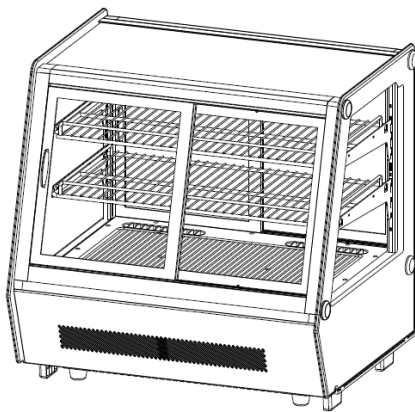




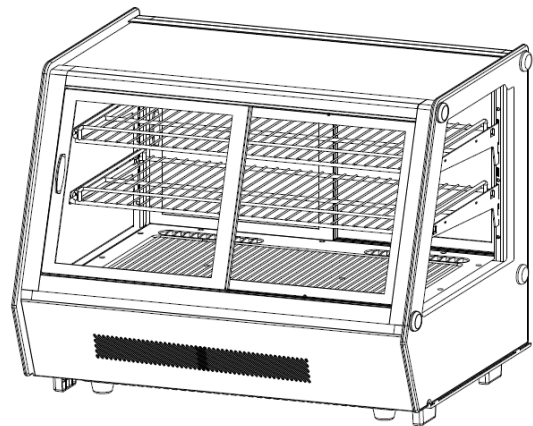
DISPLAY REFRIGERATOR

Commercial Self-Service Countertop Display Refrigerator

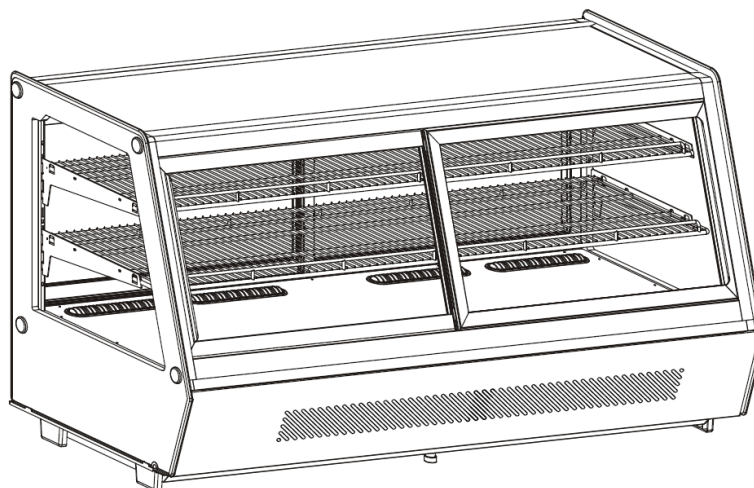
Models: CDC-125-BK, CDC-125-WH, CDC-165-BK, CDC-165-WH, CDC-250-BK, CDC-250-WH



CDC-125



CDC-165



CDC-250

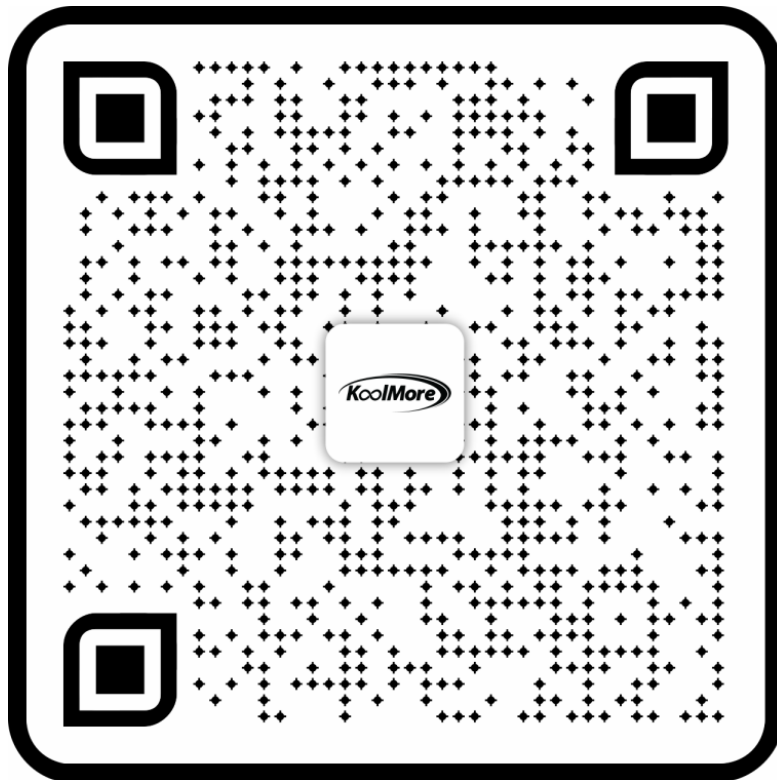
Before use, please read these instructions carefully to ensure proper operation and optimal performance.

