# FISHER & PAYKEL

# **COMBINATION MICROWAVE OVEN**

MINIMAL

OM60NMTNG1 & OM60NMTNB1 models

USER GUIDE CN

Safety and warnings	5
First use	11
Setting a function	14
Conditioning the oven	16
Cooking options	17
Temperature sensor	19
Oven shelves	20
Care and cleaning	21
Side racks	23
Oven lights	25
Troubleshooting	26
Fault codes	28
Manufacturer's Warranty and Service guide	30

# A WARNING!

# Precautions to avoid possible exposure to excessive microwave energy

- Do not attempt to operate this microwave with the door open. This can result in harmful exposure to microwave energy. It is important not to damage or tamper with the safety interlocks.
- Do not place any object between the microwave oven and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- Do not operate the microwave oven if it is damaged. It is particularly important that the microwave oven door closes properly and that there is no damage to the: (1) door (bent), (2) hinges and latches (broken or loosened), (3) door seals and sealing surfaces.
- Do not repair or replace any part of the appliance unless specifically recommended in this guide. All other servicing should be done by a Fisher & Paykel trained and supported service technician.
- If the door seals are damaged, the oven must not be operated until it has been repaired by a competent person.
- It is hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy.

## A WARNING!

## **Electric Shock Hazard**

Failure to follow this advice may result in electric shock or death.

- Before carrying out any work on the electrical section of the appliance, it must be disconnected from the mains electricity supply.
- Connection to a good ground wiring system is absolutely essential and mandatory.
- Alterations to the domestic wiring system must only be made by a qualified electrician.
- Turn the oven off at the wall before replacing the oven lamp.

## A WARNING!



# Failure to use caution could result in injury.

• Take care - some edges are sharp.

## A WARNING!

### **Fire Hazard**

**Cut Hazard** 

Failure to follow this advice may result in overheating, burning, and injury.



- Do not use adapters, reducers, or branching devices to connect this appliance to the mains power supply.
- The microwave oven is intended for heating food and beverages. Drying of food or clothing and heating or warming pads, slippers, sponges, damp cloths and similar may lead to risk of injury, ignition or fire.

# IMPORTANT SAFETY INSTRUCTIONS READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

### WARNING!

To reduce the risk of fire, electrical shock, injury to persons or damage when using the appliance, follow the important safety instructions listed below. Read all the instructions before use. Use only for its intended purpose as described in these instructions.

#### Installation

- Ensure your appliance is properly installed and grounded by a qualified technician in accordance with the provided installation instructions.
- This appliance is intended to be built-in.
- Install or locate this appliance only in accordance with the provided installation instructions.
- Do not install or operate the appliance if it is damaged or not working properly. If you receive a damaged product, contact your dealer or installer immediately.
- The appliance must not be installed behind a decorative door in order to avoid overheating.
- Do not mount this appliance over a sink.
- This oven is not approved or tested for marine use.
- Do not store this appliance outdoors. Do not use this near a swimming pool, near a sink or in similar locations.
- Do not immerse cord or plug in water. Do not let cord hang over edge of table or counter. Keep cord away from heated surfaces.
- Do not cover or block any openings on the appliance.

#### Servicing

- User servicing: do not repair or replace any part of the appliance unless specifically recommended in this guide. All other servicing should be done by a Fisher & Paykel trained and supported service technician.
- WARNING: If the door or door seals are damaged, the oven must not be operated until it has been repaired by a trained person.
- If the microwave oven light fails, contact a Fisher & Paykel trained and supported service technician or Customer Care.

#### Fire hazard

- Do not overcook food. Carefully attend appliance when paper, plastic or other combustible materials are placed inside the microwave oven to facilitate cooking.
- Remove wire twist-ties from paper or plastic bags before placing in microwave.
- If materials inside the microwave oven should ignite, keep microwave oven door closed, turn microwave 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.
- Utensils should be checked to ensure that they are suitable for use in microwave ovens.
- When heating food in plastic or paper containers, check the oven frequently due to the possibility of ignition.
- If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
- During and after use, do not touch, or let clothing or other flammable materials contact any interior area of the oven; allow sufficient time for cooling first.

