

MonoEquip.com

# MONO Eco Connect Plus Convection Oven

EN

## Quick Start Guide



Oven Serial Number \_\_\_\_\_

Oven Code    138    149    150    153    158    159    170    173

Condenser Serial Number \_\_\_\_\_ (if fitted)

In the event of an enquiry, please quote these serial numbers.



# Declaration of Conformity



We the manufacturer: **MONO EQUIPMENT**  
 Queensway,  
 Swansea West  
 Industrial Park,  
 Swansea  
 SA5 4EB  
 UK

Machine:

FG Code:

Serial No:

Hereby declare that this machine conforms with and complies with the following directives:

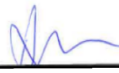
- The Machine Directive **2006/42/EC**
- The Low Voltage Directive **2014/35/EC**
- The Electromagnetic Compatibility Directive 2014/30/EU Incorporating Standards **EN 55014-1:2017/A11:2022 & EN 55014-2:1997+A1:2001+A2:2008**
- The General Safety of Machinery and Food Processing Standards
- Materials and Articles Intended to Come into Contact with Food – Regulation **(EC) No. 1935/2004**
- Good Manufacturing Practices (GMP) for Materials Intended to Come into Contact with Food  
 - Regulation **(EC) No. 2023/2006**

A technical construction file for this machine is retained at MONO Equipment

**MONO Equipment** is a business name of **AFE Group Ltd** Registered in England No. 3872673  
 VAT Registration No. 923428136  
 Registered office: Unit 35,  
 Bryggen Road,  
 North Lynn Industrial Estate,  
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\_\_\_\_\_

Mr Craig Petherbridge  
Quality & Compliance Manager

  
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Mr Alex Davies  
Engineering Manager

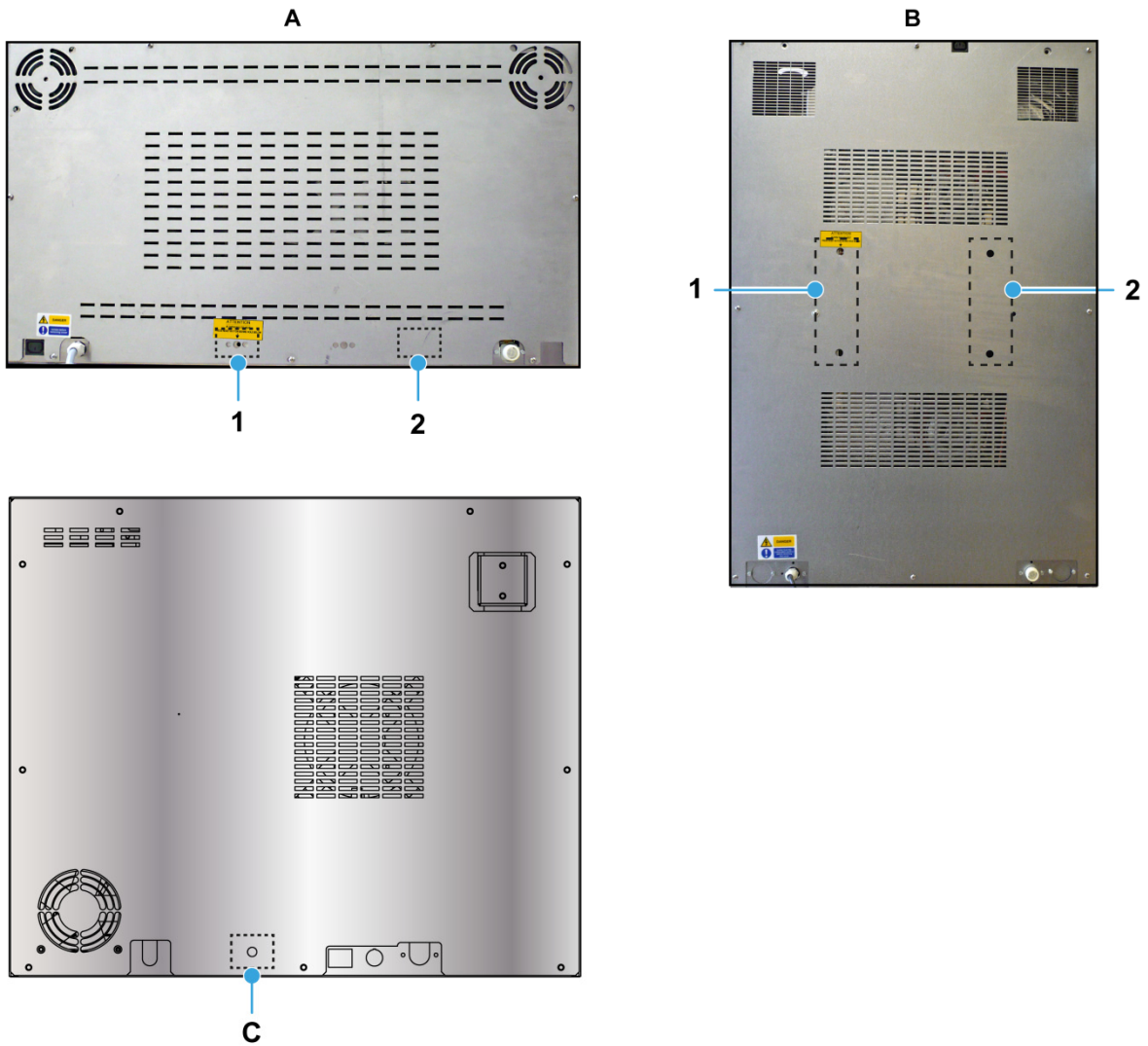
QD 001

Dated 01/11/2022

# ATTENTION

If the oven fails to heat up when first connected to a power supply or during use at any time, press the reset buttons located on the rear back panel.  
(Do not remove the back panel)

If this fails to correct the situation, please contact your supplier.



- 
- A. Rear panel of 4/5-tray oven. The reset button hole can be at position 1 or 2 depending on the model
  - B. Rear panel of 10-tray oven. The reset button hole can be at position 1 or 2 depending on the model
  - C. Reset button hole on the rear panel of a 7-tray oven
-

# How to open the double-catch door

1. Turn the handle **left** to release the door catch halfway.
  - This step allows the steam and heat to escape.
2. Turn the handle **right** to release the door catch entirely.
3. Open the door.



**NOTE**

- These instructions apply to both left-hand and right-hand ovens.
- Close the door by just pushing it shut.



Closed-door



Step 1. Turn left



Step 2. Turn right

## Safety Symbols

The following safety symbols are used throughout this product manual. Before using your new equipment, read the instructions carefully and pay special attention to the information marked with the following symbols:



**DANGER**

Indicates an immediate hazard with a high risk of death or serious physical injury if not avoided.



**WARNING**

Indicates a potential hazard with a medium risk that could result in death or serious physical injury if not avoided.



**CAUTION**

Indicates a hazardous situation that could result in minor or moderate injury if not avoided.

# Electrical Safety Notice



## Electrical safety and advice regarding supplementary electrical protection

Commercial kitchens and food service areas are environments where electrical appliances may be located close to liquids, operate in and around damp conditions or where restricted movement for installation and service is evident.

The appliance installation and periodic inspection should only be undertaken by a qualified, skilled, and competent electrician and connected to the correct power supply suitable for the load as stipulated by the appliance data label.

The electrical installation and connections should meet the mandatory requirements of the local electrical wiring regulations and any safety guidelines.

### We recommend:

- Supplementary electrical protection with the use of a residual current device (RCD)
- Fixed wiring appliances should also incorporate a locally situated switch disconnecter to connect to, which is easily accessible for switching off and safe isolation purposes. The switch disconnecter must meet the specification requirements of IEC 60947.

### Your attention is drawn to the following:

#### BS 7671:2018 – Guidance Note 8 – 8.13: Other locations of increased safety risk

It is recognised that there may be locations of increased risk of electrical shock other than those specifically addressed in Part 7 of BS 7671. Examples of such locations could include laundries, where washing and drying machines are nearby, and water is present, and commercial kitchens with stainless steel units where, once again, water is present. Where, because of the perception of additional risks being likely, the installation designer decides that an installation or location warrants further protective measures, the options available include:

- Automatic Disconnection of Supply (ADS) using a residual current device having a residual operating current not exceeding 30 mA;
- Supplementary protective equipotential bonding; and
- Reduction of maximum fault clearance time.

The provision of RCDs and supplementary bonding must be specified by the host organisation's appointed installation designer or electrical contractor and installed by a suitably qualified and competent electrician to comply with Regulations 419.2 and 544.2.



### WARNING

- The supply to this machine must be protected by a 30mA-rated Type 'B' Residual Current Device (RCD).
  - Before installation, it is recommended that a qualified and competent electrician first tests the electrical outlet (power socket) for electrical safety.
-

# Water Leak Safety Notice



## WARNING

- **Take action immediately to get a water leak fixed and prevent death or serious injury from electrocution.**

It is essential to regularly check for any signs of a water leak from an oven installation. If there is evidence of a water leak, do not ignore it. Immediately report it to a manager or as applicable to your organisation.

Furthermore:

- Disconnect or completely isolate the oven from the electrical supply (see **Isolation** section on page 16).
- Place an out-of-service notice on the oven.
- Contact your oven supplier or MONO Equipment for technical assistance.

Ovens must be maintained and serviced at appropriate intervals to ensure the oven operates at optimum levels. See the **General Maintenance** section on page 36.

## General Notices



### NOTICES

#### ■ Warranty information

- Ambient working temperatures for electrical components, such as solenoid switches, circuit breakers and motors, should not exceed 40 °C (115 °F). Manufacturers of these, and other electrical components, advise that any ambient temperature above this affects the functionality of the components. Any related guarantees become void.
- It is the owners' responsibility to ensure adequate ventilation is provided. Any component malfunctioning during the guarantee period found to have been subjected to excessive humidity or ambient working temperatures is not covered by the component manufacturers or MONO Equipment's product warranty.
- Failure to adhere to the cleaning and maintenance instructions detailed in this User Manual also could affect the warranty of this machine.
- Visit the [MONO Parts and Labour Warranty page](#) for further information.

#### ■ Continuous improvements

- Our policy is to improve our machines continuously, and we reserve the right to change specifications without prior notice.