For any service related issues, please contact us:

☎ 718-576-6342 ✉ support@koolmore.com

Stay informed with the latest information for your KoolMore appliance.

Scan the QR code below to access the most up-to-date user manual.



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

Phone: 718-576-6342 Email: support@koolmore.com

Please write down the model number and serial number below for future reference. Both numbers are located on the rating label on the back of your unit or inside the unit and are needed to obtain warranty service. You may also want to staple your receipt to this manual as it is your proof of purchase and may also be needed for service under warranty.

Model Number: _____

Serial Number: _____

Date of Purchase: _____

To better serve you, please do the following before contacting customer service:

If you received a damaged product, immediately contact the retailer or dealer that sold you the product.

Read and follow this User Manual carefully to help you install, use, and maintain your unit.

Refer to the Troubleshooting section of this manual as it will help you diagnose and solve many common issues.

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Safety

Important Safety Instructions

Read this manual carefully before installing or operating the appliance. Keep these instructions for future reference.



WARNING – Flammable Refrigerant (R290)

This appliance uses **R290 (propane) refrigerant**, which is environmentally friendly but flammable. Failure to follow these safety instructions may result in fire or explosion.

- Do not damage the refrigerant circuit.
- Keep the appliance away from open flames, sparks, and other ignition sources.
- Do not use mechanical devices or other means to accelerate the defrosting process unless recommended by the manufacturer.
- Do not use electrical appliances inside the storage compartment unless recommended by the manufacturer.
- If the refrigerant circuit is damaged, disconnect the appliance from the power supply, ventilate the area thoroughly, and avoid all sources of ignition.
- Repairs to the refrigeration system must only be performed by qualified service personnel.

General Safety

- This appliance is intended for commercial indoor use only.
- Use the appliance only for displaying and storing refrigerated food and beverages.
- Do not store flammable, explosive, or corrosive materials inside or near the appliance.
- Keep all ventilation openings free from obstruction.
- Do not block the interior air inlet or outlet, as this may reduce cooling performance.
- Allow hot food to cool to room temperature before placing it inside the cabinet.
- Do not overload the shelves. Maximum shelf load: 33 lbs.
- Do not touch the compressor during operation, as it may become hot.
- Do not modify or drill into the cabinet.
- Repairs and servicing must only be performed by qualified technicians.

Electrical Safety

- Connect the appliance only to a properly grounded **110–120 V, 60 Hz** dedicated outlet.
- Do not use extension cords, power strips, or adapters.
- Do not damage, pinch, or place heavy objects on the power cord.
- If the power cord is damaged, it must be replaced by the manufacturer, an authorized service agent, or a similarly qualified technician.
- Disconnect the appliance from the power supply before cleaning, servicing, or moving it.
- After a power outage or unplugging the appliance, wait at least 5 minutes before reconnecting the power.

Operating Safety

- Minimize the frequency and duration of door openings to maintain proper cabinet temperature.
- Adjust the shelf positions before loading products.

