

# MONO Eco Connect+ Wash Convection Oven

EN

## **Installation and Operation Manual**







Oven	Serial	Number	
Oven	Code	174	175

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

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



## **DECLARATION OF CONFORMITY**

We hereby declare that this machine complies with the essential health and safety requirements of :-

- The Machinery Directive 2006 / 42 / EC
- The Low voltage Directive 2006 / 95 / EC
- The requirements of the Electromagnetic Compatibility Directive 2004 / 108EC, 91 / 263 / EEC, 92 / 31 / EEC
- The General Safety of Machinery and food processing Standards applicable
- Materials and Articles intended to come into contact with food -Regulation (EC) No. 1935 / 2004
- Good manufacturing practice for Materials intended to come into contact with food Regulation (EC) No. 2023 / 2006

Signed			
	D. Osmundsen – (	Quality and Con	formance Manager
Date			
Machine FG Code.		Machine Serial No.	

A technical construction file for this machine is retained at the following address:

#### **MONO EQUIPMENT**

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

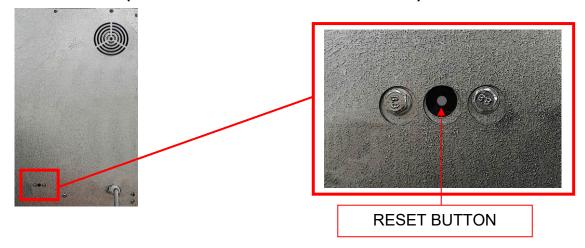
**MONO EQUIPMENT** is a business name of **AFE GROUP Ltd**Registered in England No.3872673 VAT registration No.923428136

Registered office: Unit 35, Bryggen Road, North Lynn Industrial Estate, Kings Lynn Norfolk, PE30 2HZ

## **ATTENTION**

**IF OVEN FAILS TO HEAT UP, WHEN FIRST CONNECTED TO A POWER SUPPLY OR DURING USE AT ANYTIME.** 

## PRESS RESET BUTTON LOCATED THROUGH THE REAR BACK PANEL. (DO NOT REMOVE BACK PANEL)



## **SAFETY SYMBOLS**

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



**WARNING** 

Indicates a hazardous situation which, if not avoided.

will result in death or serious injury.



**WARNING** 

Indicates a hazardous situation which, if not avoided, will result in electric shock.



**CAUTION** 

Indicates a hazardous situation which, if not avoided, will result in minor or moderate injury.

## ELECTRICAL SAFETY AND ADVICE REGARDING SUPPLEMENTARY ELECTRICAL PROTECTION:

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

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

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

#### We Recommend:

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

#### Your attention is drawn to:

#### BS 7671:2018 – Guidance Note 8 – 8.13: Other locations of increased 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 there are washing and drying machines in close proximity, 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 includes:

- Automatic Disconnection of Supply (ADS) by means of 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 so as to comply with Regulations 419.2 and 544.2.



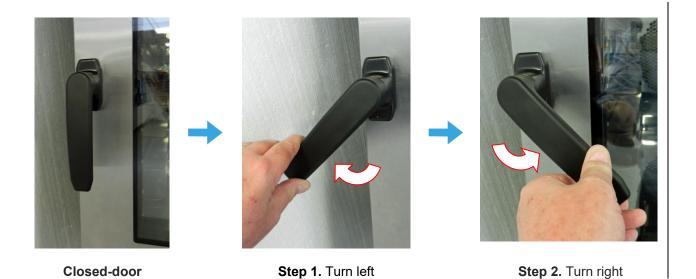
The supply to this machine must be protected by a 30mA Type A RCD

## **OPENING THE DOUBLE-CATCH DOOR**

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

#### Note

- These instructions apply to both left-hand and right-hand ovens.
- The door will not open unless power is connected to the oven. If the door does not open at first, push fully shut and it will then open.
- The door is locked shut and it is not possible to open it during the wash cycle.
- To close the door, firmly push it fully shut.

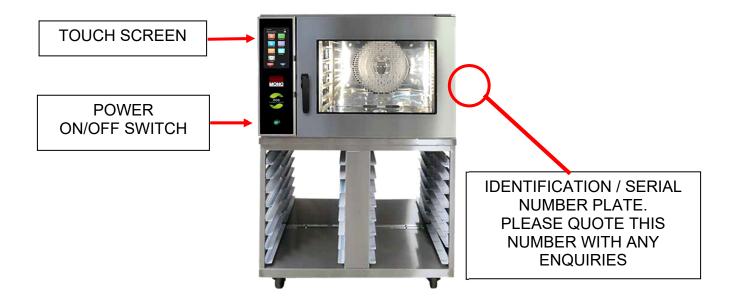


## CONTENTS —

Chapter 1.	Introduction		7
Chapter 2.	Specification	ns	8
Chapter 3.	Safety		9
Chapter 4.	Installation		10
Chapter 5.	Isolation		13
Chapter 6.	Cleaning Ins		14
Chapter 7.	Ideal Operat	ing Conditions	15
Chapter 8.	Operation	Loading the oven Unloading the oven	16 17
Chapter 9.	Touch scree	n operations	18
	9-2. Bake usin 9-3. Bake usin	program	19 20 23 26 29 31 34 40 41
Chapter 10.	Maintenance	•	42
Chapter 11.	Steam Syste	em Maintenance	42
Chapter 12.	Light Bulb R	eplacement	42
Chapter 13.	Service and	43	
Chapter 14.	Electrical Inf	formation	44
PASSWORDS			

### 1. INTRODUCTION

- A combination of clean industrial design and the latest technology, the MONO BX wash oven is designed specifically to take the baking Industry's standard 40cm x 60cm trays with the option of a quick and easy "Tray Loading Cassette system" which loads up to 14 trays in seconds.
- The ovens are constructed using **stainless steel** which makes them easy to clean.
- The variable fan, element and steam system give **efficient air circulation** to produce a professional bake across a range of products and work together to produce excellent conditions for the wash cycle.
- The door is **double glazed** to increase the efficiency of the ovens well-insulated baking chamber and contains LED lights to illuminate the interior.
- To prevent contact with any cleaning fluids or water during the cleaning cycle, the **main door locks** until all cleaning cycles are finished.
- Ovens are supplied with **LCD TOUCH** displays for the user-friendly control panels.
- So long as the Mono "Power Max Plus" cleaning cartridge is used, the ovens can be connected to a normal domestic drain system without any problems with the environment.
- Full control and monitoring via an app for smartphones or handhelds is available.
- The self-clean System provides 4 set programmes for hot flush, gentle, standard and power wash cycles or a custom wash facility to suit specific needs.
- The management programme provides diagnostics, fault-logging and even electrical power usage and costing



## 2. SPECIFICATIONS

	10 tray	4 tray	stacked
HEIGHT	1240	640	2000
HEIGHT OF OVEN ON BASE	1360		
WIDTH	1000	1000	
DEPTH – DOOR CLOSED	860	860	
DEPTH – DOOR OPEN	1620	1620	

TRAY SIZE 600mm x 400mm

#### POWER (uk versions)

4/5 TRAY OVENS - 415 volts. 3 PHASE, + NEUTRAL + EARTH, 50HZ 11amps per phase, total power 7.5kW (element = 7kW 240v stainless steel)

10 TRAY OVENS - 415 volts. 3 PHASE, + NEUTRAL + EARTH, 50HZ 21amps per phase, total power 15kW (element = 7kW 240v stainless steel x2)

#### **POWER (export versions)**

4/5 TRAY OVENS - 400 volts. 3 PHASE, + NEUTRAL + EARTH, 50HZ 12amps per phase, total power 7.5kW (element = 7kW 220v stainless steel)



The supply to this machine must be protected by a 30mA Type A RCD

#### **WATER**

3/4" B.S.P. Flexible hose.

WATER PRESSURE 2 bar – 4 bar Domestic pressure is usually within this parameter.

Water conditioning unit advised, especially in hard water areas.

#### **DRAINAGE**

The oven must be connected to a drain via a standpipe or be connected to a drainage pipe that does not allow water flow-back into the machine.

## 3. SAFETY

In the interest of safety and efficient operation of the oven, it is essential that this manual should be made available to the operator before work is commenced. The following points should be observed and followed at all times.

- 1. The oven is designed for baking of bread, confectionery and savoury products only. DO NOT use it for any other items without first consulting with MONO.
- 2. Failure to adhere to the operation, cleaning and maintenance instructions detailed in this manual could affect the warranty of this oven.



- 3. All repairs and maintenance of electrical units must be carried out by authorised electricians; even then, electrical access panels must not be opened unless the main electrical supply to the oven is isolated
- 4. All connections to the oven must be made in accordance with the statuary requirements of the country of installation.



- 5. While the oven is in operation (and for some time after use), it is inadvisable to touch the oven window or the surrounds because of conducted heat from inside.
- 6. The oven must be operated as described in this manual.
- 7. Only **MONO** spare parts should be used on this oven.
- 8. The construction of the oven must not be changed.
- 9. The owner of the oven is legally obliged to instruct staff of these safety points and of the safe operation of the oven. **These instructions should not be removed from the working area.**
- To prevent door glass damage DO NOT CLEAN OVEN GLASS WHEN HOT.
- 11. Customers operating a BX oven must ensure that water quality is good or an efficient water-softening device protects the water supply to the equipment.



- 12. Oven gloves should be worn when moving products in or out of the oven.
- Care should be taken when handling cleaning cartridges.
   Do not break open or use damaged cleaning cartridges.
   Store cleaning cartridges in original packaging.
- 14. If the oven is not going to be used for an extended period, switch off the electrical and water supplies.



DO NOT COVER THE DAMPER FLUE ON TOP OF THE OVEN

## 4. INSTALLATION

#### **POWER (uk versions)**

4/5 TRAY OVENS - 415 volts. 3 PHASE, + NEUTRAL + EARTH, 50HZ 11amps per phase, total power 7.5kW (element = 7kW 240v stainless steel)

10 TRAY OVENS - 415 volts. 3 PHASE, + NEUTRAL + EARTH, 50HZ 21amps per phase, total power 15kW (element = 7kW 240v stainless steel x2)

#### **POWER (export versions)**

4/5 TRAY OVENS - 400 volts. 3 PHASE, + NEUTRAL + EARTH, 50HZ 12amps per phase, total power 7.5kW (element = 7kW 220v stainless steel)



The supply to this machine must be protected by a 30mA Type A RCD

#### WATER

3/4" B.S.P. Flexible hose.

WATER PRESSURE 2 bar – 4 bar Domestic pressure is usually within this parameter.

Water conditioning unit advised, especially in hard water areas.