**Thank you for purchasing this MONO Eco Connect+ oven.**  
*“A combination of clean industrial design and the latest technology.”*

The information in this quick start guide should get your purchase up and running without any problems. There is a complete Installation and Operating Manual available at [www.monoequip.com](http://www.monoequip.com). If you have a problem with your purchase, please get in touch with us at:

**MONO Equipment Limited**

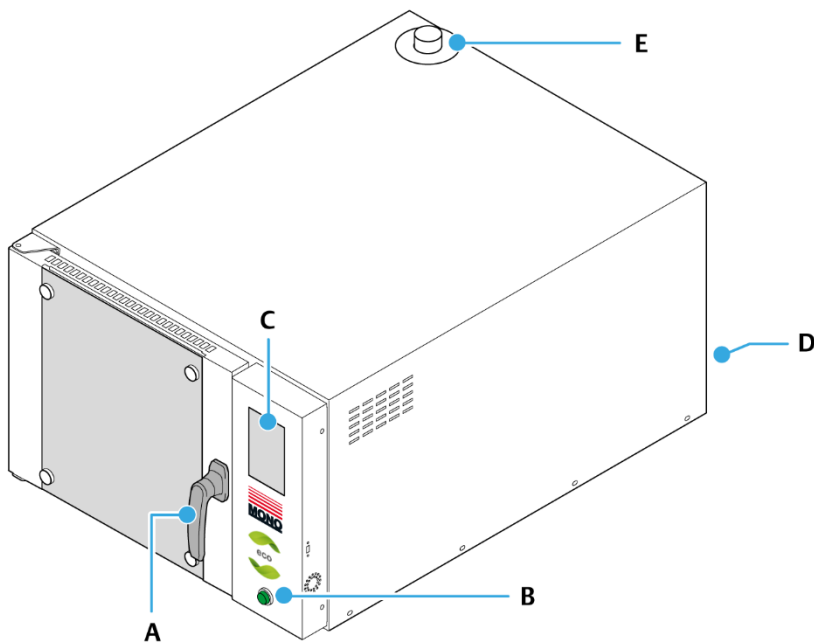
Queensway, Swansea West Industrial Park, Swansea, SA5 4EB, UK

Tel. +44/0 1792 561234

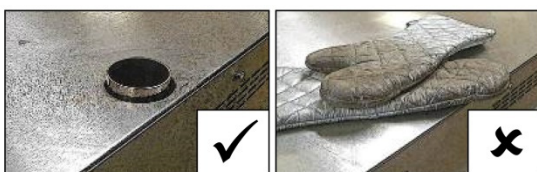
Email: [mono@monoequip.com](mailto:mono@monoequip.com)

Please quote the oven’s serial number (**Figure 1**) when contacting us. You can write the serial number on the front page.

**Figure 1:** Eco Connect Plus oven features



- A. Double-latch door handle – see page 4
- B. Power On/Off switch
- C. Touchscreen
- D. Identification / Serial number plate.
- E. Damper flue – do not cover the flue



# Specifications

**Table 1: Technical specifications summary**

	4/5-Tray				7-Tray	10-Tray		
	FG159	FG153	FG158	FG173	FG138	FG150	FG149	FG170
Tray size (mm)	-	400 x 600	600 x 400	400 x 800	400 x 600	-	-	-
Tray size (inches)	18 x 30	-	-	-	-	18 x 30	400 x 600	400 x 800
Distance between trays	93 mm	93 mm	84 mm			100 mm	100 mm	100 mm
Height (oven only)	525 mm	525 mm	570 mm	570 mm	655 mm	1170 mm	1170 mm	1170 mm
Height (oven + base)	-	-	-	-	1255 mm	1870 mm	1870 mm	1870 mm
Width	840 mm	780 mm	1000 mm	780 mm	780 mm	840 mm	780 mm	780 mm
Depth, door closed <sup>(1)</sup>	1269 mm	1103 mm	890 mm	1103 mm	1103 mm	1209 mm	1109 mm	1309 mm
Depth, door open <sup>(1)(2)</sup>	1828 mm	1610 mm	1610 mm	1810 mm	1610 mm	1770 mm	1609 mm	1809 mm
Weight (kg), approximate	165	115	110	160	125	290	250	262
Total power required (kW)	8.5	7.5	7.5	7.5	10	17	15	17
Water supply <sup>(3)</sup>	■	■	■	■	■	■	■	■
Modularity	■	■	■	■	■	■	■	■
Landscape tray orientation			■					
Portrait tray orientation	■	■		■	■	■	■	■
Single (1) phase electrics <sup>(4)</sup>	■	■	■					
Three (3) phase electrics <sup>(4)</sup>	■	■	■	■	■	■	■	■
Steam function	■	■	■	■	■	■	■	■
Damp function	■	■	■	■	■	■	■	■
LED door lights	■	■	■	■	■	■	■	■
Stackable	■	■	■	■	<sup>(6)</sup>			
Display	7-inch HD TFT resistive touchscreen, portrait format							
Noise level (dB)	85	85	85	85	85	85	85	85
Variable fan speed <sup>(8)</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Optional extras</b>								
Calcium treatment unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water condenser <sup>(5)</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Valance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Base unit <sup>(7)</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

- <sup>(1)</sup> Includes the handle.
- <sup>(2)</sup> Excluding services. Allow room for water and electrical supply connections.
- <sup>(3)</sup> See the **Water** section on pages 12 and 14 for further information.
- <sup>(4)</sup> See sections **Electrical Specifications** on page 9 and **Power Supply** on page 11 for further information.
- <sup>(5)</sup> See the **Installation and Operation Manual** (FG1BX-UK-MAN-0300) for further information.
- <sup>(6)</sup> Can be stacked with a 4/5-tray oven only.
- <sup>(7)</sup> Base units are 300 mm up to 920 mm high.
- <sup>(8)</sup> Only available for Eco Connect Plus and Eco Connect+ Wash ovens.

- Available
- Optional extra



# Electrical specifications

## Power supply



- WARNING**
- An electrical socket must be protected by a 30mA Type 'B' Residual Current Device (RCD) before installation and commissioning of the oven.
  - Always fit a wall-mountable isolator switch to isolate the oven entirely from the electrical supply in an emergency. The isolator must be visible, labelled as an emergency shutdown device, and easily accessible.
  - Check that the electrical requirements on the oven's information plate match the supply before connecting the power cable and turning the power on for the first time.

**Table 2: Oven supply specifications**

Oven		Electrical supply	Fused at	Total power (kW)
4/5-Tray	18" x 26"	240 Vac (50 Hz), 1-phase	40 Amps	7.5
	26" x 18"			
	18" x 30"			
	40cm x 60cm			
	60cm x 40cm			
	40cm x 80cm			
	18" x 26"	380 Vac (50 Hz), 3-phase + neutral + earth	(Contact factory)	(Contact factory)
	26" x 18"			
	18" x 30"			
	40cm x 60cm			
	60cm x 40cm			
	40cm x 80cm			
	18" x 26"	415 Vac (50 Hz), 3-phase + neutral + earth	11 Amps per phase	7.5
	26" x 18"			
	40cm x 60cm			
60cm x 40cm				
40cm x 80cm				
18" x 30"	414 Vac (50 Hz), 3-phase + neutral + earth	12 Amps per phase	8.5	
7-Tray	40cm x 60cm	240 Vac (50 Hz), 1-phase	45 Amps	10
		380 Vac (50 Hz), 3-phase + neutral + earth	(Contact factory)	(Contact factory)
		415 Vac (50 Hz), 3-phase + neutral + earth	14 Amps per phase	10
10-Tray	18" x 26"	380 Vac (50 Hz), 3-phase + neutral + earth	(Contact factory)	(Contact factory)
	18" x 30"			
	40cm x 60cm			
	40cm x 80cm			
	18" x 26"	415 Vac (50 Hz), 3-phase + neutral + earth	32 Amps	17
	18" x 30"			
	40cm x 60cm			
40cm x 80cm				

# Safety

Only fully trained and authorised persons are permitted to work on the oven. Qualified electricians must carry out all repairs and maintenance. Always disconnect or isolate the power supply before starting maintenance or cleaning work on the oven.

A responsible Bakery Manager or Supervisor must carry out daily safety checks. Bakery staff **must not**, under any circumstances, remove covers or panels to access any part of the oven.

**DANGER**

- Never use the USB port to power or recharge electronic devices, e.g. mobile phones. Incorrect usage causes damage to the oven and could result in a fire.
- 

**WARNING**

- Before using the oven:
    - Ensure all covers, panels, cables, and pipe fittings are secure.
    - Visually examine the oven for apparent damage or signs of tampering.
  - If the oven is damaged or malfunctioning, or missing parts:
    - Stop using it.
    - Do not attempt any repairs.
    - Contact MONO Equipment for technical assistance.
  - Never operate the oven with any covers or panels removed.
  - All utility connections to the oven must comply with the statutory requirements of the country where the oven is installed.
  - Ensure this product manual is read thoroughly before operating the oven. Operate and maintain the oven only as described in this product manual.
- 

**WARNING**

- An electrical socket must be protected by a 30mA-rated Type 'B' Residual Current Device (RCD) before installation and commissioning of the oven.
  - Always fit a wall-mountable isolator switch to isolate the oven entirely from the electrical supply in an emergency. The isolator must be visible, labelled as an emergency shutdown device, and easily accessible.
  - Check that the electrical requirements on the oven's information plate match the supply before connecting the power cable and turning the power on for the first time.
  - Before installation, it is recommended that a qualified and competent electrician first tests the electrical outlet (power socket) for electrical safety.
  - Always ensure your hands are dry before touching any electrical components, including cables, switches, and plugs.
-

**CAUTION**

- Be aware of hot surfaces:
    - Do not touch the oven door with bare skin.
    - Always use oven gloves when loading or unloading the oven.
    - Allow time for the oven to cool down before cleaning it. To prevent door glass from shattering, do not clean the oven glass when hot.
    - While the oven is in operation (and for some time after use), touching the oven window or the surrounding panels is inadvisable because of conducted heat.
  - When removing products from the oven, ensure the following:
    - Tins are knocked out and stored directly onto a tin storage trolley or rack. Do not leave hot tins on the floor or tables.
    - Trays are put into a rack and then wheeled to a safe cooling area.
  - Fully train operatives before they use the oven. Anyone undergoing training must be under the direct supervision of someone experienced.
  - Ensure there are no trip hazards around the oven, e.g. trailing cables.
  - Check that the floor around the oven is not slippery, e.g. no liquid spills.
  - Do not store items on top of or behind the oven.
  - Never climb onto the roof of the oven.
  - Only use the oven for baking bread, pastries, and cakes. Contact MONO Equipment for other product-baking machines.
  - No unauthorised modifications to the oven are permitted.
-

# Installation

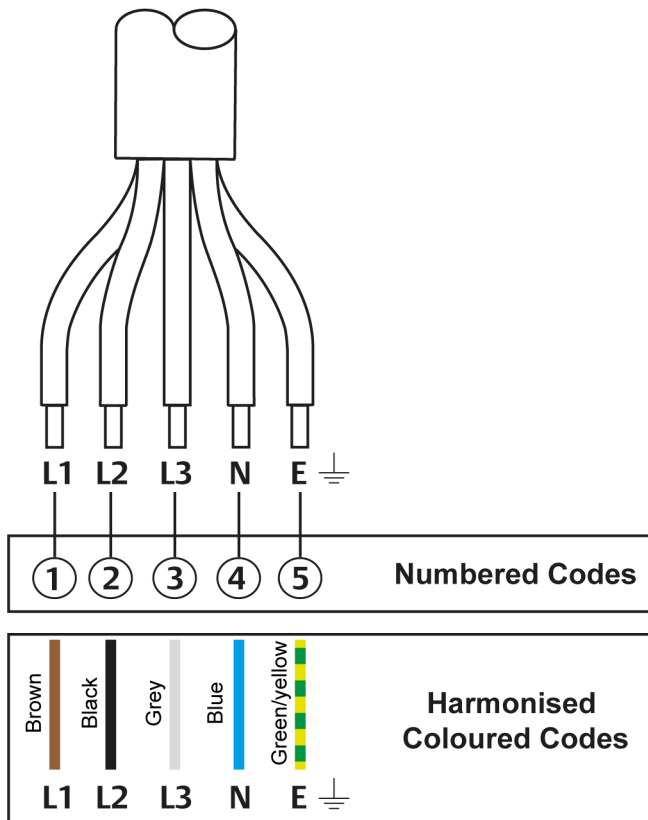
## Power supply



**WARNING**

- An electrical socket must be protected by a 30mA-rated Type ‘B’ Residual Current Device (RCD) before installation and commissioning of the oven.
- Always fit a wall-mountable isolator switch to isolate the oven entirely from the electrical supply in an emergency. The isolator must be visible, labelled as an emergency shutdown device, and easily accessible.
- Check that the electrical requirements on the oven’s information plate match the supply before connecting the power cable and turning the power on for the first time.

