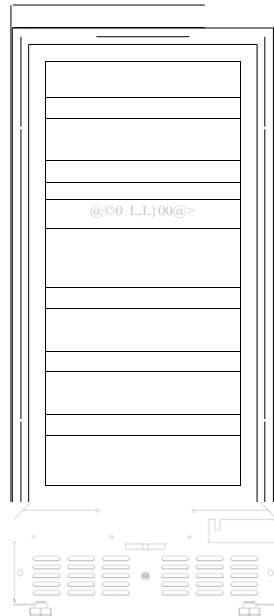


USER MANUAL

KOOLMORE RESERVE WINE COOLER PANEL READY

Models:

KM-CW28DZ-BPR, KM-CW28DZ-WPR, KM-CW46DZ-BPR
KM-CW46DZ-WPR, KM-CWB24-BPR, KM-CWB24-WPR



For any service related
issues, please contact us:

718-576-6342

!BJ support@koolmore.com

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

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

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

INTRODUCTION

INSTALLER: Leave these instructions with the appliance.

CUSTOMER: Read this manual carefully before installing and starting up, and save it for future use. If you pass on the product to another person, hand over this instruction manual along with it. Retain your sales receipt or canceled check. Proof of original purchase date is required for warranty service.

Have the complete model and serial number identification of your appliance ready. These numbers are found on the rating label located inside the door. Record these numbers below for easy access.

Model number _____
Serial number _____
Date of purchase _____

Since we continually improve the quality and performance of our products, we may make changes to the appliance without updating this manual.

ABOUT SAFETY INSTRUCTIONS

Your safety and the safety of others are very important in this manual and on your appliance. Messages we have provided many important safety messages. And have provided on your appliance. Always read and obey all safety messages. The Important Safety Instructions and warnings in this manual are not meant to cover all possible problems and situations that can occur. Use common sense and caution when installing, maintaining or operating this or any other appliance. Always contact the Customer Service Team about problems or situations that you do not understand.

DANGER

IMPORTANT: Risk of child entrapment'
Child entrapment and suffocation are not problems of the past. Junked or abandoned appliances are still dangerous, even if they will "just sit in the garage a few days".

Before you throw away your old refrigerator or freezer:

- Take off the doors.
- Leave the shelves in place so that children may not easily climb inside.
- Cut the prongs off the power plug and discard them.
- Cut the power cable off and discard it separately from the old appliance.

IMPORTANT: To avoid the possibility of explosion or fire, do not store or use combustible (flammable) or explosive vapors and liquids, such as gasoline inside or in the vicinity of this or any other appliance.

WARNING

IMPORTANT: This appliance is equipped with a three-prong grounding electric plug for protection against possible electric shock hazards. It must be plugged into a dedicated, grounded electrical outlet. If only a two-prong electrical outlet is available, it is the responsibility of the customer to have it replaced with a dedicated, properly grounded three prong electrical outlet.

- DO NOT cut or remove the third (ground) prong from the power cord.
- DO NOT use an adapter.
- DO NOT use a power cord that is frayed or damaged.
- DO NOT use extension cords.
- Keep the power cord away from heated surfaces.

NOTE: Use of an electrical outlet with a ground fault interrupter (GFI) is not recommended.

State of California Proposition 65 Warnings:

WARNING: This product may contain one or more chemicals known to the State of California to cause cancer.
WARNING: This product may contain one or more chemicals known to the State of California to cause birth defects or other reproductive harm.

SAFETY

To reduce the risk of fire, electrical shock or injury when using the appliance, follow basic precautions, including the following:

WARNINGS

If you receive a damaged product, immediately contact your dealer or builder. Do not install or use a damaged appliance.

Use this appliance only for its intended purposes. Do not use it to store beverage products, the storage of wine and perishable food, medicine or other medical products if they are not pharmacy appliances. It is not intended for commercial or industrial use for household use only units.

Make sure that this appliance has been properly installed according to the installation section. Make sure you know the location of the electrical outlet so that you know where and how to disconnect power. Making sure the appliance is properly installed is the responsibility of the customer.

This appliance is not designed for installation in a recreational vehicle or boat. To prevent personal injury, property damage or damage to the unit, this appliance should only be unpacked and set up by two people according to the installation section.

Do not install or use outdoors or in wet conditions for indoor use only units.

Do not place another appliance on top of the appliance.

Keep packaging materials away from children. Plastic sheets and bags can cause suffocation.

Connect this appliance to a 115 Vac, 15 Amp, circuit that is controlled by a circuit breaker or fuse.

This appliance should have its own separate grounded circuit.

Do not kink or pinch the power supply cord of the appliance. Never unplug the appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the electrical outlet.

To avoid an electric shock hazard, do not operate this appliance with wet hands, or while standing in water or on a wet surface. Disconnect this appliance when not in use.

Do not install, repair or replace any part of the appliance unless specifically recommended in the literature accompanying it. A qualified service technician should perform all other service.

Before performing any type of service, disconnect the unit from the electrical outlet. If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similar qualified person in order to avoid a hazard.

Do not tamper with the controls.

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 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.

Never allow anyone, including children to sit, stand or climb on any part of the appliance, including the door. Doing so may cause damage, serious injury or death.



Warning: Risk of Fire/ Flammable Materials.

This appliance is CFC and HFC free and contains small quantities of Isobutane (R600a) which is environmentally friendly, but flammable. Great must be taken during transportation and setting up of the appliance so that no parts of the cooling system are damaged. Leaking coolant can ignite and may damage the eyes. In the event of any damage:

Avoid open flames and anything which creates a spark.

Disconnect the power cord from the electrical outlet.

Air the room in which the appliance is located for several minutes and contact the Customer Service for advice.

The more coolant there is in an appliance, the larger the room it should be installed in. In the event of a leakage, the appliance is in a small room, there is the danger of combustible gases building up. For every ounce of coolant, at least 325 cubic feet of room space is required. The amount of coolant in the appliance is stated on the data label inside the door. It is hazardous for anyone other than factory authorized service personnel to carry out service or repairs on this appliance. Replacing component parts and 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.