#### **DRAINAGE**

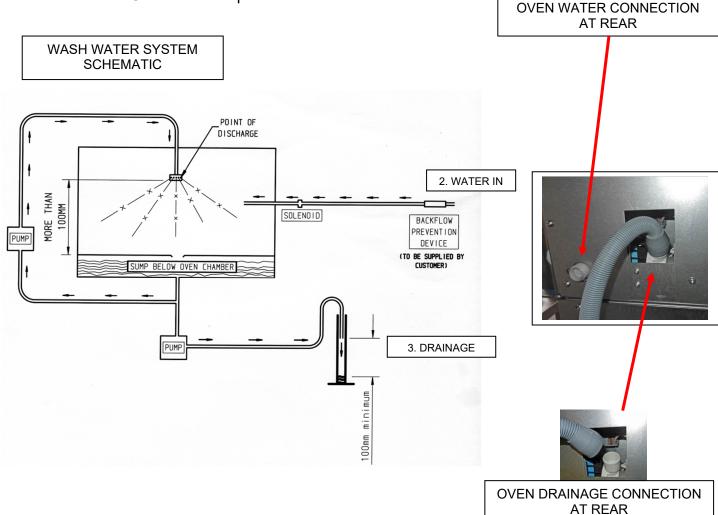
The oven must be connected to a drain via a standpipe or be connected to a drainage pipe that does not allow water flow-back into the machine.

- 1. It is the customers' sole responsibility to arrange adequate ventilation and it should be sufficient to ensure water does not condense on or around the oven. A 50mm gap is recommended at the sides and rear of this oven and 250mm above.
- 2. Chimneys and evacuation ducts fitted above mono ovens should be insulated to stop condensate flowing back into the oven.
- 3. <u>Water connection</u> should be to a suitable clean water supply, making sure that the pipes are flushed out to remove all foreign bodies i.e. flux or solder.

Customers in hard water areas must ensure that an efficient water treatment device protects the supply to the oven. It is the customers' responsibility to install and maintain an adequate water supply to the oven, which should comply with local water regulations.

In the UK a backflow prevention device must be fitted.





- 4. **Drainage** must be available. Push the end of the drain hose on to the outlet tube and ensure it is on as far as it will go. This must be connected to a drain via a standpipe or be connected to a drainage pipe that does not allow a flow-back into the machine.
- 5. In the interests of hygiene, we strongly recommend that before using the oven for the first time the inside of the oven and all accessories are thoroughly cleaned with a cloth soaked in warm soapy water. Although the utmost care is taken during assembly and pre-delivery inspection, there is always a possibility of contaminating the first bake if this is not done.

6. Ensure that the locking castors on the base are locked into position.

#### 7. AMBIENT WORKING TEMPERATURES.

Ambient working temperatures for electric/electronic components such as solenoid switches, circuit breakers, motors etc. should be <u>no more than 40°C (115° F)</u>

Manufacturers of these and other electrical components advise that any ambient temperature above 40 °C affects the functionality of the components and any related guarantees become void.

For example, above this temperature motors are not satisfactorily cooled, contactor efficiency is seriously impaired and electronic components shut down. It is the customers' sole responsibility to arrange for adequate ventilation.

Any component malfunctioning during the guarantee period that is found to have been subject to excessive humidity or ambient working temperature above 40 °C (115 °F) will not be covered by the component manufacturers guarantee or the MONO product warranty.

#### NOTE

- Room should be allowed for the door to open fully to allow easy loading and unloading of product 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.

#### **BEFORE USE**

In the interests of hygiene, we strongly recommend that before using the oven for the first time you wipe the inside of the oven and all accessories thoroughly with a clean cloth soaked in warm soapy water. Although the utmost care is taken during assembly and predelivery inspection, there is always a possibility of residue contaminating the first bake if this is not done.

## **OPENING DOOR**

The door will not open unless power is connected to the oven. If the door does not open at first, push fully shut and it will then open.

Note

The door is locked shut and it is not possible to open it during the wash cycle.

## 5. ISOLATION -

### **ELECTRICITY SUPPLY**

**To stop the oven in an emergency.**Switch off electricity supply at the wall isolator.

### **WATER SUPPLY**

The water supply should be shut off at the nearest shut-off point.

## 6. CLEANING INSTRUCTIONS



NOTE: BEFORE CLEANING, ISOLATE OVEN FROM MAINS SUPPLY AND ALLOW TO COOL.

#### **DAILY**

- Sweep any debris (after it has been allowed to cool) onto removable oven trays and remove for cleaning.
- Brush down and wipe oven front, back and sides.
- Wipe clean with a damp cloth that has been soaked in a solution of mild detergent and hot water. Do not wash the control screen but wipe with a damp cloth only.
- Run the clean cycle if required. (Be aware that this takes some time to complete). SEE PAGE 27

#### **IMPORTANT:**

TAKE CARE CLEANING WATER DOES NOT ENTER CONTROL PANEL OR REAR ACCESS PANEL.

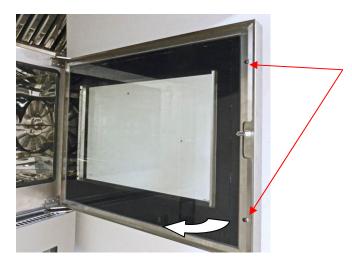
#### **DOOR GLASS CLEANING**

The inner door glass is hinged to enable cleaning of internal surfaces.

To open, remove the two screws shown in the picture below.

The internal surfaces of the door glass can then be wiped clean or if needed use a suitable glass cleaner.

Ensure that the screws are replaced securely.



Remove these screws to release inner glass for cleaning

## 7. IDEAL OPERATING CONDITIONS

- Room should be allowed for the door to open and for the operation of the cassette loader if being used. There should be enough room to allow for easy loading and unloading of products so that people cannot come in contact with hot surfaces.
- Racks should be available to allow trays of cooked products to cool safely.
- Oven gloves should be available and used at all times.
- It is the customers' sole responsibility to arrange adequate ventilation and it should be sufficient to ensure water does not condense on or around the oven. A 50mm gap is required at the sides and rear of this oven and 250mm above.
- Chimneys and evacuation ducts fitted above mono ovens should be insulated to stop condensate flowing back into the oven.

#### AMBIENT WORKING TEMPERATURES.

Ambient working temperatures for electric/electronic components such as solenoid switches, circuit breakers, motors etc should be <u>no more than 40 °C (115 °F)</u>

Manufacturers of these and other electrical components advise that any ambient temperature above 40 °C affects the functionality of the components and any related guarantees become void.

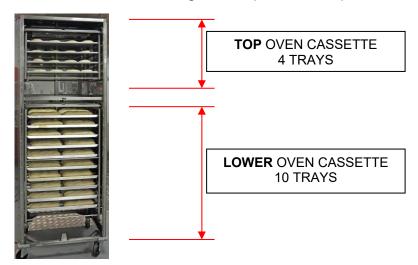
For example, above this temperature motors are not satisfactorily cooled, contactor efficiency is seriously impaired and electronic components shut down. It is the customers' sole responsibility to arrange for adequate ventilation.

Any component malfunctioning during the guarantee period that is found to have been subject to excessive humidity or ambient working temperature above 40°C (115°F) will not be covered by the component manufacturers guarantee or MONO's product warranty.

## 8. OPERATION

## **LOADING THE OVEN IF CASSETTE SYSTEM IS FITTED**

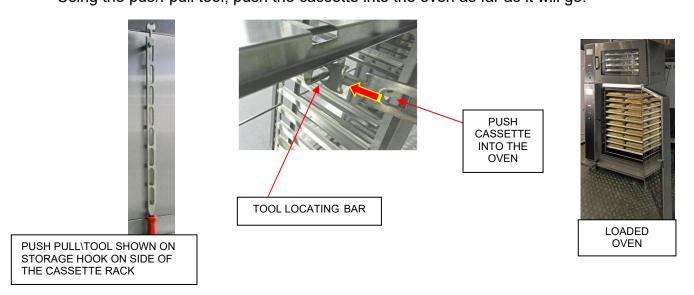
Slide full trays onto runners in the cassette holding rack at positions required.



When the oven is up to temperature and ready to bake, open the door(s) and push loaded rack up to oven using the central locator on the bottom front edge to give the correct positioning.



Using the push-pull tool, push the cassette into the oven as far as it will go.

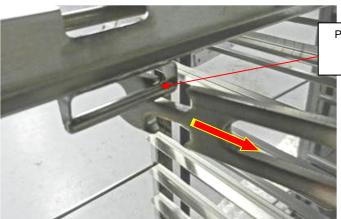


To stop heat escaping, pull the rack away from the oven and close the oven door as soon as possible.

## **UNLOADING THE OVEN**

When the bake is over, stop the oven and open the door required, the rack can now be placed back into position.

Hold the rack in place and using the push-pull tool provided hooked onto the bar on the cassette; unload the oven by pulling the cassette out of the oven and back into the rack. Remember the trays and rack will be hot.



PULL THE CASSETTE OUT OF THE OVEN WITH THE TOOL SUPPLIED, HOOKED ONTO THE BAR ON THE CASSETTE

Move the rack away from the oven and close the door to stop heat loss.

Using oven gloves transfer the hot trays to a cooling rack.

The cassette is then ready to be loaded with more products.

## 9. TOUCHSCREEN OPERATIONS

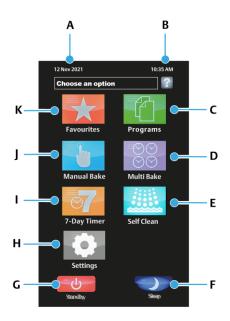
Operations are performed by touching an area of the screen, bringing up the next information panel or activating a function.



**CAUTION** 

Do not use excessive force to operate the touchscreen panel.

Figure 1: Main screen



Callout	Function	Purpose of the function
Α	Date	It shows the current date.
В	Time	It shows the current time.
С	Programs	Access to saved baking recipe programs. Creation of programs.
D	Multi Bake	Creation of up to four simultaneous bakes with different timings.
Е	Self Clean	Wash programs – see page 31
F	Sleep	Sleep mode.
G	Standby	Standby mode.
Н	Settings	Access to oven settings.
I	7-Day Timer	Create an oven on/off schedule for every day of the week.
J	Manual Bake	Baking using manual controls.
K	Favourites	Easy selection of most frequently used baking recipe programs.

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

## **BASIC OPERATION**

#### ALL OPERATIONS ARE ACTIVATED BY TOUCHING AREAS ON THE SCREEN.

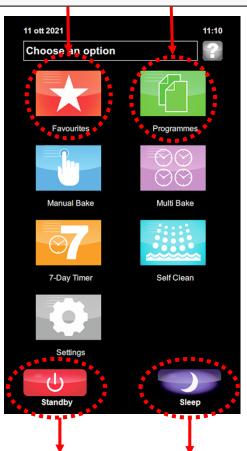
DO NOT USE EXCESSIVE FORCE.

(THE PRESSURE REQUIRED TO OPERATE THE PANEL CAN BE ALTERED IN THE SETTINGS SECTION)

**To open the door** touch the lock icon on the screen and allow the door to unlock then pull the door open. **To close the door**, just push shut and the door lock will take over and lock the door.

Do not restrict the unlocking by holding the door as this will cause the door lock to malfunction. If this happens and the lock icon has turned gold, press it between one and three times until the problem is cleared.

## TOUCH THE SCREEN ON THE AREA YOU REQUIRE TO ACTIVATE



#### <u>STANDBY</u> THE OVEN TURNS OFF.

TOUCH THE SCREEN TO GO BACK TO THE OPTION SCREEN ABOVE.