**Figure 2: Main power supply connections**



**NOTE**

- L2 and L3 are for three-phase installations only.
- See the **Specifications** section for electrical specifications.

## Water supply

Connect to a suitable water supply, ensuring the pipes are flushed out to remove all foreign bodies, i.e., flux or solder. When operating an oven in a hard water area, ensure that an efficient water-softening device protects the water supply to the oven. MONO Equipment is not responsible for installing and maintaining an adequate water supply to the oven that complies with local and national water regulations.

- The oven ships with a one-metre flexible hose – ¾-inch BSP connections (both ends).
- Water pressure requirements: 2 to 4 bar
  - Domestic pressure is usually within this parameter.
- A water conditioning unit is advised.
- No drain is required unless fitting a condenser unit.

## Ventilation

It is the customer's sole responsibility to arrange for adequate ventilation. It should be sufficient to ensure water does not condense on or around the oven.

- Allow a 50 mm gap at the sides and rear of this oven.
- Chimneys and evacuation ducts fitted above mono ovens should be insulated.

## Before use

For hygiene reasons, MONO Equipment highly recommends thoroughly wiping the inside of the oven and all accessories with a clean cloth soaked in warm soapy water before using the oven for the first time. Although the utmost care is taken during assembly and pre-delivery inspection, there is always a possibility of residue contaminating the first bake if this is not done.

Ensure that the locking casters on the base unit (if supplied) are locked into position.

## Safety

- Review the safety information on **page 10**.
- Allow sufficient space for the oven door to open fully and easy loading and unloading of product trays without people coming in contact with hot surfaces.
- Racks should be available to allow cooked products to cool safely.
- Oven gloves should be available at all times.

**NOTE**

- This Installation and Operating Manual is available in Adobe PDF format at [www.monoequip.com](http://www.monoequip.com).

## Ambient working temperatures

Ambient working temperatures for electrical components, such as solenoid switches, circuit breakers, and motors, **should not exceed 40 °C (115 °F)**. Manufacturers of these, and other electrical components, advise that any ambient temperature above 40 °C (115 °F) affects the functionality of the components, and any related guarantees become void. For example, motors are not sufficiently cooled, contactor efficiency is seriously impaired, and electronic components shut down.

It is the customer's sole responsibility to arrange for adequate ventilation. Any component malfunctioning during the guarantee period found to have been subject to excessive humidity or ambient working temperature above 40 °C (115 °F) would not be covered by the component manufacturer guarantee or MONO's product warranty.

# Isolation

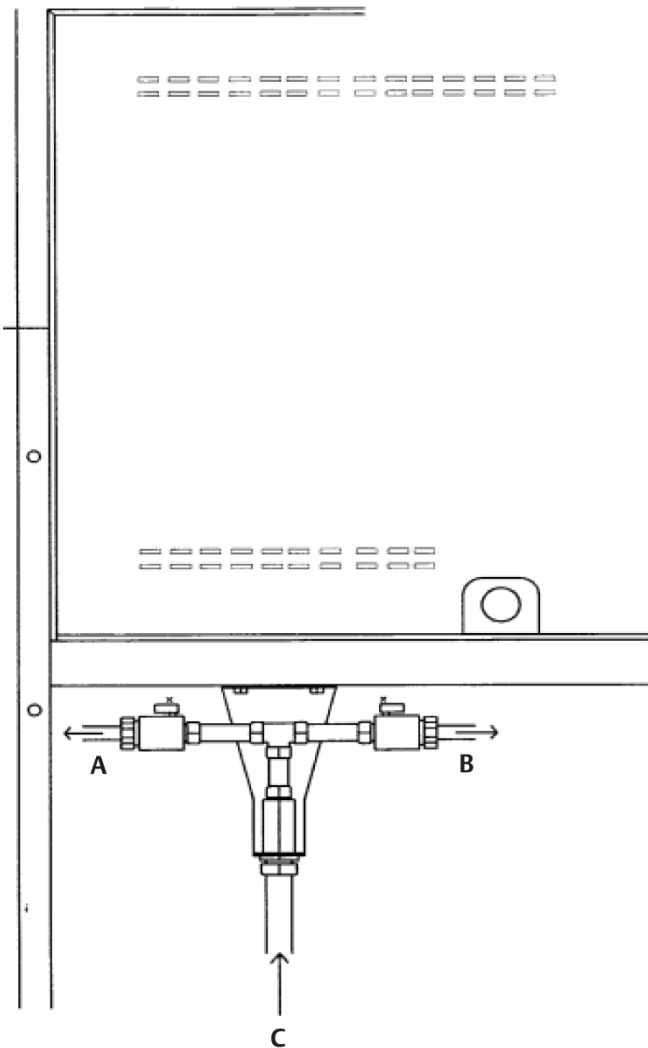
## Electrical supply

To stop the oven **in an emergency**, switch off the electricity using the wall-mounted isolator switch.

## Water supply

**In an emergency**, shut off the water supply to stacked ovens by closing the shut-off valves (**Figure 3**).

**Figure 3:** View of rear connections on a MONO Eco Connect Plus oven



Turn the appropriate valve 90° anti-clockwise (↺) to turn off the water supply.

- A. Top oven supply
- B. Bottom oven supply
- C. Supply from water filter

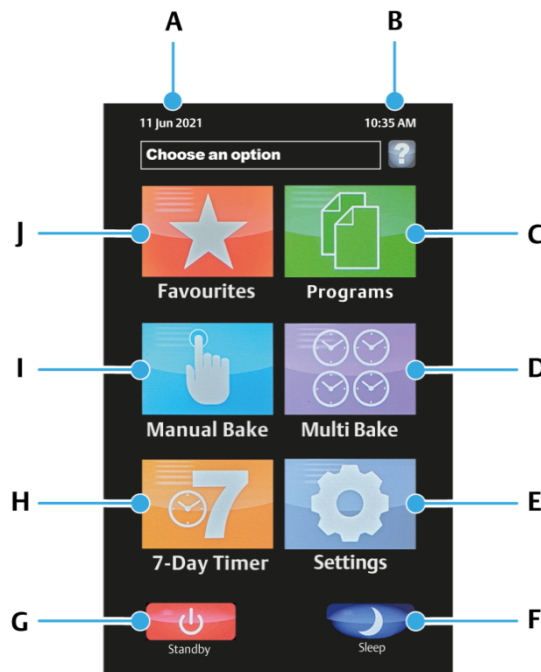
# Touchscreen Operations

Operations are performed by touching an area of the screen, bringing up the next information panel or activating a function.



**CAUTION** ■ Do not use excessive force to operate the touchscreen panel.

**Figure 4:** Main screen



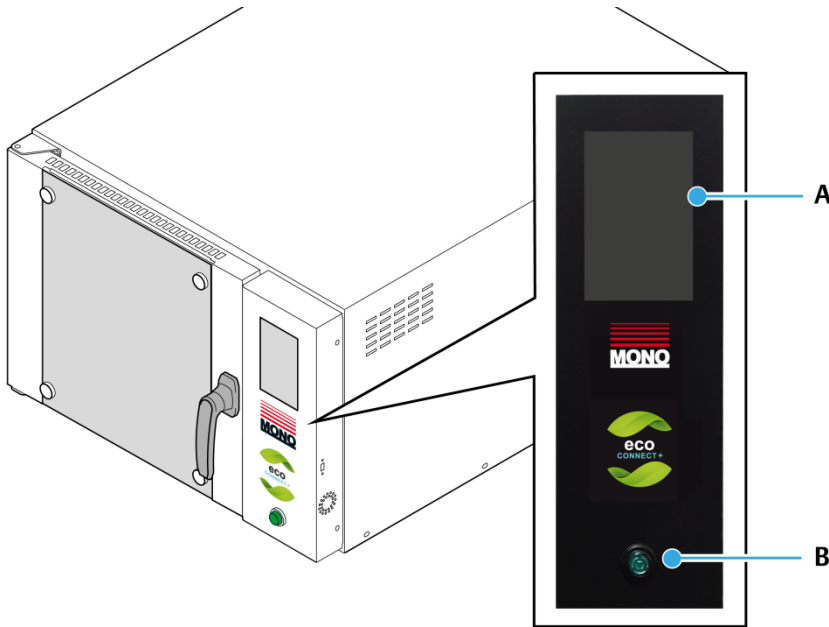
Callout	Function	Purpose of the function
A	Date	It shows the current date.
B	Time	It shows the current time.
C	Programs	Access to saved baking recipe programs. Creation of programs.
D	Multi Bake	Creation of up to four simultaneous bakes with different timings.
E	Settings	Access to oven settings.
F	Sleep	Sleep mode – see page 33.
G	Standby	Standby mode – see page 33.
H	7-Day Timer	Create an oven on/off schedule for every day of the week.
I	Manual Bake	Baking using manual controls.
J	Favourites	Easy selection of most frequently used baking recipe programs.

**NOTE:** The images are for illustration purposes and may differ from your oven.



## Starting and operating using ready-made recipes (programs)

1. Ensure the electrical and water supplies are safely connected to the oven (see **Installation** on page 12).
2. If the display (A) is blank, press the green power button (B) at the bottom of the front panel.  
The oven goes through a boot-up sequence. Please wait.



