

**BUILT-IN OVEN**

# **USER MANUAL**

**MBON5M90E5-BK  
MBON5M90E5-WH**

Warning notices: Before using this product, please read this manual carefully and keep it for future reference. The design and specifications are subject to change without prior notice for product improvement. Consult with your dealer or manufacturer for details.

The diagram above is just for reference. Please take the appearance of the actual product as the standard.



# LANGUAGES

<b>EN</b>	English
<b>DE</b>	German
<b>IT</b>	Italian
<b>ES</b>	Spanish
<b>PT</b>	Portuguese
<b>RO</b>	Romanian
<b>BG</b>	Bulgarian
<b>EL</b>	Greek
<b>SR</b>	Serbian
<b>HR</b>	Croatian
<b>HU</b>	Hungarian
<b>SL</b>	Slovenian
<b>AL</b>	Albanian

**THANK YOU LETTER**

Thank you for choosing Midea! Before using your new Midea product, please read this manual thoroughly to ensure that you know how to operate the features and functions that your new appliance offers in a safe way.

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# SAFETY INSTRUCTIONS

## Intended Use

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the appliance. Please check the packaging and appliance on arrival to make sure everything is intact to ensure safe operation. If you find any damage, please contact the retailer or dealer. Please note modifications or alterations to the appliance are not allowed for your safety concern. Unintended use may cause hazards and loss of warranty claims.

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## Explanation of Symbols

	<b>Danger</b> This symbol indicates that there are dangers to the life and health of persons due to extremely flammable gas.
	<b>Warning of electrical voltage</b> This symbol indicates that there is a danger to life and health of persons due to voltage.
	<b>Warning</b> The signal word indicates a hazard with a medium level of risk which, if not avoided, may result in death or serious injury.
	<b>Caution</b> The signal word indicates a hazard with a low degree of risk which, if not avoided, may result in minor or moderate injury.
	<b>Attention</b> The signal word indicates important information (e.g. damage to property), but not danger.
	<b>Observe instructions</b> This symbol indicates that a service technician should only operate and maintain this appliance in accordance with the operating instructions.

Read these operating instructions carefully and attentively before using/commissioning the unit and keep them in the immediate vicinity of the installation site or unit for later use!

## Important Safety Instructions

THESE WARNINGS ARE PROVIDED IN THE INTEREST OF SAFETY. PLEASE READ THEM CAREFULLY BEFORE INSTALLING OR USING THE APPLIANCE.

To maintain the EFFICIENCY and SAFETY of this appliance, we recommend:

- Call only the Service Centers authorized by store where you buy the cooker
- Always use original Spare Parts
- When the oven is first switched on, it may give off an unpleasant smell. This is due to the bonding agent used for the insulating panels within the oven. Please run the new empty product with the conventional cooking function, 250°C, 90 minutes to clean oil impurities inside the cavity.
- During the first use, it is completely normal that there will be slight smoke and door. If it does occur, you should wait for the smell to be cleared before putting food into the oven.
- Please use the product under an open environment.
- The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements. Children less than 8 years of age shall be kept away unless continuously supervised.
- If the surface is cracked, switch off the appliance to avoid the possibility of electric shock.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance.

Cleaning and user maintenance shall not be made by children without supervision.

- During use, the appliance becomes very hot. Care should be taken to avoid touching heating elements inside the oven.
- Do not allow children to go near the oven when it is operating, especially when the grill is on.
- Ensure that the appliance is switched off before replacing the oven lamp to avoid the possibility of electric shock.
- The means for disconnection must be incorporated in the fixed wiring in accordance with the wiring specifications.
- Children should be supervised to ensure that they do not play with the appliance.
- 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 person responsible for their safety.
- Accessible parts may become hot during use. Young children should be kept away.
- An allpole disconnection means must be incorporated in the fixed wiring in accordance with the wiring rules.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.