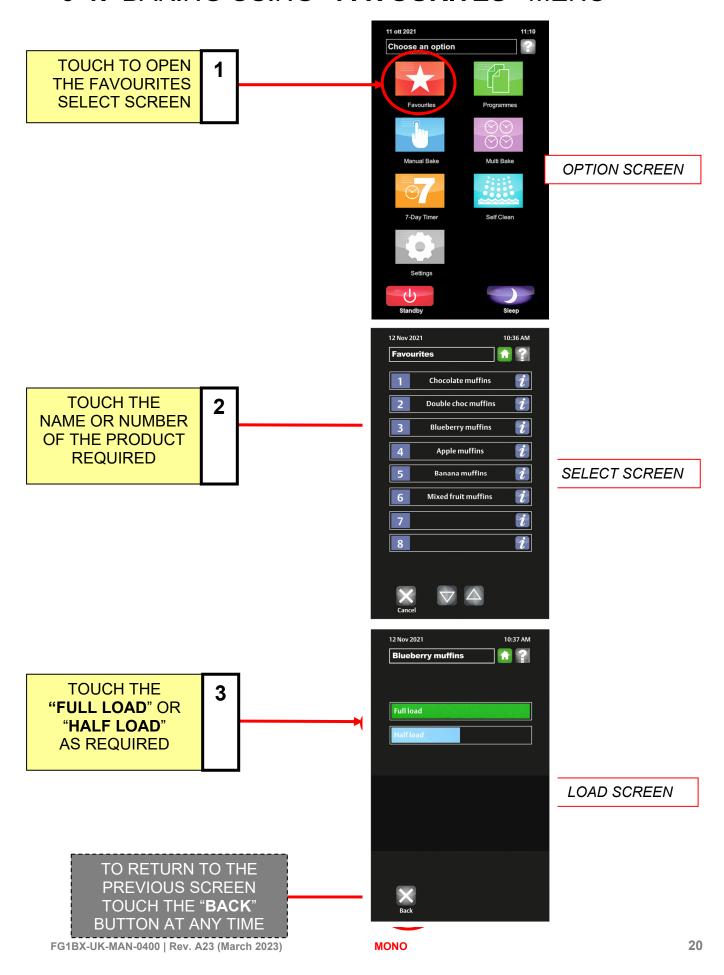


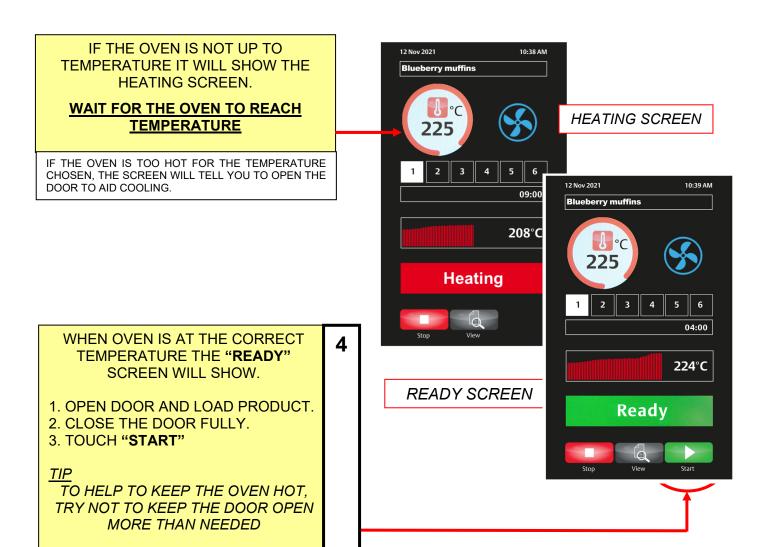
#### SLEEP

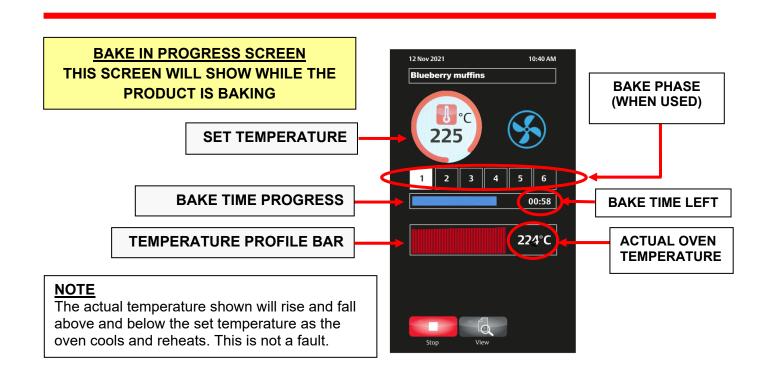
THE OVEN STAYS AT 100°C AND HEATS TO LAST PROGRAM TEMPERATURE WHEN THE SCREEN IS TOUCHED.

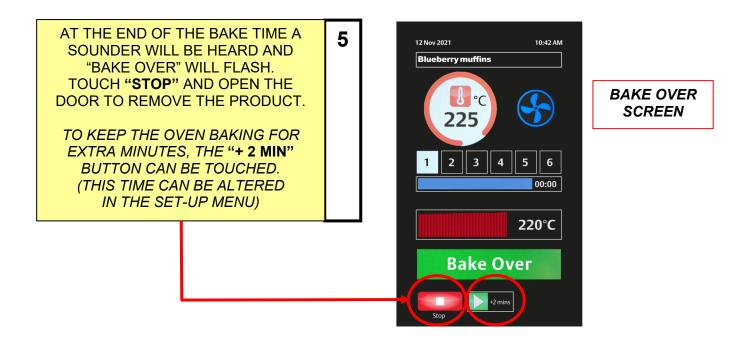
OPTION SCREEN ABOVE THEN SHOWS.