- Do not use mechanical devices or other means to accelerate defrosting unless recommended by the manufacturer.
- Do not use electrical appliances inside the cabinet unless recommended by the manufacturer.
- Do not store medicine unless the appliance is specifically designed for pharmaceutical storage.
- Do not store aerosol cans with flammable propellants inside the appliance.

Child Safety

- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or by those lacking experience or knowledge unless supervised by a responsible person.
- Children should be supervised to ensure they do not play with the appliance.

Glass Panel Safety

CAUTION: This appliance features tempered glass panels. Handle the unit carefully and avoid impacts or excessive force, as broken glass may cause injury.



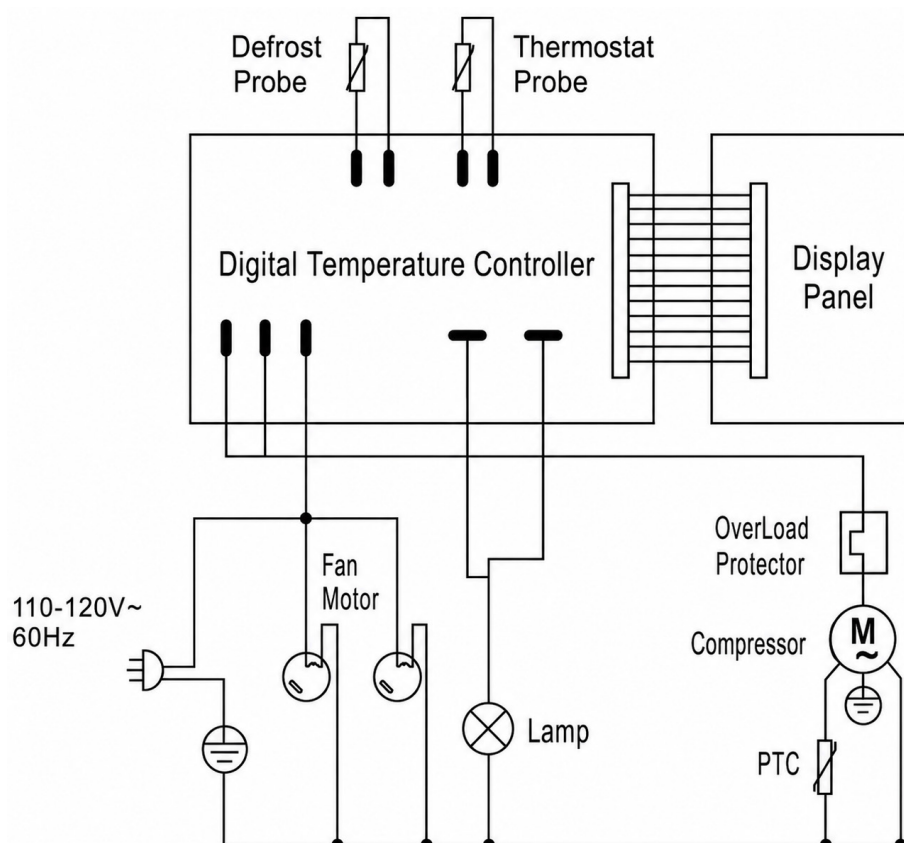
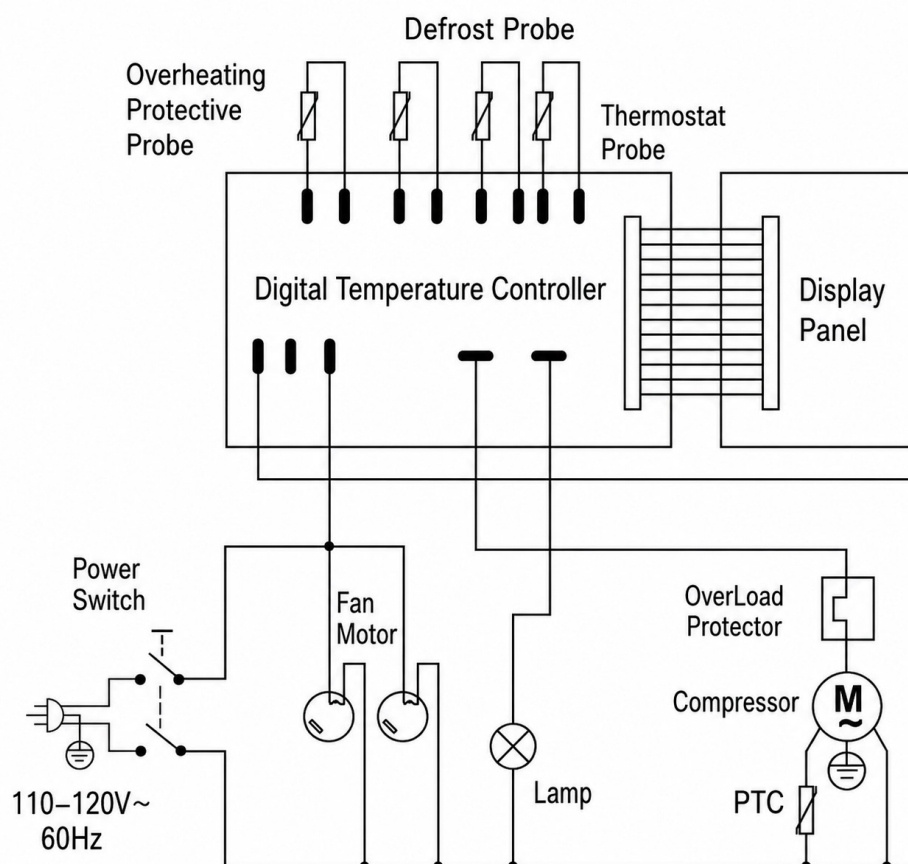
Disposal Information

