



CONCORD-20LDX  
THERMO-ELECTRIC  
**COOLER &  
WARMER**

Instruction Manual

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# Cooluli®



## CONCORD-20LDX

COOLER & WARMER

### SPECS & FEATURES

**Cools down to:**  
40°F below ambient  
temperature

**Warms up to:**  
149°F by internal  
thermostat

**Materials:**  
Aluminum, Plastic &  
Tempered Glass

**Inner Dimensions:**  
(W x D x H)  
9 x 9 x 13.5 in.  
228.6 x 228.6 x 343 mm

**Outer Dimensions:**  
(W x D x H)  
11.3 x 13.8 x 16.3 in.  
287 x 350.5 x 414 mm

**Input/Energy Consumption:**  
AC 110V/7A  
DC 12V  
78w max

**Weight:**  
13.1 lbs./  
5.9 kg

# WARRANTY INFORMATION

## **1-YEAR LIMITED WARRANTY - REGISTER AT: [www.cooluli.com/warranty-registration](http://www.cooluli.com/warranty-registration)**

Read all the instructions before attempting to use this product.

This 1-year limited warranty applies to repair or replacement if product, at COOLULI's option, is found to be defective in material or workmanship.

1. This warranty only applies to personal, non-commercial use. This warranty is not applicable to any damage resulting from commercial, abusive, unreasonable use, or supplemental damage. Defects that are the result of normal wear and tear will not be considered manufacturing defects under this warranty.

**COOLULI IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.**

2. This warranty does not cover damage resulting from any unauthorized attempts to repair or from any use not in accordance with the instruction manual.

3. This warranty applies only to the original purchaser of this product from the original date of purchase. This warranty applies only if the unit is purchased new from an authorized retailer and is non-transferable from the original purchaser of the item. Any warranties accompanied with this product is only valid in the country of purchase.

4. Unit is manufactured according to North American voltage specifications. Warranty is void if unit is plugged into a 220-230 volt outlet.

5. Please read the Instruction Manual carefully before setting up or using this product. If you believe this product to be suffering from a manufacturing fault, or if you have inquiries about this product, please contact Customer Support:

COOLULI  
ATTN: Customer Support  
217 E. Highland Pkwy  
Roselle, NJ 07203  
Phone: (718) 834-5312  
Email: [support@cooluli.com](mailto:support@cooluli.com)

When contacting Customer Support, please have the information below along with the proof of purchase. All warranty requests must be accompanied by proof of purchase, which is a copy of the original receipt/invoice.

Model: \_\_\_\_\_

Date of purchase: \_\_\_\_\_

Purchased from: \_\_\_\_\_

# Product Characteristics

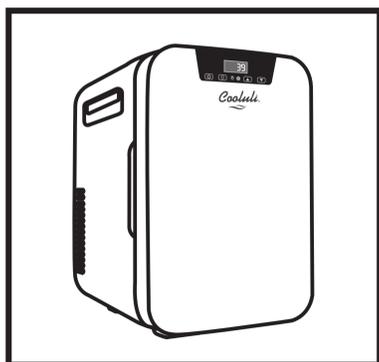
- This thermo-electric cooler and warmer is a great way to keep food and drinks cool during the summer and warm during the winter. Perfect to use at home, in your office, or in your car. Wherever you are, you can always enjoy fresh food and drinks.
- Sleek and easily portable, it makes a stylish choice for any décor or setting.
- Shelves are removable. To remove, gently push shelves up and slide out.
- Included AC and DC plugs make it ideal for outdoor and indoor use. This thermo-electric cooler/warmer unit is ultra-durable, eco-friendly, and safe to use. Its semiconductor operation consumes minimal power and uses no compressors, cryogen, refrigerants or Freons.