## 9-1. BAKING USING "FAVOURITES" MENU

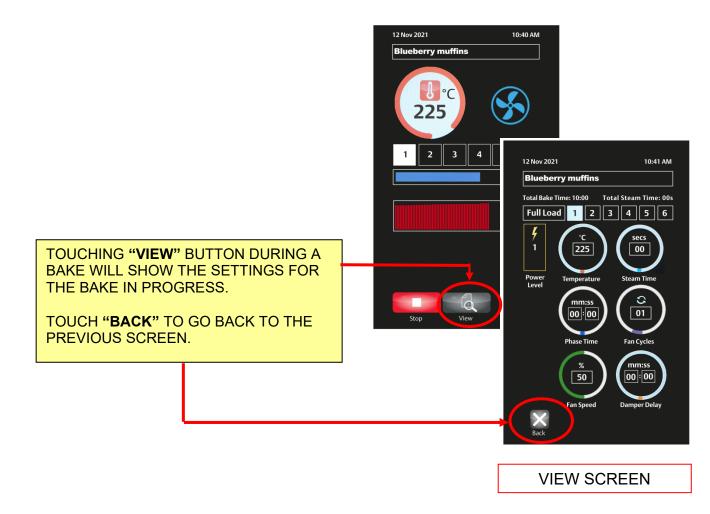




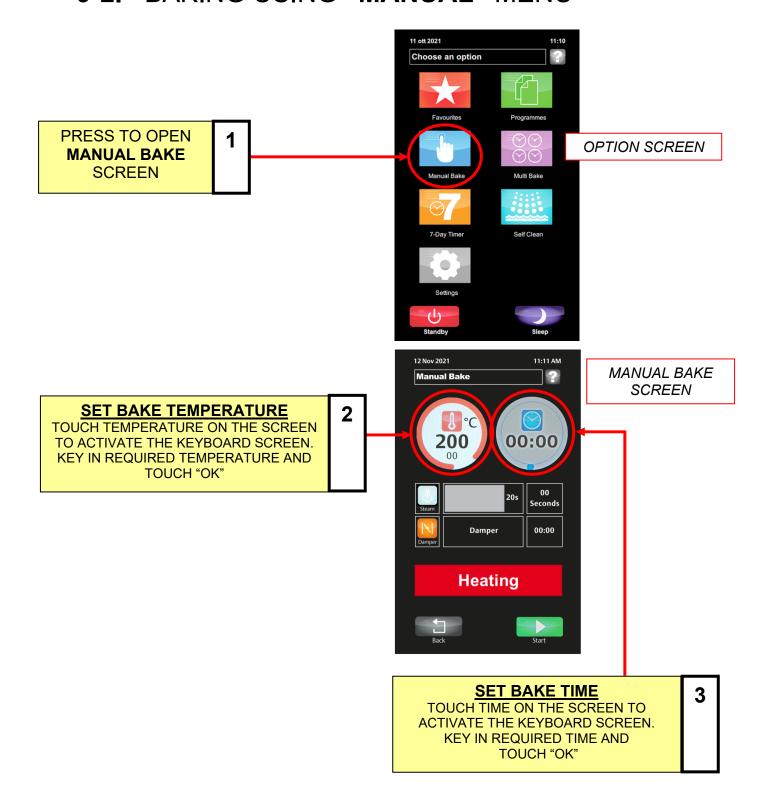




#### **TOUCHING "VIEW" BUTTON DURING A BAKE**

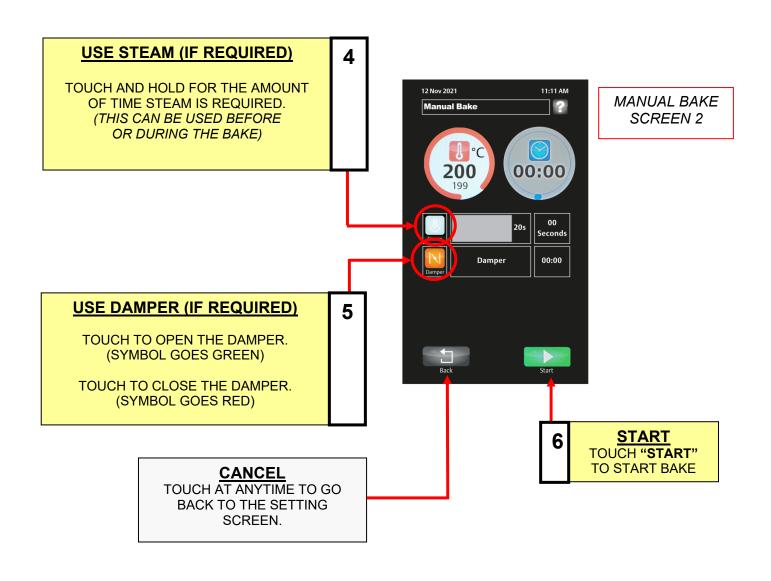


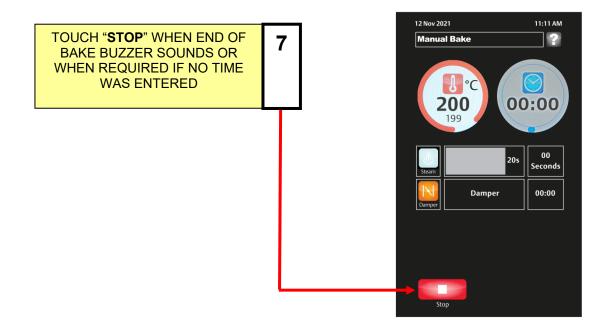
## 9-2. BAKING USING "MANUAL" MENU



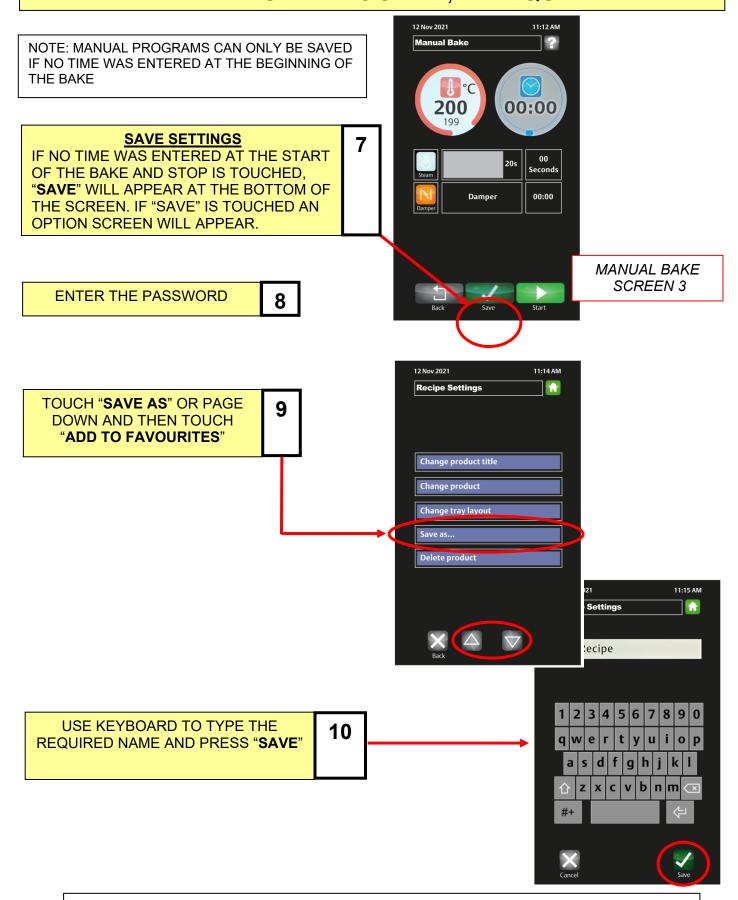
#### NOTE:

TIME DOES NOT HAVE TO BE SET IN MANUAL MODE. (ONLY TEMPERATURE). WHEN START IS TOUCHED WITH NO TIME SET, THE TIME WILL COUNT UP INSTEAD OF DOWN. TOUCH STOP TO FINISH THE BAKE.



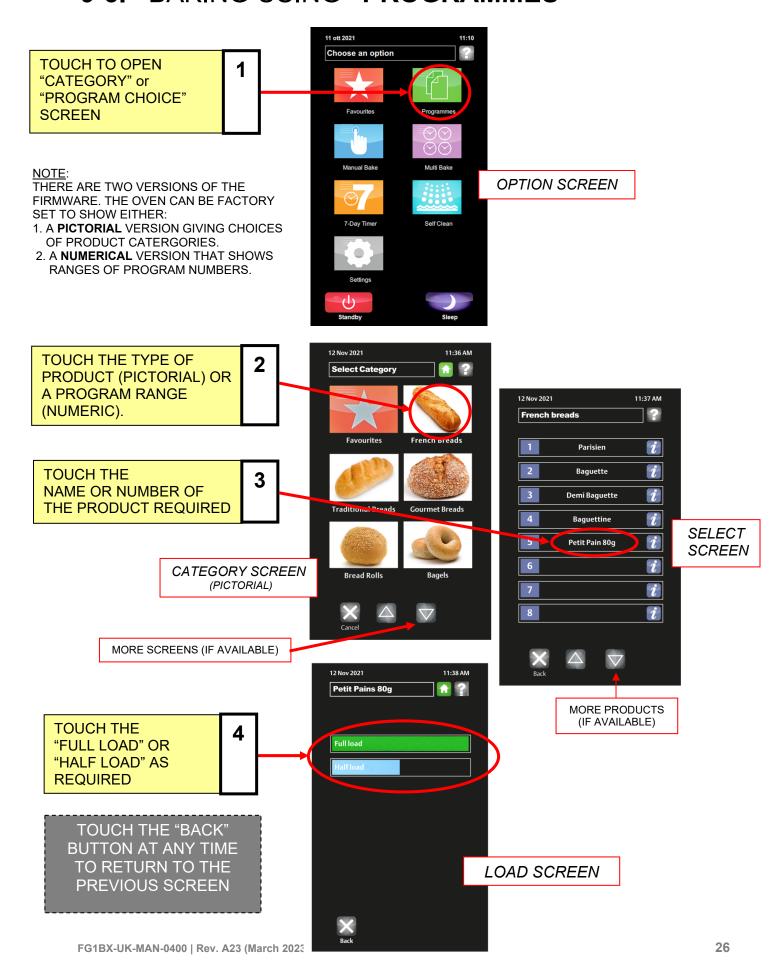


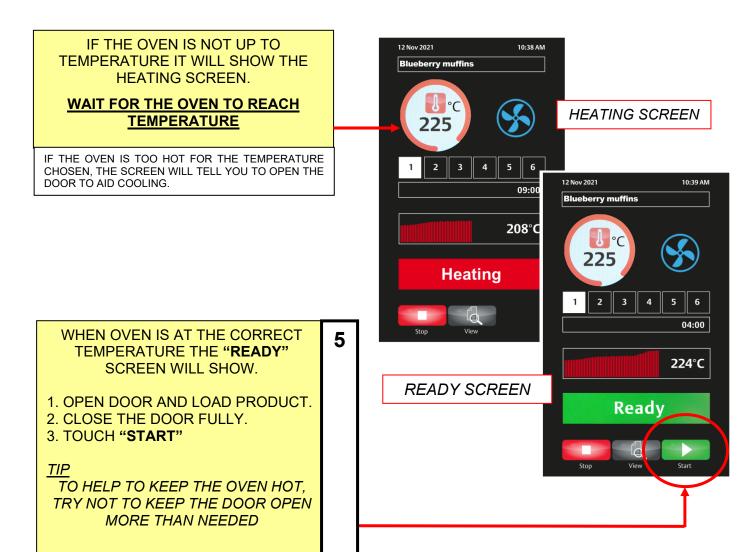
## SAVE "MANUAL" PROGRAM, IF REQUIRED

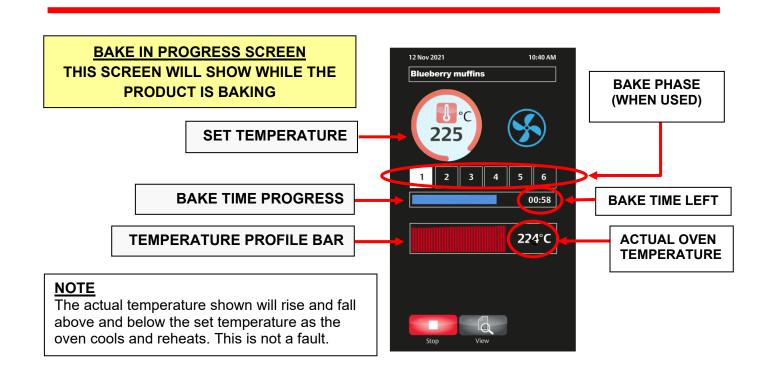


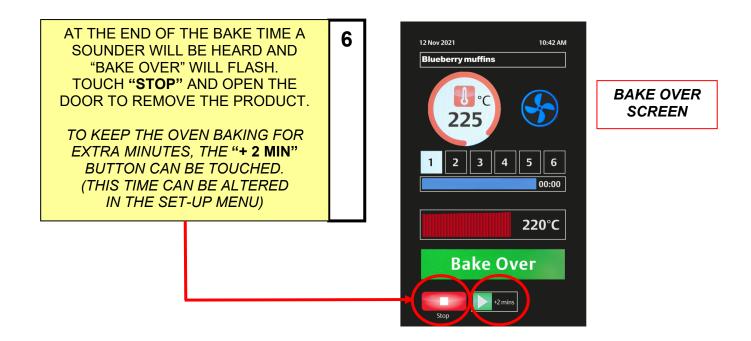
NOTE: In manual mode, only one operation of the steam or damper is saved.

## 9-3. BAKING USING "PROGRAMMES"

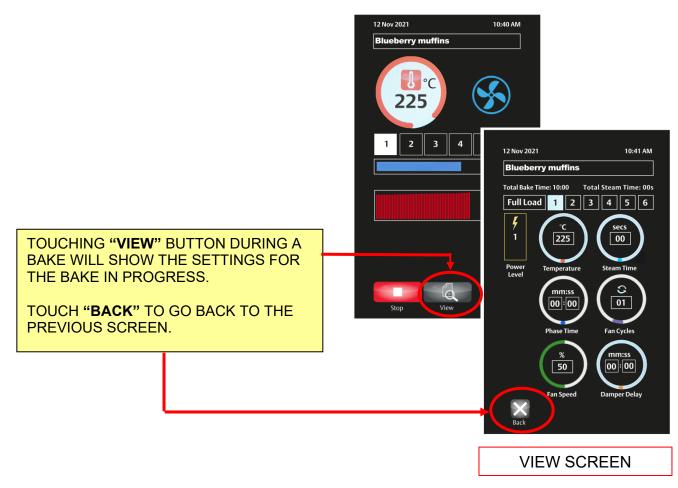






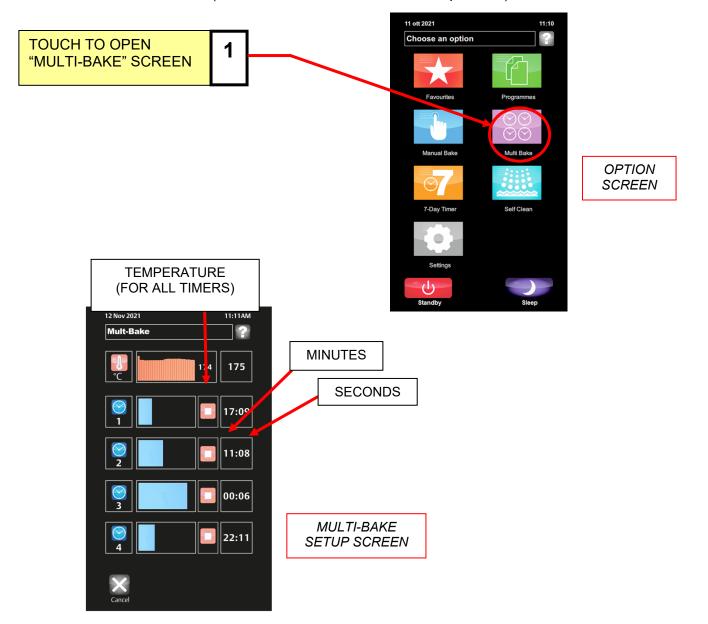


#### TOUCHING "VIEW" BUTTON DURING BAKE



## 9-4. BAKING USING "MULTI-BAKE" MENU

Multi-bake allows the setting of up to four bake timers so that up to four different products can be baked in the same load. (Products must all use the same temperature).