The crossed-out wheeled bin symbol indicates that this appliance must not be disposed of with household or municipal waste.

Dispose of the appliance through an authorized electrical and electronic equipment recycling facility in accordance with local regulations. Proper disposal helps protect the environment and human health.

Technical Data

Circuit Diagram



Major Parameters

Model	CDC-125-BK	CDC-125-WH
Coolant and Injection Quantity (g)	R290 (55)	R290 (55)
Type of Climate	4	4
Refrigeration Temperature (°F)	32°F – 53.6°F	32°F – 53.6°F
Electric Shock Protection Class	I	I
Total Effective Volume (Cu.Ft)	4.4	4.4
Overall Dimension (IN) (L × W × H)	27.6" × 22.3" × 27"	27.6" × 22.3" × 27"
Net Weight (LB)	119	119
Rated Voltage (V)	110–120V~	110–120V~
Rated Current (A)	3	3
Rated Frequency (Hz)	60	60
Lamp Power (W)	3.2	3.2

Model	CDC-165-BK	CDC-165-WH
Coolant and Injection Quantity (g)	R290 (69)	R290 (69)
Type of Climate	4	4
Refrigeration Temperature (°F)	32°F – 53.6°F	32°F – 53.6°F
Electric Shock Protection Class	I	I
Total Effective Volume (Cu.Ft)	5.8	5.8
Overall Dimension (IN) (L × W × H)	34.6" × 22.3" × 27"	34.6" × 22.3" × 27"
Net Weight (LB)	145.5	145.5
Rated Voltage (V)	110–120V~	110–120V~
Rated Current (A)	3	3
Rated Frequency (Hz)	60	60
Lamp Power (W)	3.2	3.2

Model	CDC-250-BK	CDC-250-WH
Coolant and Injection Quantity (g)	R290(75)	R290(75)
Type of Climate	4	4
Refrigeration Temperature (°F)	32°F – 53.6°F	32°F – 53.6°F
Electric Shock Protection Class	I	I
Total Effective Volume (Cu.Ft)	7.1	7.1
Overall Dimension (IN) (L × W × H)	48" × 22.4" × 27"	48" × 22.4" × 27"
Net Weight (LB)	198.4	198.4
Rated Voltage (V)	110–120V~	110–120V~
Rated Current (A)	3.5	3.5
Rated Frequency (Hz)	60	60
Lamp Power (W)	3.2	3.2

NOTE

- If there is any discrepancy between this manual and the product nameplate, the information on the product nameplate shall prevail.

