

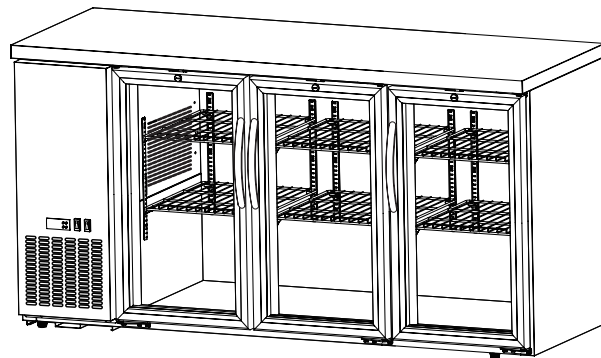


# USER MANUAL

BACK BAR COOLER

## KoolMore Commercial Back Bar Cooler in Black With Side Condenser and LED Lighting

**Models:** KM-BC-2GD-SCBK, KM-BC-2GD-SCSS, KM-BC-3GD-SCBK, KM-BC-3GD-SCSS



***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 Cooler.**

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

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# Safety

## SAFETY PRECAUTIONS

To ensure proper use, please thoroughly study these SAFETY PRECAUTIONS before operating the unit. The purpose of the safety precautions in this manual is to ensure the safe and correct use of the unit to minimize risks that could cause serious damage and injury to you or other persons. The safety precautions are divided into WARNINGS and CAUTIONS.

Cases where improper handling of the unit could lead to death or serious injury are listed under the heading.

### **WARNING!**

However, the cases listed under the **CAUTION!** heading could also lead to serious results.

To ensure safety, adhere strictly to both types of safety precautions.

- Keep ventilation openings in the appliance enclosure or in the built-in structure clear of obstruction.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be carried out by children without supervision.
- The A-weighted emission sound pressure level is below 70 dB(A).
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.
- The appliance shall be disconnected from its power source during cleaning or maintenance and when replacing parts.
- Storage: During periods of inactivity or before storing, remove all beverages from the appliance, disconnect it from the supply, and clean the appliance and its accessories thoroughly. Keep the door(s) of the appliance open to allow all humidity to escape. Prop the door open with a piece of wood or the like to prevent the door from closing completely. Like this, mold or bad smells can be prevented. Store the appliance in a dry, protected environment, preferably at room temperature. To protect the appliance from dust, cover it with a cloth that allows air circulation inside the appliance. You can also store the appliance in its original packaging. Keep the appliance out of reach of children.
- Regularly check the power plug and power cord for damage. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.
- Refrigerants must be evacuated and disposed of by a qualified specialist in accordance with federal and local regulations before the appliance is scrapped.

**CAUTION!** : Please keep the appliance away from fire or similar glowing substances before disposing of it. Please remove the door before you dispose of the appliance.

### **WARNING!**

- Keep ventilation openings in the appliance enclosure or in the built-in structure clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance unless they are of the type recommended by the manufacturer.
- The lamp must be replaced by the user! If the lamp is damaged, contact the customer helpline for assistance.
- To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.
- To reduce flammability hazards, the installation of this appliance must only be carried out by a suitably qualified per-

son.

**WARNING!** Improper handling of the unit could lead to death or serious injury.

**CAUTION!** Improper handling of the unit could lead to serious results depending on the circumstances.

**After reading the instruction manual, store it in an easily accessible place where the user(s) of this product can easily find it.**

**Warning!:** Risk of fire / flammable materials.

**Warning!:** Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

**Warning!:** When positioning the appliance, ensure the supply cord is not trapped or damaged.

**Warning!:** Do not locate multiple portable socket outlets or portable power supplies at the rear of the appliance.

**Warning!:** The refrigerant and insulation blowing gas are flammable. When disposing of the appliance, do so only at an authorized waste disposal center. Do not expose to flame.

## **PRECAUTIONS FOR INSTALLATION**

### **WARNING!**

Installation should be performed only by the dealer or a qualified expert. Attempting to install the unit yourself could result in water leakage, refrigerant leakage, electrical shock, or fire.