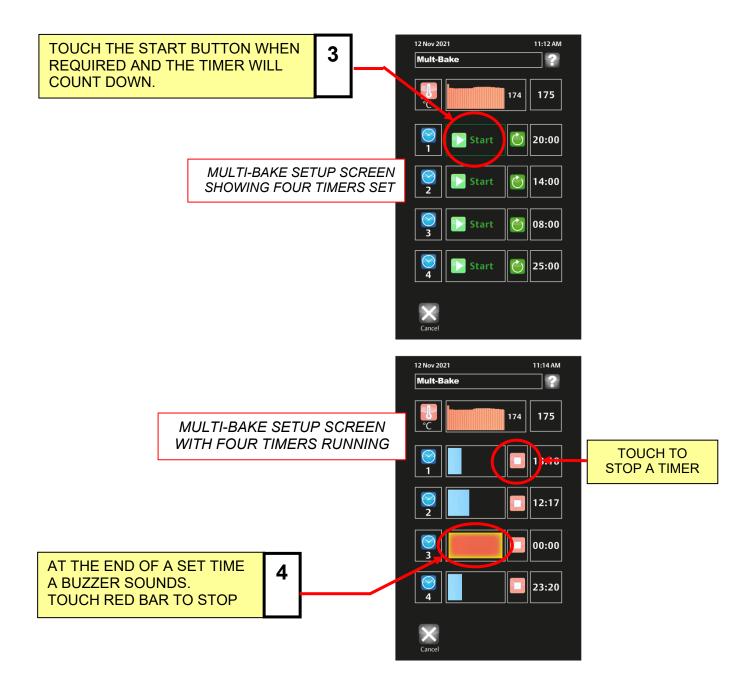
Touch temperature and set by using up and down keys (or press the number pad symbol and a keypad appears). Enter the value required and touch OK.

Set each timer as required. (You do not have to set all four).

Touch minutes and set by using the keypad. Enter the value required and touch OK.

Touch seconds and set by using the keypad. Enter the value required and touch OK.

2



## 9-5. USING THE WASH CYCLE

## THE WASH OPERATION Do insert anything aluminium when using the wash cycle. The cleaners will damage the item and possibly clog up the wash system POINT OF DISCHARGE WATER IN SOLENOID BACKFLOW PREVENTION DEVICE PUMP (TO BE SUPPLIED BY CUSTOMER) SUMP BELOW OVEN CHAMBER SOLENOID WATER TO DRAIN PUMP minimum 100mm

- 1. When the wash cycle is required, the oven cools to the wash cycle temperature (80 degrees) as part of the chosen program Opening the door for some time before a wash program is selected will speed up the wash time. (The actual wash cycle will not start until this temperature is reached).
- 2. A "Power Max Plus" cleaning cartridge is screwed into the locator on the rack cassette.



#### "Power Max Plus"

To order a box of 10 cleaning cartridges, simply contact our Spares Department and quote the following code: **A900-30-030** 

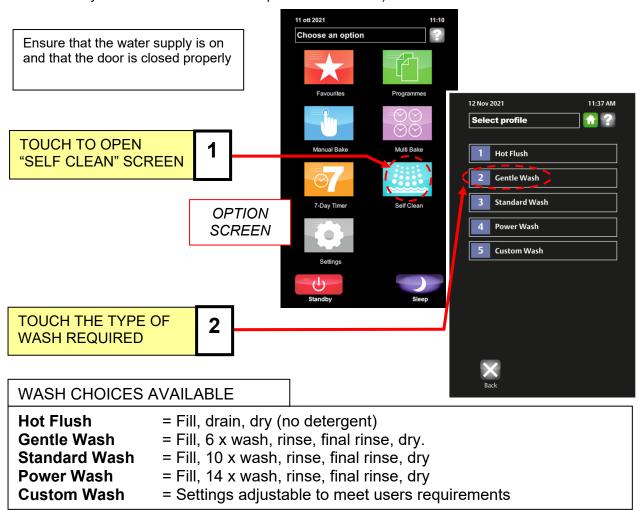
- **3.** Water enters the chamber and gets heated by the element and slow-moving fan up to the required temperature.
- **4.** The cleaning solution now in the sump is pumped up through the spray nozzle and is spread around the chamber by the action of the fan. The oven is then left to soak.
- **5.** The scrubbing program then starts which is where the cleaning fluid is recycled through the spray nozzle and the fan pulses giving a cleaning action. This can be set at light, medium or heavy.
- 6. After the scrub cycle, the oven drains and is left to soak again.
- 7. After a while the oven is flushed with clean water and rinsing agent and then heated to allow the interior to dry.
- 8. After a period of time a message will appear on the screen to say the oven is ready for use. The cleaning cartridge should be removed before baking is started. (The oven will remind you to do this).

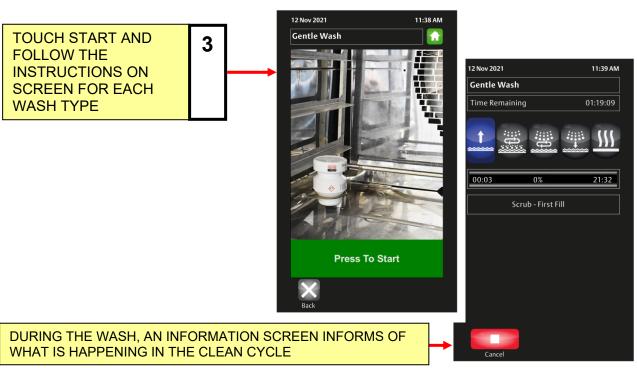
## TO OPERATE THE WASH CYCLE

Do not insert anything aluminium when using the wash cycle.

The cleaners will damage the item and possibly clog up the wash system

**NOTE** When the wash cycle is required, the oven cools to the wash cycle temperature (80 degrees) as part of the chosen program – Opening the door for some time before a wash program is selected will speed up the wash time. (The actual wash cycle will not start until this temperature is reached).





**4.** After the cooling part of the wash program, the oven will instruct the user to insert a "Power Max Plus" cleaning cartridge. This must be screwed into the locator on the rack tray-cassette or at the rear of a non-cassette oven. This will not be required if the hot flush program is used.



#### **SAFETY INFORMATION**

Care should be taken when handling cleaning cartridges. Do not break open or use damaged cleaning cartridges. Store cleaning cartridges in original packaging.



Power Max Plus cleaning cartridge

To order a box of 10 cartridges, simply contact our Spares Department and quote the following code: **A900-30-030** 



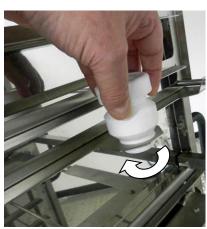
Unscrew and remove the protection cap. Do not try to puncture the wax plug.



Locator hole on the rackcassette

Locator hole at rear of oven without cassette system

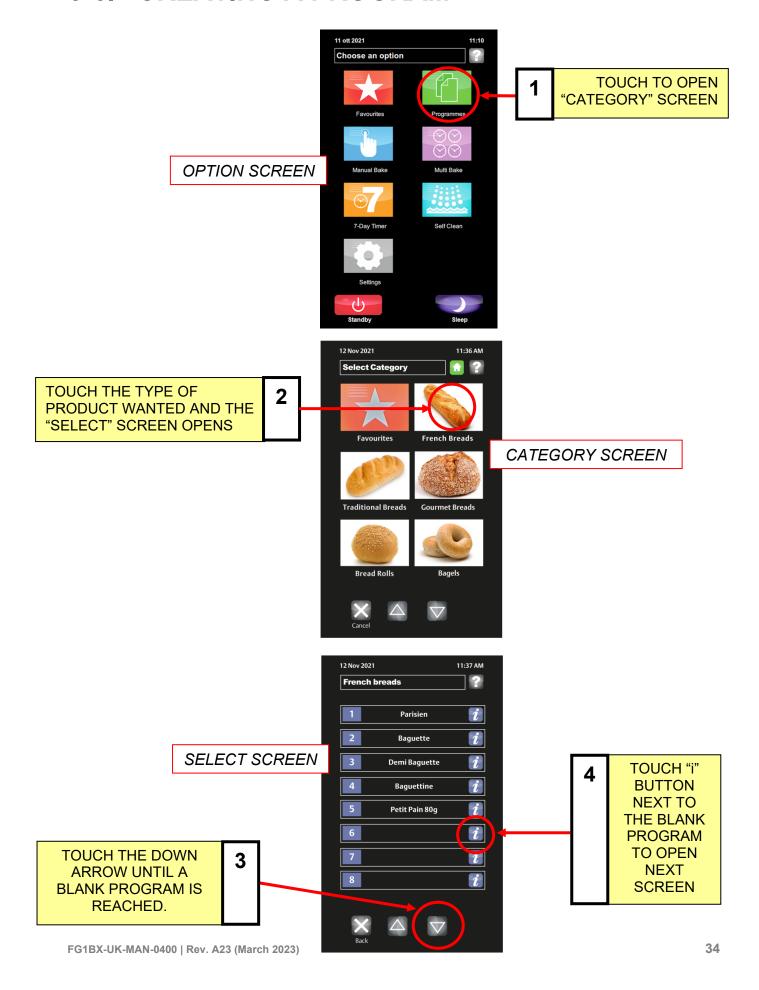


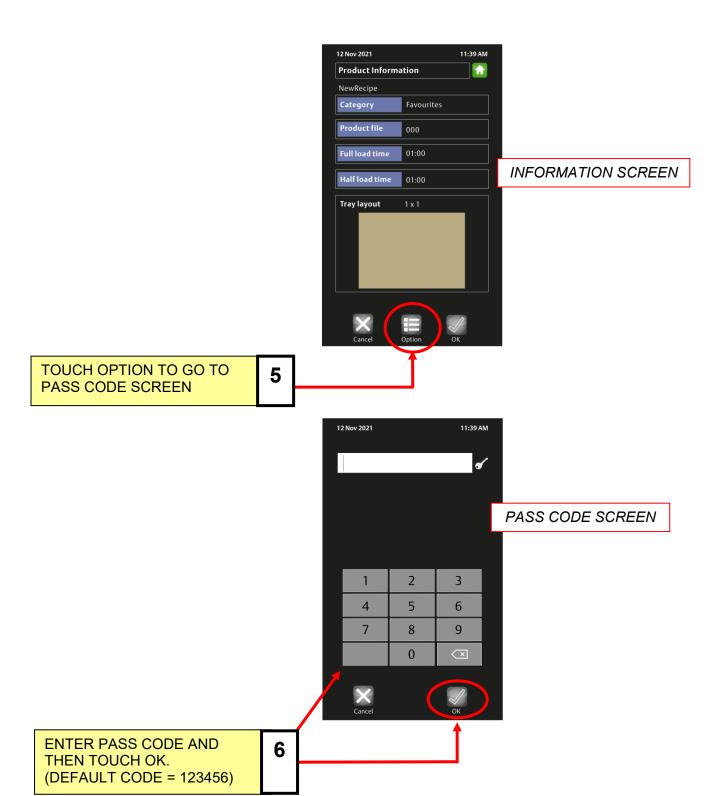


Screw cartridge face down into locator hole, firmly.