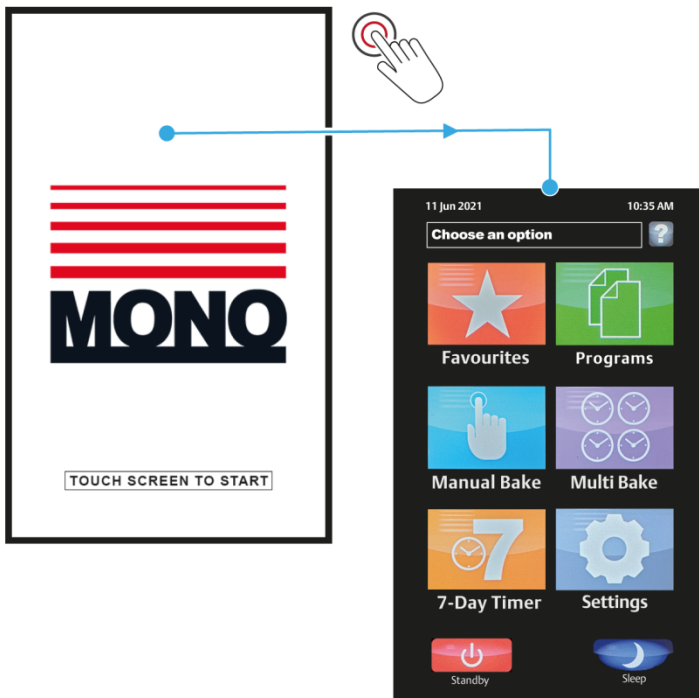
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### NOTE

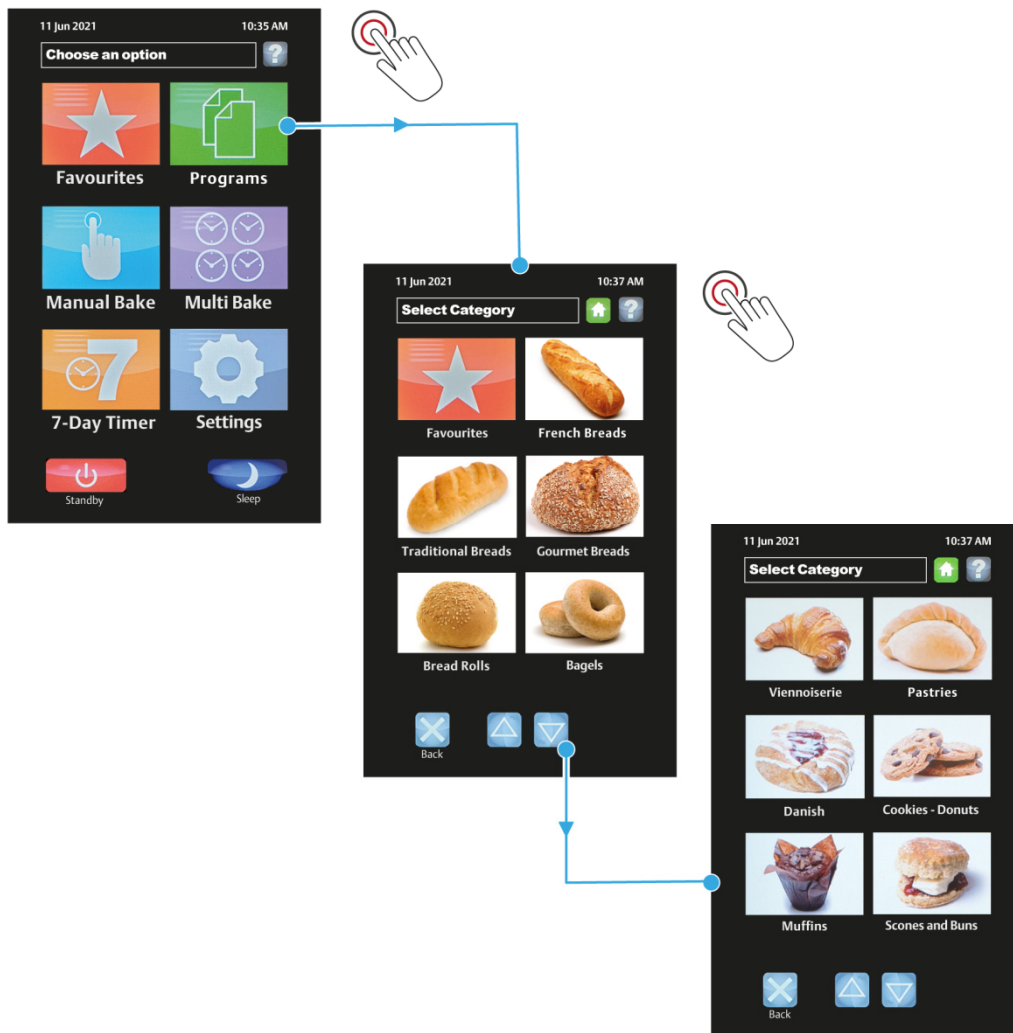
The images are for illustration purposes and may differ from your oven.

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3. When a start-screen (wallpaper) appears, touch the screen anywhere to display the main screen.



4. Touch the **Programs** tile on the **Choose an option** screen.



5. Select a product category.

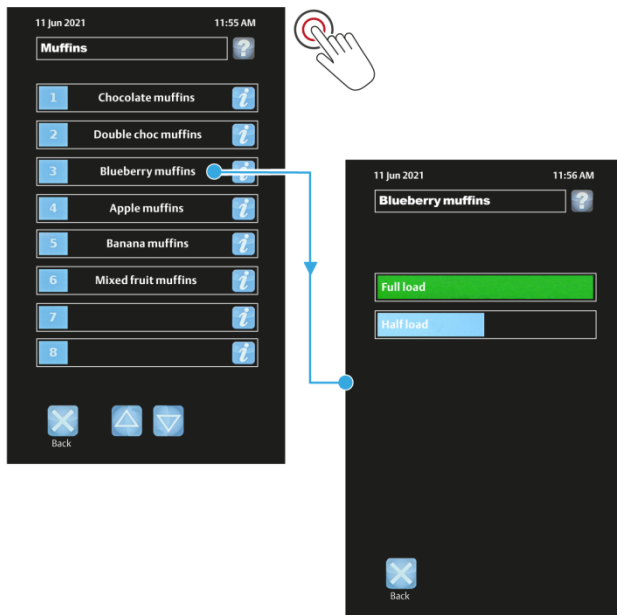
- (a) Touch the scroll up and down buttons to change category pages.
  - The **Back** button returns the display to show the **Choose an option** screen.
- (b) Touch the tile of a product type you require (e.g., muffins).
  - A list of recipes then displays for that product type.

**NOTE**

Tiles typically show a product group image or a program number group, depending on how the oven was factory configured. See the complete Installation and Operation Manual on [www.monoequip.com](http://www.monoequip.com) for how to do updates using the USB flash drive (if supported).

6. Select a baking recipe

- (a) Touch the baking recipe required (e.g., blueberry muffins).
- (b) If prompted, select **Full Load** or **Half Load** depending on the oven loading.



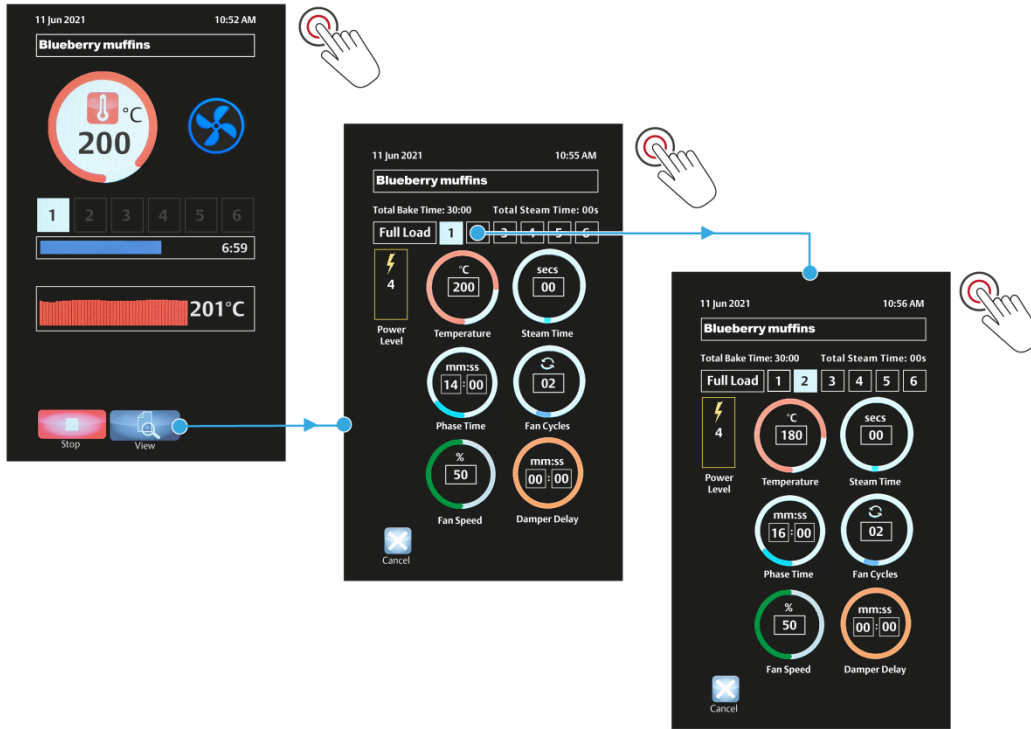
- 7. A baking screen now appears.
  - (a) Wait while the oven heats up. A **Heating** message flashes on the screen.
  - (b) Load the oven with products when **Ready** flashes on the screen.
  - (c) Touch **Start** to begin baking.



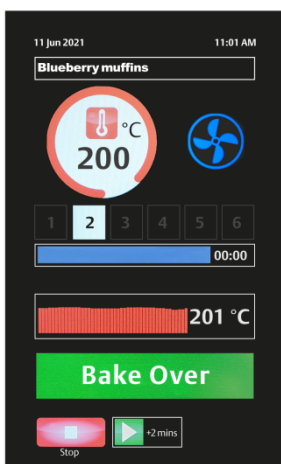
**NOTE**

To maintain the heat in the oven, do not leave the door open for longer than needed. The actual oven temperature fluctuates during a bake – this is normal and not an oven fault.

8. During a bake, two actions can be performed.
  - Touch the **View** button to view settings during a bake.
    - Touch the numbered square (e.g., **2**) to view the settings for different baking phases.
    - The **Cancel** button displays the baking screen again for the present baking phase.
  - Touch the **Stop** button to stop a bake at any time.



9. When a buzzer sounds to indicate the bake is complete, two actions can be performed:
  - Press the **Stop** button to finish the bake, or
  - Press the **+2 mins** to continue the bake for a further two minutes.
    - This time extension is adjustable in the **Settings** menu.



10. Remove the trays and close the door to preserve the heat.

## Manual bake (no program mode)

1. Touch the **Manual Bake** tile.
2. Set the temperature required.
  - (a) Touch the **Temperature** circle.
  - (b) Key in the temperature required.
  - (c) Touch the **OK** (✓) button.



3. Set the baking time required.
  - (a) Touch the **Timer** circle.
  - (b) Use the up and down keys to edit the time.
  - (c) Touch the **OK** (✓) button.

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### NOTE



When the time is **00:00**, and the **Start** button is touched, the timer counts upwards until the bake is stopped. If the screen shows **HEATING**, wait until the oven is up to temperature before touching **Start**.

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4. Load the oven with products and touch **Start**.