Take serious care when handling, moving, and using the appliance to avoid either damaging the refrigerant tubing, or increasing the risk of a leak.

Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction. No liability will be accepted for any damage incurred owing to misuse of the appliance or as a result of repairs carried out by unqualified personnel. In this case neither the guarantee nor any other liability claims will apply.

Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).

Do not pierce or burn. Do not damage the refrigerant circuit. Never use an appliance with a damaged circuit.

Be aware that refrigerants may not contain an odour.

Do not use any electrical appliance inside the food storage compartment of the appliance, unless they are of the type recommended by the manufacturer.

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

To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.

Danger of injury from LED lamp. If the cover is defective: do not look directly into the illumination.

The optical lenses from [plastic, possibly with eyes can be injured.

When positioning the appliance, ensure the supply cord is not trapped or damaged.

Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

Glass breakage. Danger of injury from broken glass. If installed at altitudes above 1500m there is a risk of the glass in the door breaking because of changes in air pressure. Shards of glass can cause severe injury if not handled with care.

To avoid contamination of food, please respect the following instructions:

Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.

Clean regularly surfaces that can come in contact with food and accessible drainage system.

Clean water tanks if they have not been used for 48 hours, flush the water system connected to a water supply if water has not been drawn for 5 days.

Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.

Two-star frozen-food compartments are suitable for storing pre-frozen food, storing or making ice cream and making ice cubes.

One, two, and three-star compartments are not suitable for the freezing of fresh food.

If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.

CAUTION

Keep fingers out of the "pinch point" areas. Clearances between the doors and between the doors and cabinet are necessarily small. Be careful closing doors when children are in the area.

Do not cover shelves with aluminum foil or any other shelf material which may prevent air circulation. In the event of a power outage, minimize opening the door.

Never clean appliance parts with flammable fluids. These fumes can create a fire hazard or explosion. And do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. The fumes can create a fire hazard or explosion.

Do not use solvent-based cleaning agents or abrasives on the interior. These cleaners may damage or discolor the interior.

Please keep the products away from the fire or similar glowing substance before you dispose the appliance.

Regarding the information pertaining to the use of the appliance, thanks to refer to the below paragraph of the manual.

Regarding the method for replacing illuminating lamps (if the lamps can be replaced by the user), thanks to refer to the below paragraph of the manual.

This appliance is intended to be used in household and similar applications such as:

staff kitchen areas in shops, offices and other working environments;

farm houses and by clients in hotels, motels and other residential type environments;

bed and breakfast type environments;

catering and similar non-retail applications.

If you have a lockable appliance, do not keep the key near the appliance or within reach of children.

It is recommended that a separate circuit serving only your appliance be provided. Use receptacles that cannot be turned off by a switch or pull chain.

Disposal:

Dispose of your appliance packaging properly. Ensure that any plastic wrappings, bags etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation!

Refrigeration equipment must be properly disposed of in a professional and appropriate way, in accordance with the current local regulations and laws which protects the environment this applies to your old appliance and to your new unit once it has reached the end of its service life.

WARNING: Please ensure that old, worn appliances are rendered unusable before disposal by removing the doors, removing the plug, cutting the network cable, and removing or destroying any snap fastenings or bolts. You will thus prevent children from locking themselves in the appliance during play (risk of suffocation) or endangering their lives in any other way. DO NOT dispose of the appliance in landfill as the insulation (Cyclopentane) and refrigerant gas (R600a) contained in these appliances are flammable.

Disposal instructions:

The appliance must not be disposed of in the dustbin or with normal household rubbish.

The coolant circuit, particularly the heat exchanger at the back/bottom of the unit, must not be damaged.

The appliance is not to be handled as normal household waste but is to be taken to a recycling collection point for electrical and electronic goods. By correctly disposing of this product you are contributing to the protection of the environment and to the health of your fellow human beings.

Improper disposal endangers health and the environment. Further information about the recycling of the product may be obtained from your town hall, refuse collection department or the store where you purchased the product.

PRODUCT FEATURES

- Built-in or Free-standing installation with single, dual or three temperature zone, depending on your model.
- Continuously variable electronic temperature control with digital display and SMARTLIGHT touchpad input.
- Temperature can be set from 5° to 20°C (41° to 68°F) for either compartment and can be displayed in either Fahrenheit or Celsius degrees.
- Can be set to the long time storage maturing temperature or a specific serving temperature for red/white/sparkling wines.
- Cooling and Heating to maintain the perfect storage and/or service condition.
- Dynamic compressor type cooling to ensure interior air circulation with even distribution of temperature and humidity.
- Soft LED Interior Light with ON/OFF switch - Function mode and Showcase mode.
- Adjustable display brightness and interior lighting brightness.
- Open-door and malfunction warning system.
- Shabbos mode will allow the lights to remain off during Shabbos and Yorn Tov (Jewish Holidays).
- Temperature memory function - If power is interrupted (power surge, breaker switch, etc.) and then powered up again, the unit will operate with the last temperature set-point.
- Automatic defrosting with defrost water evaporation.
- Reversible tempered double/triple pane smoked glass door protects your wine from UV light and creates an attractive display with minimal condensation and low noise.
- Black coated matte steel outer frame and black plastic interior liner offer lifetime performance and stability. The black liner prevents excessive light from damaging the maturing process.
- Optional stainless steel-framed glass door with stainless steel handle.
- Optional roll-out and adjustable solid varnished beech shelves allow for maximum convenience and flexibility to accommodate various size bottles.
- Environmentally friendly refrigerant and foaming insulation gas.
- Optional humidity control system (Humidity Box).
- Optional security lock system with keys.
- Optional advanced control system.
- Optional active charcoal air filter.

NOTE: Features and specifications are subject to change without notice.