Installation

Before Installation

- Remove all packaging materials, tape, and protective film from the appliance.
- Inspect the unit for shipping damage. Do not install or operate a damaged appliance.
- After transportation, keep the refrigerator upright for at least 2 hours before connecting power. This allows the refrigerant to stabilize.

Installation Location

Install the appliance indoors in a clean, dry, and well-ventilated location.

- Place the refrigerator on a level, stable surface capable of supporting the unit when fully loaded.
- Keep the appliance away from direct sunlight, ovens, heaters, and other heat sources.
- Do not install the unit outdoors or in damp environments.
- Avoid locations exposed to excessive dust or moisture.

Ventilation Requirements

Proper airflow is essential for efficient operation.

- Maintain at least 4 in. of clearance at the rear and both sides of the appliance.
- Do not block the ventilation openings.
- Insufficient airflow may reduce cooling performance and increase energy consumption.

Electrical Requirements

- Connect the refrigerator to a dedicated, properly grounded 110–120 V, 60 Hz electrical outlet.
- Do not use extension cords, power strips, or adapters.
- Do not connect other appliances to the same outlet.
- Position the power cord where it cannot be pinched, damaged, or create a tripping hazard.

Leveling the Appliance

- Place the refrigerator on a flat, solid surface.
- Proper leveling helps ensure stable operation and smooth door closing.

Before First Use

1. Clean the interior with a soft cloth and mild detergent.
2. Connect the appliance to the power supply.
3. Allow the refrigerator to reach the desired operating temperature before loading products.
4. Load products evenly, leaving space around items to allow proper air circulation.

Installation Notes

- Never tilt the appliance more than **45°** during transportation or installation.
- Do not place heavy objects on top of the refrigerator.
- Do not drill holes into or modify the cabinet.
- Keep the appliance in a dry, well-ventilated location.
- Ensure the ventilation openings remain unobstructed at all times.

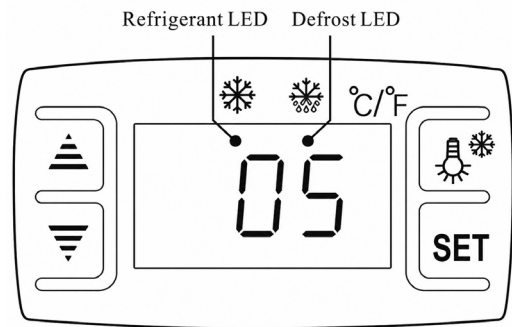
Operation

Digital Temperature Controller

Controller Features

The digital controller provides:

- Temperature display and adjustment
- Automatic defrost control
- Interior light control
- Temperature parameter storage
- Self-diagnostic function
- Parameter lock



Temperature Adjustment

1. Press the **SET** button once to display the current set temperature.
2. Press the ▲ or ▼ button to adjust the desired temperature.
3. Press **SET** again to save the setting, or wait several seconds for the controller to save automatically.
4. The display will return to the cabinet temperature after approximately 10 seconds.

Interior Light and Manual Defrost

- Press the **Light** button to turn the interior light on or off.
- Press and hold the **Light** button for approximately **6 seconds** to start or stop a manual defrost cycle.

Indicator Lights

Refrigeration Indicator

- Illuminates while the refrigeration system is operating.
- Flashes when the cabinet temperature has reached and is maintaining the set temperature.

Defrost Indicator

- Illuminates during the defrost cycle.
- Turns off automatically when defrosting is complete.

Controller Reset

If the controller displays an error code, reset the controller as follows:

1. Press and hold the ▲ button for approximately **2 seconds** until the buzzer sounds.
2. Immediately press and hold the ▼ button for approximately **6 seconds** until the buzzer sounds again.
3. The display will flash for several seconds and the controller will return to its factory default settings.