## **PRECAUTIONS FOR USE**

### **WARNING!**

- All repairs, disassembly, and modifications should be performed only by qualified technicians. Attempting to perform these yourself could result in a fire, malfunction, and injury.
- Never splash water directly onto the product or wash with water, as short-circuit and electrical leakage could result.
- Never put flammable or volatile substances into the unit, as explosion and fire could result.
- Do not damage, modify, excessively bend, strain, twist, or bundle up the power cord. Also, placing heavy objects on the power cord or squeezing it in a tight place could damage it, possibly resulting in electrical shock or fire.
- Use a dedicated wall outlet. Do not use extension cords or convenience receptacles, as this could result in electrical shock, overheating, and a fire.
- Never use flammable spray cans or leave flammable substances near the unit. Sparks from electrical switches could result in explosion and fire.

The cooler is intended for storage and display of beverages for sale.

Do not use it for other purposes than intended, as this could adversely affect items placed in the unit.  
Never attempt to insert fingers, sticks, etc., into the cold air suction outlet.

A circulation fan is rotating at high speed inside the outlet. Injury, electrical shock, and improper operation could result.  
For indoor use only.

Using the unit in a location exposed to rain could result in electrical leakage and electrical shock.  
Never place heavy objects or items containing water on top of the unit.

Objects could fall down and cause injury, and spilled water could deteriorate the insulation of electrical components and result in electrical leakage.

Install the unit in a location where the floor is sturdy enough to support the load of the unit.

If the floor is not sturdy enough or installation is incorrectly performed, the unit could tip over, and falling shelves and products could cause personal injury.

If you find gas leakage, please don't touch the appliance.

Turn it off and open the doors and windows for ventilation. Gas leakage could cause explosion, fire, and injury.  
Store the unit in a location where it is not exposed to rain.

Using a unit that has been exposed to rain could result in electrical leakage and electrical shock.  
Keep away from hot air sources.

Cooling performance is reduced if the unit is placed near heat sources such as hot plates and stoves or if it is exposed to

direct sunlight.

Leave disassembly and disposal of the unit to qualified experts.

Should the unit need temporary storage, make sure not to store the unit in a location where children play.

Take precautions so that the door cannot be completely closed. This will minimize the risk that a child becomes trapped inside the compartment.

#### **WELL VENTILATED PLACE**

Please make sure there is more than 4 in space between the upright cooler and the wall.

If there is no space, cooling capacity can drop down.

#### **DANGER OF ELECTRICAL SHOCK**

If installation in a damp location is unavoidable, also install an electrical leakage circuit breaker.

If no electrical leakage circuit breaker is installed, electrical shock could result.

#### **CAUTIONS**

- Never hang from the door or climb onto the unit.
- The unit could tip over or fall and cause material damage or injury.  
Disconnect the power cord plug from the wall outlet before moving the unit.
- Make sure that the power cord is not damaged during transport. A damaged power cord could result in electrical shock and/or fire.
- Grasp the handle when closing the door.
- Holding at other positions could result in pinched fingers and injury.
- Do not push hand against or apply excessive force to glass surfaces.
- The glass could break and cause injury.
- When disconnecting the power cord plug from the wall outlet, hold at the plug main body close to the outlet.
- Pulling the cord could cause wire breakage, possibly resulting in overheating and fire.
- Make sure that the unit does not tip over or fall when it is moved.
- A falling unit could cause serious injury.
- Do not throw items onto the shelves or place items totaling more than 55 Lbs on each shelf.
- The shelf could fall down, possibly causing injury.
- Be sure to attach and secure shelves correctly.
- An improperly attached shelf could fall down and cause injury.

# Operation

## BEFORE USE

Important! Allow the appliance to stand upright for at least 24 hours before connecting it to a mains outlet for the first time so that the refrigerant can settle.

Remove shipping packages, tape, etc., and leave doors open. Ventilate for a while.

The unit is cleaned before shipment. However, clean the compartment interior after delivery.

Please insert the power supply plug into the wall outlet, single-phase to correct voltage.

Allow the unit to operate for about 1 hour to cool the compartment before placing items in the cooler.