- In case of fire, smother the flame or use a dry chemical or foam type extinguisher.
- Use only dry oven mitts or potholders. Moist or damp potholders on hot surfaces could result in burns from steam. Do not let potholders touch hot areas or heating elements. Do not use a towel or a bulky cloth for a potholder. It could catch fire.

#### Food safety

 Safe food handling: leave food in the oven for as short a time as possible before and after cooking. This is to avoid contamination by organisms which may cause food poisoning. Take particular care during warm weather.

#### General

- This product has been designed for use in a domestic (residential) environment. This product is not designed for any commercial use. Any commercial use by the customer will affect this product's manufacturer's warranty.
- 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
  - by clients in hotels, motels and other residential environments
  - bed and breakfast type environments
- Household appliances are not intended to be played with by children.
- Do not leave children alone. Children should not be left alone or unattended in the area where the appliance is in use. They should never be allowed to sit or stand on any part of the appliance.
- HOT CONTENTS CAN CAUSE SEVERE BURNS. DO NOT ALLOW CHILDREN TO USE THE MICROWAVE. Use caution when removing hot items.
- Children of less than 8 years old must be kept away from the appliance unless continuously supervised. 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 the use of the appliance in a safe way and they understand the hazards involved. Cleaning and user maintenance shall not be done by children without supervision.
- Do not place heavy objects on the oven door.
- Do not let aluminium foils and food probes touch the heating elements.
- Do not operate your appliance by means of an external timer or separate remote control system.
- Placement of oven shelves: always position shelves in the desired location while the oven is cool (before preheating). If a shelf must be removed while the oven is hot, do not let the oven mitts or potholder contact hot heating elements in the oven or the base of the oven.
- During use the appliance becomes hot. Care should be taken to avoid touching heating elements inside the oven.
- Do not heat unopened food containers. They can build up pressure that may cause the container to burst and result in injury.

#### Cleaning

- The oven must be cleaned periodically and all food residues must be removed.
- Failure to keep the oven clean could cause deterioration of the surfaces that could reduce the life of the appliance and cause dangerous conditions.
- Do not use oven cleaners, harsh/abrasive cleaning agents, waxes, or polishes. No
  commercial oven cleaner, oven liner, or protective coating of any kind should be used in
  or around any part of the oven. Do not use harsh/abrasive cleaners, scourers or sharp
  metal scrapers to clean the oven door glass since they scratch the surface, which may
  result in the glass shattering.
- Avoid using products containing chlorine, acids or abrasives, especially for cleaning painted parts. In addition, avoid using acid or alkaline substances.
- Do not spray water or use a steam cleaner to clean any part of the oven. Use only slightly damp cloths.

#### **Microwave cooking**

- · Do not operate microwave functions while the oven is empty.
- Eggs in their shells and whole hard-boiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended.
- The contents of feeding bottles and baby food jars are to be stirred or shaken and the temperature is to be checked before consumption, in order to avoid burns.
- Microwave heating of beverages can result in delayed eruptive boiling, therefore care has to be taken when handling the container.
- 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 A SPOON OR OTHER UTENSIL IS INSERTED INTO THE LIQUID.
- Do not overheat liquid. To avoid delayed boiling when heating liquids, always put a spoon in the container. Beverages containing spoons should be placed in the centre of the oven. Metal components must stay at least 2 cm from the walls of the oven and the inside of the door. Sparks could damage the inside of the glass door. Stir the liquid both before and halfway through heating it.
- Do not use straight-sided containers with narrow necks. Use a wide-mouthed container.
- After heating, allow the container to stand in the microwave oven for at least 20 seconds before removing the container.
- Use extreme care when inserting a spoon or other utensil into the container.
- WARNING: Liquids and other foods must not be heated in sealed containers since they are liable to explode.
- · Only use utensils that are suitable for use in microwave ovens.

#### Unsuitable dishware

- Never turn on the microwave oven before you have put in the food. The only exception allowed is testing dishware.
- Only use plates and crockery that are microwave safe.
- Never heat food covered in tin foil when using microwave or combination functions.
- Use only bakeware approved for oven use. Follow the manufacturer's instructions.
- Metallic containers for food and beverage are not allowed during microwave cooking.