INSTALLATION

Before First Use:

- Remove all exterior and interior packing. Clean the interior surface with lukewarm water using a soft cloth. The unit may have residual odors at first, they will disappear as the unit cools.
- Important: Before connecting the Wine Cellar to the power source, let it stand upright for approximately 24 hours. This will reduce the possibility of a malfunction in the cooling system caused by handling during transportation to ensure that oil flows back into the compressor. During this time we recommend that you leave the door open to clear any residual odors.
- The door on this appliance can be opened from either the left or the right side. The unit is delivered with the door opening on the left side. Should you wish to open the door from the right, follow the instructions "Reversing the Door Hinge".
- Install the handle on the door if necessary.

Installation Tips:

WARNING

This appliance must be installed in accordance with all local codes and ordinances.

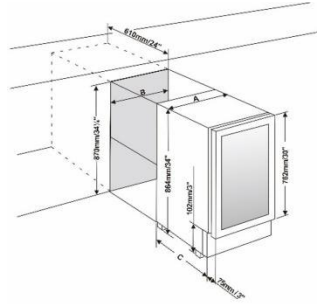
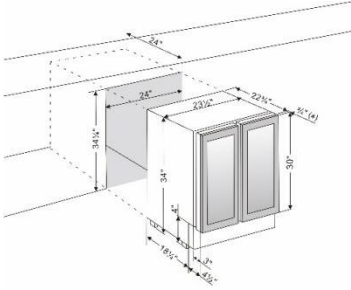
1. The appliances are designed to be built-in or recessed or free-standing installation.
2. CAUTION: This appliance is designed for storing and cooling wines, beverages and drinks. Do not store perishable food, medicine or other medical products.
3. Place your appliance on a floor/surface that is strong enough to support it when it is fully loaded. To level your unit, adjust the front adjustable legs at the bottom of the unit.
4. For freestanding installation, 5 inches (127mm) of space between the back and sides of the unit are suggested, which allows the proper air circulation to cool the compressor and condenser for energy saving. Even with built-in installation, it is a must to keep ¼" (5mm) space on each side and at the top to ensure proper service access and ventilation. Take care that the air vent at the front of the appliance must never be covered or blocked in any way.
5. Locate the unit away from direct sunlight and sources of heat (stove, heater, radiator, etc.). Direct sunlight may affect the acrylic coating and heat sources may increase electrical consumption. Extreme cold ambient temperatures may also cause the unit not to perform properly.
6. Avoid locating the unit in damp areas.
7. Plug the unit into an exclusive, easily accessible and properly grounded wall outlet. Do not under any circumstances cut or remove the third (ground) prong from the power cord. Any questions concerning power and/or grounding should be directed towards a qualified electrician or an authorized products service centre.
8. The appliance must be installed to all electrical, plumbing, water and drain connections in accordance with state and local codes.
9. IMPORTANT: HIGH HUMID CLIMATE. During periods of high humidity, some condensation may appear on outside surface of glass door. This condensation will disappear when humidity levels drop. For prevention, it is advisable to install the appliance with sufficient ventilation in a dry and/or air-conditioned environment.
10. NOTE: Make sure that the socket and ON/OFF switch are easily accessible after the appliance has been installed.

BUILT-UNDER INSTRUCTIONS

Make sure your installation does not block the front ventilation grille.

If the unit is fully integrated to be installed for fitting kitchen plinth, make sure that the ventilation gaps in the plinth are at least 300 square centimeters and remove the ventilation grilles, so that warm air can disperse unhindered. Otherwise the appliance has to work harder, resulting in an increase in electricity consumption.

NOTE: When pushing the appliance into the niche, make sure that the mains cable does not get trapped.



KM-CWB24-PR

(*) The custom panel and handle are not provided.

	A (mm/Inch)	B (mm/Inch)	C (mm/Inch)
CW2 8DZ	375/14 3/4"	380/15"	495/19 1/2"
CW4 6DZ	595/23 1/2"	610/24"	495/19 1/2"

ELECTRICAL CONNECTION

Check that the voltage marked on the product corresponds with your supply voltage.

WARNING

Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged, have it replaced by a qualified electrician or an authorized service center.

This appliance should be properly grounded for your safety. The power cord of this appliance is equipped with a three-prong plug which mates with standard three-prong wall outlets to minimize the possibility of electrical shock.

Do not under any circumstances cut or remove the third (ground) prong from the power cord supplied. For personal safety, this appliance must be properly grounded.

This appliance requires a standard 115/120 Volt AC ~ 60Hz three-prong grounded electrical outlet. Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded. When a standard 2-prong wall outlet is encountered, it is your responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.

To prevent accidental injury, the cord should be secured behind the appliance and not left exposed or dangling.

The appliance should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating label on the appliance. This provides the best performance and also prevents overloading house wiring circuits that could cause a fire hazard from overheating. Never unplug the appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the receptacle. Repair or replace immediately all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end. When moving the appliance, be careful not to damage the power cord.

EXTENSION CORD

Because of potential safety hazards under certain conditions, it is strongly recommended that you do not use an extension cord with this appliance. However, if you must use an extension cord it is absolutely necessary that it be a UL/CUL-Listed, 3-wire grounding type appliance extension cord having a grounding type plug and outlet and that the electrical rating of the cord be 115 volts and at least 10 amperes.

REVERSING THE DOOR HINGE

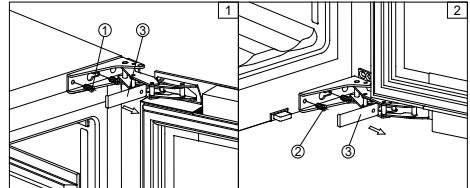
It is possible to reverse the door on this appliance, if required.

To do so, follow the steps below:

Note: All parts removed must be saved to do the re-installation of door.

WARNING

Use extreme caution with the articulated hinges. The hinge is self-closing and many pinch points exist prior to built-in installation



Remove the cover cap (3) and then remove the glass door by unscrewing the four screws (1) and (2). Be careful to hold the glass door firmly after removing the screws and place it on a padded surface to avoid the risk of damage.

Pop out the cover caps on the left side of cabinet and use them to cover the screw holes on the right hand side.

Rotate the glass door 180° and refit the glass door to the opposite side. Then screw and tighten it after the door is leveled.