## Applications

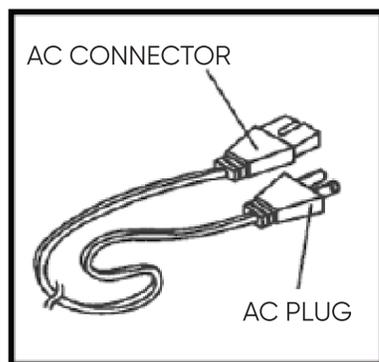
- At home, keep snacks and drinks at hand while enjoying your favorite shows and movies uninterrupted.
- Store on top of your office desk and use it as your own personal mini fridge.
- Great for picnics, camping and fishing trips when cold drinks and warm food are a necessity.
- Ideal for long road trips, and for commuters, and truck and taxi drivers who want to keep food and drinks fresh and close by.
- Perfect for parents who need to store breast milk at a desired temperature.
- Safely store medications that need to be kept at a specific temperature.

## What's in the Box

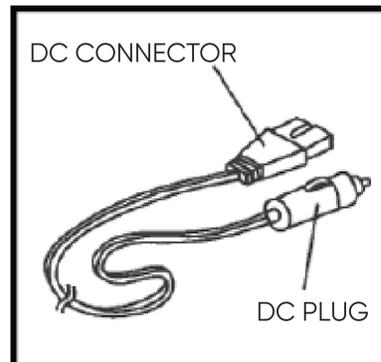
CONCORD LDX



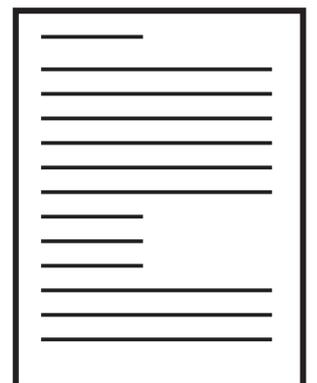
AC POWER CORD



DC POWER CORD



USER MANUAL



# Getting Started

Before plugging in your unit, make sure there is a minimum 2" vent clearance for proper ventilation. (see Fig. 4, below)

## 1. Plugging in your unit

**For home application:** use the supplied AC Power Cord (see Fig. 1) by inserting AC connector into unit's AC port (see Fig.3) and inserting AC plug into wall outlet. This unit ONLY works on 100-120V (in compliance with North American standards). Unit will sustain damage and warranty will be void if unit is plugged into a 220-230 volt outlet.

**For motor vehicle application:** Car engine MUST be turned on first before plugging in the cooler/warmer. This precaution prevents a power surge that can lead to the unit overheating and/or becoming a potential fire risk. Use the supplied DC Power Cord (see Fig. 2) and insert DC connector into unit's DC port (see Fig.3) and the DC plug into the appropriate cigarette-lighter outlet.