#### Pacemakers

 Most pacemakers are shielded from interference from electronic products, including microwaves. However, patients with pacemakers may wish to consult their physicians if they have concerns.

#### Arcing

- Arcing can occur during both speed cooking and microwave cooking. If you see arcing, press CANCEL/OFF and correct the problem. Arcing is the microwave term for sparks in the oven. Arcing is caused by:
  - Metal or foil touching or being very close to the side of the oven walls.
  - Metal cookware used during microwave or combination functions.
  - Metal such as twist-ties, poultry pins, or goldrimmed dishes in the oven.
  - Recycled paper towels containing small metal pieces being used in the oven.
  - The temperature sensor touching the microwave racks and shelves. To prevent this, remove the temperature sensor from the oven when not in use and ensure it does not protrude from your food during use.



#### Features and accessories

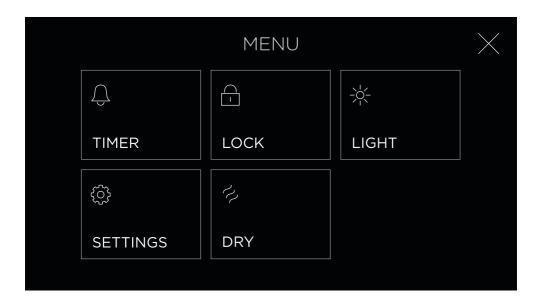
- ① Oven controls
- Oven light
- ③ Shelves
- ④ Side racks

- ⑤ Temperature sensor
- 6 Grill rack
- Glass dish

Not shown: door opening tool.



Control panel		
(1) Touchscreen display	Use to navigate cooking functions, features and settings.	
② Quickstart Microwave	Select to quickly access everyday microwave cooking.	
<b>③</b> Cook by Function	Choose a function best suited to your cooking requirements.	
④ Cook by Food Type	Guided cooking to help you get optimal results.	
(5) Cook by Recipe	A collection of recipes designed specifically for this style of oven.	
6 Menu	Press to access additional features and settings.	
⑦ Open door button	Press to open or close the oven door.	



Menu		
TIMER	Û	Use the timer to keep track of cooking times. You can use it at any time, even if you are not using the oven.
		The timer does not turn the oven off. Refer to 'Cooking options' for automatic cooking options.
LOCK	-	Lock the oven controls to prevent accidental use. When locked, the controls will be unresponsive and the oven will not turn on. Press and hold the dial to unlock.
LIGHT	->	Turn the oven lights <b>ON/OFF</b> .
SETTINGS	¢}	Adjust the oven settings to suit your preferences.
DRY	<i>i</i> y	Run a dry cycle to help remove any moisture from your oven.

#### Before you begin

(1)

(2)

(3)

(4)

- Ensure all cable ties and packaging have been removed.
- Set the time. To change the time at any point go to SETTINGS and select CLOCK: SET TIME.
- Condition your oven according to the instructions under 'Conditioning the oven'.



Position the shelves at the required height. Ensure shelves are level and correctly positioned with the guard rail at the back.



Select a cooking mode.



Select a function.

For more information on each function, select the description below the function name.



Adjust the temperature, microwave power level or cook time if needed, then press **START**.

- MICROWAVE functions
   Place food in the oven before pressing
   START.
- MICROWAVE + CONVECTION functions Place food in the oven when prompted.
- CONVECTION functions Place food in the oven when the oven has finished preheating.

#### Opening the oven door

When first using the oven, the door may take slighter longer than normal to open.

#### Preheating

A progress bar will show on the screen while the oven is heating. To prevent burning, wait until the oven has reached temperature before placing food inside.

Some functions do not need to preheat and will not show a progress bar. Place food in the oven when ready to start cooking.

To reach the set temperature quickly, some functions have a rapid preheat stage that uses all elements.

#### Turning the oven off



When you have finished cooking, press **CANCEL** to turn the oven off.

