



# User Manual

**Refrigerated Merchandiser Display**



**CDHF-14C**



[WWW.KOOLMORE.COM](http://WWW.KOOLMORE.COM)



**Please read the manual thoroughly prior to equipment set-up, operation and maintenance.**

**If you are having trouble with your unit, for assembly assistance, missing or damaged parts, please contact customer service.**

**Phone: 718-576-6342**

**Email: support@koolmore.com**

**Thank you!**

WARRANTY CLAIMS. All claims should include: model number of the cooler, the serial number of the cabinet, proof of purchase, date of installation, and all pertinent information supporting the existence of the alleged defect. Any action or breach of these warranty provisions must be commenced within one (1) year after that cause of action has accrued.

**For Warranty Inquiries or Service:**

To obtain warranty service contact warranty@koolmore.com or call 718-576-6342 x 2

**Failure to contact KOOLMORE Supply Inc. prior to obtaining equipment service may void your warranty.**

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## Warranty

Please register your product online at [www.koolmore.com](http://www.koolmore.com). Registering your products will expedite any warranty claims and also allow us to communicate any critical product-related notifications and updates.

### The one year 1 Year warranty -is Valid only in the United States

Unless otherwise stated, KOOLMORE Supply Inc. warrants to the original purchaser of new, qualified Koolmore units (and all parts thereof), that such equipment will be free from defects in material and workmanship for a period of 1 year from the date of delivery.

If a qualified product is found to be defective during this period, KOOLMORE Supply Inc. will repair the defective unit, replace any defective parts, or replace the defective unit.

### What This Warranty Does Not Cover:

KOOLMORE Supply Inc. will not warrant coverage for component failure or other damages that arise under the following conditions:

- Failure to install and/or use the unit within proper operating conditions specified by KOOLMORE Supply Inc.
- Failure to properly maintain the unit. This includes, but is not limited to, basic preventative maintenance like cleaning the condenser coil.
- Installation in non-commercial or residential applications.
- Products sold or used outside of the United States.
- Any damage that occurs as a result of negligence or improper handling.
- Overloading or improper loading of the unit in a manner that prevents proper airflow.

Additionally, no claims can be made against this warranty for spoilage of products, loss of sales or profits, or any other consequential damages.

Normal wear type parts, such as light bulbs and gaskets, are not included in warranty coverage.

Warranty is not transferable. This warranty is not assignable and applies only in favor of the original purchaser/user to whom delivered. ANY SUCH ASSIGNMENT OR TRANSFER SHALL VOID THE WARRANTIES HEREIN MADE AND SHALL VOID ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.



## Structure and Parts





## Refrigerator Location and Set Up

- **Handle With Care**  
Unplug the wall socket, never tilt over 45 degrees while handling
- **Wait!**  
Wait at least two hours after handling the unit before plugging in to the wall socket
- **Dry Surface**  
Always place the refrigerator on completely dry surface
- **Level Surface**  
Place the refrigerator on a solid and level surface, the unit may be noisy or even malfunction if placed on an uneven surface.
- **Sufficient Space**  
Place the refrigerator no less than 4” away from the wall or other surface to avoid blocked airflow
- **Location Temperature**  
Select an indoor location away from heat and moisture-generating equipment. High ambient temperatures may cause the compressor to malfunction and will void the warranty. Never place the refrigerator in direct sunlight.
- **No Heavy Load**  
Never store a heavy load on top of the refrigerator, never install anything on to the refrigerator. Do not puncture any holes in to the refrigerator.



## Technical Specifications

Coolant and injection quantity(g)	R290(140)
General Rated input power(W)	400
Type of climate	4
Refrigeration temperature °F	0-12(32-53.6)
Electric shock protection class	I
Rated Current(A) :	3.7
Lamp power(W) :	18(LED)
Total effective volume (CU.FT.)	14.1
Net weight Lbs.	341.7
Rated voltage(V~)	110-120
Rated Frequency(Hz)	60
Overall dimension (In) (LxWxH)	47.8x26.6x48.0



**CAUTION:** risk of fire

**WARNING :** Refrigerant is facility burning of R290, please protect against fire.



## Troubleshooting

Issue	Cause and Remedy
No refrigeration	Is the plug in the socket? Is the fuse working? Is there power?
Unsatisfactory refrigeration	Is the unit under direct sunlight? Is there a heat source nearby? Is the surrounding ventilation adequate? Does the door close well? Is door open for long periods of time? Is the door seal strip deformed or damaged? Does food block the air suction or outlet? Is the refrigerator too full?
The refrigerator is too noisy	The refrigerator is not leveled The refrigerator is touching the wall There is a loose part in the refrigerator.
Contact us at <a href="mailto:support@koolmore.com">support@koolmore.com</a> if the trouble shooting does not solve the problem.	