## 9-6. CREATING A PROGRAM



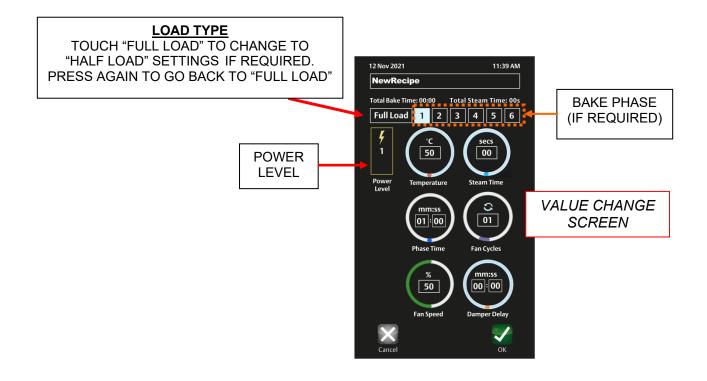




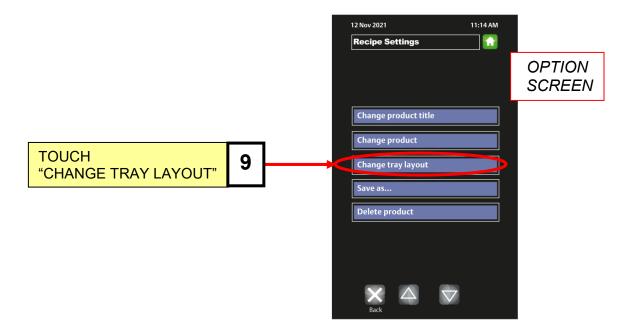
TOUCH EACH ITEM (E.G., TEMPERATURE) AND THEN CHANGE THE VALUE BY USING THE UP/DOWN ARROWS OR USE THE KEYPAD.

WHEN SATISFIED WITH THE SETTINGS TOUCH "" AND YOU WILL BE ASKED IF YOU WANT TO SAVE THE EDITS.

TOUCH "SAVE" OR "CANCEL" AND THE SCREEN WILL RETURN TO THE EDIT MENU.



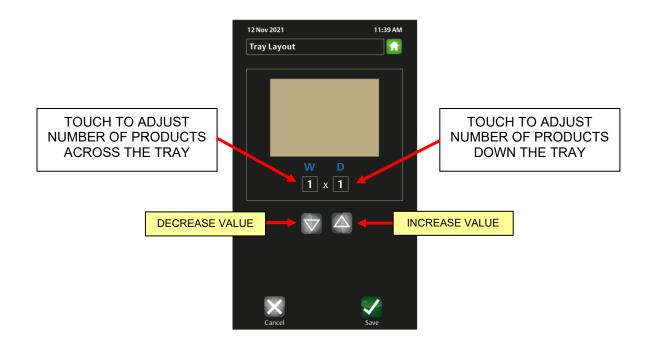
### **EDIT TRAY LAYOUT**



TOUCH EACH ITEM AND CHANGE THE VALUE BY USING THE UP/DOWN ARROWS OR USE THE KEYPAD.

10

WHEN SATISFIED WITH THE SETTINGS TOUCH "BACK" AND YOU WILL BE ASKED IF YOU WANT TO SAVE THE EDITS.
TOUCH "SAVE" OR "CANCEL" AND THE SCREEN WILL RETURN TO THE EDIT MENU.



### **EDIT PRODUCT TITLE**

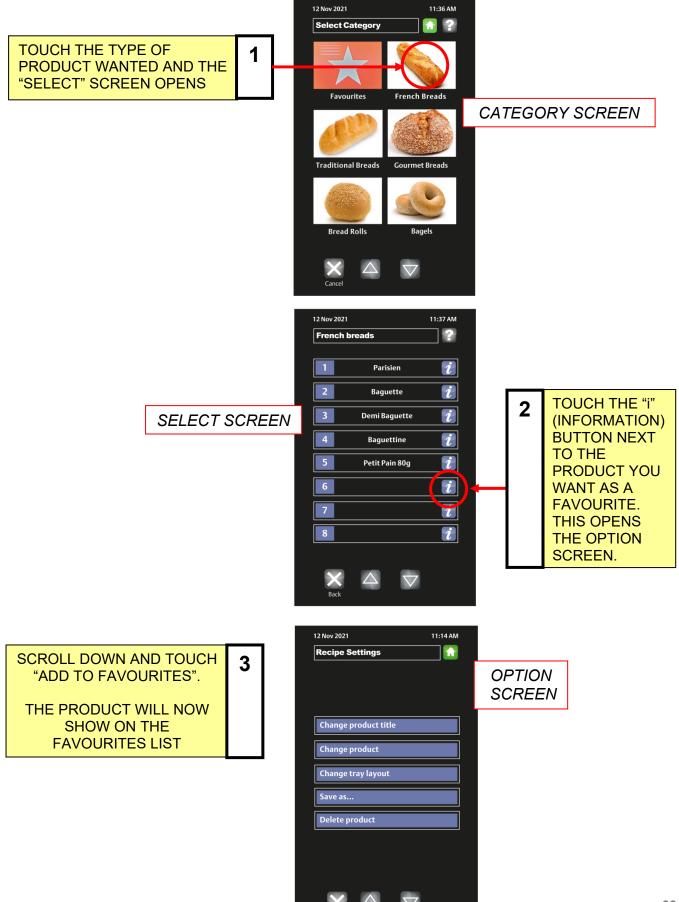


TYPE PRODUCT TITLE.
TOUCH "SAVE" AND TITLE
WILL BE SAVED

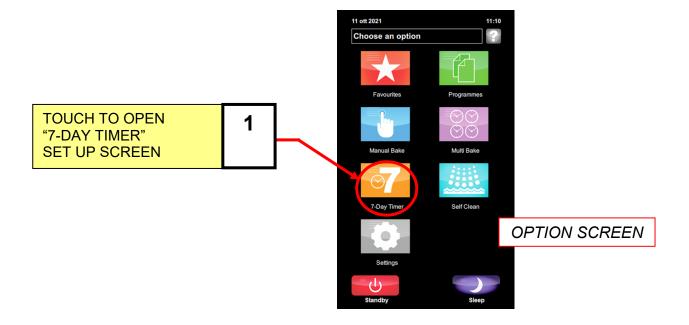
12

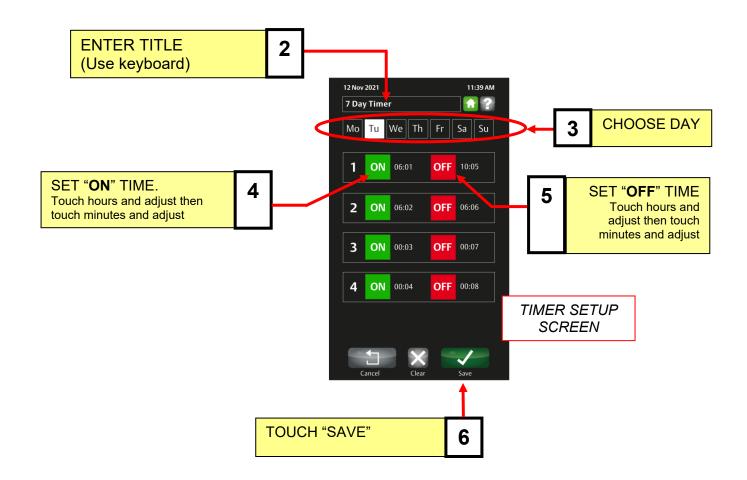


#### ADD A PRODUCT TO THE FAVOURITES LIST

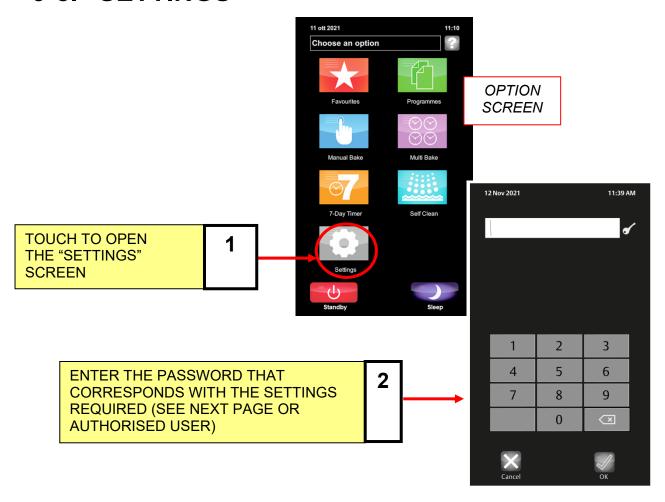


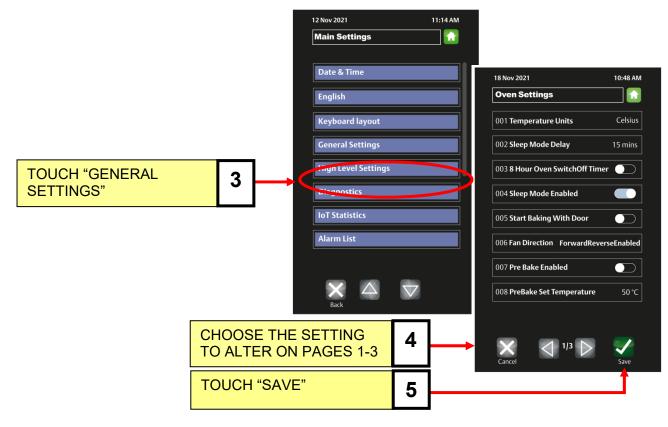
# 9-7. SETTING 7-DAY TIMER





## 9-8. SETTINGS





## 10. MAINTENANCE



NOTE: BEFORE PERFORMING MAINTENANCE, ISOLATE OVEN FROM MAINS SUPPLY.



#### **WARNING**

- This appliance must be maintained at regular intervals. The frequency of maintenance will depend 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 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 14).

## 11. STEAM AND CLEANING SYSTEM MAINTENANCE

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

## 12. BULB REPLACEMENT

In the event of a light failure, please contact Mono service department as there are no customer replaceable parts

# 13. SERVICE AND SPARES

### **SERVICE**

If a fault arises, please do not hesitate to contact the Customer Service Department, quoting the **machine serial number**. This can be found on the silver information plate of the machine and on the front cover of this manual.



## **SPARES**

When ordering the spares, contact the Spares Department. Please quote the **machine serial number.** This can found on the silver information plate of the machine and on the front cover of this manual.

