



# USER MANUAL

## Refrigerated Bakery Display Case

Model: RBD30C

Display Case



*Before using, please read the operating instructions carefully to ensure proper application and achieve satisfactory results.*

For any service-related issues, please contact us:



718-576-6342



support@koolmore.com

***Stay informed with the latest information  
for your KoolMore Appliance.***

**If you need any assistance or have questions, our customer  
support team is here to help.**

# SAFETY

IMPORTANT SAFETY INSTRUCTIONS, READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

## CAUTION FOR SAFETY

Leave enough space from the wall to the cabinet and the ceiling; do not be sealed completely in the back part of the cabinet. Prepare an air vent to the outside.

Caution: It needs more than 20 cm from the cabinet to wall.

Please move away all out-package for bottom heat radiation to avoid fire.

It's prohibited to store flammable and volatile chemical, or leading to exploding.

Individual single-phase socket must be used. It should be reliably connected to a grounding wire.

Caution: Do not connect grounding wire to a water or gas pipe.

Do not be hard collided or fiercely vibrated when in transportation, it is not larger than 45 for the inclination of the cabinet.

Please refer to the Trouble shooting references when the unit is facing some problems. Do not attempt to solve the problem on your own. Please refer to certified technician only.

**DANGER** - Risk of fire or explosion. Flammable refrigerant used. Do not use mechanical devices to defrost refrigerator. Do not puncture refrigerant tubing.

**DANGER** - Risk of fire or explosion. Flammable refrigerant used. To be repaired only by trained service personnel. Do not puncture refrigerant tubing.

**CAUTION** - Risk of fire or explosion. Flammable refrigerant used. Consult repair manual/owner's guide before attempting to service this product. All safety precautions must be followed.

**CAUTION** - Risk of fire or explosion. Dispose of properly in accordance with federal or local regulations. Flammable refrigerant used.

**CAUTION** - Risk of fire or explosion due to puncture of refrigerant tubing; follow handling instructions carefully. Flammable refrigerant used.

**CAUTION** - Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.

**CAUTION** - servicing shall be done by factory authorized service personnel, so as to minimize the risk of possible ignition due to incorrect parts or improper service.

# INSTALLATION

## IMPORTANT: PLEASE REVIEW BEFORE INSTALLATION

If the appliance has been in transit, allow it to remain stationary for at least 24 hours before you plug it in.

Ensure the appliance will be operating in a well-ventilated area.

Attach all included accessories prior to connecting the appliance to power.

Read the entire manual thoroughly before using the appliance.

## CABINET LOCATION AND INSTALLATION GUIDELINES

### Unpacking

The appliance arrives on a pallet, within a crate. You'll find the documentation in a clear sleeve inside the unit. When uncrating, remove any cardboard from the exterior and the door area carefully to avoid any damage from sharp tools.

### Placement

Position the appliance on a sturdy, level surface to prevent:

Noise from an uneven surface

Potential malfunctions from an uneven surface

Use shims or supports to level the appliance if the floor is irregular.

### Ventilation

Install the appliance indoors in a spot with good air circulation to:

Maximize efficiency

Maintain a clearance of at least 4 inches (100mm) at the back and 2 inches (50mm) on top.

Prevent efficiency loss and potential damage from outdoor placement.

### Environment

Avoid placing the appliance in areas of high humidity or dust because:

Humidity can lead to rust, affecting performance.

Dust on the condenser coils can lead to malfunctions.

Clean the condenser coil regularly to ensure proper function.

The appliance should not be placed in areas where it could be exposed to rain or direct sunlight.

Do not situate the appliance in locations with chlorinated or acidic conditions, such as near swimming pools or bath areas, as these environments could cause corrosion.

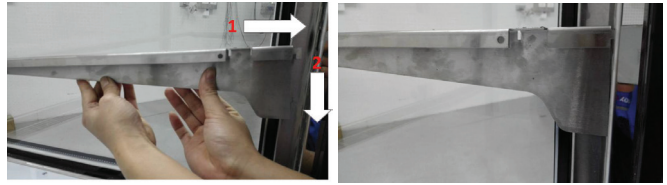
Warning: Any problems that arise from improper placement of the appliance will not be covered by the warranty.