- Only use the temperature probe recommended for this oven.
- A steam cleaner is not to be used.
- The appliance is not intended to be operated by means of an external timer or a separate remote control system.
- The instructions for ovens that have shelves shall include details indicating the correct installations of the shelves.
- Do not use the oven unless you are wearing something on your feet. Do not touch the oven with wet or damp hands or feet.
- For oven: Oven door should not be opened often during the cooking period.
- The appliance must be installed by an authorized technician and put into use. The producer is not responsible for any damage that might be caused by defective placement, and installation by unauthorized personnel.
- When the door or drawer of oven is open do not leave anything on it, or you may unbalance your appliance or break the door.
- Some parts of appliance may keep its heat for a long time; it is required to wait for it to cool down before touching onto the points that are exposed to the heat directly.
- If you will not use the appliance for a long time, it is advised to plug it off.



## **Declaration Of Compliance**

When you have unpacked the oven, make sure that it has not been damaged in any way. If you have any doubts at all, do not use it: contact a professionally qualified person. Keep packing materials such as plastic bags, polystyrene, or nails out of the reach of children because these are dangerous to children.

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# SPECIFICATION

MODEL	MBON5M90E5-BK MBON5M90E5-WH
RATED VOLTAGE	220-240V~
RATED FREQUENCY	50Hz-60Hz
ELECTRIC POWER	3.0 kW

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## ENERGY EFFICIENCY

Product Information and Product Information Sheet according to EU and UK Ecodesign and Energy Labelling Regulations

Energy Efficiency Index	94.0
Energy Efficiency class	A
Energy consumption with a standard load, conventional mode	0.99 kWh/cycle
Energy consumption with a standard load, fan-forced mode	0.79 kWh/cycle
Number of cavities	1
Heat source	Electricity
Volume	70L
Type of oven	Built-in Oven

## ENERGY CONSUMPTION

Product information for power consumption and maximum time to reach applicable low power mode.

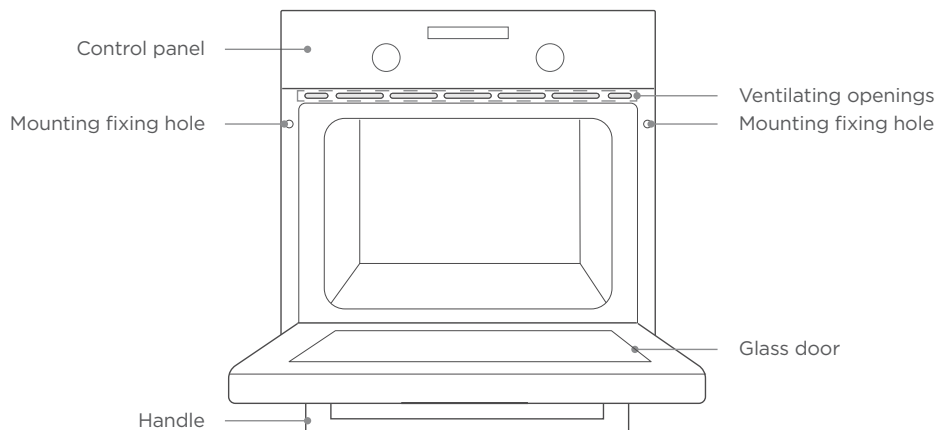
Off mode	0.5 W
The maximum time needed for the oven to automatically reach the applicable low power mode or condition.	20 minutes

# PRODUCT OVERVIEW

## Oven

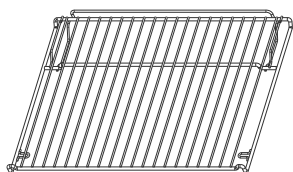
When removing food, please wear heat insulating gloves to prevent burns!

At the moment of opening the door of the furnace, pay attention to the steam. Please open the door at a small Angle to avoid the steam on your face.