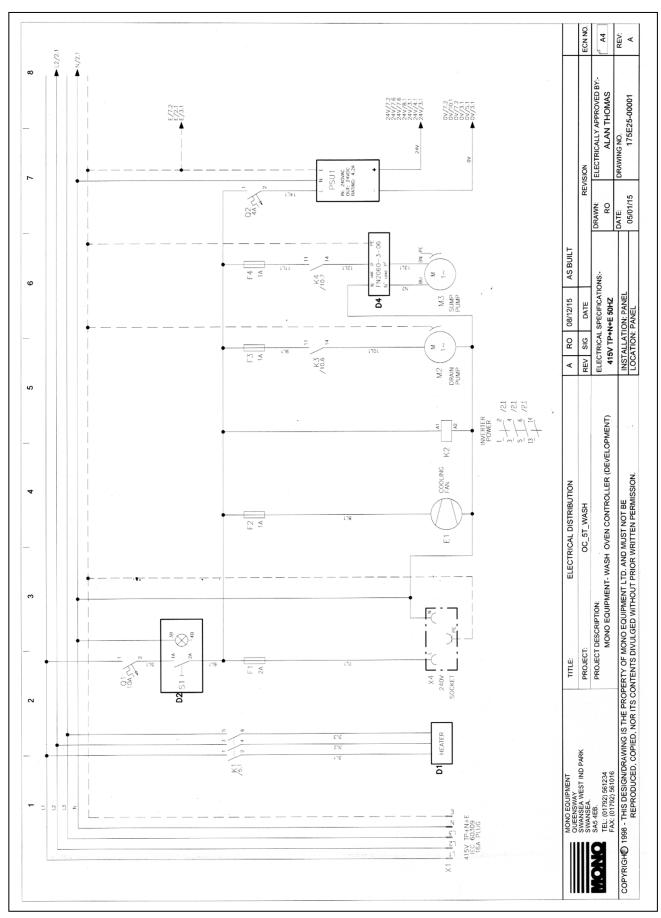
#### **MONO Equipment Limited**

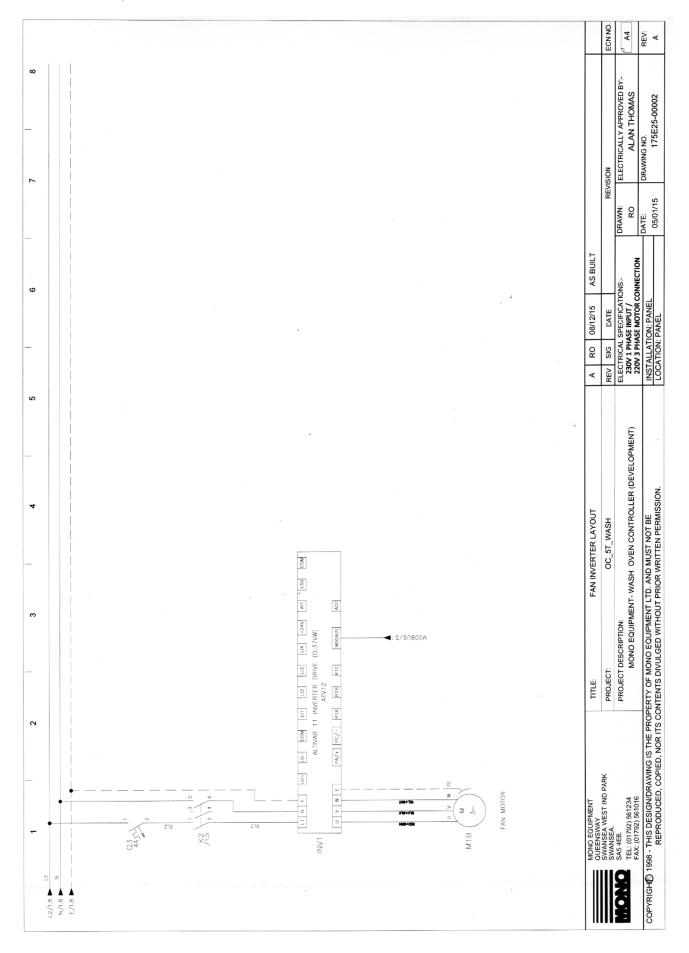
Queensway, Swansea West Industrial Park, Swansea, SA5 4EB, United Kingdom

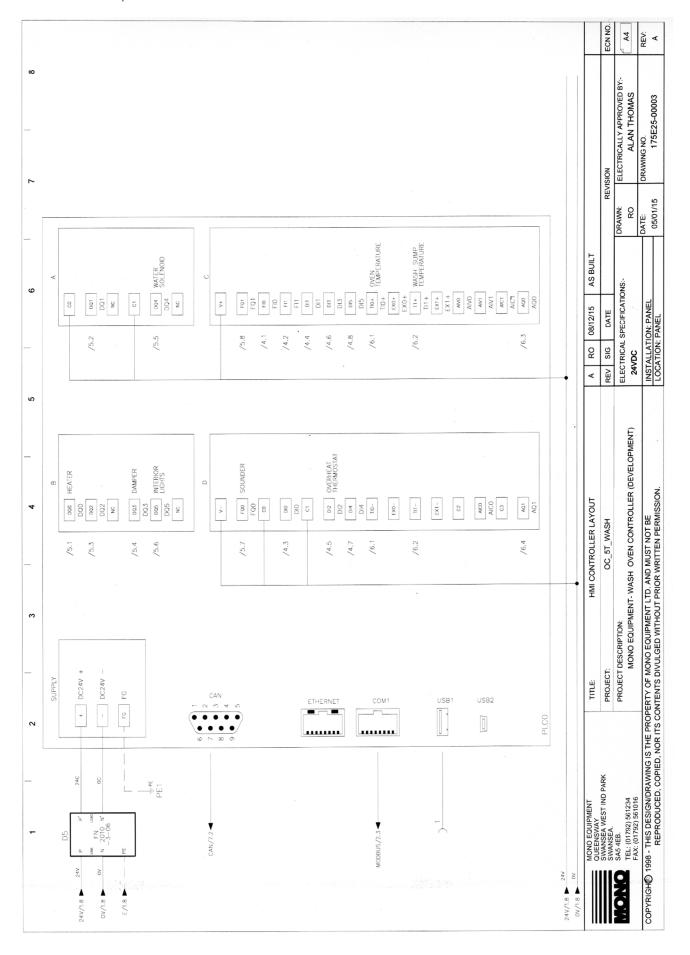
E-mail: <a href="mailto:spares@monoequip.com">spares@monoequip.com</a>
Phone: +44/0 1792 564039

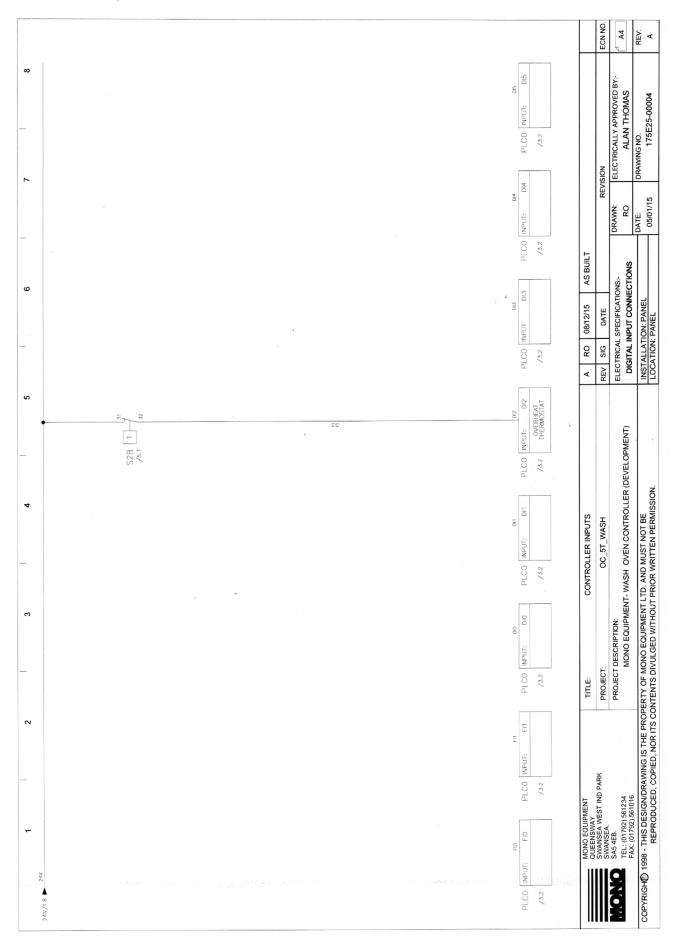
Spare Part Number	Spare Description
A900-30-030	Box of 10 Power Max Plus Cartridges for use with MONO Eco Connect+ Wash ovens