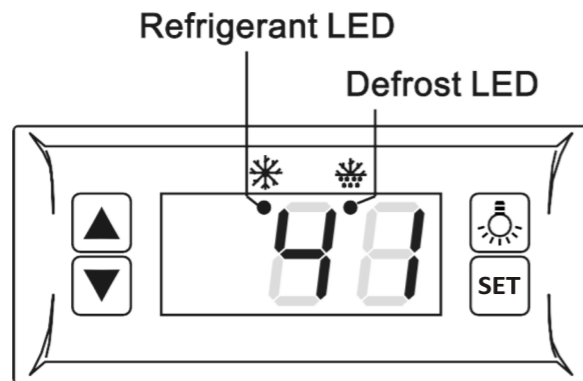
## Safety and Power Supply

- The unit should have its own 110/60Hz dedicated outlet, do not share the outlet.
- Do not use extension cords.
- Ensure the unit is not resting on or against the electrical cord. Make sure there is no damage to the cable
- After unplugging the unit, wait at least 10 minutes before plugging it back in. Failure to do so could cause damage to the compressor, please make sure there is no damage to the cable.
- To avoid shock and fire hazards, do not plug in or unplug the unit with wet hands.
- Please ensure that the required voltage is being supplied at all times.
- Do not store flammable and explosive gas or liquids inside the unit.
- Never give the refrigerator surface a flush otherwise, this will cause damage to the refrigerator.



## Operation

1. Plug the refrigerator in to a 115V exclusive socket. After the refrigerator is running, place your hand on the air suction to confirm that it is sufficiently cool
2. Set the digital controller to the desired temperature (see below)
3. Adjust the shelves to the desired location
  - Remove the shelves.
  - Move the shelf support to a suitable height.
  - Place the shelves on the support.
  - To get an even temperature between the top and bottom, please space the shelves equally.



### Front Panel Operation

1. Set temperature:

Press **SET** button, the set temperature is displayed.

Press **▲** or **▼** to adjust the temperature


Press **SET** button to exit the adjustment and display the unit's current temperature.



2. If no more buttons are pressed within 10 seconds, the unit's current temperature will be displayed.

If you are having trouble setting the temperature to your required setting, please contact customer care for assistance 718-576-6342 x 2

3. Lights: Press  button to turn lights 'on' or 'off'.

Manual start/stop defrost: Press  button and hold for 6 seconds to defrost or stop defrost.

4. Refrigerant LED: When the compressor is running, the LED is on; when the refrigerator temperature is constant, the LED is off; During the delay start, the LED flashes.

5. Defrost LED: during the defrost cycle, the LED is on; when it stops defrosting, the LED is off. During the delayed display of defrost, the LED flashes.

## Maintenance

Periodical cleaning and maintenance is necessary. Always unplug the socket before maintenance. Never use A damaged plug or loose socket to prevent, electric shock or short circuit. Never flush the refrigerator. Never use alkali detergent, soap, gasoline, acetone or brush.

### To clean the interior

- When cleaning the cabinet interior, use a solvent of warm water and mild soap.
- Do not use steel wool, caustic soap, abrasive cleaners, or bleach that may damage the interior finish.
- Periodically remove the shelves and shelf brackets from the unit, and clean them with a mild soap and warm water

### Cleaning the Fan Blades and Motor

- If necessary, clean the fan blades and motor with a soft cloth.
- If it is necessary to wash the fan blades, cover the fan motor to prevent moisture damage.

### Cleaning the Condenser Coil

- For efficient operation, keep the condenser surface free of dust, dirt, and lint.
- We recommend cleaning the condenser coil at least once per month.
- Clean the condenser with a commercial condenser coil cleaner.