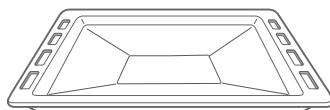
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## Accessories



### Grill rack

Grill food or place heat-resistant cooking containers



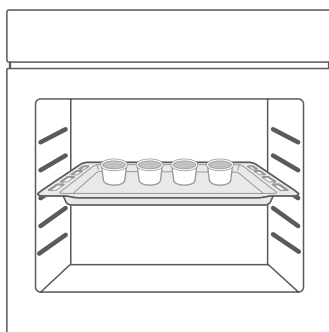
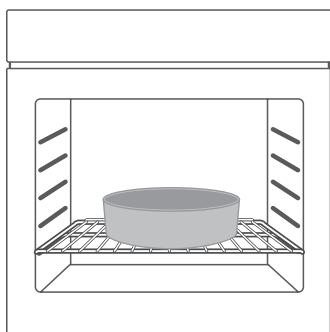
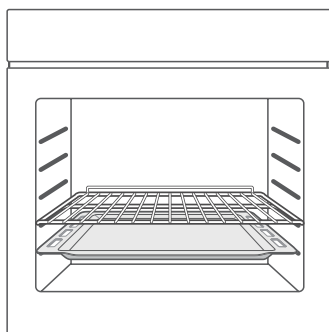
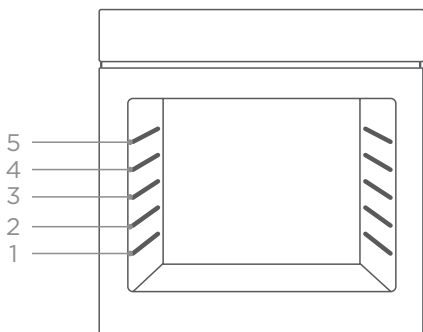
### Grill tray

Cook large portions of food or catch food scraps

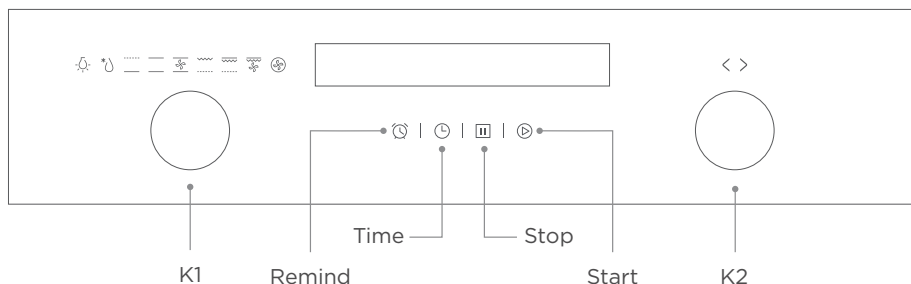
## Accessories Use (Only For Some Models)

For the oven to work properly, the grill rack and Grill tray should only be placed between the first and fifth levels. When used together, place the Grill tray under the grill rack.

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## Control Panel



K1: For selecting oven functions.

K2: For setting the temperature and time.

