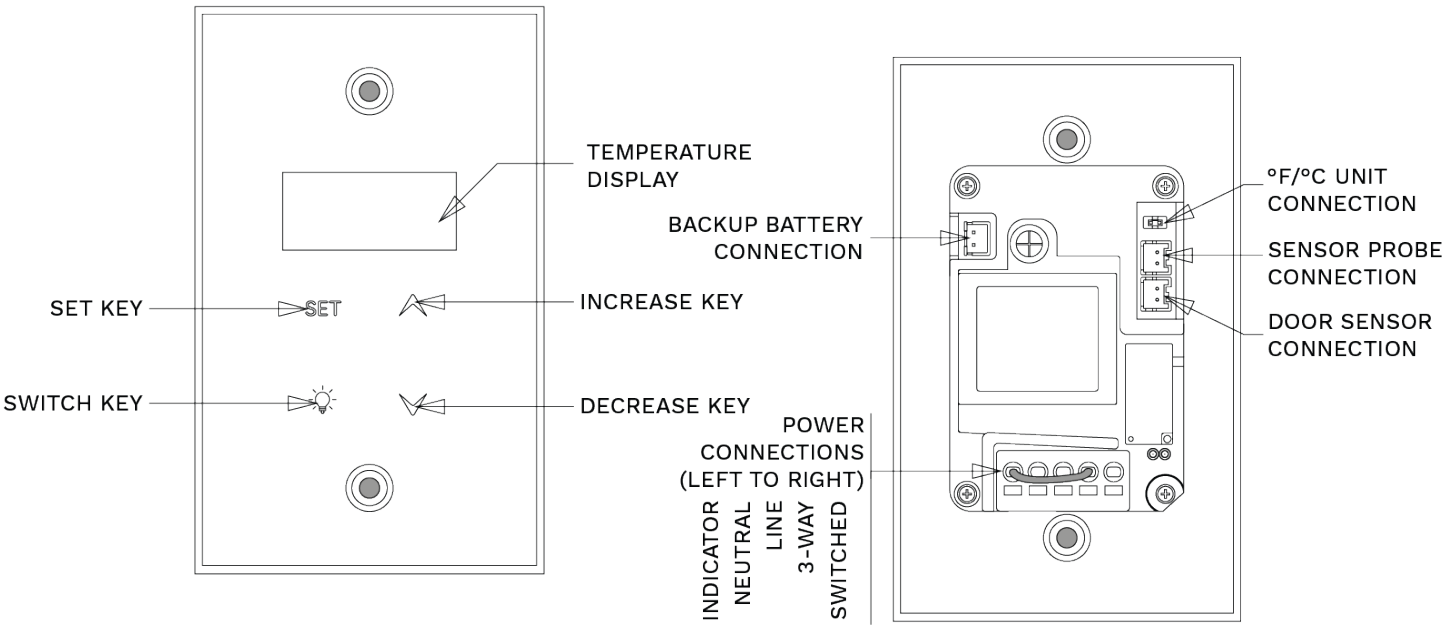
Sample Labeled Diagram



Installation Details

To install, follow the steps within the installation instruction sheets and the labels on the instrument. Select the desired temperature display unit. Mount the instrument to a 2 ⅛” deep standard junction box.

Device Operation

To change from °F to °C, remove the temperature converter plug from the back of the display unit. For temperature readings in Fahrenehit leave the plug in place.

To turn on/off the connected light, tap the switch key.

The light will automatically shut off following a delay time of 10 minutes after beign switched on.

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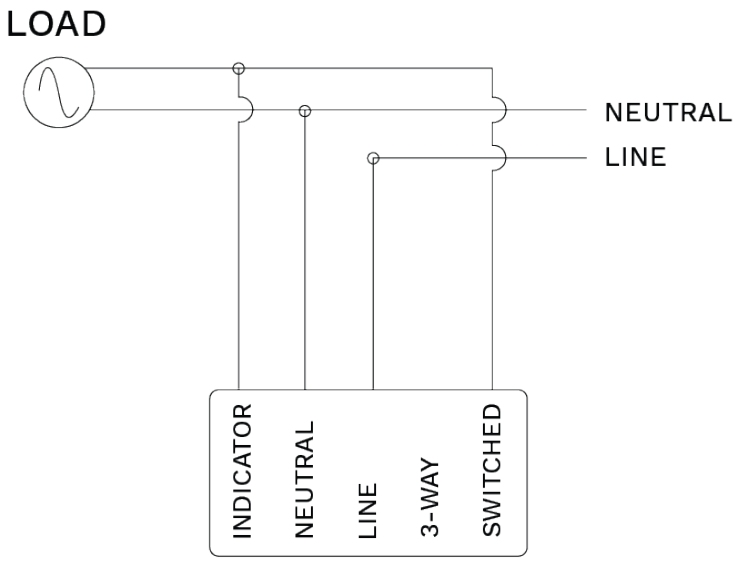
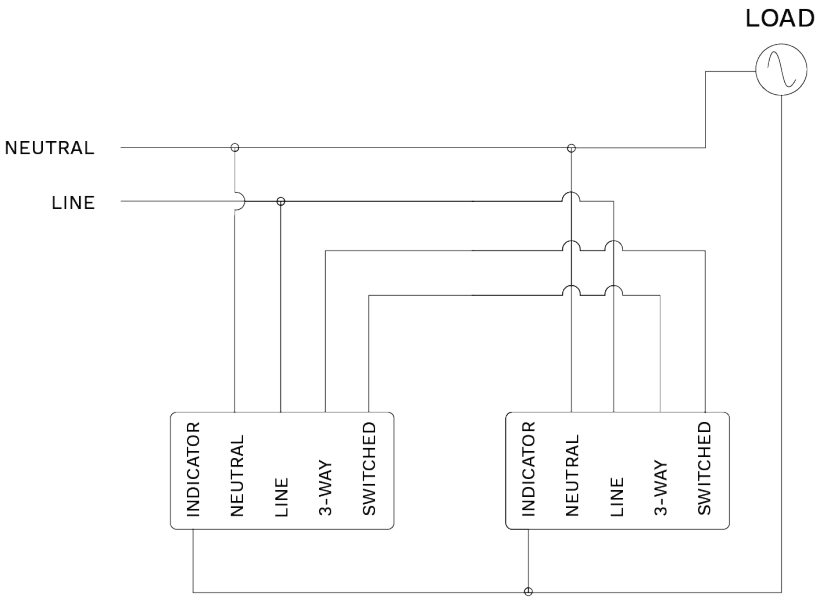
Wiring Diagram(s)