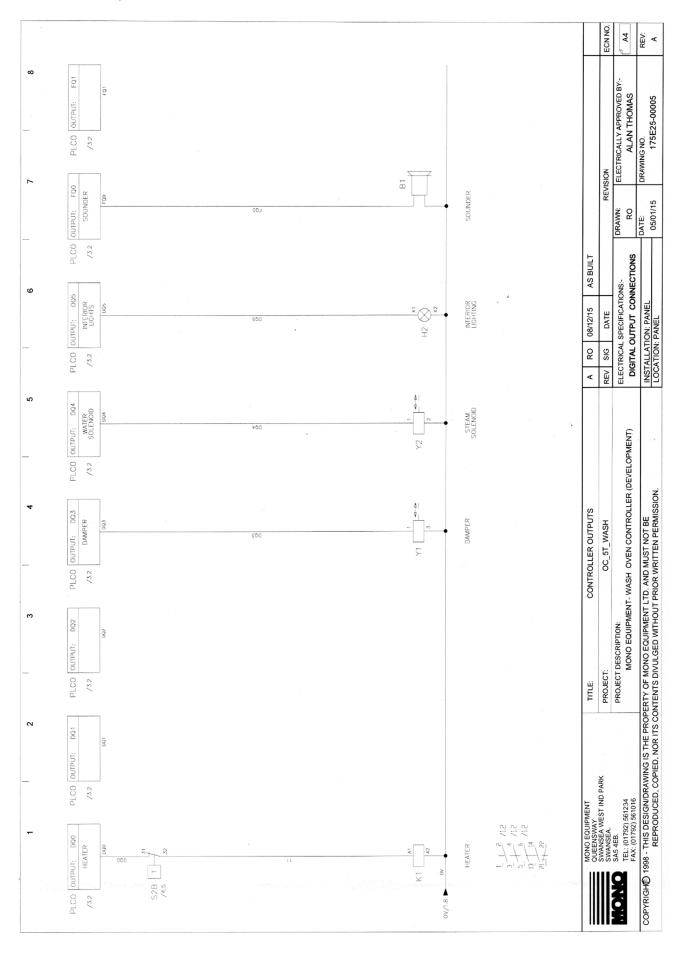
# 14. ELECTRICAL

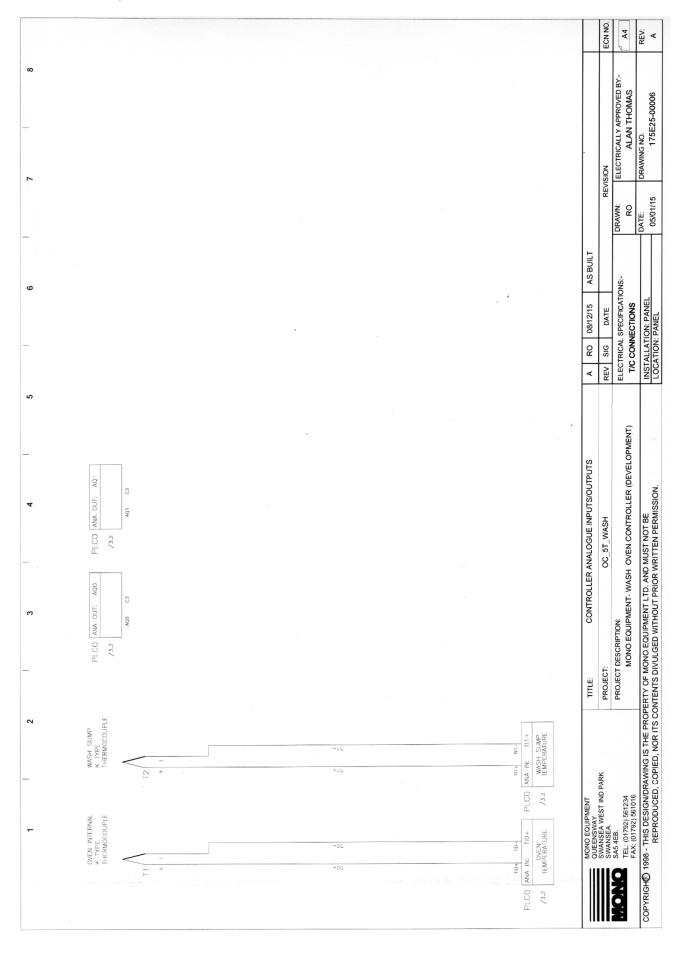


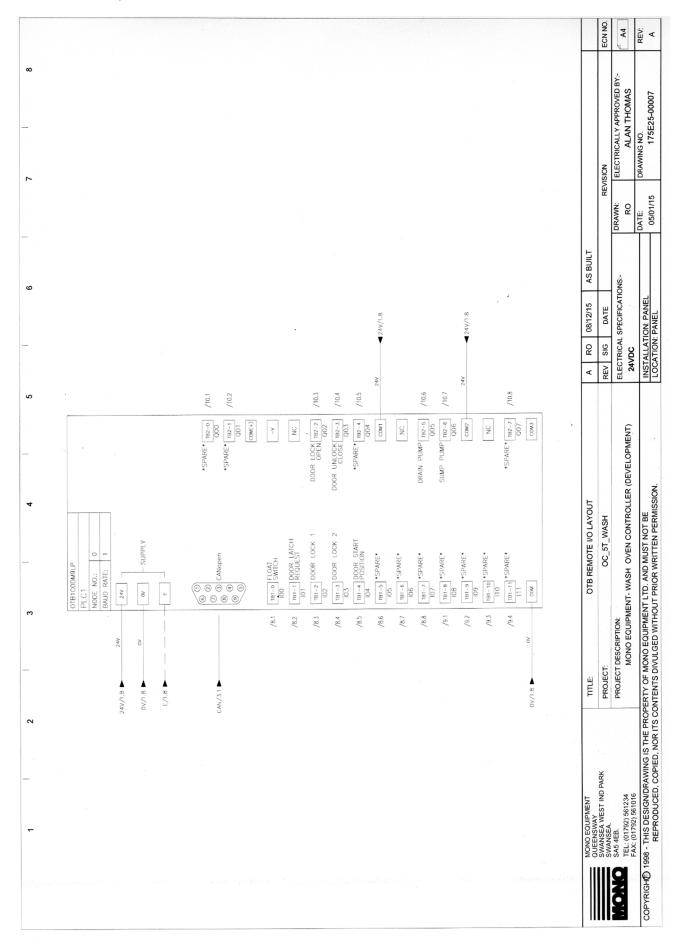


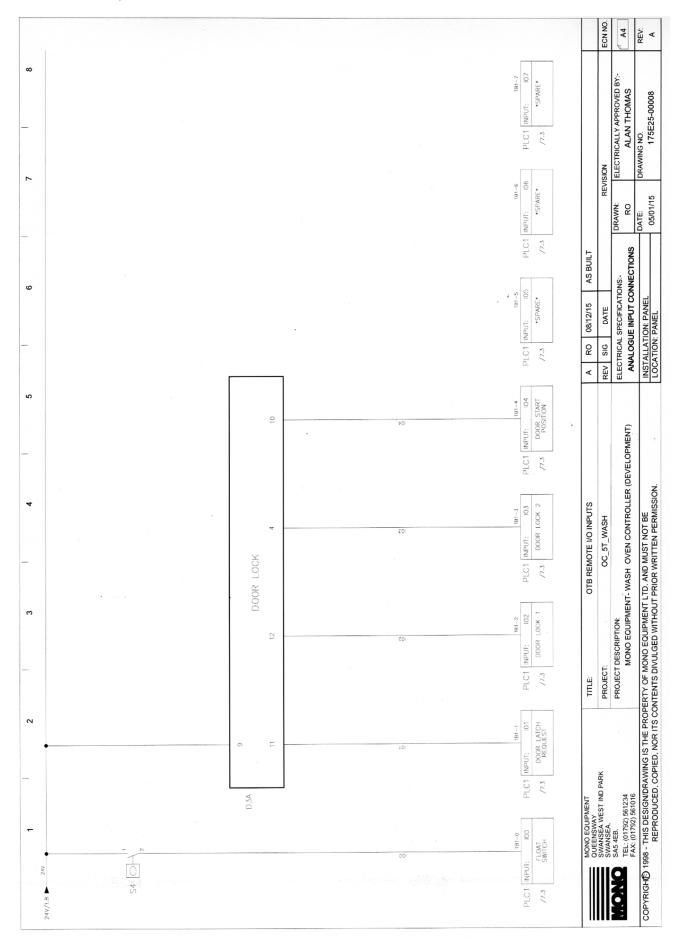


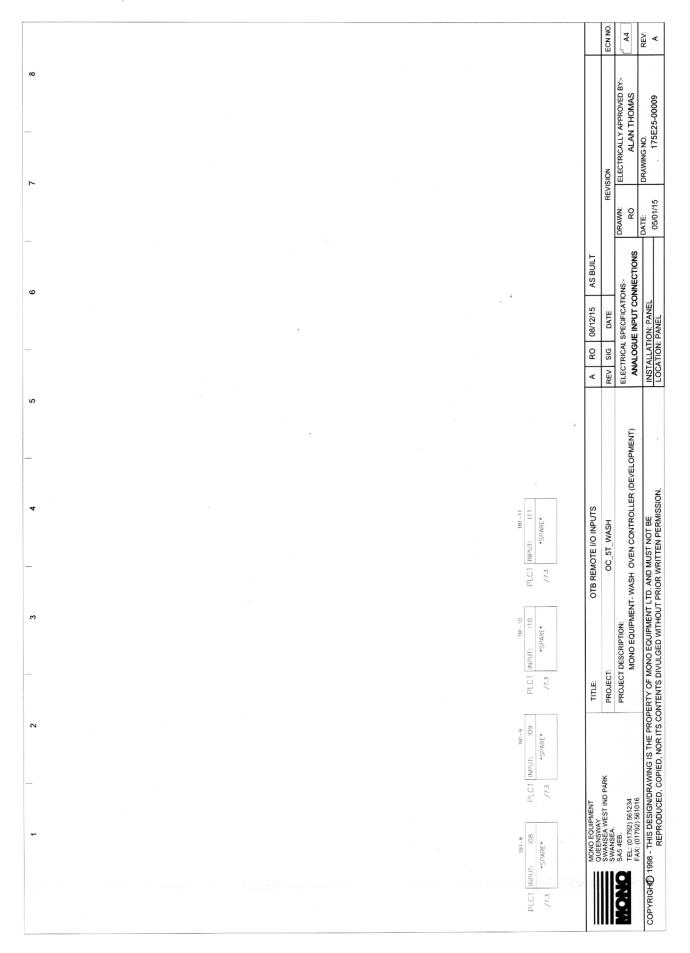


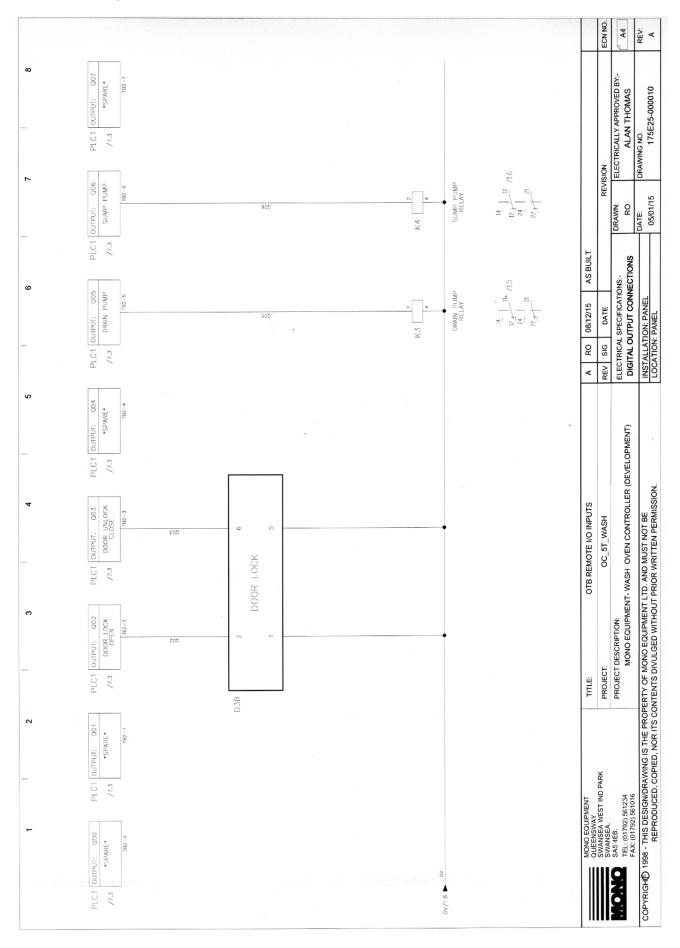












# (Intentional Blank Page)

# **PASSWORDS**

#### DEPENDING ON WHICH PASSWORD IS USED THE FOLLOWING SETTINGS CAN BE ACCESSED:

	Settings menu —————	
	3142	
	General Settings – 2 pages	
	Diagnostics – 2 pages	
	123456	
	Edit product (Default, user configurable)	
	1 ( , 3 )	
•	Advanced settings menu —————	
	777460	
	654321 High level – oven settings (3 screens) (Default, user co	nfigurable)
	Net	
	HMI	
	System	
	Alexandra	
•	Alarms menu ————————————————————————————————————	
	4321	
	Alarm - date, time and state logging	
	Testing options ————	
-	753951	
	Screen capture	
	I O diagnostics overlay	
	Advanced diagnostics	
	Enable diagnostics mode logging	
	Demo mode	
	Demo mode	
•	Device management menu ——————	
	1793	
	Backup	
	Update	
	Restore	
•	Customisation menu ————————————————————————————————————	
	5678	
	Wallpaper	
•	Manufacturers options —————	
	561234	
	Reset to original settings	
•	System event log ———————	
	789630	
	Moch cottings Editor	
•	Wash settings Editor	
	456852	
	4682 Abort wash	

To stop unauthorised changes to the oven setup, it is suggested that this page is removed from this manual and kept in a safe place for future reference.

# (Intentional Blank Page)



#### DESIGNED AND MANUFACTURED IN WALES BY:

## **MONO EQUIPMENT**

Queensway Swansea West Industrial Estate Swansea. SA5 4EB UK

www.monoequip.com

Tel. +44 (0) 1792 561234

#### **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 UK, ENVIRONMENTAL PROTECTION ACT 1990 APPLIES)