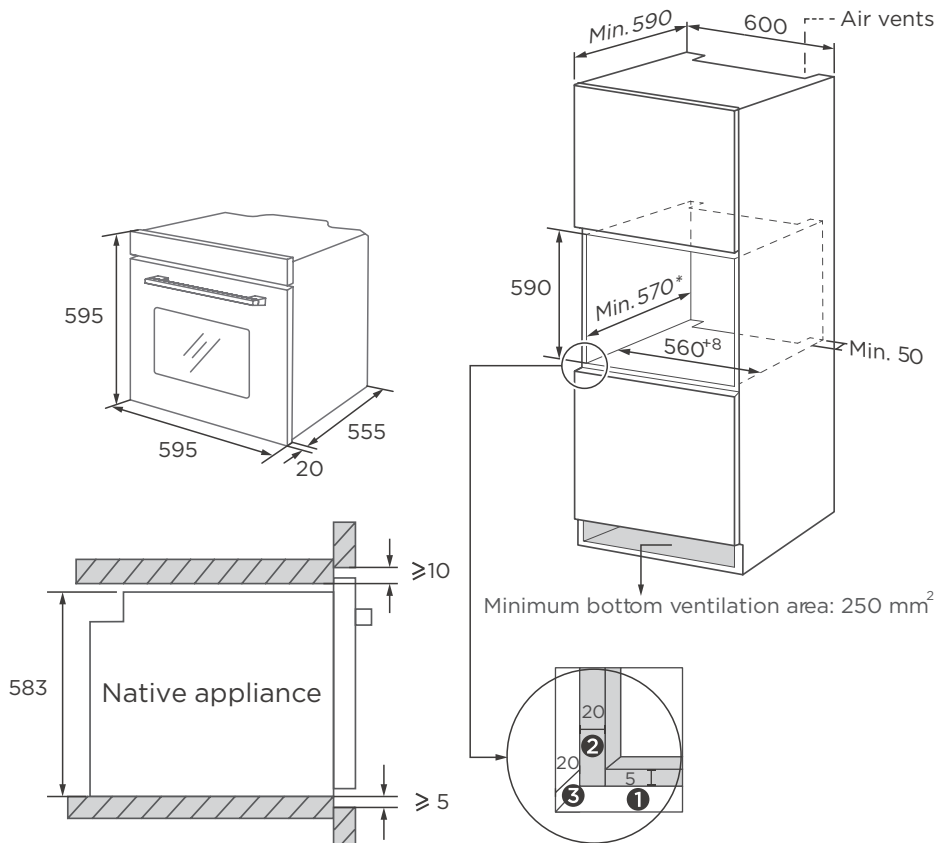
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Function	Function introduction
 Lamp	The cooking process can be observed under illuminated conditions. Except ECO function.
 Defrost	The circulation of air at room temperature enables quicker thawing of frozen food (without the use of any heat).
 Double grill with fan	The radiant heating element and top heating element are working with fan.
 Double grill	The radiant heating element and top heating element are working.
 Single grill	The inner grill element switches on and off to maintain temperature. Can be used to grill a small number of food.
 Conventional+fan	The combination of fan and the top and bottom heating elements provides more even heat penetration and coloration, primarily for cooking meat.
 Conventional	The top and bottom heating elements work together to provide convectional cooking.
 Bottom heating	Heating is provided by heating pipes at the bottom of the oven. Mainly used for keeping warm and the coloring of the food.
 Convection	In convection mode, the fan turns on automatically to provide even heat for single or multi-layer baking. This is particularly suitable for baking foods that require even coloring.
 ECO	For energy-saving cooking. Cooking the selected ingredients in a gentle manner, and the heat comes from the top and the bottom.

# PRODUCT INSTALLATION

If there is any discrepancy between the illustration and the actual product, please refer to the actual product.

