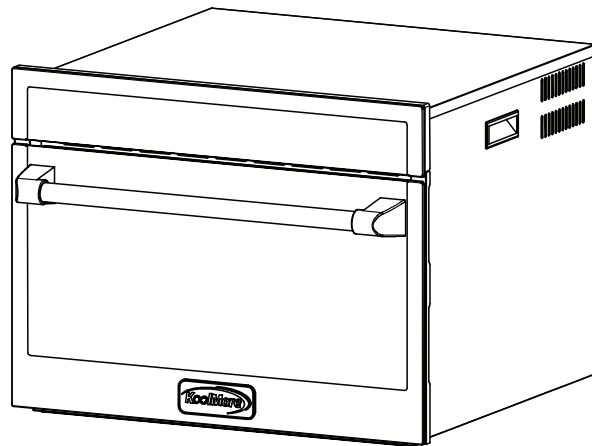


USER MANUAL

KOOLMORE RESERVE

**24 in. 1.6 Cu. Ft. Speed Oven
Microwave, Convection, Sensor Cook,
Airfry,**

Models: KM-CWO24-AFSS



For any service related
issues, please contact us:

 **718-576-6342**

 **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.**

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Safety

SAVE THESE INSTRUCTIONS

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- Do not attempt to operate this oven with the door open since open door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.
- Do not place any object between the oven front face and the door or allows soil or cleaner residue to accumulate on sealing surfaces.
- Do not operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the door (bent) hinges and latches (broken or loosened or door seals and sealing surfaces
- The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, basic precautions should be followed, including the following:

WARNING

To reduce the risk of burns, electric shock, fire, injury to persons or exposure to excessive microwave energy:

Read all instructions before using the appliance.

- Read and follow the specific "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY" found above.
- This appliance must be grounded. Connect only to properly grounded outlet. See "GROUNDING INSTRUCTIONS" found on (Page 6).

Install or locate this appliance only in accordance with the provided installation instructions.

Some products such as whole eggs and sealed containers - for example, closed glass jars - are able to explode and should not be heated in this oven.

Use this appliance only for its intended use as described in the manual. Do not use corrosive chemicals or vapors in this appliance. It is not designed for industrial or laboratory use.

As with any appliance, close supervision is necessary when used by children.

Do not operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.

This appliance should be serviced only by qualified service personnel. Contact nearest authorized service facility for examination, repair, or adjustment.

Do not cover or block any openings on the appliance.

Do not store this appliance outdoors. Do not use this product near water - for example, near a kitchen sink, in a wet basement, near a swimming pool, or similar locations.

Do not immerse cord or plug in water.
Keep cord away from heated surfaces.
Do not let cord hang over edge of table or counter.

To reduce the risk of fire in the oven cavity:

- Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
- Remove wire twist-ties from paper or plastic bags before placing them in the oven.
- If materials inside the oven ignite, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
- Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.
- Liquids, such as water, coffee, or tea are able to be overheated beyond the boiling point without appearing to be boiling. Visible bubbling or boiling when the container is removed from the microwave oven is not always present. THIS COULD RESULT IN VERY HOT LIQUIDS SUDDENLY BOILING OVER WHEN THE CONTAINER IS DISTURBED OR A UTENSIL IS INSERTED INTO THE LIQUID.
- To reduce the risk of injury to persons:
 - Do not overheat the liquid.
 - Stir the liquid both before and halfway through heating it.
 - Do not use straight-sided containers with narrow necks.

After heating, allow the container to stand in the microwave oven for a short time before removing the container to avoid the risk of burns. Use extreme care when inserting a spoon or other utensil into the container.

- Do not operate any heating or cooking appliance beneath the appliance.
- Do not mount unit over or near any portion of a heating or cooking appliance. (Exception: A microwave oven unit of not more than 3 cu. ft. capacity, mounted above and/or alongside another microwave oven.)
- Do not mount over a sink.
- Do not store anything directly on top of the appliance surface when the appliance is in operation.
- Oversized foods or oversized metal utensils should not be inserted in the microwave oven as they may create a fire or risk of electric shock.
- Do not clean with metal scouring pads. Pieces can burn off the pad and touch electrical parts involving a risk of electric shock.
- Do not use paper products when appliance is operated in the toaster mode.
- Do not store any materials, other than manufacturer's recommended accessories, in this oven when not in use.
- Do not cover racks or any other part of the oven with metal foil. This will cause overheating of the oven.
- This appliance has a non-stick surface. To avoid damage to the non-stick surface, use wooden or plastic utensils. Do not use metal utensils.

To reduce the risk of injury to persons:

- a) Use this appliance only for its intended use as described in the manual. Do not use corrosive chemicals or vapors in this appliance.
- b) Be careful not to pinch or crush the cord in the door or drawer.
- c) 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.

- d) Children should be supervised to ensure that they do not play with the appliance.
- e) The appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.
- f) If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- g) The extension cord must be a grounding-type 3-wire cord.
- h) The longer cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over unintentionally.