**■ Shelving installation**

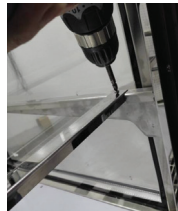
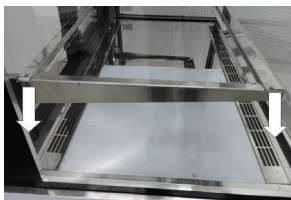
1.Remove both sliding rear doors by lifting each door up and pullingout at the bottom.



2.Install left andright shelf brackets teeth end into stainless pilasters,adjust to desired height matching right.



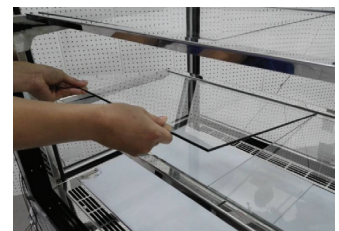
3.Hang front and rear shelf support panels to the left and right shelf brackets,screw them on both left and right sides.



4. Plug light to the socket on stainless pilasters



5. Position glass shelves

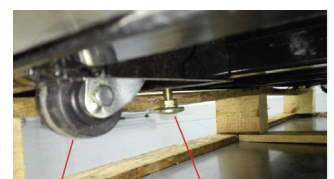


6. Refit the sliding doors by lifting each door up into the top track and placing onto the bottom track.



**Securing the Castors:**

Once the cabinet is in place, make sure to lock the castors (wheels) to prevent it from moving. This unit comes with both castors and adjustable feet. The adjustable feet are designed to secure the castors in place—extend them until they firmly touch the floor.

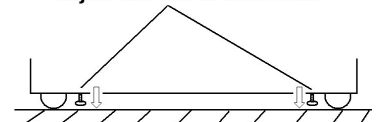


**Castor      Adjustable foot**

**Adjust the feet to touch floor**

**Adjusting for Stability:**

Ensure the feet are adjusted so that they make solid contact with the floor to provide stability.



### Voltage Requirements:

Always ensure that the compressor is supplied with the correct voltage as required.

Caution: Voltages lower or higher than the specified range can harm the refrigeration unit.

### Electrical Safety:

All units must be connected to a grounded electrical outlet that is the correct size and has overcurrent protection. For detailed electrical requirements, refer to the specifications on the nameplate of the unit.

- Avoid overloading the outlet to prevent electrical hazards; use a dedicated outlet for your unit that is grounded.
- Ensure your unit is plugged directly into its own outlet, without the use of extension cords.
- When not in use for extended periods, unplug the unit.
- Wait at least 10 minutes after unplugging before reconnection to protect the compressor.
- Do not alter the electrical cord in any way.

# OPERATION

## Start-Up

Connect the cabinet to the power source and begin testing the refrigerator, its lighting, and the electronic controls.

The compressor and condenser fans are expected to run within two minutes after power-up. Confirm their operation by listening for the compressor's activation and feeling for airflow from the vent slots. These fans will cycle on and off based on temperature.

## Loading Products

**Attention:** Wait for the unit to reach the set temperature before loading it with food. Ensure there is ample space around all items for consistent cooling and efficiency.

## Shelf Spacing and Loading:

- Ensure a minimum of 3 inches clearance above items on the top shelf.
- Avoid having products hang over the shelf's edge to keep doors closing correctly.
- Limit shelf weight to 44 lbs. to prevent deformation.
- If shelves begin to flex or bend, reduce the load.

## Temperature Controller Operation:

### To set or change the temperature:

1. Press the 'SET' button for 1 second to enter the set value.
2. When the display blinks, adjust the temperature with the 'UP' or 'DOWN' buttons.
3. Press 'SET' again to save the new temperature setting.

# MAINTENANCE

Always disconnect the unit from the power source before starting any maintenance or cleaning. Never handle the power cord with damp hands.

## **Cleaning the Condenser Coil**

- For the unit to run efficiently, it's crucial to keep the condenser coil clear of dust, dirt, and lint.
- Monthly cleaning of the condenser coil and fins is advised for optimal performance.
- Use a commercial condenser coil cleaner, which you can find at kitchen equipment stores. When cleaning, brush the fins vertically, from top to bottom, rather than horizontally.
- If any fins are bent, gently realign them using a fin comb tool.