## Cupboard Diagram (Standing Cupboard)

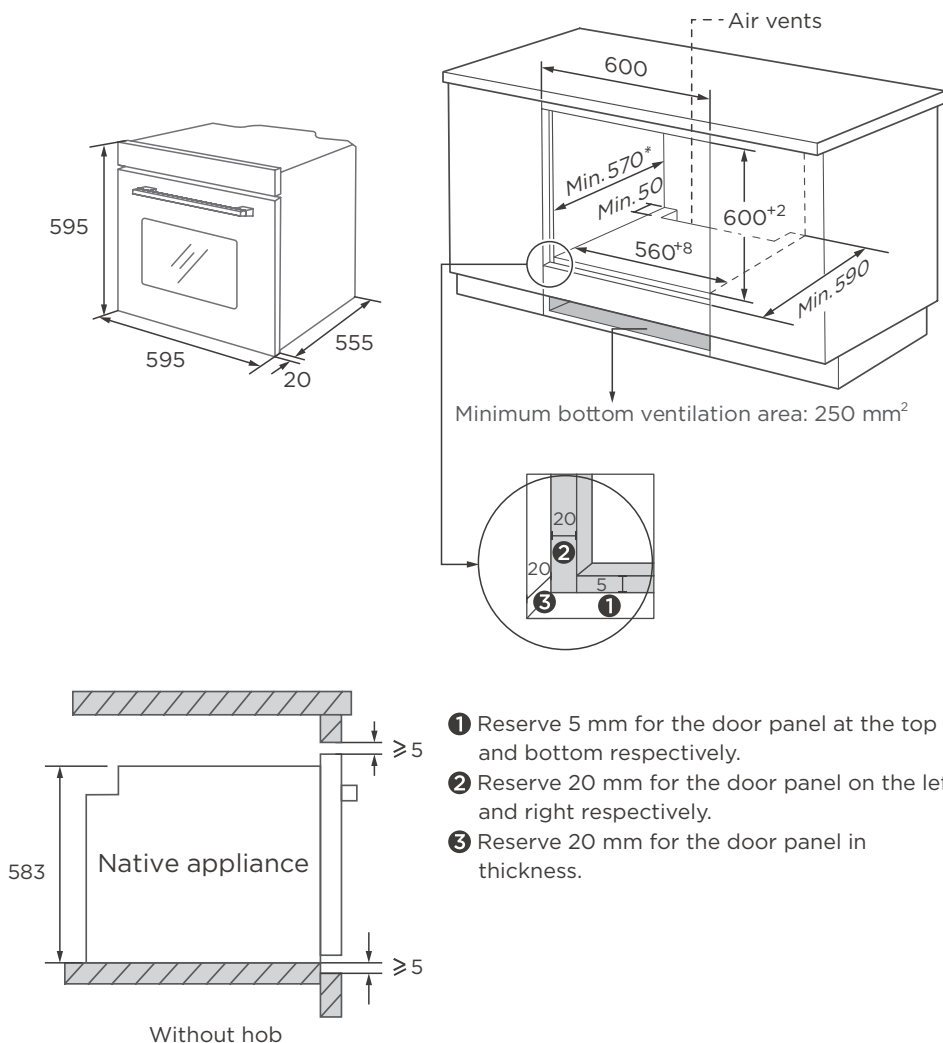


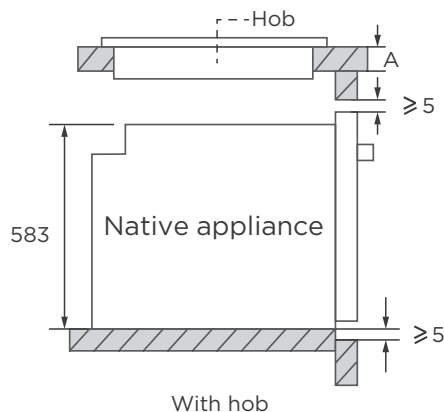
- ❶ Reserve 5 mm for the door panel at the top and bottom respectively.
- ❷ Reserve 20 mm for the door panel on the left and right respectively.
- ❸ Reserve 20 mm for the door panel in thickness.

1. The thickness of the cabinet board is 20 mm.
2. If the power socket is installed on the back of the appliance, the depth of the cupboard opening shall be increased from a minimum of 590 mm to 620 mm.
3. The dimensions in the figures are in mm.

## Cupboard Diagram (Ground Cupboard)

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If the appliance is installed under the hob, the minimum thickness of worktop A is shown below:

Hob type	worktop A
Induction hob	37 mm
Full-surface induction hob	47 mm
Gas hob	30 mm
Electric hob	27 mm

1. The thickness of the cabinet board is 20 mm.
2. If the power socket is installed on the back of the appliance, the depth of the cupboard opening shall be increased from a minimum of 590 mm to 620 mm.
3. The dimensions in the figures are in mm.

## Installation Important Instructions

### ! Content that means [mandatory]

1. The safe operation of this appliance can only be guaranteed if it has been installed to a professional standard in accordance with these installation instructions. The installer shall be liable for any damage resulting from incorrect installation.
2. The entire installation process requires two professional installers. Wear dry protective gloves during installation to avoid scratch or electric shock.
3. Fitted units must be heat-resistant up to 90°C, and adjacent unit fronts up to 70°C.
4. Please use a 16A socket.