Fig. 1

AC POWER CORD

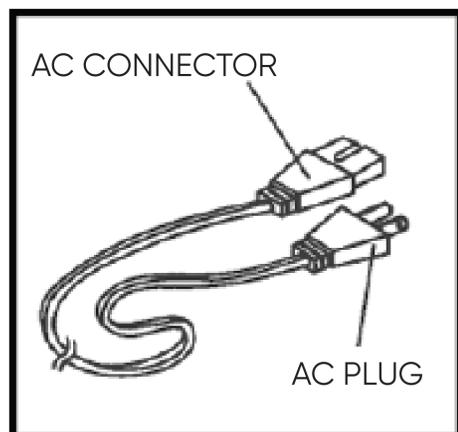


Fig. 2

DC POWER CORD

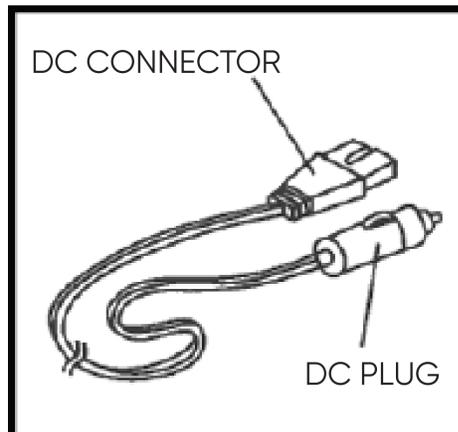


Fig. 3

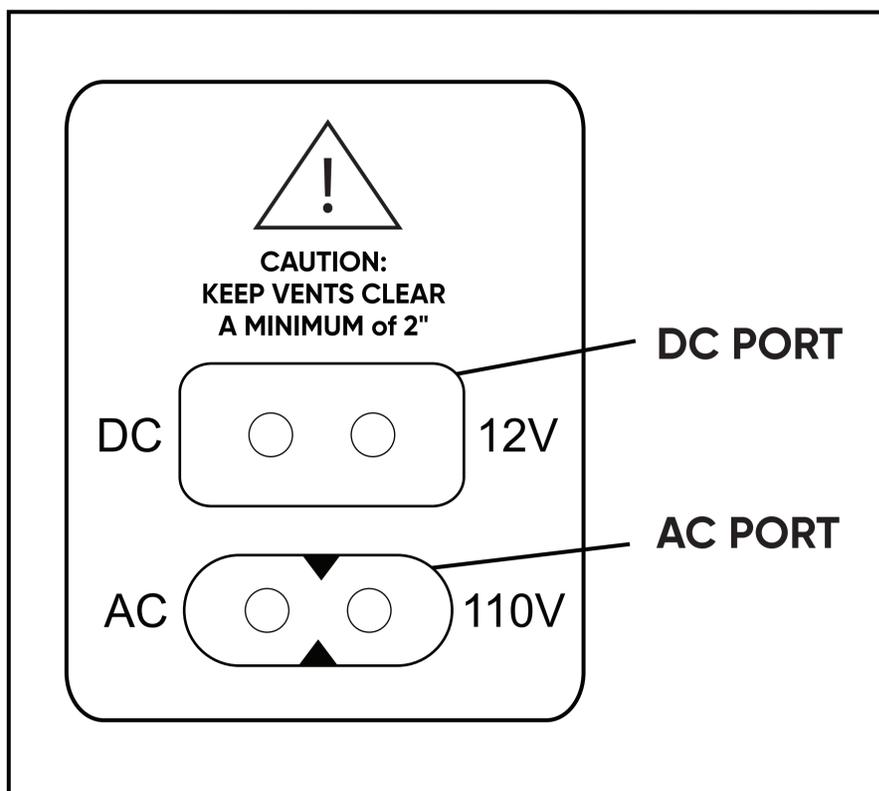
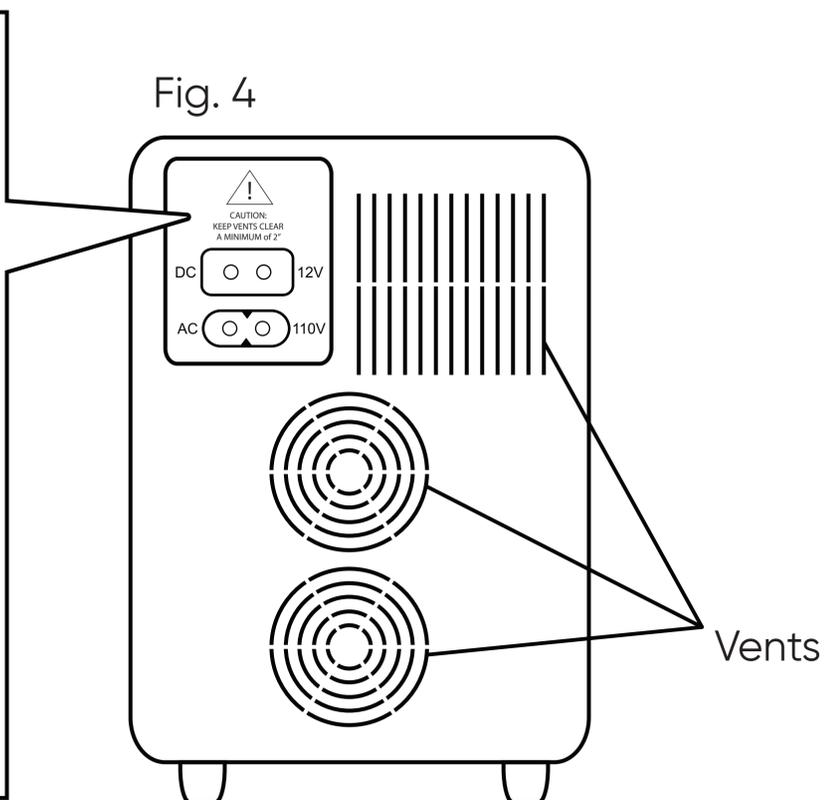


Fig. 4



# Getting Started cont.

## 2. Turning on your unit

**Press the power button to turn it on (see Fig. 5)**

NOTE: When you plug your Concord unit in, the first number you see displayed (steady number) reflects the unit's current internal temperature. This number will go up or down depending on the internal temperature of the unit.