ANTI-TIP BRACKET INSTALLATION

To reduce the risk of tipping the unit by abnormal usage or improper loading, the appliance must be secured by properly installing the anti-tip device (if your model supplied with it) packed with the appliance.

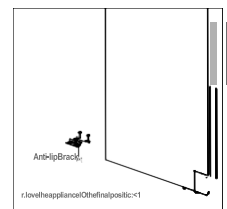
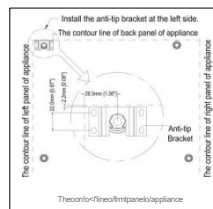
Place the anti-tip bracket on the floor as shown in the figure. An anti-tip bracket can be installed at the left side.

Mark the locations of the 4 holes of the anti-tip bracket on the floor.

Use an 8mm / 5/16" masonry drill bit and insert plastic anchors.

Secure bracket to floor using screws.

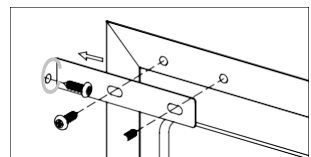
Slide appliance into position and make sure the leg engages the anti-tip bracket.



NOTE: If the unit is relocated, the bracket must be removed and installed in the new location.

SECURING THE APPLIANCE

Pop out the two cover caps on the opposite side of hinge and secure the appliance in the niche by tightening the screws through the attachment bracket if the unit is provided with an attachment bracket.



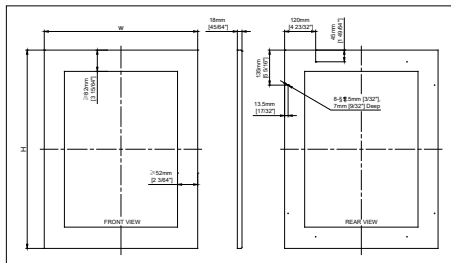
OVERLAY PANEL DOOR DESIGN GUIDE

Door panel preparation

Depending on the wine cellar model prepare the overlay panel to the dimensions shown below. Then attach the handle to the overlay panel by using the flat head screws and drive the screws flush with the panel if needed.

NOTE:

1. H = Height of door + 2mm [3/40"], W = Width of door + 4mm [5/32"].
2. Weight of the overlay panel should not exceed 7 kilograms.
3. It is important to ensure that all drilled holes are drilled to the correct depth in order to avoid splits in the wood when hardware is installed.
4. Drill the handle installation holes in the overlay panel according to the handle you are planning to use.

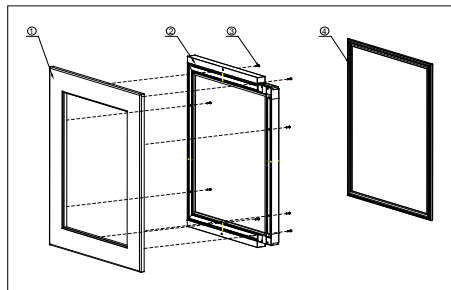


Door panel installation

Remove the door gasket (4) completely from glass door (2). Start in a corner and pull outward. This may take some force. Set gasket down on a flat surface for later installation.

Attach the wood overlay panel (7) on the glass door (2) by using the eight wood screws ST4x30 Type AB Philips (3).

Install the wood overlay glass door on the unit as normal.



OPERATION

OPERATING YOUR APPLIANCE

The Wine Cellar should be placed in a position where the ambient temperature is between 60 °F and 95°F. If the ambient temperature is above or below this range, the performance of the unit may be affected. For example, placing your unit in extreme cold or hot conditions may cause interior temperatures to fluctuate. The range between 41°F and 68°F may not be reached.

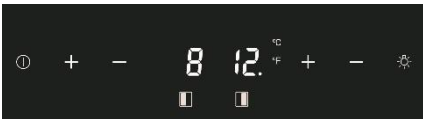
NOTE:

When you use the appliance for the first time or restart the appliance after having been shut off for a long time, there could be a few degrees variance between the temperature you select and the one indicated on the LED readout. This is normal and it is due to the length of the activation time. Once the unit is running for a few hours, everything will be back to normal.


If the unit is unplugged, has lost power, or is turned off, you must wait 3 to 5 minutes before restarting the unit. If you attempt to restart before this time delay, the unit will not start.


USE AND CONTROL - KM-CWB24


The Controls of Your Unit




POWER

To turn the appliance off, lightly touch and hold the power key  for 5 seconds until the temperature display goes off.

To turn the appliance on, lightly touch and hold the power key  for 1 second until the temperature display lights up.

NOTE: Touching the  key once can switch off the audible alarm when the alarm is on.

LIGHT

To turn the interior light on/off, lightly touch and hold the light key  for 5 seconds. The interior light indicator will light up or go out to confirm the selection.

The interior light indicator is the dot at the bottom right of the display.

UP



Used to increase (warm) the set temperature by 1°F.

DOWN

Used to decrease (cool) the set temperature by 1°F.

Display

Display the digital temperature and service indicators.

 is for the LEFT temperature zone and  is for the RIGHT temperature zone.

Light Indicator/ Multi-key Function

The interior light indicator is the dot at the bottom right of the display. The interior light indicator will light up in showcase mode.

The interior light indicator will flash when the multi-key function is selected. To perform the multi-key function, lightly touch and hold the first key, then touch the rest key for at least 5 seconds and then release all keys.

Setting the Temperature Control

The unit has two separate temperature zones. The temperature of TOP/LEFT zone can be set between 36°F and 43°F which is ideal for cooling beverages. The temperature of BOTTOM/RIGHT zone can be set between 41°F and 68°F which is ideal for storing wines and it is intended to be used for the storage of wine.

When the unit is plugged in for the first time, the unit will power up automatically to the preset defaults. The preset temperature at the factory for TOP/LEFT temperature zone is 38°F or 39°F and for BOTTOM/RIGHT temperature zone is 54°F.

You can touch the left side UP and DOWN keys to control the internal temperature of the TOP/LEFT temperature zone and touch the right side UP and DOWN keys to control the internal temperature of the BOTTOM/RIGHT temperature zone. When you touch either key at the first time, the display will show the last temperature set previously.