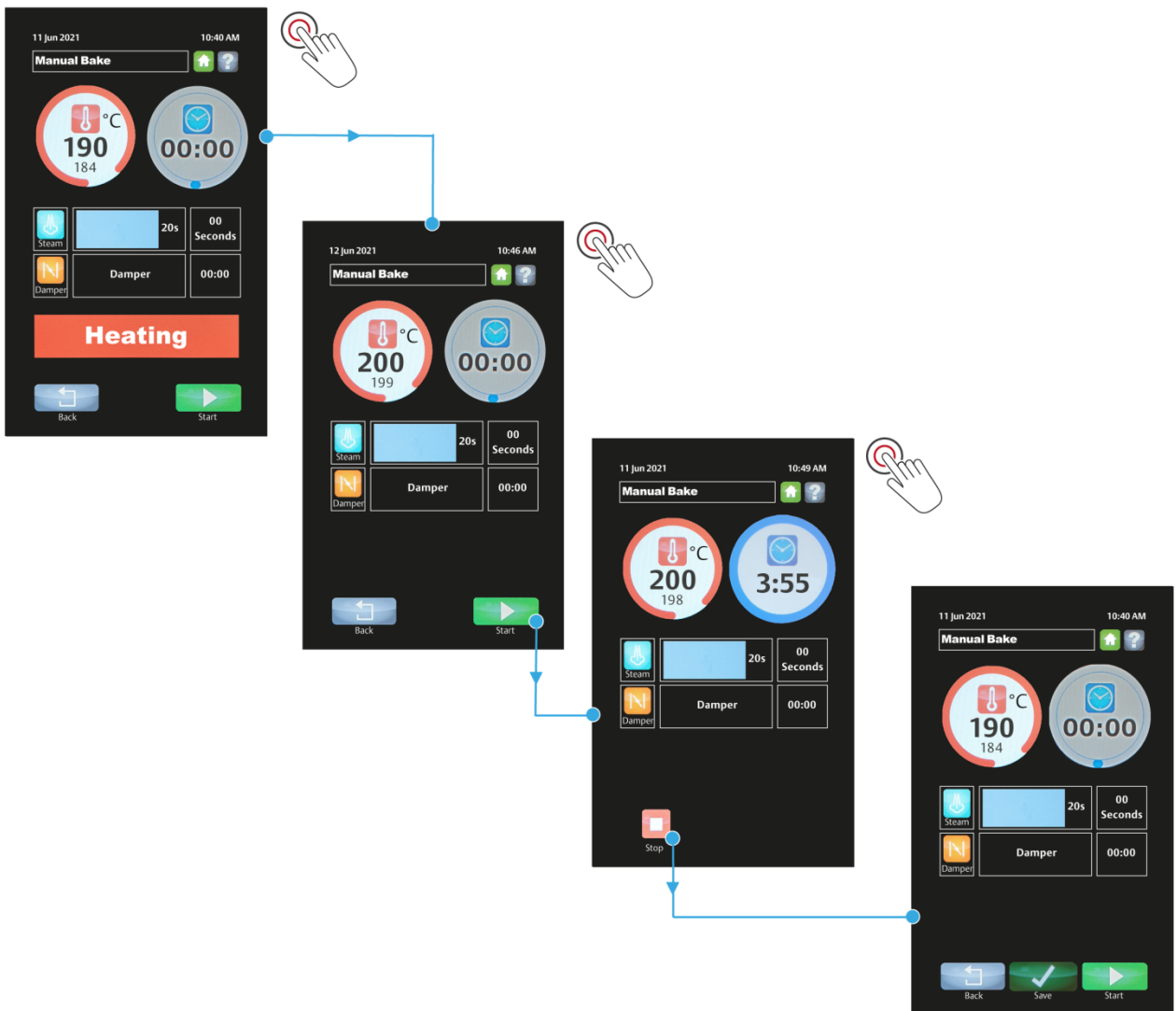
- The timer counts down from a set time to **00:00** or counts upwards if no time is set.

5. Use the steam and damper functions when needed.

Button	Function	Purpose of the function
	Steam	After touching <b>Start</b> , touch the <b>Steam</b> button for the number of seconds wanted and release.
	Damper	Touch the <b>Damper</b> button to open the damper, and touch again to close. (The button changes colour when the damper is open).

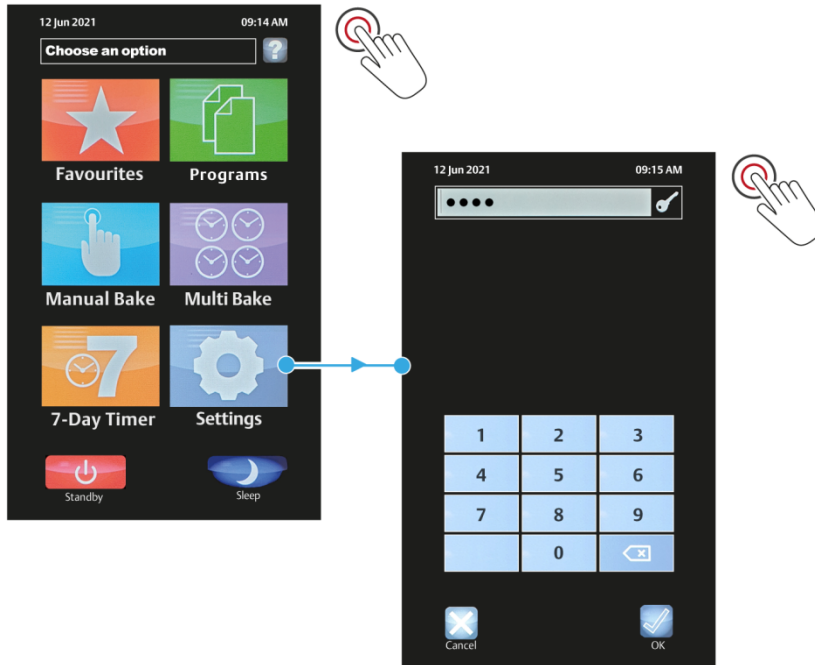
6. When the timer is counting down and reaches **00:00**, a sounder is heard. A **BAKE OVER** message also flashes on the screen. Touch **Stop** to stop the sounder.

7. The bake can be stopped at any time by touching Stop.



## Setting the time and date

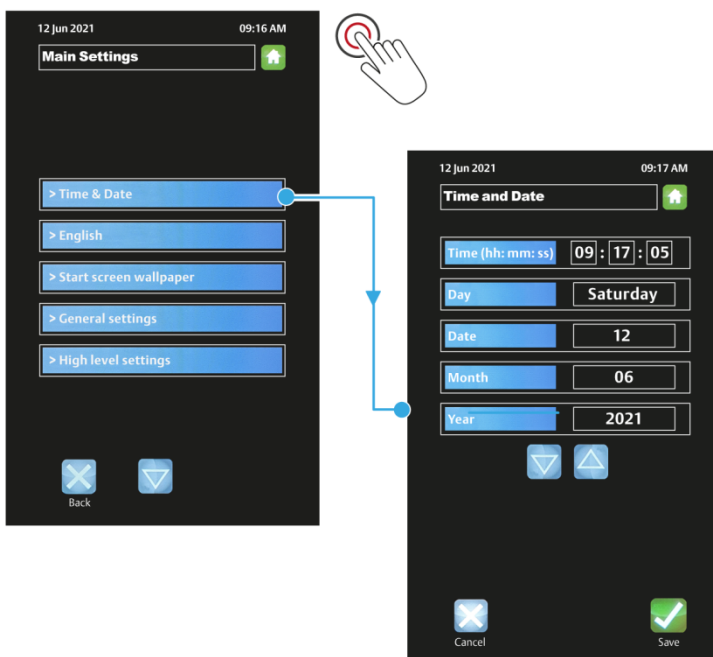
1. Touch the **Settings** tile.
2. Enter the **Oven Settings** password, and then touch the **OK** (✓) button.



### NOTE

Default passwords for the various access levels are in the Passwords section of this manual. However, for security reasons, the passwords section may have been removed.

3. Touch the **Time & Date** box.



4. Touch the item that needs adjusting, and then use the up or down arrows as required.
  - The time, date, month, and year can be adjusted.
  - The day is not adjustable – it automatically updates using the date, month, and year.



5. Touch **Save** (✓) to confirm new settings.
6. Touch the **Home** button to return to the main screen.

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**NOTE**

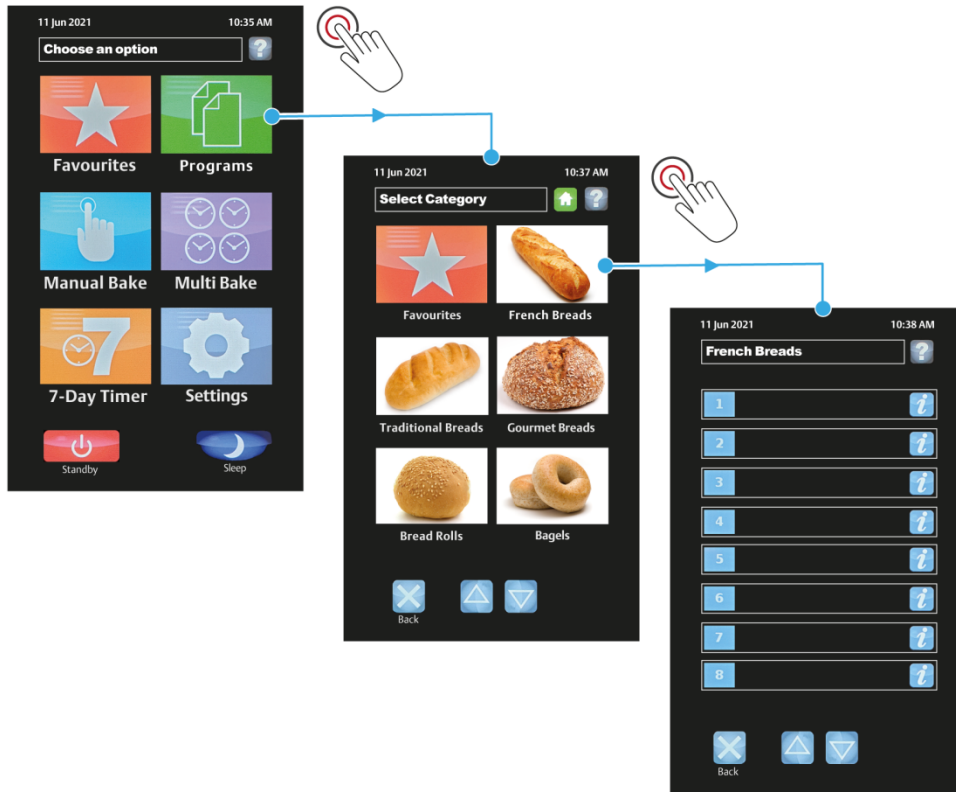
Default passwords for the various access levels are in the Installation and Operating Manual. However, for security reasons, the passwords section may have been removed.