We recommend conditioning your oven for 1 hour before initial use to eliminate any manufacturing residue. A small amount of smoke may be present, ensure kitchen is well ventilated.



Set the oven to  $\ensuremath{\mathsf{BAKE}}$  at 200°C and heat for 30 minutes.



After 30 minutes change the function to **FAN GRILL** and heat for 5 minutes.

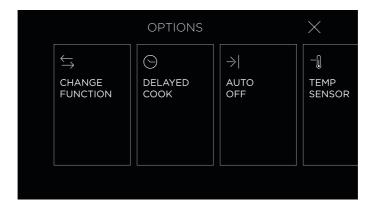


After 5 minutes, change to **FAN FORCED** and heat for a further 20 minutes. When you have finished, turn the oven off.

#### After conditioning:

(2)

- Wait for the oven to cool completely.
- Wipe oven with a damp cloth and mild detergent.
- Dry with a clean, lint-free cloth.



#### Change function

Quickly view and switch functions.

#### Delayed cook

Set the oven to turn on later, cook for a set length of time and turn off automatically.

#### Auto off

Set the oven to turn off after a set length of time.

#### Temperature sensor

Use the sensor to monitor cooking and automatically turn the oven off when food is done.

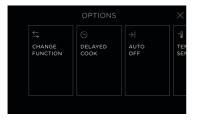
#### Accessing options

(1)

(2



Select a function, then press **OPTIONS**.



Select a cooking option and follow the instructions onscreen.

#### Food safety

- Leave food in the oven for as short a time as possible before and after cooking.
- Ensure meat is fully defrosted before cooking.
- Rest meat after cooking to allow the internal temperature to continue to rise.
- High risk foods such as fish should reach a minimum internal temperature of 63 70°C and poultry and minced meat should reach 75 - 85°C.

#### **Delayed cook**

The grill element may come on while the oven is heating up. Position food on a lower shelf or cover to prevent burning as the oven heats up.

When using DELAYED COOK we do not recommend using GRILL, FAN GRILL or AIR FRY.

### **TEMPERATURE SENSOR**



(1)

(3)

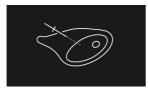
(4

Select a cook function Go to OPTIONS and select TEMPERATURE SENSOR.



Select a food type and temperature then press **START**.

Allow your oven time to preheat if necessary.



Insert the sensor into your food.

Position the sensor in the thickest part of the dish, avoiding fat and bone in meat.

Ensure the tip of the sensor doesn't protrude out the other side of food or touch cookware.



Place food in the oven and plug in the sensor. The sensor will click when it is in place.

The socket is located inside the oven, on the left hand side.

Proceed with caution when removing the temperature sensor from the product after use. It will be hot, and it may cause burns. For best practice use oven gloves.

Only use the provided temperature sensor in your microwave oven.

When the sensor is not in use, ensure it is removed from the oven and the silicon plug is inserted into the socket.

#### Positioning the shelves

Place shelves in the oven at the required level before heating the oven.



Slide shelves into the cavity.

Ensure shelves are level and correctly positioned with the guard rail at the back.

Turn the oven off at the wall and allow it to cool before doing any cleaning or maintenance.

#### **Cleaning surfaces**

Wipe with a damp cloth and mild detergent, then dry with a clean, lint-free cloth. We do not recommend using the following cleaning products as they may damage the surfaces:

- Plastic or stainless steel scouring pads
- Abrasive, solvent, household cleaners
- Acid or alkaline cleaners
- Hand washing liquids or soap
- Stainless steel cleaners or polishes
- Laundry detergents or disinfectants

#### General

We recommend cleaning any easy-to-reach spills or splatters from the oven after every use, to prevent them becoming baked on.

#### Oven door glass

Clean the oven door glass after every use to prevent stains from becoming baked on.