The temperature that you desire to set will increase 1°F if you touch the UP key once, on the contrary the temperature will decrease 1°F if you touch the DOWN key once. The display flashes while you make the setting.


After the temperature has been set, the display shows the current inner temperature of the particular temperature zone.


To view the set temperature at any time, touch the **UP** or **DOWN** key, the set temperature will temporarily flash in the display for 5 seconds. Then the display shows the current inner temperature again.

USE AND CONTROL - KW-CW28DZ / KW-CW46DZ

The Controls of Your Unit

POWER

To turn the appliance off, lightly touch and hold the power key  for 5 seconds until temperature display goes off.

To turn the appliance on, lightly touch and hold the power key  for 1 second until temperature display lights up.




UP

To increase (warm) the set temperature by 1°F.

DOWN



To decrease (cool) the set temperature by 1°F.

LIGHT

To turn the interior light on/off, lightly touch and hold the light key  for 5 seconds. The interior light indicator will light up or go out to confirm the selection.

Display

Displays the digital temperature and service indicators.

 is for the UPPER temperature zone and  is for the LOWER temperature zone.

Light Indicator/ Multi-key Function

The interior light indicator is the dot at the bottom right of the display. The interior light indicator will light up in showcase mode.

The interior light indicator will flash when the multi-key function is selected. To perform the multi-key

function, lightly touch and hold the first key, then touch the rest key for at least 5 seconds and then release all keys.

Setting the Temperature Control

The unit has two separate temperature zones. The temperature of both zones can be set between 41°F and 68°F. It can be used as a wine maturing cabinet or a wine serving cabinet. For maturing wine, the recommended temperature setting ranges of both zones should be between 52°F and 57°F. For serving wine, the recommended temperature setting range of UPPER/LEFT zone should be between 41°F and 50°F which is ideal for serving champagne & white wine and the recommended temperature setting range of LOWER/RIGHT zone should be between 58°F and 68°F which is ideal for serving red wine.

When the unit is plugged in for the first time, the unit will power up automatically to the preset defaults. The preset temperature at the factory for UPPER/LEFT temperature zone is 46°F and for LOWER/RIGHT temperature zone is 54°F.

You can touch the left side UP and DOWN keys to select the internal temperature of the UPPER/LEFT temperature zone and touch the right side UP and DOWN keys to control the internal temperature of the LOWER/RIGHT temperature zone. When you touch either key at the first time, the display will show the last temperature set previously.

IMPORTANT: The temperature set for the LOWER temperature zone must always be just as high as or higher than that in the UPPER temperature zone.

The temperature that you desire to set will increase 1°F if you touch the UP key once, on the contrary, the temperature will decrease 1°F if you touch the DOWN key once. The display flashes while you make the setting.

After the temperature has been set, the display shows the current inner temperature of the particular temperature zone.

To view the set temperature at any time, touch the UP or DOWN key, the set temperature will temporarily flash in the display for 5 seconds. Then the display shows the current inner temperature again.

SETTINGS MODE

Certain settings on the wine cabinet can only be selected in Settings mode. In Settings mode only the UP and DOWN keys of the lower/right zone are functional for dual zone LED display units.

Touch and hold the UP key for 5 seconds to enter and leave Settings mode. The appliance will leave Settings mode automatically after approximately one minute.

°F/°C Selection

Lightly touch and hold the UP key for 5 seconds to enter Settings mode.

Use the UP and DOWN keys to select the temperature display setting in Fahrenheit or Celsius degree.

Touch and hold the UP key for 5 seconds to confirm the selection.

Display Brightness

Lightly touch and hold the UP key for 5 seconds to enter Settings mode and then touch the POWER key once.

Use the UP and DOWN keys to select the brightness of the display when the door is close.

d0: off

d1: dimmest setting (default)

d2: medium setting

d3: brightest setting (same level as when door is opened)

Touch and hold the UP key for 5 seconds to confirm the selection.

Interior Lighting Brightness

Lightly touch and hold the UP key for 5 seconds to enter Settings mode and then touch the POWER

key twice.

Use the UP and DOWN keys to select the brightness of the interior lighting when the door is close.

When the door is open, the interior lighting returns to its normal level.

L0: off when the door is close or open

L1: dimmest setting

L2: medium setting

L3: brightest setting (default) (same level as when door is opened)

Touch and hold the UP key for 5 seconds to confirm the selection.

Fan Mode

Lightly touch and hold the UP key for 5 seconds to enter Settings mode and then touch the POWER key three (3) times.

Use the UP and DOWN keys to select the fan mode.

FD: Silent mode - Energy-saving mode (default)

FI: DynaClima mode - half-time

F2: DynaClima mode - full time

Touch and hold the UP key for 5 seconds to confirm the selection.

Audible Tones

Lightly touch and hold the UP key for 5 seconds to enter Settings mode and then touch the POWER key four (4) times.

Use the UP and DOWN keys to select the audible tones.

S0: sensor tone ON, alarm tone OFF

S1: sensor tone ON, alarm tone ON (default)

S2: sensor tone OFF, alarm tone OFF

S3: sensor tone OFF, alarm tone ON

Touch and hold the UP key for 5 seconds to confirm the selection.

TEMPERATURE DISPLAY:

During normal operation, the temperature display on the control panel shows the temperature inside the appliance. The temperature display will flash under the following conditions:

A different temperature is being set.

The temperature in the zone deviates by more than 9°F from the set temperature.

The temperature display flashing is a safety feature to ensure that temperature changes do not go unnoticed and potentially affect the stored wine.

TEMPERATURE MEMORY FUNCTION:

In the event of a power interruption (e.g., power surge or breaker switch), the unit remembers the previous temperature settings.

When power is restored, the cabinet temperature will return to the same setting temperature as before the power interruption, ensuring your wine is stored at the desired temperature.

TEMPERATURE ALARM:

An audible alarm will activate if the temperature in one of the zones goes outside the temperature range.

The relevant temperature display will also flash when the alarm is triggered.