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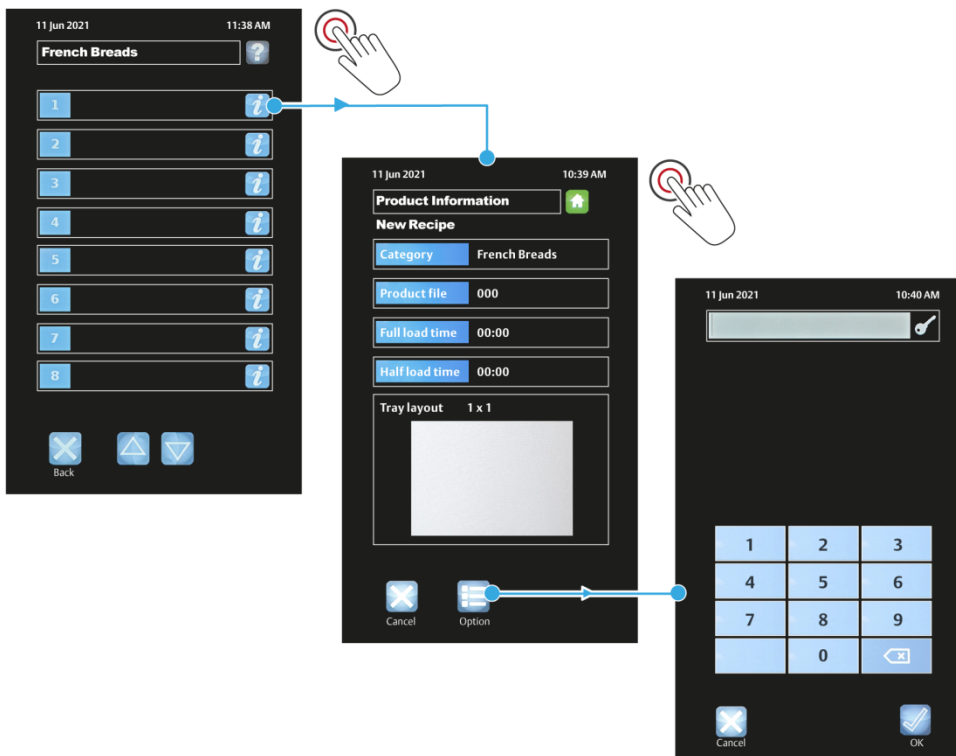


# Setting up a new program

1. Touch the **Programs** tile.
2. Choose the category or number group required.



3. Touch the **Info** (i) button of the next free recipe slot.
4. Touch the **Options** button.



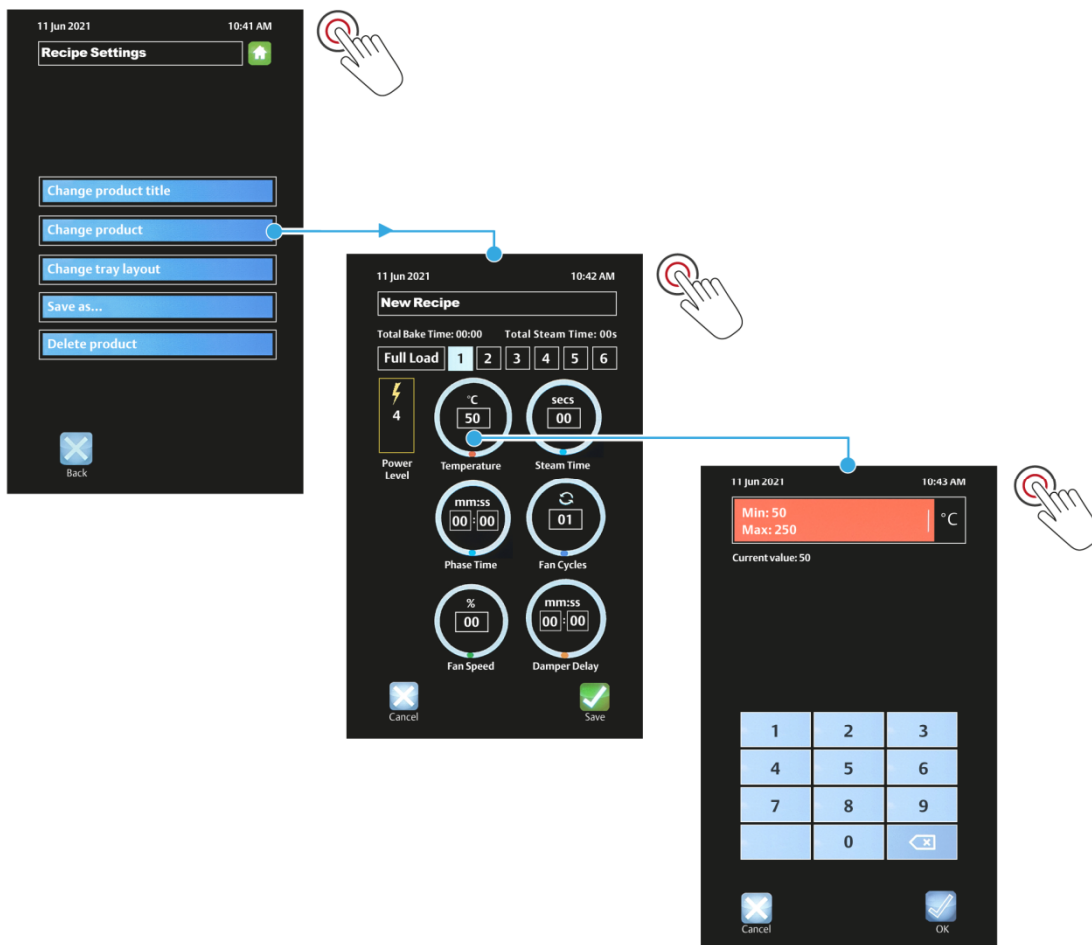
5. Enter the **Operator** password and touch **OK**.

**NOTE**

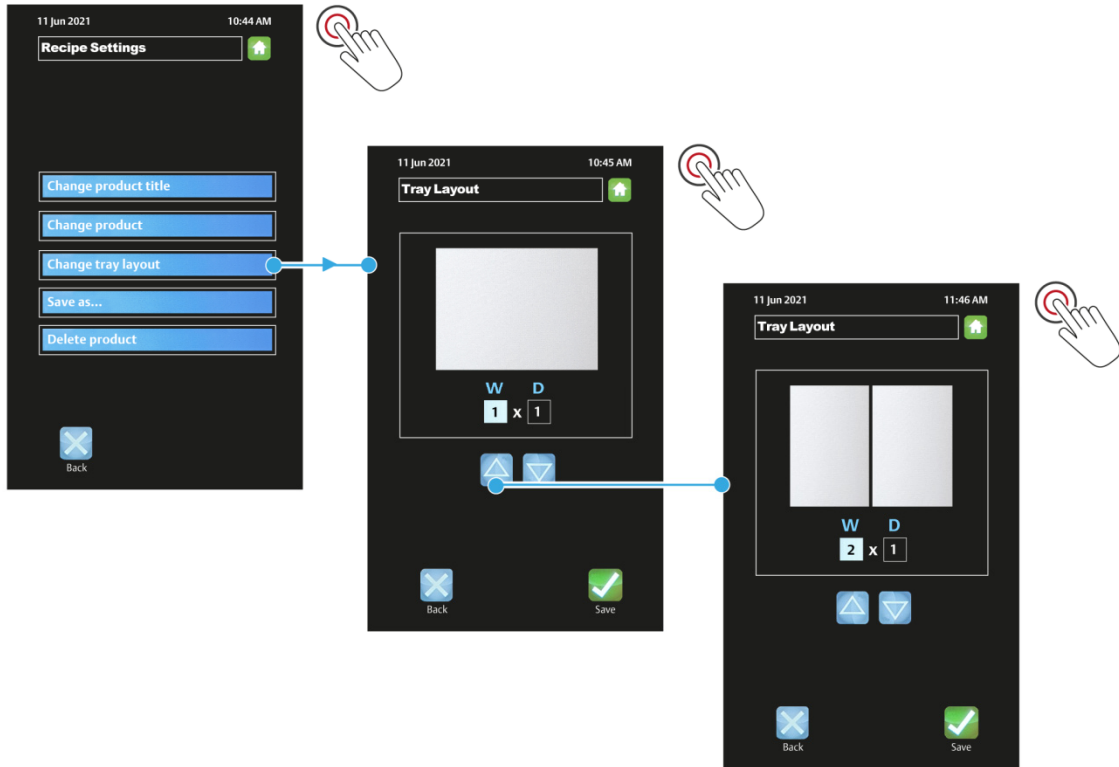
Default passwords for the various access levels are in the Installation and Operating Manual. However, for security reasons, the passwords section may have been removed.

6. Edit a product recipe.

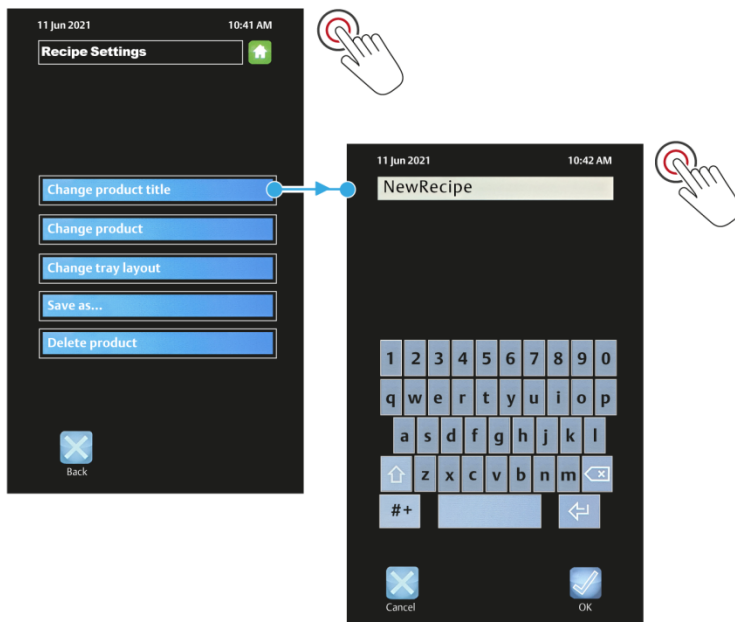
- (a) Choose the **Full-load** or **Half-load** option.
- (b) Select a baking phase number (i.e., **1**).
- (c) Touch an item:  
Temperature, Steam Time, Phase Time, Fan Cycles, Fan Speed, Damper Delay, or Power Level.
- (d) Adjust the setting by typing the amount or, if they appear, using the up and down keys.  
**Note:** The Fan Speed is typically a value in the range of 50% to 100%. Each baking phase can have a different constant speed if required.
- (e) Touch **OK** to confirm the setting value.
- (f) Repeat steps (c) to (e) for each item needed in that baking phase.
- (g) If required, select the next baking phase (i.e. touch **2**) and adjust the items in the same way.
- (h) Touch **Save** to confirm the completed recipe settings.



- 7. Edit a tray layout for the new product recipe.
  - (a) Touch the **Change tray layout** box
  - (b) Touch the **W** (width) box to highlight it.
  - (c) Use the up or down arrow key to change quantity across the tray.
  - (d) Touch the **D** (depth) box to highlight it.
  - (e) Use the up or down arrow key to change quantity down the tray.
  - (f) Touch **Save** to confirm the tray layout.



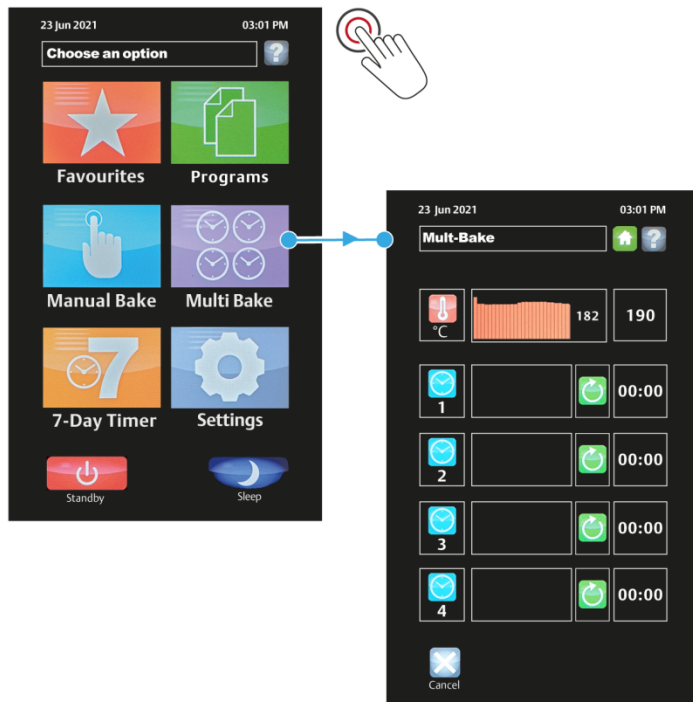
- 8. Add the new product recipe to the list.
  - (a) Touch the **Save as...** box
  - (b) Input a name for the product recipe, and then touch **OK**.