## **Cleaning the Fan Blade and Motor**

If needed, gently wipe the fan blades with a soft cloth. To prevent any moisture-related damage, make sure to shield the fan motor during cleaning.

## **Cleaning the Interior of the Unit**

- For the interior, use a gentle solution of warm water and mild soap.
- Avoid using harsh materials like steel wool, caustic cleaners, abrasive cleaning agents, or bleach, as these can harm the stainless steel surfaces.
- Regularly clean the door gaskets, ideally on a weekly basis. Remove the gasket, wash with soapy warm water for 30 minutes, rinse, and dry with a soft cloth before reattaching.
- After reattaching gaskets, check to ensure they are sealing correctly.
- Clean shelves and pilasters periodically by removing them and washing with a mild soap solution. To remove pilasters, first take out the shelves and their brackets, then lift the pilaster out.



# TROUBLESHOOTING

Before requesting any service on your unit, please check the following points. Please note that this guide serve only as a reference for solutions to common problems.

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
Compressor not running	Fuse blown or circuit breaker tripped.	Replace fuse or reset circuit breaker.
	Power cord unplugged.	Plug in power cord.
	Thermostat set too high.	Set thermostat to lower temperature.
	<b>Cabinet in defrost cycle.</b>	<b>Wait for defrost cycle to finish.</b>
Condensing unit runs too long	Excessive warm product in cabinet.	Allow time for product to cool down.
	Prolonged door opening or door ajar.	Close doors when not in use; avoid leaving open too long.
	Door gasket(s) not sealing properly.	Check and replace door gaskets if necessary.
	<b>Dirty condenser coil.</b>	<b>Clean the condenser coil.</b>
Cabinet temperature too warm	Thermostat set too warm.	Set thermostat to lower temperature.
	Airflow blocked.	Re-arrange product to allow for proper airflow.
	Excessive warm product in cabinet.	Allow time for product to cool down.
	Fuse blown or circuit breaker tripped.	Replace fuse or reset circuit breaker.
	<b>Dirty condenser coil.</b>	<b>Clean the condenser coil.</b>
Cabinet is noisy	Loose part(s).	Locate and tighten loose part(s).
	Tubing vibration.	Secure tubing to prevent contact with other parts.



# WARRANTY

## LIMITED WARRANTY

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Koolmore Supply, Inc. extends a limited warranty to the original purchaser, guaranteeing that this Koolmore product is free from manufacturing defects in material or workmanship for one year from the date of purchase. Should you discover any such defect within the warranty period, Koolmore Supply, Inc., reserves the right to repair or replace the product without charge, or to cover the cost of replacement parts and repair labor needed to correct defects present at the time of purchase or resulting from regular usage, when the appliance has been installed, operated, and maintained as per the instructions provided. At its sole discretion, Koolmore Supply Inc. may decide to replace the product. In such an event, your replacement appliance will carry the warranty for the remaining term of the original unit's warranty period. This warranty is valid exclusively to the original purchaser of the product and only applicable within the United States. The warranty commences from the date of original consumer purchase. Proof of the original purchase date will be required to obtain service under this warranty. Under this limited warranty, your sole and exclusive remedy will be product repair, as outlined above. All services must be provided by a Koolmore-designated service company. To claim warranty or request repair service: Email [support@koolmore.com](mailto:support@koolmore.com). Please include your name, address, phone number, warranty repair request, and a copy of your proof of purchase receipt. Alternatively, visit [koolmore.com](http://koolmore.com) and use the contact us page. A Koolmore customer service representative will promptly arrange service for your appliance. We thank you for choosing Koolmore.

## WARRANTY EXCLUSIONS

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This limited warranty will not cover:

1. Failure of the product to perform during power failures or interruptions, or due to inadequate electrical service.
2. Damage incurred during transportation or handling.
3. Damage caused by accidents, vermin, lightning, winds, fire, floods, or acts of God.
4. Damage resulting from accidents, alterations, misuse, abuse, improper installation, repair, or maintenance.

This includes using any external device that alters or converts the voltage or frequency of electricity.

5. Unauthorized product modifications, repairs by unauthorized centers, or use of non-approved replacement parts.
6. Abnormal cleaning and maintenance not aligned with the user's manual.
7. Use of incompatible accessories or components.
8. Any costs associated with repairs or replacements under these excluded circumstances shall be the responsibility of the consumer.