The specific temperature settings determine what is considered too warm or too cool.

The audible alarm can sound under the following circumstances:

When you turn on the appliance, and the temperature inside is significantly different from the set temperature.

After a prolonged power outage.

When a large number of items are added to the unit simultaneously or when there's a significant influx of ambient air due to rearranging or removing items.

When the appliance's door is not properly closed.

If there is a fault with the appliance itself.

The audible alarm will automatically stop, and the temperature display will cease flashing once the set temperature is reached again.

However, if the noise from the alarm is bothersome, you can manually turn off the audible alarm by touching any key once, and the alarm will stop. The relevant temperature display will continue to flash until the set temperature is achieved.

This information provides details about the temperature display, memory function, and temperature alarm features of the wine cabinet.

DOOR ALARM:

If the door of the unit is left open for more than 60 seconds, an audible alarm will sound.

You can switch off the audible door alarm by closing the door or touching any key once.

INTERIOR LIGHT

The interior lighting makes it easy to view your wine labels and enhances the display of your collection. Touching and holding the LIGHT key for 5 seconds toggles between 2 modes of operation for the interior lights: functional (default) mode and showcase mode. If you are in functional (default) mode, the lights will turn on only when the door is open. The interior light will go out approx. 5 seconds after the door is closed. If you are in showcase mode, the lights will be on whether or not the door is open and the light indicator will light up.

The unit is equipped with the LED type lights and they are designed for extremely long life. Thanks to the LED lighting, the wine will not be adversely affected by heat or UV light. But they are not user serviceable. To change them please contact the service department.

NOTE: Please use only the original LED light fittings provided by the manufacturer.

BEVERAGE MODE

The temperature range in beverage mode is between 2°C to 6°C (36°F and 43°F). Beverage mode is only possible in the upper temperature zone.

To initiate the beverage mode, touch and hold the DOWN key (DOWN key of lower temperature zone for dual zone) for 5 seconds. Beverage mode can be canceled by repeating the above process

DYNACLIMA / SILENT MODES

The appliance has two different running modes: DynaClima and Silent modes.

DynaClima (Dynamic Climate) mode is designed to distribute relative humidity and temperature evenly inside the unit. This mode is ideal for long-term wine storage and mimics the conditions of a wine cellar. In DynaClima mode, the interior fan continues to circulate air *even* when the set temperature is reached, which may result in increased noise during operation.

Silent mode, also known as energy-saving mode, operates without the fan once the set temperature is reached, reducing noise levels.

SHABBOS MODE

Shabbos mode is available for observing Shabbos & Yorn Tov (Jewish holidays).

Activating Shabbos mode turns off the displays, interior light, sensor tones, and audible alarms, preventing them from turning on during the observance. Normal cooling operations continue to operate. To initiate Shabbos mode, touch the POWER and LIGHT keys simultaneously for at least 5 seconds. The displays and interior lights will go out to confirm that Shabbos mode is ON.

Shabbos mode can be canceled by repeating the same process, and it will automatically turn off after 96 hours.

ECO DEMO MODE

Eco Demo mode can be activated for exhibition or salesroom purposes.

In this mode, the compressor and all fan motors are switched OFF, while the lights remain ON.

For models with LED Displays, you can activate Eco Demo mode by touching and holding the "UP," "DOWN," and "LIGHT" keys simultaneously for at least 5 seconds.

Eco Demo mode can be canceled by repeating the same process.

BOTTLE RACKS AND STORAGE

WARNING: Do not pull out more than one loaded shelf at a time as this may cause the unit to tilt forward.

WARNING: Do not pull out the shelf where the stacked bottles are loaded.

WARNING: To prevent the bottles from falling, do not try to slide the shelves outward beyond the fixed position.

WARNING: To prevent damaging the door gasket, make sure the door is fully open when pulling shelves out of the compartment.

IMPORTANT: Do not *cover* any part of the shelves with aluminum foil or any other material that will prevent adequate air circulation within the cabinet.

All the wine racks slide out for easy access, except for the bottom fixed shelf. For easy access to the bottles stored, pull the rack out gently until it stops. The shelves are designed with an emergency stop to prevent them being *moved* too far when loaded.

Many bottles may differ in size and dimensions. As such the actual number of bottles you may be able to store may *vary*.

Bottle capacities are approximate maximums when storing traditional Bordeaux 750ml bottles and including bulk storage.

You may load your wine bottles in single rows or by stacking while taking note of the following - if you do not have enough bottles to fill your wine cellar, it is better to distribute the load throughout the wine cellar so as to avoid "all on top" or "all below" type loads.

Do *remove* or relocate adjustable wooden racks to accommodate larger types of bottles or increase the capacity of the cellar by stacking the bottles up when necessary. (See Removing Shelves)

Keep small gaps between the walls and the bottles to allow air circulation. Like an underground cellar, air circulation is important to prevent mold and promote a better homogeneous temperature.

To facilitate air circulation, do not overload your wine cellar.

Lay the bottles flat so that the corks can be kept moist on the inside and air is prevented from getting into the bottles.

Avoid obstructing the internal fans (located inside on the back panel of the unit).

Do not cross contaminate. Store only wine in your unit to ensure that the environment is odor free. Only store wine in unopened bottles. Storing opened bottles may result in spillage.

OPERATING NOISES

The unit is cooled by a compressor (refrigeration aggregate), which produces operating noise as it pumps coolant through the cooling system.

Even when the compressor is not actively running, noises caused by temperature and pressure changes are unavoidable.

Operating noise is most audible immediately after the compressor starts running and becomes quieter as the compressor continues to operate.

Normal noises associated with the unit include gurgling sounds from the refrigerant flowing through coils, humming noises from the motor compressor (which may become louder briefly when the motor starts), crackling or popping sounds due to materials contracting and expanding with temperature variations, and fan operating sounds for air circulation within the wine cabinet.

Unusual noises are typically a result of improper installation, and tubing should not come into contact

with walls, furniture, or other tubing.

In open-plan kitchens or partition walls, the operating noise may be more noticeable due to the surrounding architecture.