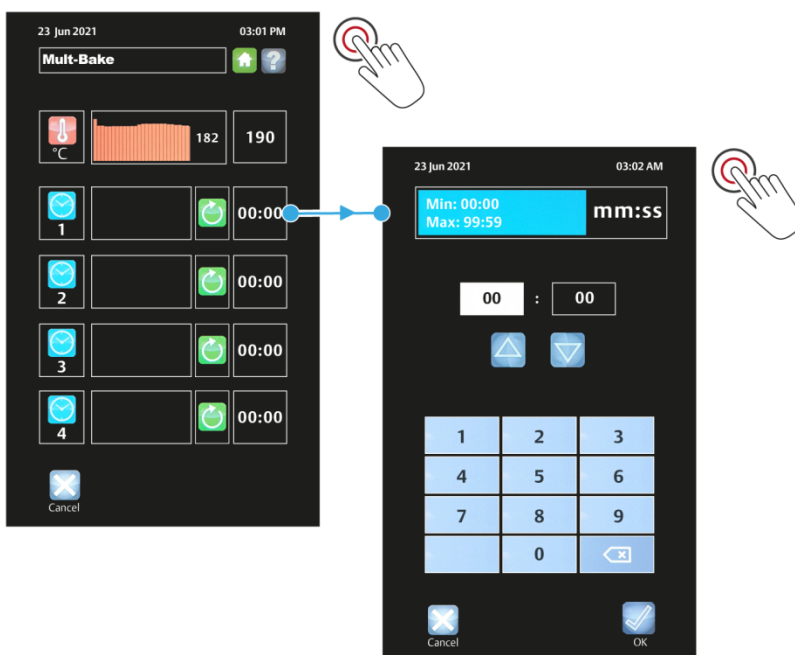
- 9. Touch the **Home** button to finish.

# Multi Bake operation

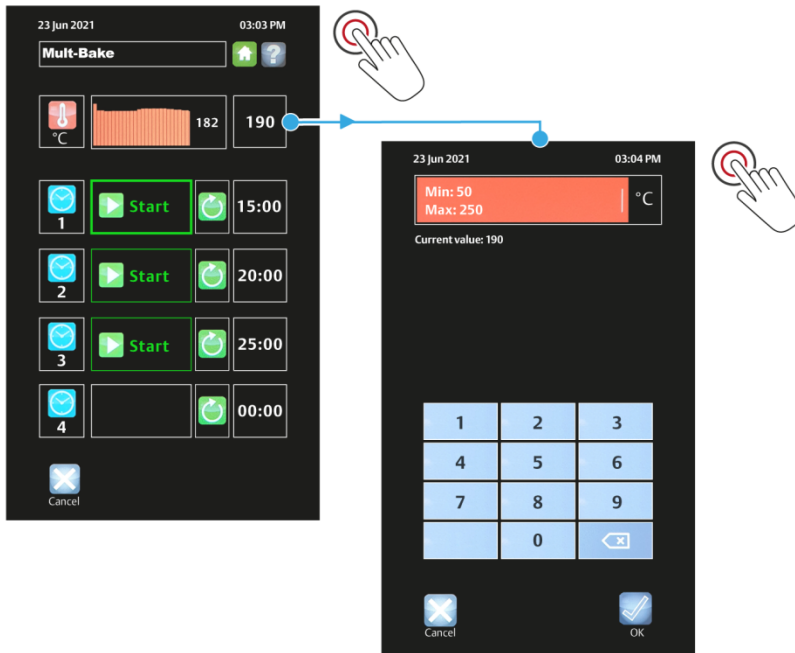
- 1. Touch the **Multi Bake** tile.



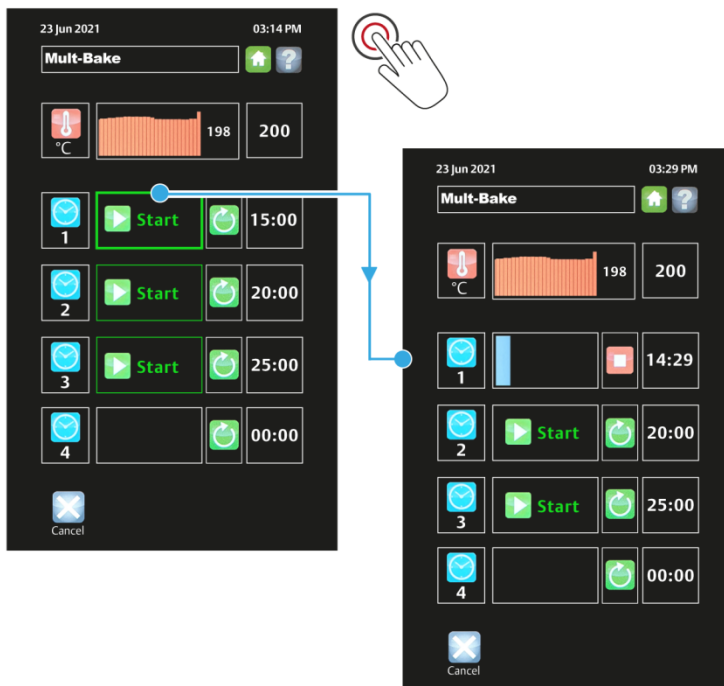
- 2. Set a timer
  - (a) Touch a time-setting box.
  - (b) Adjust the bake time required using up and down keys.
  - (c) Touch the **OK** (✓) button.
  - (d) Repeat steps (a) to (c) to set different bake time sequences, if required.



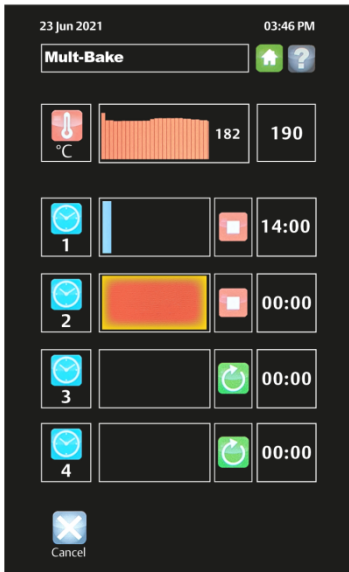
- 3. Set the temperature for the bakes
  - (a) Touch a heat-setting box.
  - (b) Type in temperature required.
  - (c) Touch **OK** to confirm the temperature.



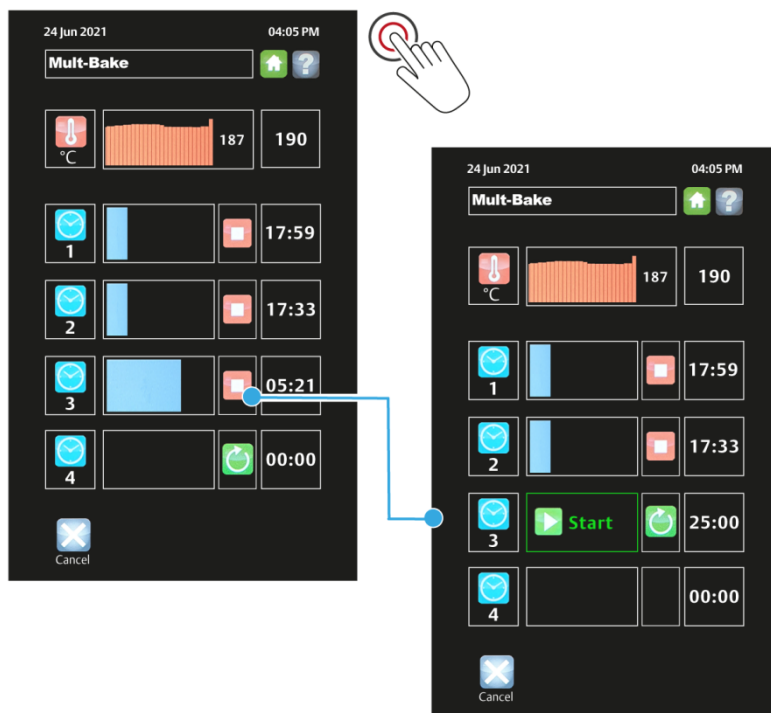
- 4. Start the bake.
  - (a) Load the oven.
  - (b) Touch the **Start** button (next to the bake time required).



- 9. The panel flashes when a bake finishes, and the oven emits a beep-beep alarm.  
Touch the **Stop** button next to the **00:00** time.



- 10. Touch the **Stop** button at any time to end a bake, and the same settings are useable again.



**NOTE**

The settings are reusable until the **Cancel** button is touched. Then, cancelling clears the settings for the next time the Multi-bake function is needed.

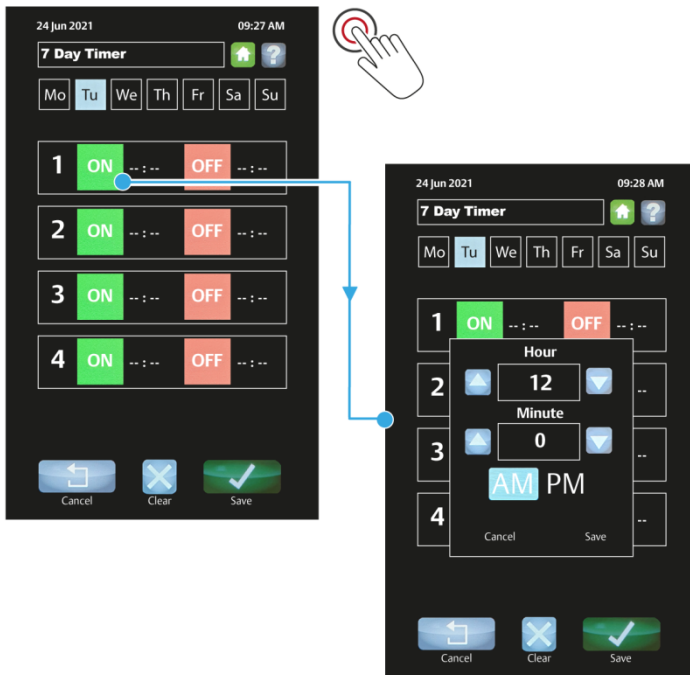
# 7-Day Timer

While the oven is in standby mode, it can heat up at pre-set times every day as required.