⚠ WARNING

- Do not use the microwave oven for storage. Do not leave paper products, cooking utensils, or food in the oven when not in use.
- Remove all materials from the oven before operating the microwave oven.
- If materials inside the oven ignite, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.

COMBINATION MICROWAVE OVENS

- Oversized foods or oversized metal utensils should not be inserted in a microwave oven as they may create a fire or risk of electric shock.
- Do not clean with metal scouring pads. Pieces can burn off the pad and touch electrical parts involving a risk of electric shock.
- Do not use paper products when appliance is operated in the toaster mode.
- Do not store any materials, other than manufacturer's recommended accessories, in this oven when not in use.
- Do not cover racks or any other part of the oven with metal foil. This will cause overheating of the oven.

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

⚠ WARNING

Improper use of the grounding plug can result in a risk of electric shock. Consult a qualified electrician or service man if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded. If it is necessary to use an extension cord, use only a 3-wire extension cord that has a 3-prong grounding plug, and a 3-slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord should be equal to or greater than the electrical rating of the appliance.

DANGER - ELECTRIC SHOCK HAZARD

Touching some of the internal components can cause serious personal injury or death. Do not disassemble this appliance.

⚠ WARNING

ELECTRIC SHOCK HAZARD

Improper use of the grounding plug can result in electrical shock. Do not plug into an outlet until the appliance is properly installed and grounded.

- a) This appliance should be serviced only by qualified service personnel. Contact nearest authorized service facility for examination, repair, or adjustment.
- b) Do not cover or block any openings on this appliance.
- c) Do not store this appliance outdoors. Do not use this product near water - for example, near a kitchen sink, in a wet basement, near a swimming pool, or similar locations.
- d) Do not immerse cord or plug in water.
- e) Keep cord away from heated surfaces.
- f) Do not let cord hang over edge of table or counter.

To reduce the risk of fire or electric shock:

- a) Do not operate any heating or cooking appliance beneath this appliance.
- b) Do not mount unit over or near any portion of a heating or cooking appliance. (Exception: A microwave oven unit of not more than 3 cu. ft. capacity, mounted above and/or alongside another microwave oven.)
- c) Do not mount over a sink.
- d) Do not store anything directly on top of the appliance surface when the appliance is in operation.

If a long or extension cord is used:

- a) The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance.
- b) The extension cord must be a grounding-type 3-wire cord.
- c) The longer cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over unintentionally.

RADIO INTERFERENCE

Operation of the microwave oven may cause interference to your radio, TV, or similar equipment. When there is interference, it may be reduced or eliminated by taking the following measures:

- Clean door and sealing surface of the oven.
- Reorient the antenna of radio or television.
- Relocate the microwave oven with respect to the receiver.
- Plug the microwave oven into a different outlet so that microwave oven and receiver are on different branch circuits.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
- This device complies with CAN ICES-001 (B) / NMB-001 (B) & CAN ICES-003 (B) / NMB-003 (B).
- Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired

operation of the device.

This device complies with part 18 of the FCC Rules.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- *Reorient or relocate the receiving antenna.*
- *Increase the separation between the equipment and receiver.*
- *Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- *Consult the dealer or an experienced radio/TV technician for help.*
- *Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*

UTENSILS

⚠ CAUTION: - Personal Injury Hazard

Tightly-closed utensils could explode. Closed containers should be opened and plastic pouches should be pierced before cooking.

See the instructions on "Materials you can use in microwave oven or to be avoided in microwave oven."

There may be certain non-metallic utensils that are not safe to use for microwaving. If in doubt, you can test the utensil in question following the procedure below.

Utensil Test:

Fill a microwave-safe container with 1 cup of cold water (250ml) along with the utensil in question. Cook on maximum power for 1 minute. Carefully feel the utensil. If the empty utensil is warm, do not use it for microwave cooking. Do not exceed 1 minute cooking time.

CAUSES OF DAMAGE

⚠ CAUTION:

- Creation of sparks: Metal, e.g., a spoon in a glass, must be kept at least 2 cm from the oven walls and the inside of the door. Sparks could irreparably damage the glass on the inside of the door.
- Water in the hot cooking compartment: Never pour water into the hot cooking compartment. This will cause steam. The temperature change can cause damage.
- Moist food: Do not store moist food in the closed cooking compartment for long periods.
- Cooling with the appliance door open: This can lead to corrosion.
- Do not use the appliance to store objects: Only leave the cooking compartment to cool with the door closed. Do not trap anything in the appliance door. Even if the door is only slightly ajar, the fronts of adjacent units may be damaged over time.
- Heavily soiled: If the seal is very dirty, the appliance door will no longer close properly during operation. The fronts of adjacent units could be damaged. Always keep the seal clean.
- Operating the microwave without food: Operating the appliance without food in the cooking compartment can lead to overheating. The food must be placed in the cooking compartment before switching on the microwave. (An exception to this rule is a short crockery test.) (see the section "Microwave, suitable crockery").
- Using the appliance door for standing on or placing objects on: Do not stand or place anything on the open appliance door. Do not place ovenware or accessories on the appliance door.
- Transporting the appliance: Do not carry or hold the appliance by the door handle. The door handle cannot support the weight of the appliance and could break.
- Microwave popcorn: Never set the microwave power too high. Use a power setting no higher than 600 watts. Always place the popcorn bag on a ceramic plate. The disc may jump if overloaded.
- Liquid that has boiled over must not be allowed to run through the turntable drive into the interior of the appliance. Monitor the cooking process. Choose a shorter cooking time initially, and increase the cooking time as required.
- The oven should be cleaned regularly and any food deposits removed since they may explode.
- Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation.