DEFROSTING/ HYGROMETRY / VENTILATION

The unit is equipped with an automatic defrost system that operates during the "Off-cycle." During defrosting, condensate collects in the drain trough behind the rear wall of the unit, and some of it flows through the drainage hole into the drip tray near the compressor.

Heat from the discharge pipe or compressor evaporates the collected condensation in the tray. Part of the remaining water is retained within the unit to maintain the required humidity level for natural cork preservation.

This system also provides natural ventilation and constant air circulation within the cabinet. Fresh air admission is permitted through the drainpipe and/or air exchange pipe, and air is circulated using fans and open shelves.

Manual defrosting may be required if frost accumulates on the evaporator due to repeated openings in high heat or high humidity conditions.

WINE SERVING TEMPERATURE CHART

The text mentions that all wines mature at a constant temperature set between 52°F to 57°F. It provides a chart indicating the recommended serving temperatures for various types of wine. However, the specific temperatures are not provided in this text. If you are interested in the temperature recommendations for different types of wine, you may need to refer to additional sources or wine guides.

IMPORTANT INFORMATION ABOUT TEMPERATURE:

Your wine storage unit is designed to provide optimal conditions for storing and serving wines. Fine wines require specific conditions to reach their full potential, and they need long and gentle development. All wines mature at the same constant temperature range, which is typically set between 11°C to 14°C (approximately 52°F to 57°F).

The key to wine storage is not only the exact temperature but also its consistency. As long as the temperature within your wine cellar remains constant within the specified range, your wines will be stored under ideal conditions.

It's important to note that not all wines improve with age. Some wines are best consumed at an early stage (2 to 3 years), while others have the potential to age for many decades (50 years or more). Each wine has its peak in maturity, and it's advisable to consult with your wine merchant to get relevant information about the wines you intend to store.

Extreme temperatures can have adverse effects on wine. If the temperature is too high (above 20°C), wine can mature too quickly, preventing the full development of aromas. On the other hand, if the temperature is too low (below 5°C), wine cannot mature properly.

Temperature fluctuations can also negatively impact wine by subjecting it to stress and interrupting the maturation process. Therefore, maintaining a constant temperature is crucial for proper wine storage.

RECOMMENDED SERVING TEMPERATURES FOR VARIOUS WINE STYLES

Wine Style	•F
Champagne NV, Sparkling, Spumante	43
Dry White Semillon, Sauvignon Blanc	46
Champagne Vintage	50
Dry White Chardonnay	50
Dry White Gewurztraminer, Riesling, Pinot grigio	50
Sweet White Sauternes, Barsac, Montbazillac, Ice Wine, Late Harvest	50
Beaujolais	55
Sweet White Vintage: Sauternes...	57
White Vintage Chardonnay	57
Red Pinot Noir	61
Red Grenache, Syrah	61
Red Vintage Pinot Nair	65
Cabernet & Merlot: French, Australian, New Zealand, Chilean, Italian, Spanish, Californian, Argentinean...	68
Vintage Bordeaux ...	Room temperature not exceeding 20°c/68°F

MAINTENANCE

WARNING

To avoid possible injury due to electric shock, disconnect the power cord or turn off power at the circuit breaker panel or fuse box before cleaning the appliance.

Clean only the parts of the appliance listed in this manual. Clean them only in the manner specified. Do not use a steam cleaner to clean this appliance. Steam could penetrate the electrical components and cause a short circuit.

Do not allow water or cleaning fluids to penetrate into the electrical components or ventilation grill.

Use only the types of cleaning solutions specified in this manual. NEVER clean appliance parts with flammable fluids.

Do not use abrasives such as steel wool, scouring pads, rough sponges or scrub brushes.

REMOVING SHELVES

To remove any of the shelves from the rail compartment, move the shelf to the position where the notch of the wooden shelf is exactly under the plastic rack stop and then lift it up and out.

In order to replace the shelf, repeat steps described above in reverse. And make sure to engage the shelves with the small pegs of the extended rails when the model is equipped with part extension slides.

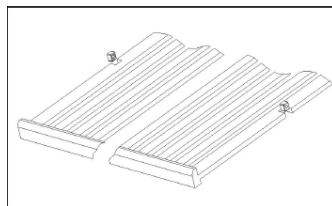
ACTIVE CHARCOAL AIR FILTER

The active charcoal air filter (if your model supplied with it) is located in the back of compartment. Replace it with a new one once a year. It can be purchased from your dealer or from the Spare Parts Department.

Remove the shelf in front of the filter.

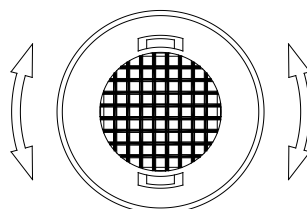
Grip the filter and turn it 90° clockwise or anti-clockwise to remove.

Insert the new filter in the vertical position and turn it 90° clockwise or anti-clockwise until it clicks into position.



DOOR LOCK

If the unit is provided with a lock system, the keys are located inside the plastic bag that contains the Owner's Manual. Insert the key into the lock, push in and turn it counterclockwise to unlock the door. To lock the door do the reverse operation making sure metal pin is engaged completely. Remove the key and place it in a secure place for safekeeping.



CLEANING YOUR APPLIANCE

Turn off the power, unplug the appliance, and remove all items including shelves and rack.

Wash the inside surfaces with a warm water and baking soda solution. The solution should be about 2 tablespoons of baking soda to a quart of water.

Wash the shelves with a mild detergent solution.

Wring excess water out of the sponge or cloth when cleaning any area of the controls.

The sealing gasket around the door must be cleaned regularly to prevent discoloration and prolong service life. Use clean water. After cleaning the sealing gasket, check that it continues to provide a tight seal.

Wash the outside cabinet with warm water and mild liquid detergent. Rinse well and wipe dry with a clean soft cloth.

Do not clean the stainless steel with steel wool pads. We suggest using an all-in-one stainless steel cleaner to clean the stainless steel. Always clean in the direction of the grain.