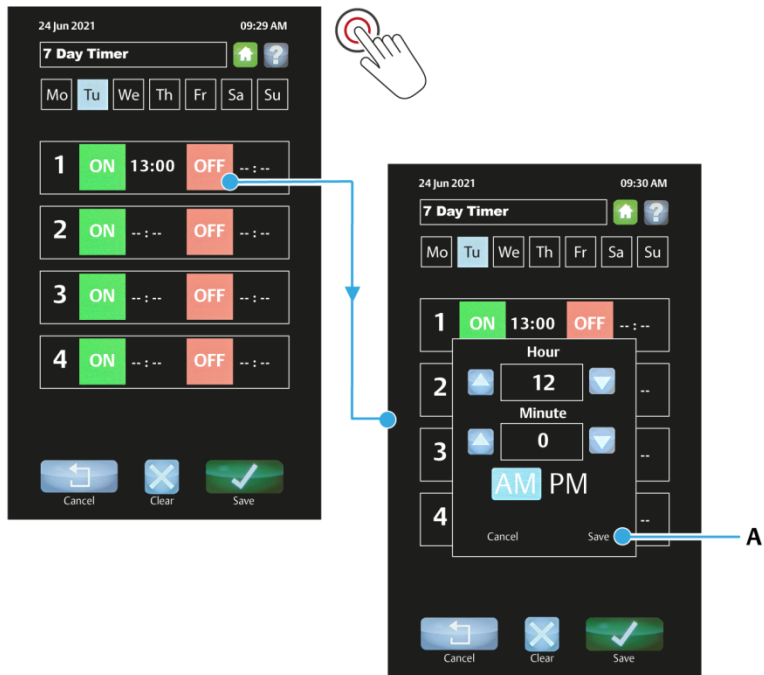
1. Touch the **7 Day Timer** tile.



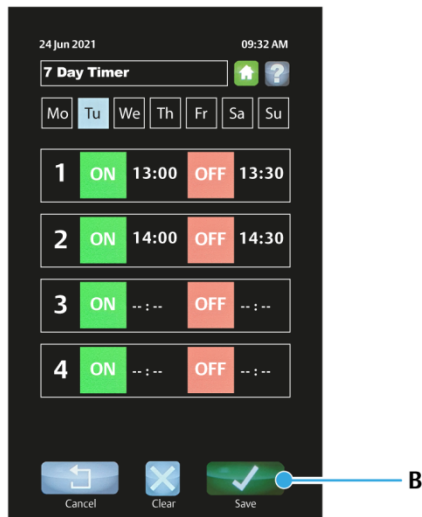
2. Touch the day an oven operation is required.
3. Set the **On-time**.
  - (a) Touch the **On** tile of a time panel.
  - (b) Set the time using the keys in the pop-up box that appears, and then touch **Save (A)**.



- 4. Set the **Off-time**.
  - (a) Touch the **Off** tile of a time panel.
  - (b) Set the time using the keys in the box that appears, and then touch **Save (A)**.



- 5. Touch **Save (B)** to confirm the 7-day timer settings.



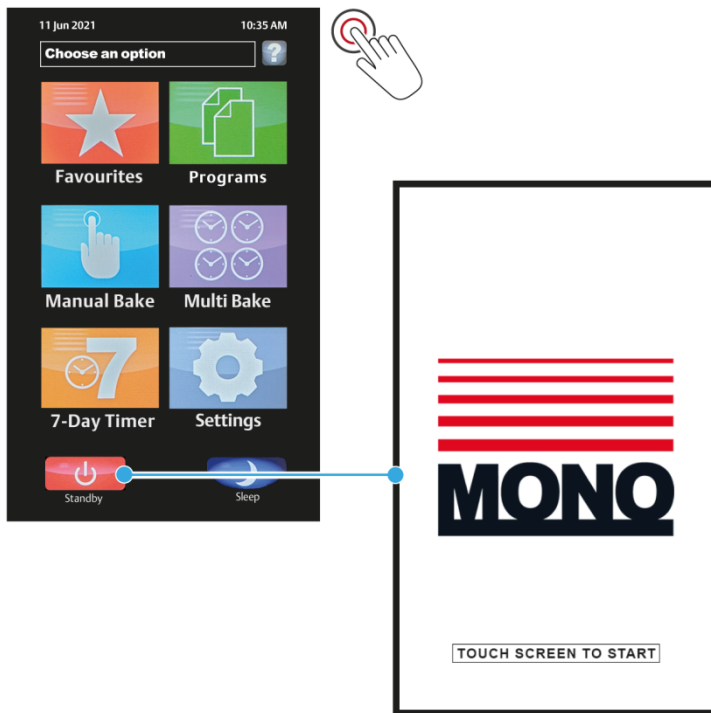
**NOTE**

Remember to leave the oven in **Standby mode** for this 7-day timer function to work.



## Putting the oven into Standby mode

The **Standby** button turns the oven off until the screen is touched again.



## Putting the oven into Sleep mode

If enabled in the oven settings, the **Sleep** button instructs the oven to maintain temperature at a pre-set value.



# Cleaning



## WARNING

- Ensure the oven is switched off at the mains power supply and has entirely cooled before undertaking any cleaning tasks.
- Pay particular attention to ensure excess water is not applied around the area of the electrical panels.



## WARNING

- Do not remove the rear panelling inside the oven. That panel provides access to the fan assembly, which is not safety-interlocked and could cause serious injury.



## CAUTION

- Clean the oven daily using approved chloride-free cleaning fluid.
- Take care that water does not enter the control panel or rear-access panel. Never use a pressure washer or water hose to clean the oven.



## NOTE

- See the Installation and Operation Manual (FG1BX-UK-MAN-0300) for Monthly cleaning instructions.

## Daily cleaning instructions

### General cleaning

1. Sweep any debris out of the oven **after** it has been allowed to cool.
2. Brush down and wipe the oven front and sides with a damp cloth.
3. Spot clean outside with a damp cloth soaked in a solution of mild detergent and hot water.
4. For stubborn stains, use a proprietary stainless-steel cleaner for the outer surfaces of the oven. A specially designed cleaning agent can dissolve any fat or grease deposits.

### Checking and cleaning the door seal

The door seal is a crucial part of your convection oven and is prone to wear. Animal fats, grease and caustic cleaning agents attack and weaken the seal material resulting in an accelerated wear rate. A door seal must be cleaned regularly to help prolong its life and maintain its effectiveness.

1. Clean the seal every day using a mild grease solvent.
2. Once clean, use fresh water to remove any remaining cleaning agent.

## Weekly cleaning instructions

### General cleaning

1. Complete the Daily Cleaning Tasks.
2. Clean any burnt-on debris using a proprietary oven cleaner, carefully following the manufacturer's instructions. Do not allow the oven cleaner to get on the control panel.
3. Use a nylon brush to scrub the cabinet wheels (if fitted) with a solution of mild detergent and hot water.

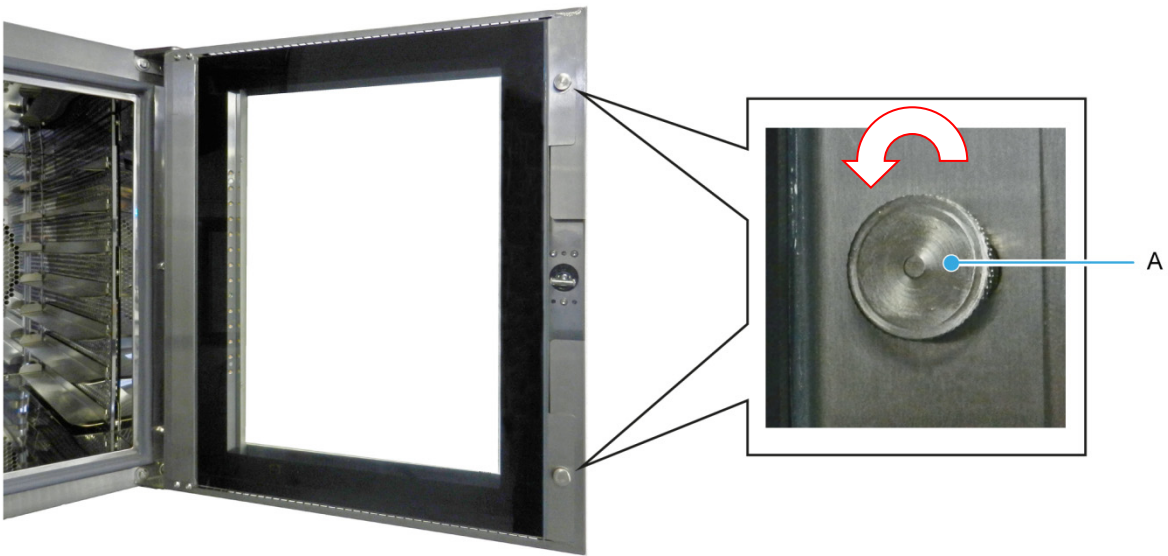
**NOTE:** Using too much water eventually rusts the metalwork.

### Glass-door cleaning

The door consists of two parts:

- An outer fixed glass panel
  - An inner glass panel which can be opened for ease of cleaning.
1. Remove the screws shown in **Figure 5**, which allows the inner glass panel to be opened (**Figure 6**).
  2. Clean the door glass with a soft damp cloth. For more stubborn stains, use a proprietary glass cleaner.
    - Do not use scouring agents or anything abrasive, as they can scratch and damage the glass.
  3. Re-secure the inner glass with the screws when finished cleaning.

**Figure 5:** Location of the two screws for releasing the inner glass



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**A.** Undo the two screws to release the inner glass for cleaning

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**Figure 6:** Inner glass panel moved away from the door



# Maintenance

## General maintenance

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**WARNING**

- This appliance must be maintained at regular intervals. The frequency of maintenance depends upon your specific use and location. The maximum service interval should be 12 months.
  - Service and maintenance should only be undertaken by suitably qualified, trained, and competent engineers.
  - You must immediately report any damage or defect arising with the appliance.
  - Unsafe equipment is dangerous. Do not use the appliance. Isolate the power supply and contact MONO Equipment or your appointed service agent.
- 

- Check for frayed or bare cables.
  - **Do not** use the machine if frayed or bare cables are visible.
- Follow cleaning instructions (see **Cleaning** on page 34).

## Steam system maintenance

- If it is noticed that the steaming operation has deteriorated, perhaps due to hard water scaling, contact your oven supplier.

## Light bulb replacement

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**WARNING**

- Contact your supplier in the event of a light failure.
  - There are no customer-replaceable parts.
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### **Oven Disposal**

Care should be taken when the machine comes to the end of its working life. All parts should be disposed of in the appropriate place, either by recycling or other means of disposal that complies with local regulations.

(In the United Kingdom, the Environmental Protection Act 1990 applies.)

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MONO Equipment is the leading designer and manufacturer of bakery equipment in the United Kingdom. This proud heritage of British craftsmanship, combined with a reputation for creating high-quality, innovative products, can be traced back to its origins in 1947.

All our bakery equipment is manufactured to the most stringent NQA ISO9001:2015 & NQA ISO14001:2015 standards and is crafted using the very latest, cutting-edge technology combined with the time-honoured skills of the master craftsman.

MONO Equipment truly excels in providing tailor-made solutions to a diverse range of clients, from the small independent artisan baker to the large retail chains found on every high street and in every out-of-town shopping centre. We can supply everything from a simple Food-2-Go cafe oven to the entire list of bakery equipment needed to set up a full scratch bakery.



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