For the Serviceman to be Serviced Only by Properly Qualified Service Personnel

▲ CAUTION:

This device is to be serviced Only by Properly Qualified and Competent Personnel. Consult the Service Manual before servicing. When servicing the appliance, check the door seal and door seal area to ensure that they are not damaged, and that the appliance door closes properly and that there is no leakage of microwave energy, and correct any faults before the appliance is released for use.

WARNING

For continued protection against excessive radiation emission, replace only with the same type:

- Primary Switch: TYPE KWA-102
- Secondary Switch: TYPE KWA-103
- Monitor Switch: TYPE KWA-101
- Fuses: UL listed 20A for use in the appliance.

PRECAUTIONS TO BE OBSERVED BEFORE AND DURING SERVICING TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY:

- Do not operate or allow the oven to be operated with the door open.
- Make the following safety checks on all ovens to be serviced before activating the magnetron or

other microwave energy generating device:

- (1) Operate the oven with the door open and check that the microwave energy does not exceed 5mW/cm² at any point 5cm or more from the external surface of the oven.
- (2) Check for proper operation of interlock systems that are incorporated within the door that prevent microwave emission should the door be opened.
- (3) Check for proper operation of oven door, including proper closing, sealing, and operation of safety interlocks.
- (4) Check for physical integrity of the gasket on the microwave oven door, and that the gasket has not become worn or damaged.
- (5) Check for proper grounding of the oven.
- (6) Check for any evidence of arcing or corona discharge within the oven cavity.
- (7) Check for any evidence of overheating or thermal damage to the oven or any of its components.

Before turning on the microwave power for any service test or inspection within the microwave generating compartments, check the magnetron, wave guide or transmission line, and cavity for proper alignment, integrity, and connections.

Any defective or misaligned components in the interlock, monitor, door seal, and the oven door should be corrected before the oven is released to the owner.

A microwave leakage check to verify compliance with the Federal Performance Standard should be performed on each oven prior to release to the owner.

MATERIALS YOU CAN USE IN MICROWAVE OVEN

Utensils	Remarks
Browning dish	Follow manufacturer's instructions. The bottom of the browning dish must be at least 3/16 inch (5mm) above the turntable. Incorrect usage may cause the turntable to break.
Dinnerware	Microwave-safe only. Follow manufacturer's instructions. Do not use cracked or chipped dishes.
Glass jars	Heat-resistant oven glassware only. Make sure there are no metallic trims. Do not use cracked or chipped glassware.
Glassware	Microwave-safe only. Follow manufacturer's instructions. Do not use cracked or chipped dishes.
Oven cooking bags	Follow manufacturer's instructions. Do not close with metal tie. Make slits to allow steam to escape.
Paper plates and cups	Use for short-term cooking/warming only. Do not leave oven unattended while cooking.
Paper towels	Use to cover food for reheating and absorbing fat. Use with supervision for short-term cooking only.
Parchment paper	Use as a cover to prevent splattering and to wrap for steaming.
Plastic	Microwave-safe only. Follow manufacturer's instructions. Should be labeled "microwave safe." Some plastic containers soften as the food inside reaches boiling temperatures. These containers should be used for reheating and not for cooking.
Plastic wrap	Microwave-safe only. Use to cover food during cooking to retain moisture. Do not allow plastic wrap to touch food.
Thermometers	Microwave-safe only (meat and candy thermometers).
Wax paper	Use as a cover to prevent splattering and retain moisture.

MATERIALS TO BE AVOIDED IN MICROWAVE OVEN

Utensils	Remarks
Aluminum tray	May cause arcing. Transfer food into microwave-safe dish.
Food carton with metal handle	May cause arcing. Transfer food into microwave-safe dish.
Metal or metal-trimmed utensils	Metal shields the food from microwave energy. Metal trim may cause arcing.
Metal twist ties	May cause arcing and could cause a fire in the oven.
Paper bags	May cause a fire in the oven.
Plastic foam	Plastic foam may melt or contaminate the liquid inside when exposed to high temperature.
Wood	Wood will dry out when used in the microwave oven and may split or crack.