## WAIT 5 MINUTES OR MORE BEFORE RE-STARTING

Restarting the unit immediately after it has been turned off may cause fuses to blow and activate the circuit breaker. The compressor may be overloaded, and/or other damage may occur.









## TEMPERATURE ADJUSTMENT



### 1. Light indicators status

Indicator Light	Symbol	Status	Meaning
Setting	set	ON	Parameter setting
		OFF	Status of temperature measuring and controlling
Refrigeration		ON	Refrigeration is on
		OFF	Refrigeration is off
		FLASH	Refrigeration delay time
Refrigeration ON		ON	Defrost working
		OFF	Defrost stoped
Fan		ON	Fan is on
		OFF	Fan is off
Defrost Dripping	drip	ON	Start defrost dripping
		OFF	Stop defrost dripping

## Keys Operation

Keys Description	Function	Button Action
Power Switch	Turn on the power or turn off the power	Press the response
Light Switch	Turn on the light or turn off the light	Press the response
	Enter the status of parameter setting (user menu): In the status of temperature measuring and controlling, press Set key for three seconds to enter user menu, it displays the code 50, then press Set key again, display the value of 50 (Factory set value 34°F). It could be modified by pressing the key Up or Down (adjustable range 32-50°F)	Press and hold for 3s
	Enter the status of parameter setting (admin menu): In the status of temperature measuring and controlling, press Set key for three seconds to enter user menu, it displays the code 50, then press Set key again, display the code Pd. Pd is the administrator mode, do not use at will, if necessary, please use under the guidance of customer service	Press and hold for 3s
Switch	Switch between menu and parameter	Press the response
	Adjust menu and parameters	Press the response
	Adjust menu and parameters	Press the response
	Press the  and  keys together for 3 seconds to convert units (Celsius / Fahrenheit).	Pressing the keys for 3s
	In the status of temperature measuring and controlling, press for three seconds to force the switch between refrigeration, defrost/defrost delay, defrost dripping.	Pressing the keys for 3s
	In the state of defrost (Any of the following conditions could stop defrost):	
	1. Evaporator sensor temperature greater than 54°F, defrost is closed.	
	2. Defrost runs for 35 minutes, defrost is closed.	
	3. Hold and press  for three seconds, defrost is closed.	Pressing the keys for 3s
	Under the status of parameter setting, press  or no key operation within 30 seconds; it will exit parameter setting and automatically save the current value.	Press the response



## **DRAIN TRAY**

Defrosting: Defrosting is performed automatically, and drain water is collected in the drain tray.

Water in the drain tray: Water in the drain tray is evaporated automatically. In humid environments, there will be a large amount of water in the drain tray, so please throw away drain water once a day.

## **EFFICIENT USE**

Efficient Use: To prevent cold air from escaping, open and close the door quickly and keep the door opened for as short a time as possible. Install the unit in a place which is well-ventilated.

## **SHELF HEIGHT ADJUSTMENT**

Shelf Height: The shelf height can be adjusted.

Adjustment: Arrange the shelves in accordance with the dimensions of the items to be placed in the cooler.

## **PLACING ITEMS IN THE SHOWCASE**

Placing Items: This showcase employs a forced circulation of cold air system. If circulation of cold air is obstructed, the items will not be adequately refrigerated. Pay attention to the following points:

Do Not Obstruct: Do not let items obstruct the cold air inlet and suction outlet.

Space Between Items: Place items so that they do not protrude from the shelves. The gap between the shelves and the rear panel is for circulation of cold air.

Cold Air: This equipment is intended for storage and display of non-potentially-hazardous bottled or canned products only.

Climate Class:

N: 16-24°C (appliances of climatic class 0.1.2.3.4.6 or 8)

ST: 18-38°C (appliances of climatic class 0.1.2.3.4.6 or 8)

SN: 10-32°C (appliances of climatic class 0.1.2.3.4.6 or 8)

T: 18-43°C (appliances of climatic class 0.1.2.3.4.6 or 8)

# Maintenance

## CLEANING

**WARNING:** To prevent any electrical shock hazards or injury by rotating circulation fan, always disconnect the power cord plug from the wall outlet before cleaning.