### ⊘ Content that means [prohibit]

1. Do not install the appliance behind a decorative door or the door of a kitchen unit, as this may cause the appliance to overheat.
2. Check the appliance for damage after unpacking it. Do not connect the appliance if it has been damaged in transit.
3. Do not block the vent of the appliance and the gap between the cupboard and the appliance.
4. Use extreme caution when moving or installing the appliance. It is very heavy, do not lift the appliance by the door handle.
5. If the power cord or power plug is damaged, stop using the appliance immediately, to avoid fire, electric shock or other injuries.



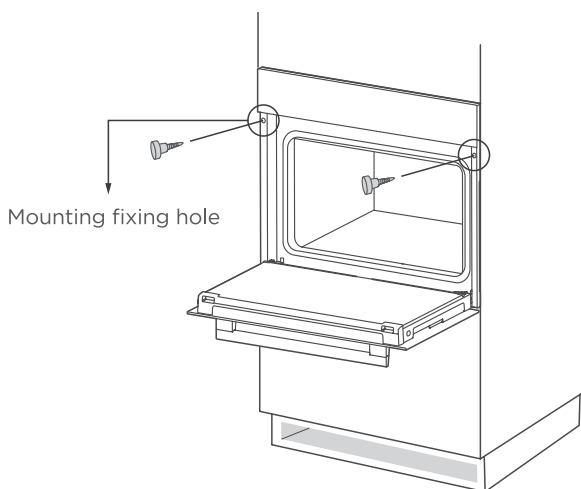
## Content that means [note]

1. Be very careful when moving or installing the appliance to avoid damage to the appliance or damage to the cupboards.
2. Before starting up the appliance, remove all packaging materials and accessories from the cavity.
3. The power socket shall be accessible to users (such as next to the cupboard) for easy power-off.
4. After installation is complete, make sure that the power plug is firmly inserted into the socket.
5. Please refer to the "Cupboard Diagram" for the requirements of net depth of the cupboard. The clearance between the cupboard bottom board and the rear board (or wall) shall not be less than 50 mm.

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## Installation Steps

1. Please customize the cupboard according to the "Cupboard Diagram".
2. Before installation, please check for normal power socket and appropriate grounding, and check whether the cupboard dimension meets the installation requirements.
3. Place the appliance in designated locations in the kitchen, install it in a vertical cupboard, and connect the power supply.
4. To locate the mounting fixing holes, open the appliance door and look at the side frame of the appliance (position shown above).
5. Fix the appliance to the cupboard with two rubber plugs A and screws B provided with the appliance.




# OPERATION INSTRUCTIONS

## Before Using For The First Time

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1. The oven must not be operated until it has been correctly installed.
2. To avoid fire, remove all transport protection materials and ensure that the oven is free of residual packaging items and accessories (e.g. foam, cardboard, grill tray, grill rack, etc.).
3. Clean the oven cavity and accessories with soapy water and a soft cloth.
4. Open kitchen windows and cooker hoods to maintain high ventilation.
5. Do not let children or pets into the kitchen and close the doors of adjacent rooms.
6. After connecting the power, activate the oven mode, time, and temperature in the table below to remove odors in the cavity.
7. After the first use, please open the oven door at a small angle and wait for the cooling to complete.

Function	Temperature	Time
 Conventional	250°C	0.5-1 Hour

## Setting The Clock

When the oven is first connected to the electrical supply and powered on, the clock will need to be set.

1. Press "⌚" key, the hour digit flashes.
2. Turn knob "K2" to adjust the hour digit.
3. Press "⌚" key, the minute digit flashes.
4. Turn knob "K2" to adjust the minute digit.
5. Press "⌚" key to complete the clock setting.

### NOTES

- The clock is a 24 hour clock.
- Before using the oven, please complete the clock setting.
- During the clock setting process, you can press "⏏" key to cancel the current clock setting.
- If you need to reset the clock, please follow the "Setting the clock" steps in standby mode.

## Function Setting

1. In standby or reminding state, turn knob "K1" to select the function.
2. Turn knob "K2" to adjust the temperature.
3. Press the "⏮" key to start cooking.
4. If you skip step 2, press the "⏮" key to start cooking. The default time is 9 hours, and the display screen shows the default temperature.