WHAT?	HOW?	IMPORTANT!	
Control Panel	Take particular care when cleaning the control panel glass and screen. Only use a damp cloth with detergent.	Do not use any oven cleaners, harsh or abrasive cleaners, scouring pads, steel wool or sharp metal scrapers on the glass. These may scratch and damage the surface.	
Oven door frame and plastic corner clips	Clean with hot water and mild detergent, then wipe dry.		
Oven seal	Do not clean this part.		
Oven cavity	Clean with hot water and mild detergent or an ammonia-based cleaner, the wipe dry.	Clean any easy-to-reach spills, food or grease stains from the oven after each use to prevent stubborn soiling.	
Oven door glass (after every use)	Clean with hot water and mild detergent.	Do not use oven cleaners or any other harsh/abrasive cleaners, cloths, scouring pads, steel wool or	
	For stubborn stains, try a mixture of baking soda and warm water with a non-abrasive scrubbing pad.	sharp metal scrapers to clean the oven door glass. These scratch the glass, which in turn could result in the glass cracking and shattering. Do not allow grease to build up on the glass or become baked on as this reduces visibility into the oven.	

WHAT? HOW?		IMPORTANT!	
Temperature sensor	Clean with hot water and mild detergent, then wipe dry.	Do not wash in the dishwasher or use oven cleaner on it.	
Grill rack	Clean with hot water and mild		
Glass dish	detergent.		
Wire shelves	Soak stubborn stains in a solution of dishwasher powder and hot water. These parts are dishwasher safe.		

### Removing the side racks

(1)

(2)

3

Remove the side racks to make cleaning easier.



Remove all shelves.



Unscrew the nuts holding the rack in position.

Use a coin to initially loosen the nuts if required.



Remove the rack from the oven.

### Refitting the side racks



2



Position the rack in place.



Screw the nuts in place to secure the rack. Use a coin to tighten if required.

### **Oven light specifications**



G9 220 - 240V/25W halogen bulbs

To replace the oven light bulbs, contact Customer Care or go to our website www. fisherpaykel.com

Oven bulb replacement is not covered by your warranty.

PROBLEM	POSSIBLE CAUSES	WHAT TO DO	
The oven does not work	No power.	Check that the mains power supply (wall switch) is turned on, the fuse has not tripped and there is no power outage in your area.	
The oven does not work but the screen is on	The oven is in Demo Mode. Call Customer Care.		
The door is opening slower than usual	First time opening the door. This is normal. The oven door return to normal speed next is opened.		
The lights do not come on when I open the	The oven light bulb(s) have blown.	Call Customer Care.	
oven door	The oven light has been turned off.	Go to the menu in the top left corner of the screen and select LIGHT.	
The oven controls are unresponsive	The control panel is locked.	Touch and hold the screen to unlock.	
The oven is not heating	The door is not properly closed or it is opened too frequently during cooking.	The heating elements are disabled while the door is open. Make sure the door is properly closed and avoid opening it frequently during cooking.	
A glass pane in the oven door has cracked, chipped, or shattered	Incorrect cleaning or the edge of the glass hitting against something.	You must <b>NOT</b> use the oven. Contact a Fisher & Paykel trained and supported service technician or Customer Care.	
I can feel hot air blowing out of the vents after I have turned the oven off	This is normal.	For safety reasons the cooling fans will continue to run even when you have turned the oven off. The fans will switch off automatically when the oven has cooled.	
The oven fan comes on when I select a function that does not use a fan (eg BAKE or CLASSIC BAKE)	This is normal.       Wait until the progress bar of screen disappears: the oven is preheating. It may turn off when the oven has reached the set temperature.		
The oven cancels automatic cooking when I try to adjust the clock setting	The oven was set for automatic cooking when you were trying to adjust the clock setting.	You can only adjust the clock setting while the oven is not set for automatic cooking.	

- -

PROBLEM	POSSIBLE CAUSES	WHAT TO DO	
The oven has reached the set temperature but the temperature dial halo is still red	The oven is set to <b>GRILL</b> .	This is normal. The dial halo will stay red whenever this function is in use as the grill element is always heating.	
The oven sounds a tone when I try to set the temperature below a certain temperature	This is normal: for food safety reasons, the oven functions have factory-set minimum temperature settings.	Select a different temperature or try a different function that is designed for low temperatures.	
The temperature dial halo never turns white when I use GRILL	This is normal: the halo stays red to indicate that the grill element provides instant radiant heat.		
The displays work, and the function and temperature dials halos come on but the oven does not heat up	The oven is in 'Demo' mode.	Call Customer Care.	
The oven has moisture building up during cooking	This is normal. Many forms of cooking, especially microwave functions, generate moisture during cooking.	The moisture can be dried out either using a cloth or using the dry function accessible within the cooking menu.	