Operating Guidelines

For best performance:

- Minimize how often and how long the door is opened to help maintain a stable internal temperature.
- Do not block the interior or exterior air vents.
- Do not overload the shelves, as this may reduce cooling performance.
- Allow hot food to cool to room temperature before placing it inside the refrigerator.
- Adjust the shelves as needed to allow proper airflow around stored products.
- Operate the refrigerator at an ambient temperature between 60.8°F and 89.6°F (16°C to 32°C).
- Do not exceed the maximum shelf load of 33 lbs per shelf.

Maintenance

General Maintenance

To keep the refrigerator operating efficiently, clean and inspect it regularly.

- Disconnect the power before cleaning or performing maintenance.
- Do not use a damaged power cord or loose electrical outlet.
- Do not clean the appliance with excessive water or use abrasive brushes.
- Do not use gasoline, acetone, strong solvents, or abrasive cleaners, as they may damage the finish and plastic components.

Cleaning the Exterior

1. Disconnect the power.
2. Wipe the exterior with a soft cloth dampened with warm water and a mild detergent.
3. Dry all surfaces thoroughly with a clean, soft cloth.

Cleaning the Interior

1. Disconnect the power and remove all stored products.
2. Remove the shelves to allow easier access to the interior.
3. Clean the interior surfaces with a soft cloth and a mild detergent solution.
4. Wipe with clean water and dry thoroughly before reinstalling the shelves and reconnecting power.

Note: Do not use abrasive cleaners, steel wool, or sharp objects, as they may damage the interior surfaces.

Extended Shutdown

If the refrigerator will not be used for an extended period:

1. Disconnect the power.
2. Remove all food and beverages.
3. Clean and dry the interior and exterior thoroughly.
4. Leave the door slightly open to prevent moisture buildup and odors.
5. Store the appliance in a clean, dry location.

LED Light Replacement

The LED light is not user-serviceable.

If the LED light fails or becomes damaged, contact KoolMore Customer Support or a qualified service technician for replacement. Do not attempt to replace the LED light yourself.

Troubleshooting

Problem	Possible Cause	Solution
Refrigerator is not cooling	- Power cord is not plugged in. - No power to the outlet or a blown fuse/tripped circuit breaker.	- Ensure the power cord is securely plugged into a grounded outlet. - Check the household electrical supply and reset the breaker or replace the fuse if necessary.
Cooling performance is poor	- Refrigerator is installed near a heat source or in direct sunlight. - Insufficient ventilation around the unit. - Door is not fully closed or has been opened frequently. - Door gasket is dirty, damaged, or not sealing properly. - Cabinet is overloaded or airflow is blocked. - Temperature setting is too warm.	- Move the refrigerator to a well-ventilated location away from heat sources and direct sunlight. - Maintain the recommended clearances around the refrigerator. - Close the door completely and minimize door openings. - Clean the gasket and inspect it for damage. Replace if necessary. - Arrange products to allow proper air circulation and avoid blocking the air inlet or outlet. - Adjust the temperature to a colder setting and allow time for the cabinet to stabilize.
Excessive noise	- Refrigerator is not level. - Refrigerator is touching a wall or nearby object. - Loose components or stored items are vibrating.	- Adjust the leveling feet until the unit is stable. - Move the unit to provide adequate clearance. - Inspect the refrigerator and secure any loose parts or reposition stored items.

Normal Operating Conditions

The following conditions are normal and do not indicate a malfunction:

- A humming, bubbling, or gurgling sound may be heard during operation as refrigerant circulates through the cooling system.
- Condensation may form on the exterior of the cabinet in hot or humid environments. This is normal and can be wiped away with a soft cloth.
- The compressor and condenser fan may cycle on and off periodically to maintain the set temperature.



WARRANTY

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.

KoolMore shall not be responsible or liable for any loss, spoilage, or damage to food, beverages, pharmaceuticals, medical supplies, or any other contents stored in the unit resulting from failure, malfunction, defects, improper installation, improper use, power interruption, or any other cause. Any such losses are expressly excluded from coverage under this warranty.

To claim warranty or request repair service:

Email 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 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

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.