POWER FAILURE

In the event of a power interruption, all previous temperature settings are automatically memorized. If power is interrupted (power surge, breaker switch, etc.) and then powered up again, the unit will operate with the last temperature set-point.

Most power failures are corrected within a few hours and should not affect the temperature of your appliance if you minimize the number of times the door is opened. If the power is going to be off for a longer period of time, you need to take the proper steps to protect your contents.

NOTE: Irrespective of the cause, if you notice either abnormal temperature or humidity levels inside your unit, be reassured that only long and frequent exposure to these abnormal conditions can cause a detrimental effect on your wines.

VACATION TIME

Short holidays: Leave the unit in operation for holidays of less than three weeks.

Long absences: If the appliance will not be used for several months, remove all items, turn off the appliance and unplug. Clean and dry the interior thoroughly. To prevent odor and mold growth, leave the door open slightly, blocking it open if necessary.

MOVING YOUR APPLIANCE

Unplug the power plug from the electrical outlet.

Remove the contents from the racks and all moving parts from inside.

Raise the adjustable legs up to the base to avoid damage.

Tape the door shut and lock it if with a lock system.

Transport the unit only in the upright position. Also protect the outside of the appliance with a blanket or similar item.

ENERGY SAVING TIPS

Should the unit be left empty for long periods of time, it is suggested that the appliance is unplugged, and after careful cleaning, leave the door ajar to allow air to circulate inside the cabinet in order to avoid

possible condensation, mold or odors forming.

The appliance should be installed in the coolest area of the room, away from heat producing appliances, and out of the direct sunlight.

Ensure that the unit is adequately ventilated. Never cover air vents. Clean dust and dirt from the condenser at regular intervals.

Only open the door for as long as necessary and for as short a time as possible.

Store the content in an organized way.

To allow air to circulate, do not overfill the appliance.

TROUBLESHOOTING

PROBLEMS WITH YOUR APPLIANCE

You can solve many common problems easily, saving you the cost of a possible service call. Try the suggestions below to see if you can solve the problem before calling customer service.

PROBLEM	POSSIBLE CAUSE	REMEDY
Nothing works. Appliance does not operate.	Appliance is not connected to a power supply. The appliance is turned off. Circuit breaker has tripped or a fuse has blown.	Connect the appliance. Switch on the appliance. Switch on circuit breaker or replace fuse.
Appliance is not cold enough.	The temperature is not set correctly. The ambient temperature could require a different temperature setting. The door was opened too often. The door was not closed completely. Door is not hermetically sealed. The condenser is too dirty. The ventilation opening is blocked or too dusty.	Check the set temperature. Set a different temperature. Do not open the door more often than necessary. Close door properly. Check the door seal and clean or replace. Clean the condenser when necessary. Clear the obstructions and clean off the dust.
Appliance turns itself on and off frequently.	The room temperature is higher than average. A large amount of bottles has been added to the unit. The door is opened too often. The door is not closed completely. The door gasket does not seal properly.	Put the appliance in a cooler place. Leave the appliance to work for a while until the set temperature has been reached. Do not open the door more often than necessary. Close door properly. Check the door seal and clean or replace.
The light does not come on.	Appliance is not connected to a power supply. Circuit breaker has tripped or a fuse has blown. The light was switched off on the control panel. Light malfunctioning.	Connect the appliance. Switch on circuit breaker or replace fuse. Switch on the light. Call for service to have it replaced.
Door will not open.	Door locked.	Unlock the door.
Vibrations.	The appliance is not properly level.	Level the appliance with the adjustable feet.
The appliance seems to make too much noise.	The rattling noise may come from the flow of the refrigerant, which is normal. As each cycle ends, you may hear gurgling sounds caused by the flow of refrigerant in your appliance. If temperature fluctuations occur, the contraction and expansion of the inner walls may cause popping and	

	crackling noises.	
	The appliance is not properly level.	Level the appliance with the adjustable feet.

<p>The door will not close properly.</p>	<p>The appliance is not properly level. The door was reversed and not properly re-installed. The gasket is dirty. The shelves are out of position.</p>	<p>Level the appliance with the adjustable feet. Level the appliance with the adjustable feet. Check the door hinge and reassemble correctly. Clean the door gasket. Check the shelves and refit correctly.</p>
<p>Display “E0”, “E1”, “E2”, “E3”, “E4”, “E5”, “E6” or “E7”.</p>	<p>“E0” indicates a communication error for 3 zone models. “E1” or “E2” indicates that the air temperature sensor has failed. “E3” or “E4” indicates that the defrost sensor in the evaporator has failed. “E5” indicates a defrost heater failure. “E6” indicates a solenoid valve failure. “E7” indicates a door switch failure.</p>	<p>Call for service.</p>
<p>The alarm sounds and the temperature display flashes.</p>	<p>Has the appliance door been open for longer than 60 seconds? If no then the temperature has risen higher or fallen lower than the temperature that has been set. This could be due to: - The appliance door being opened too often. - The ventilation opening being covered or too dusty. - A lengthy interruption to the power supply. - A large amount of bottles has been added to the unit.</p>	<p>If yes, close the door. - Do not open the door more often than necessary. - Clear the obstructions and clean the dust. - Leave the appliance to work for a while until the set temperature has been reached.</p>
<p>The icon dashes“--” is lit up and flashing in the temperature display.</p>	<p>The temperature display is out of the range.</p>	<p>Only temperatures within the display range 16~99° F can be shown. If the temperature is not within this range, the icon “--” will be displayed instead. That is normal.</p>

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. 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:

Failure of the product to perform during power failures or interruptions, or due to inadequate electrical service.

Damage incurred during transportation or handling.

Damage caused by accidents, vermin, lightning, winds, fire, floods, or acts of God.

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.

Unauthorized product modifications, repairs by unauthorized centers, or use of non-approved replacement parts.

Abnormal cleaning and maintenance not aligned with the user's manual.

Use of incompatible accessories or components.

Any costs associated with repairs or replacements under these excluded circumstances shall be the responsibility of the consumer.

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