### EXTERIOR AND COOLER COMPARTMENT

Exterior: Wipe with a soft, dry cloth. If very soiled, wipe with a cloth that has been moistened with a detergent.

Cooler Compartment: Clean with a cloth that has been dipped in water.

Warning: Do not splash water directly onto the cooler and do not wash with water.

#### **Attention:**

Do Not Use: Do not use polishing powder, soap powder, benzene, oil, or hot water as these will damage the painting and plastic components.

Cleaning Tools: Use a soft cloth or a cleaner for plastic products.

## CHECKS

Ensure Safety: Regularly check the following checks after cleaning:

Plug Insertion: Is the power cord plug firmly inserted into a dedicated wall outlet? Confirm that the plug is not abnormally hot.

Cord Condition: Is the power cord damaged or deformed? If the slightest irregularity is observed, contact the dealer from whom you purchased this unit or our customer service.

# Troubleshooting

## BEFORE REQUESTING SERVICE

Please check the following items if you encounter problems with the unit. If the problem continues after taking the proper remedial actions, disconnect the power cord plug from the wall outlet. Transfer the items stored in the cooler to a box or other container. Then contact the dealer from whom you purchased this unit and be ready to provide information as listed in "REQUIRED INFORMATION" below.

## CAUTION!

*To prevent any electrical shock hazards, do not disconnect the power cord plug from the wall outlet with wet hands.*

Problem	Solution
<b>Power Failure</b>	Action:
	Keep opening and closing of the door to a minimum.
	Details:
	Avoid placing new items in the cooler as this will raise the temperature inside the compartment.
<b>Prolonged Non-Use</b>	Action:
	Remove all items from the compartment, disconnect the power cord plug from the wall outlet, clean the compartment, and wipe away all water.
	Details:
	To prevent mold formation and bad smell, leave the door open to dry the compartment completely.
<b>Transport</b>	Action:
	Disconnect the power cord plug from the wall outlet.
	Details:
	When moving the cooler, make sure that the feet do not damage the power cord. Do not drag the feet against the floor, door steps, thresholds, etc.
<b>Temporary Storage</b>	Action:
	Avoid placing the cooler at a location where children play.
	Details:
	Make sure not to store the unused cooler at a location where children play. If the door is not completely closed, children might get locked inside.

# Troubleshooting

Problem	Possible Causes	Solution
No Refrigeration at all	- Is the power supply interrupted?	- Check the power supply and ensure it is connected.
	- Is the power cord plug disconnected from the wall outlet?	- Make sure the power cord is plugged into the outlet securely.
	- Is the power cord plug disconnected from the wall outlet?	- Ensure the power switch is in the "on" position.
	- Are all feet in firm contact with the floor?	- Verify that the circuit breaker is not tripped.
Inadequate Refrigeration	- Is the temperature setting appropriate?	- Adjust the temperature setting to a cooler level.
	- Are items obstructing the cold air inlet and suction outlet?	- Rearrange items to ensure airflow is not obstructed.
	- Is the door open or being opened and closed frequently?	- Minimize door opening and ensure it is closed properly when not in use.
	- Is the condenser clogged?	- Clean the condenser to ensure proper cooling.
Excessive Noise	- Is the appliance not level?	- Ensure the appliance is level and all feet are touching the floor.
	- Are all feet in firm contact with the floor?	- Adjust the feet if necessary to stabilize the cooler.
	- Are objects in contact with the exterior?	- Check for and remove any objects that might be touching the exterior.
Condensation on Cooler Exterior	- Condensation may occur on the exterior and door during hot and humid days depending on the place of installation. This is normal due to high humidity and water particles in the air.	- Wipe away condensation with a dry cloth. Ensure the cooler is in a less humid environment if possible.

## REQUIRED INFORMATION

Nature of malfunction (as accurately as possible)	
Product model number	
Serial number on rating label	
Customer's name	
address	
phone number	
date of purchase	



# WARRANTY

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## LIMITED WARRANTY

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.