Single Switch Wiring Diagram



Three-Way Switch Wiring Diagram



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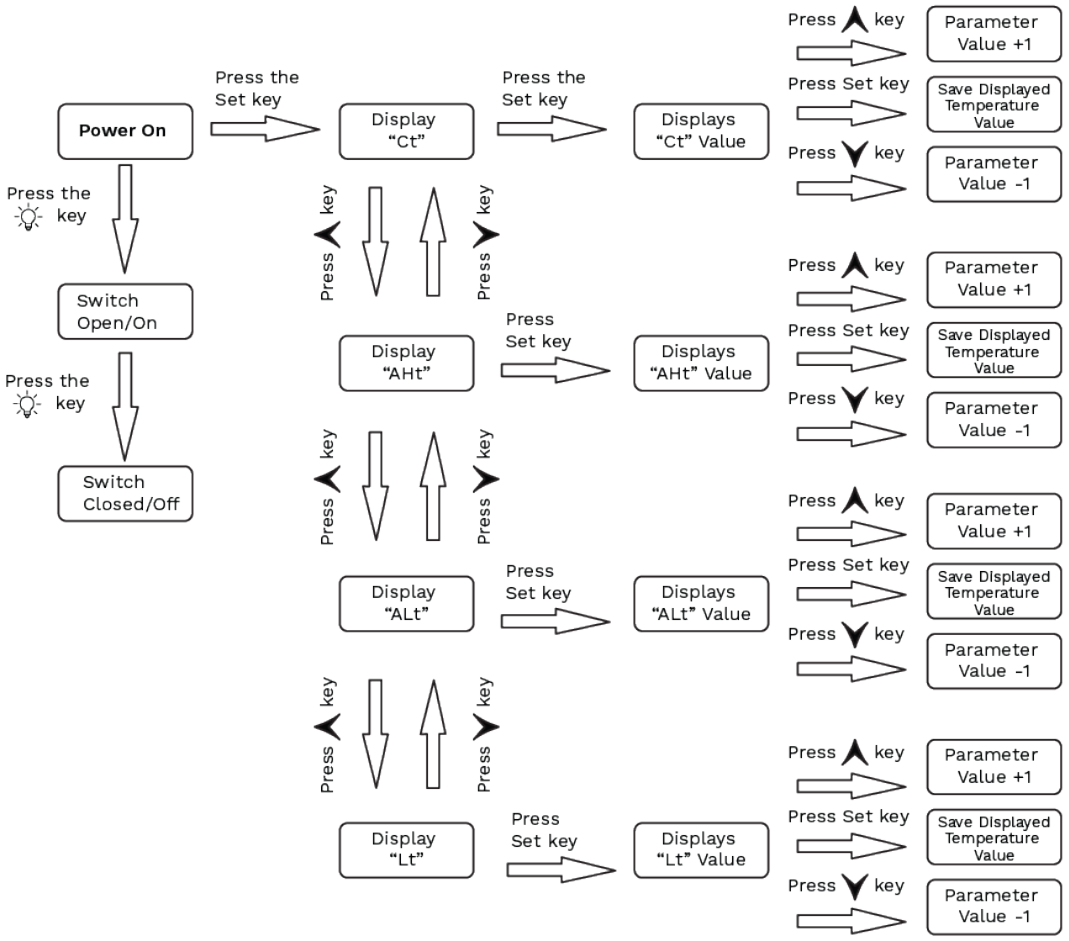
Device Operation Continued

Touch Key Operation Diagram



DISPLAY	SETTING
"Ct"	Temperature Correction Value
"AHt"	High-temperature Alarm Value
"ALt"	Low-temperature Alarm Value
"Lt"	Light Delay

Touch Keys

- **Set** Tap the key to save the displayed temperature value, or to toggle between settings.
- **Switch** Tap the key to flip switch ON. Tap again to flip off, or wait for the automatic shut-off time.
- **Increase** Tap the key to increase the parameter value by one, or to toggle between settings.
- **Decrease** Tap the key to decrease the parameter value by one, or to toggle between settings.

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