### NOTES

- During cooking, the time can be adjusted by turning the knob "K1". After adjusting the time, please press the "⏮" key within 3 seconds to confirm.
- During cooking, the temperature can be adjusted by turning the knob "K2". After adjusting the temperature, please press the "⏮" key within 3 seconds to confirm.
- As a sensor function, Oven light is used by consumers to actively choose to observe food or clean the cavity. After the user opens it, they need to actively close it before exiting and returning to standby mode.
- After cooking in the oven, the cooling fan will continue to dissipate heat. The oven will only close when the core temperature is below 75°C.

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## Lamp Function

Turning on the lamp can better observe the cooking situation of food. If you need to turn off or turn on the lamp, you can follow these steps:

1. Turn knob "K1" to select "⏮".
2. Press the "⏮" key to confirm.

## Reminder Function

This function will help to remind you to start cooking in a certain time. Only when oven in standby mode and clock setting, the reminder can be set.

1. Press the "⏮" key, and the hour digit flashes.
2. Turn knob "K2" to adjust the hour digit.
3. Press the "⏮" key, and the minute digit flashes.
4. Turn knob "K2" to adjust the minute digit.
5. Press the "⏮" key to complete the setting, and the icon "⌚" is always on, and the countdown starts. After the countdown is completed, the buzzer sounds and the icon "⌚" goes out.

### NOTES

- You can cancel the reminder by pressing the "⏮" key during setup.
- After setting the reminder, you can press the "⏮" key twice to cancel the reminder.

## Inquiring Function

1. During cooking process, if the clock has been set, press the "⌚" key to check the current time; If the reminder function is set, press the "⏮" key to check the reminder time.
2. In reminder state, if the clock is set, press the "⌚" key to check the current time.

## Start/Pause/Cancel Function

1. If the cooking time has been set, press the "▶" key to start cooking. If the cooking is paused, press the "▶" key to continue cooking.
2. During cooking process, press the "⏏" key once to pause the cooking. Press the "⏏" key twice to cancel the cooking.

## Energy-Saving Function

1. In standby or reminder state, press the "▶" key for 3 seconds to turn off the LED screen and enter the energy-saving mode.
2. In standby state, If there is no operation in 10 minutes, the LED screen will go off and enter the energy-saving mode.
3. In the energy-saving mode, press any key or turn the knob to exit the energy-saving mode.

## Child Lock Function

1. Enter the child lock: Press the "▶" and "⏏" keys for 3 seconds at the same time, the buzzer will beep, and the icon "🔒" will light up, indicating that the child lock is entered.
2. Release the child lock: Press the "▶" and "⏏" keys for 3 seconds at the same time, and the buzzer will beep, indicating that the child lock is released.

# CLEANING AND MAINTENANCE

## Cleaning

Disconnect the power supply before cleaning and maintenance.

In order to ensure the life of the oven, it should be thoroughly cleaned frequently.

Cleaning steps are as follows:

- After cooking, wait for the oven to cool completely.
- Remove oven accessories, rinse with warm water and dry.
- Clean up food debris from the oven chamber.
- Wipe the oven with a soft cloth stained with detergent, then dry with a dry soft cloth.

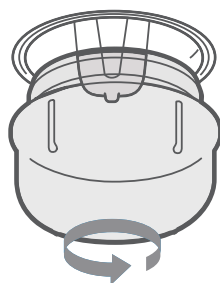
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## NOTES

- Do not use sharp cleaning tools, hard brush and corrosive cleaning products, so as not to damage the machine and its accessories.
- Do not use rough scrubbing agent or sharp metal spatula to clean the door glass.

## Lamp Replacement

- Switch off and disconnect the power from the oven. Ensure that the internal parts are cool before touching internal parts.
- Remove the lamp cover by turning it counter-clockwise (note, it may be stiff), replace the bulb with a new one of the same type.
- Insert the new bulb, which should be resistant to 300°C. For replacement bulbs contact your local service centre.
- If in any doubt, consult a qualified electrician for help.