## 3. Setting the Temperature

**The Concord LDX has a temperature range from 15°F to 149°F.**

To set your desired temperature, you must enter SET MODE.

- **To enter SET MODE:** Tap the SET button. A flashing number appears—this is the number you're setting your desired temperature to.
- **To EXIT SET MODE:** Tap SET button again or wait 5 seconds. (NOTE: the flashing set number will be replaced by the unit's internal temperature.)

When in SET MODE, use the UP and DOWN arrow buttons to set the flashing number to your desired temperature.

**For Cooling:** The lowest temperature that can be set on the thermostat is 15°F. Most people prefer their food/beverages between 35°F to 40°F. Cooling Mode is activated when the green FROST button turns on. (NOTE: The unit may take up to 5 minutes to switch from Warming Mode to Cooling Mode.)

**For Warming:** The highest temperature that can be set on the thermostat is 149°F. For food safety, it is recommended that foods be kept at 140°F or warmer. Warming mode is activated when the red HEAT light button turns on. (NOTE: unlike Cooling Mode, switching to Warming Mode is instantaneous.)

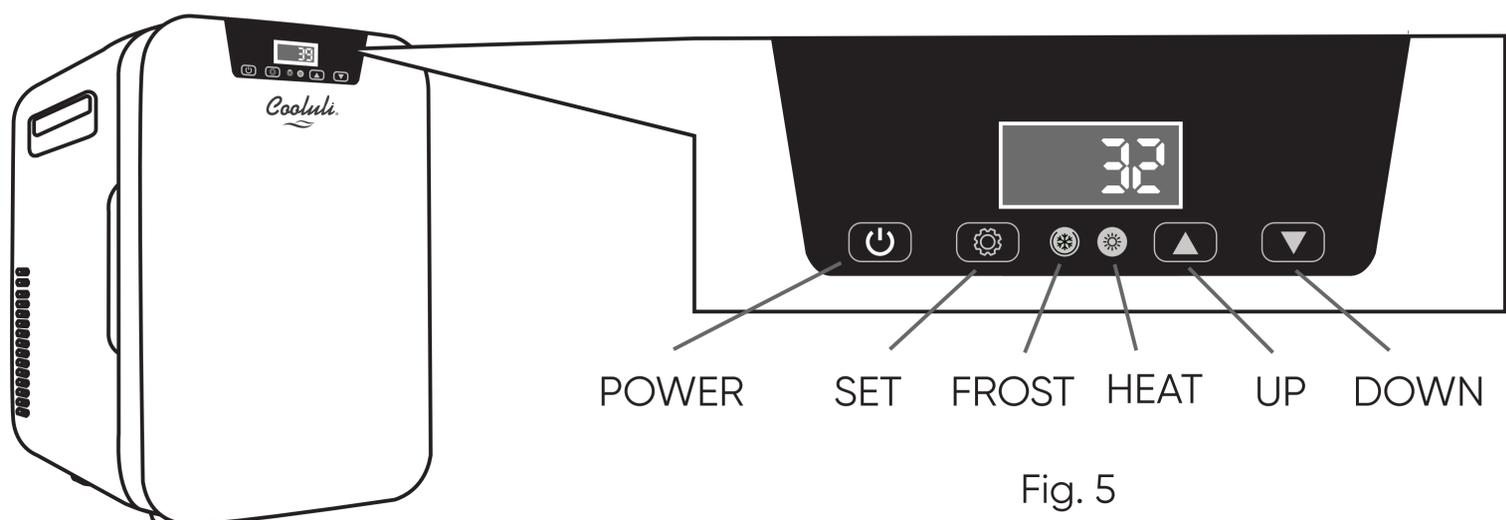


Fig. 5

# Optimizing Performance

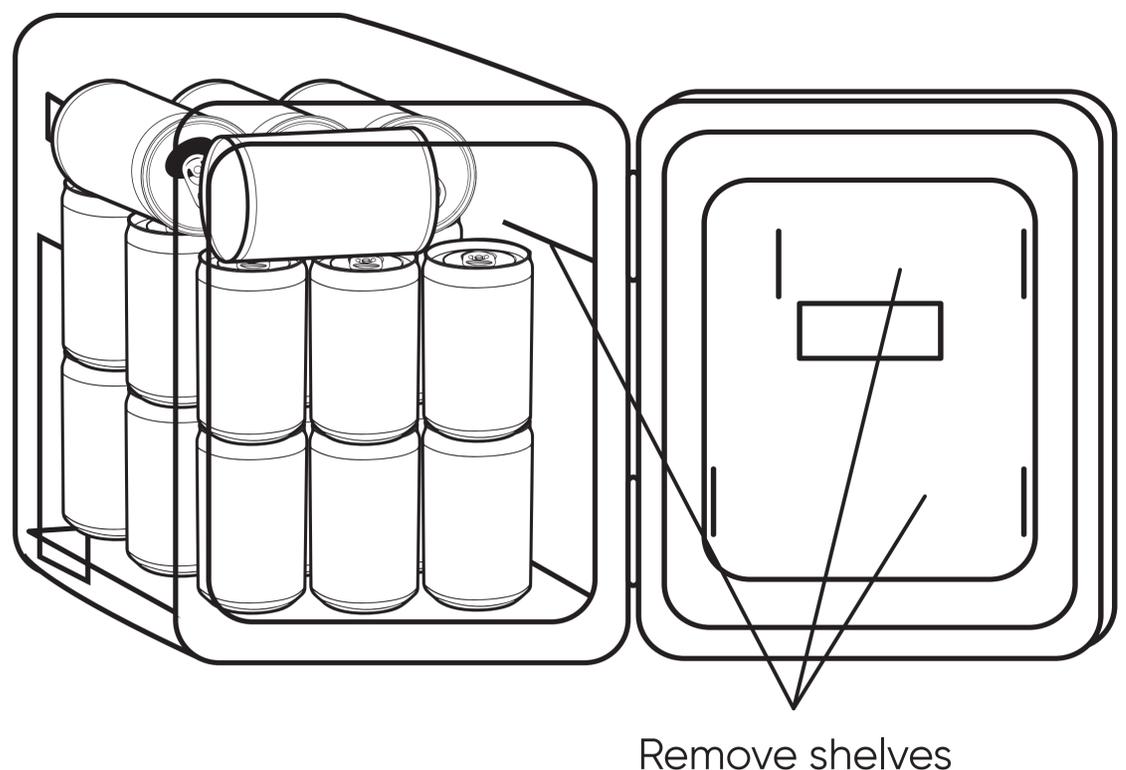
- Pre-chilled food and drinks are recommended to put into this unit. If drinks are at room temperature it will take 2-3 hours to chill them.
- This thermo-electric cooler and warmer is not designed to heat cold food; this unit only preserves hot foods at a warm temperature. However, this unit does have the ability to heat some foods that are semi-cool if given a minimum of 2 hours.
- With proper use, this thermo-electric cooler and warmer unit can preserve the temperature of food, warm or cold, all day.
- To conserve energy, the display/screen of the Concord LDX goes dark after approximately 2 minutes of not touching the display/screen. If you need see the current temperature displayed on your Concord, simply press the UP or DOWN arrow keys. If you press the SET button, the Concord will flash your original, pre-set temperature.
- NOTE: When the Concord reaches to within a few degrees of your pre-set temperature in cooling mode, the Concord enters EcoMode and the fan will turn off to save energy.
- NOTE: Ambient temperature refers to the temperature of the surrounding air. For example, if unit is used for cooling, and your immediate surroundings is 75°F, then the unit will keep contents cool anywhere between 35° – 40°F.