#### How do I know if there is a problem?

Your oven will beep and an alert will show in the display.

#### What to do

First try to fix the issue and clear the alert according to the instructions onscreen or the steps in the following table.

Do not turn the oven off at the wall unless it is completely cool. Turning off the power while the oven is too hot may damage the oven and its surrounding cabinetry.

#### If the problem persists

- 1 Note down the fault code.
- ② Contact Customer Care or a Fisher & Paykel trained and supported service technician. Refer to the Service and Warranty booklet for contact details.

If the fault code has disappeared, the fault has been reset and you can continue to use your oven.

FAULT CODE	POSSIBLE CAUSE	WHAT TO DO
A1	The oven has overheated.	<ul> <li>Allow the oven to cool down.</li> <li>After the oven has cooled and the door is unlocked, power down the oven before turning it back on.</li> <li>You can now use the oven.</li> </ul>
A5	Microwave system has overheated.	<ul> <li>Allow the oven to cool down.</li> <li>After the oven has cooled, power down the oven before turning it back on.</li> <li>You can now use the oven.</li> </ul>
F + number	Technical fault.	<ul> <li>Note down the alert code.</li> <li>Wait until the cooling fans have stopped and the oven has completely cooled down.</li> <li>Turn the power to the oven off at the wall.</li> <li>Contact a Fisher &amp; Paykel trained and supported service technician or Customer Care.</li> </ul>

This appliance contains the following food contact parts and meets the requirements of GB 4806.1-2016 and related national standards for food safety. It is suitable to contact foods. Please follow the instructions when using the product.

PART NAME	DESCRIPTION	MATERIAL	COMPLIANCE STANDARD
Glass tray	Clear glass	Glass	GB4806.3-2016
Enamel liner	Black enamel	Metal and enamel	-
Enamel fan shroud	Black enamel	Metal and enamel	-
Oven door Seal	Black silicone rubber	Silicone rubber	GB4806.11-2016
Inside glass of the door	Clear glass	Tempered glass	GB4806.5-2016
Lamp cover on oven liner	Clear glass	Glass	-
Upper heating pipe	Silver coloured metal	Stainless steel 309s(06Cr23Ni13)	GB4806.9-2016
Temperature transducer	Silver coloured metal	Stainless steel	-
Temperature transducer holder	Silver coloured metal	Electroplating, chrome plating/zinc plating	-
Heating pipe holder	Silver coloured metal	Stainless steel 304(06Cr19Ni10)	_
Electroplating grill	Silver coloured metal	Electroplating (copper plating/nickel plating/ chrome plating)	-
Rack screw nut	Silver coloured metal	Stainless steel 304(06Cr19Ni10)	-
Rack screw bolt	Silver coloured metal	Stainless steel 304(06Cr19Ni10)	_



#### To access your Warranty and Service Guide

Scan the QR code with your smartphone to access your warranty and book a service, or view online at https://www.fisherpaykel.com/ cn/help-and-support/warranty-information

This product has been designed for use in a domestic (residential) environment. This product is not designed for any commercial use. Any commercial use by the customer will affect this products Manufacturer's Warranty.

#### Complete and keep for safe reference:

Model	
Serial No.	
Purchase Date	
Purchaser	
Dealer	
Suburb	
Town	
Country	

### FISHERPAYKEL.COM

 $\odot$  Fisher & Paykel Appliances 2024. All rights reserved.

The models shown in this guide may not be available in all markets and are subject to change at any time.

The product specifications in this guide apply to the specific products and models described at the date of issue. Under our policy of continuous product improvement, these specifications may change at any time.

For current details about model and specification availability in your country, please go to our website or contact your local Fisher & Paykel dealer.