## ⚠ WARNING


To avoid electric shocks-please ensure that the electricity supply to the appliance is switched off and the appliance is fully cold. before removing the lamp lens.

# TROUBLE SHOOTING

If the problem cannot be solved or other problems occur, please contact the after-sales service.

Problem	Possible reason	Solution
Unable to start	<ul style="list-style-type: none"> <li>Power is not connected</li> </ul>	<ul style="list-style-type: none"> <li>Connect power supply</li> </ul>
	<ul style="list-style-type: none"> <li>The main power switch is not turned on</li> </ul>	<ul style="list-style-type: none"> <li>Turn on the power switch</li> </ul>
	<ul style="list-style-type: none"> <li>Oven door not closed</li> </ul>	<ul style="list-style-type: none"> <li>Close the oven door</li> </ul>
lamp does not come on	<ul style="list-style-type: none"> <li>It's broken</li> </ul>	<ul style="list-style-type: none"> <li>Contact after-sales service</li> </ul>
Has a pungent odor or smoke	<ul style="list-style-type: none"> <li>First use</li> </ul>	<ul style="list-style-type: none"> <li>No processing required</li> </ul>
Food is not cooked	<ul style="list-style-type: none"> <li>Temperature is too low</li> </ul>	<ul style="list-style-type: none"> <li>Use a higher temperature</li> </ul>
	<ul style="list-style-type: none"> <li>Food portion is too large</li> </ul>	<ul style="list-style-type: none"> <li>Cook food in smaller pieces or extend the cooking time.</li> </ul>
Burnt or uneven food	<ul style="list-style-type: none"> <li>The temperature is set too high or the heating time is too long</li> </ul>	<ul style="list-style-type: none"> <li>Adjust the cooking temperature or time</li> </ul>
	<ul style="list-style-type: none"> <li>The food is too close to the heating tube</li> </ul>	<ul style="list-style-type: none"> <li>Adjust the placement layers of accessories</li> </ul>
The fan did not stop working after stopping the heating	<ul style="list-style-type: none"> <li>Fan delays blowing for heat dissipation</li> </ul>	<ul style="list-style-type: none"> <li>No processing required</li> </ul>

# TRADEMARKS, COPYRIGHTS AND LEGAL STATEMENT

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All the described functions and instructions were up to date at the time of printing this manual. However, the actual product may vary due to improved functions and designs.

# DISPOSAL AND RECYCLING

## Important instructions for environment

Compliance with the WEEE Directive and Disposing of the Waster Product:  
This product complies with EU WEEE Directive (2012/19/EU). This product bears a classification symbol for waster electrical and electronic equipment (WEEE).

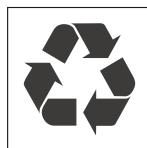
This symbol indicates that this product shall not be disposed with other household wastes at the end of its service life. Used device must be returned to official collection point for recycling of electrical electronic devices. To find these collection systems please contact to your local authorities or retailer where the product was purchased. Each household performs important role in recovering and recycling of old appliance. Appropriate disposal of used appliance helps prevent potential negative consequences for the environment and human health.



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## Package information

Packaging materials of the product are manufactured from recyclable materials in accordance with our National Environment Regulations. Do not dispose of the packaging materials together with the domestic or other wastes. Take them to the packaging material collection points designated by the local authorities.





# DATA PROTECTION NOTICE

For the provision of the services agreed with the customer, we agree to comply without restriction with all stipulations of applicable data protection law, in line with agreed countries within which services to the customer will be delivered, as well as, where applicable, the EU General Data Protection Regulation (GDPR).

Generally, our data processing is to fulfil our obligation under contract with you and for product safety reasons, to safeguard your rights in connection with warranty and product registration questions. In some cases, but only if appropriate data protection is ensured, personal data might be transferred to recipients located outside of the European Economic Area.

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Further information are provided on request. You can contact our Data Protection Officer via **MideaDPO@midea.com**. To exercise your rights such as right to object your personal data being processed for direct marketing purposes, please contact us via **MideaDPO@midea.com**. To find further information, please follow the QR Code.



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