## **The Concord 20LDX can fit 22 standard soda cans (12 fl. oz./355 ml) in the following configuration**

- Remove both basket shelves on interior door
- Remove topmost interior shelf from unit by gently pushing the shelf up and sliding it out
- Refer to Fig. 5 for suggested can configuration

Fig. 6

Can placement: interior, top and bottom view



# Frequently Asked Questions

## **Can I keep breast milk in my Cooluli unit?**

Yes! Many new parents use our units to store breast milk conveniently in nurseries or nearby bedrooms.

## **Can I store insulin in my Cooluli unit?**

Yes, many of our customers use our units to store medications and other essentials.

## **Can my Concord-20LDX keep things frozen?**

The Concord-20LDX should not be used as a freezer. Your Concord-20LDX has the ability to keep things cool (or warm—depending which mode you choose). Frozen items will cool down to 35° to 40°F below ambient temperature. Therefore, if you put a frozen item inside your unit and your room is 70°F, that item will be kept at a temperature between 30° to 35°F.

## **What is the cooling temperature of the Concord-20LDX?**

The Concord-20LDX can keep contents (food, drinks, snacks, medications, etc.) cool anywhere from 35° to 40°F below ambient temperature. Please refer to page 2 of this User Manual for complete product specifications.

## **Can I adjust the thermostat on the Concord-20LDX?**

Yes, the Concord-20LDX has a digital display thermostat which can be set. You can set the temperature as low as 30°F on the digital display, however, performance can vary depending on the environment.

## **Does the Concord-20LDX have a lock?**

The Concord-20LDX does not have a lock but it does feature a tight-fitting, magnetic seal that secures and protects contents.

## **Are interior shelves removable?**

Yes, the shelves and container baskets on the Concord-20LDX are removable. To remove shelves, gently push the shelves up and slide out. To remove container baskets, gently push baskets up and remove.

## **The back of my Concord-20LDX feels warm. Is this normal?**

Yes, this is normal. While in cooling mode, your Concord-20LDX Thermo-Electric Cooler/Warmer moves heat from inside the unit to the back of the unit (vent area). Make sure there is at least a 2-inch clearance for necessary air flow and circulation. If the back of your Concord-20LDX gets very hot, turn off the unit, and contact Customer Support.

## **I hear a slight whirring sound in the back of my Concord-20LDX. Is this OK?**

The fan makes a slight whirring sound in the Concord-20LDX; this sound is normal. The Concord-20LDX features exclusive EcoMax™ Technology—our unique cooling system that makes our thermo-electric units quiet, yet powerful and efficient. However, if you hear a very loud sound, turn off the unit, and contact Customer Support.

## **Can I leave my Concord-20LDX plugged in every day, 24 hours per day?**

Yes, you can leave your Cooluli unit plugged into an AC outlet in your home or office. However, your Cooluli unit should not remain plugged into your car's outlet continuously for 24 hours a day, 7 days a week.

## **If I plug my cooler/warmer unit into my car does the car engine need to be on for the unit to stay on?**

For car or motor vehicle use, we recommend unplugging your cooler/warmer unit when the car engine is fully turned off; not unplugging your unit when car engine is off can drain the car's battery.

## **Can I use my Concord-20LDX in a 220V outlet?**

The Concord-20LDX ONLY works in 100-120V, in compliance with North American standards and cannot be plugged into a 220V outlet.

## **Can I use a power bank (portable charger) with my Concord-20LDX?**

No, a power bank cannot be used with the Concord-20LDX.

## **How much energy does the Concord-20LDX consume?**

Refer to page 2 of the User Manual for spec details and information.

## **Does my Concord-20LDX come with a warranty?**

Yes, Concord-20LDX model comes with a standard 1-year limited warranty. Please refer to page 1 of the User Manual or go to [support@cooluli.com](mailto:support@cooluli.com) for more information.

## **How can I get a replacement cord?**

Cooluli replacement cords are available on Amazon. Call customer service for assistance.

## **Where are Cooluli coolers/warmers made?**

Cooluli is an American company based in Brooklyn, NY and our products are custom-manufactured in China.

# BASIC TROUBLESHOOTING

The most common issues experienced by Cooluli users are caused by voltage incompatibility. The following issues give an overview of possible errors and instructions of how to check the unit.

Concern	Possible Reason	Check
Blinking green light in the back of unit.	Unit fan not rotating.	Contact Customer Support for assistance. Consult this User Manual or go to support@cooluli.com for contact information.
Fan making a loud noise.	Check for fan obstruction or failure.	Check the back to see if there is at least a 2-inch clearance around fan and vents. If issue persists, contact Customer Support.
Unit doesn't cool contents as advertised.	Most Cooluli units cool contents down anywhere from 35°– 40°F below ambient temperature.	Consult your unit's specific cooling information found in this User Manual. If cooling temperature is significantly less than what is listed for your unit, contact Customer Support.
Unit not cooling and lights off in back.  Unit stopped working.	Main power source failure.	Check outlets first.  <b><u>If unit not turning on in your home/office:</u></b> Try plugging the unit into your car using the included DC power cord. <b><u>If unit not turning on in your car/motor vehicle:</u></b> Try plugging the unit into an 100-120 volt outlet in your home/office using the included AC power cord. If issue persists, contact Customer Support.
Ice is building inside the unit, around the center screws in the back.  Water collecting at bottom of unit.  Water drip or leakage.	Check that the door is clean and free from obstruction and is closed securely.  Water condensation. It is normal for thermo-electric units, while in cooling mode, to produce water droplets that may freeze in the back and then melt.  Water condensation is normal in thermo-electric units. Check if water accumulation is due to condensation.	While the unit is off and at room temperature, take a soft cloth and gently wipe down the inside of your unit to remove any moisture that may accumulate. This is recommended once or twice a week.  If issue persists, contact Customer Support for further assistance.

**For further assistance please contact  
Cooluli Support:**

COOLULI

ATTN: Customer Support

217 E. Highland Pkwy

Roselle, NJ 07203

Phone: (718) 834-5312

Email: [support@cooluli.com](mailto:support@cooluli.com)

# WARNING

**PLEASE READ THESE DIRECTIONS CAREFULLY BEFORE USING THIS COOLER/WARMER UNIT TO ENSURE PROPER OPERATION. IMPROPER USE, INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE OR MAINTENANCE CAN CAUSE INJURY OR PROPERTY DAMAGE.**

1. To ensure optimal performance, keep the cooler/warmer unit's fans clear of dirt and debris. Stuck fans will overheat the unit and can pose a potential fire hazard.
2. Do not place any cloth or paper products on the unit.
3. When plugging in the unit, ensure that the power cord is inserted tightly into the socket. A loose socket can cause damage or fire.
4. When using the unit in a car/vehicle with the DC power cord, the vehicle's engine must be turned on first. When the engine is running, the unit can then be plugged into the vehicle's adapter. This prevents a power surge and potential property damage, injury, and/or fire.
5. Keep the unit away from flammable items and running water to prevent damage, injury, and/or fire.
6. DO NOT attempt to open, break, or refit the appliance.
7. This unit ONLY works on 100-120V (in compliance with North American standards).
8. To switch temperature control, the unit must be turned to the OFF setting for 30 minutes before shifting the unit from COLD to WARM.
9. DO NOT submerge or rinse under running water.
10. When packing the unit, do not place upside-down.
11. Avoid dropping or banging the unit.
12. DO NOT leave the appliance in the rain.
13. Adult use and supervision only. This is not a toy. Children should not play with this cooler and warmer unit. For people with reduced physical, sensory, and/or mental capabilities, use precaution and follow all instructions when operating this unit to ensure safety.
14. Always keep ventilation openings clear of obstruction.
15. DO NOT use other electrical appliances inside the food storage compartments of the appliance.
16. If the power cord that is supplied with the cooler and warmer unit is damaged in any way—DO NOT attempt to repair it; damaged power cords must be replaced by the manufacturer.





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