

*marren*

# Microwave Oven

Model: ISM-1800S

## ScanHeat Instruction Manual



**Please read these instructions carefully before using your microwave oven, and retain for safe keeping.**

Following these instructions will help to provide you with many years of good service from your microwave oven.

## **ELECTRICAL SAFETY AND ADVICE REGARDING SUPPLEMENTARY ELECTRICAL PROTECTION**

Commercial kitchens and foodservice 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 power supply suitable for the load as stipulated by the appliance data label.

The electrical installation and connections should meet the necessary requirements to 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 recognized that there may be locations of increased risk of electric 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 include:
  - Automatic Disconnection of Supply (ADS) by means of a residual current device having a residual operating current not exceeding 30mA;
  - Supplementary protective equipotential bonding; and
  - Reduction of maximum fault clearance time.
- The provision of RCDs and supplementary bonding must be specified by the host organization'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

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## PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- a. Do not attempt to operate this oven with the door open since this can result in harmful exposure to microwave energy. It is important not to break or tamper with the safety interlocks.
- b. Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- c. **WARNING:** If the door or door seals are damaged, then the oven must not be operated until it has been repaired by a competent person.

## ADDENDUM

If the oven is not maintained in a good state of cleanliness, it's surfaces can become degraded and affect the lifespan of the oven potentially, leading to a dangerous situation.

## SPECIFICATIONS

Model	ISM-1800S
Rated Voltage	230-240Vac
Rated Input Power (Microwave)	3000W
Rated Output Power (Microwave)	1800W
Oven Capacity	17.9L
External Dimensions	420 x 565 x 339mm
Net Weight	Approx. 31.6KG

# IMPORTANT SAFETY INSTRUCTIONS

## WARNING

To reduce the risk of fire, electric shock, injury to persons or exposure to excessive microwave oven energy when using your appliance, follow basic precautions, including the following:

1. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
2. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or qualified persons in order to avoid a hazard. (For appliance with type Y attachment)
3. WARNING: Ensure that the appliance is switched off before replacing the lamp in order to avoid the possibility of electric shock.
4. WARNING: 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.
5. WARNING: Liquids and other foods must not be heated in sealed containers, as they are liable to explode.
6. WARNING: Microwave heating of beverages can result in delayed eruptive boiling, therefore care must be taken when handling the container.
7. WARNING: The contents of feeding bottles and baby food jars should be stirred or shaken and the temperature checked before consumption, in order to avoid scalding.
8. Only use utensils that are suitable for use in a microwave oven.
9. When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.
10. If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames.

11. Eggs in their shell and whole hard-boiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended.
12. The oven should be cleaned regularly and any food deposits should be removed.
13. The appliance must not be cleaned with a water jet. (For appliances intended to stand on the floor and which are not at least IPX5)
14. Failure to maintain the oven in a clean condition could lead to deterioration of the surfaces that could adversely affect the life of the appliance and possibly result in a hazardous situation.
15. Only use the temperature probe recommended for this oven. (For ovens provided with a facility to use a temperature-sensing probe.)
16. Read and follow the specific: “PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY”.
17. Metallic containers used for food and beverages are not allowed during microwave cooking.

**READ CAREFULLY AND KEEP FOR FUTURE REFERENCE**

## **TO REDUCE THE RISK OF INJURY TO PERSONS GROUNDING INSTALLATION**

### **WARNING** ELECTRIC SHOCK HAZARD

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

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

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

## CONSULT A QUALIFIED ELECTRICIAN OR SERVICEMAN

If the grounding instructions are not completely understood or if doubt exists as to whether the appliance is properly grounded.

### CLEANING

Be sure to unplug the appliance from the power supply.

1. Clean the cavity of the oven after using with a slightly damp cloth.
2. Clean the accessories in the usual way in soapy water.
3. The door frame, seal and neighbouring parts must be cleaned carefully with a damp cloth when they are dirty.
4. Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass, as they can scratch the surface, which may result in shattering of the glass.

### UTENSILS CAUTION PERSONAL INJURY HAZARD

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.

See the instructions on “Materials you can use in a microwave oven or to be avoided in a microwave oven.” There are certain non-metallic utensils that are unsafe to use for microwaving. If in doubt, you can test the utensil in question following the procedure on page 8.

## UTENSIL TEST

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

## MATERIALS YOU CAN USE IN MICROWAVE OVEN

Utensils	Remarks
Dinnerware	Microwave-safe only. Follow manufacturer's instructions. Do not use cracked or chipped dishes.
Glass Jars	Always remove lid. Use only to heat food until just warm. Most glass jars are not heat resistant and may break.
Glassware	Heat-resistant oven glassware only. Make sure there is no metallic trim. Do not use cracked or chipped dishes.
Oven Cooking Bags	The manufacturer's instructions. Do not close with a metal tie. Make slits to allow steam to escape.
Paper Plates and Cups	Use for short-term cooking/warming only. Do not leave oven unattended while cooking.
Paper Towels	Use to cover food for reheating and absorbing fat. Use with supervision and a short-term cooking only.
Parchment Paper	Use as a cover to prevent splattering or a wrap for steaming.
Plastic	Microwave-safe only. Follow the manufacturer's instructions. Should be labelled "Microwave Safe". Some plastic containers soften, as the food inside gets hot. "Boiling bags" and tightly closed plastic bags should be slit, pierced or vented as directed by package.
Plastic Wrap	Microwave-safe only. Use to cover food during cooking to retain moisture. Do not allow plastic wrap to touch food.
Thermometers	Microwave-safe only (meat and candy thermometers).
Wax Paper	Use as a cover to prevent splattering and retain moisture.



# MATERIALS TO BE AVOIDED IN MICROWAVE OVEN

Utensils	Remarks
Aluminium Tray	May cause arcing. Transfer food into microwave-safe dish.
Food Carton with Metal Handle	May cause arcing. Transfer food into microwave-safe dish.
Metal or Metal Trimmed Utensils	Metal shields the food from microwave energy. Metal trim may cause arcing.
Metal Twist Ties	May cause arcing and could cause a fire in the oven.
Paper Bags	May cause a fire in the oven.
Plastic Foam	Plastic foam may melt or contaminate the liquid inside when exposed to high temperature.
Wood	Wood will dry out when used in the microwave oven and may split or crack.

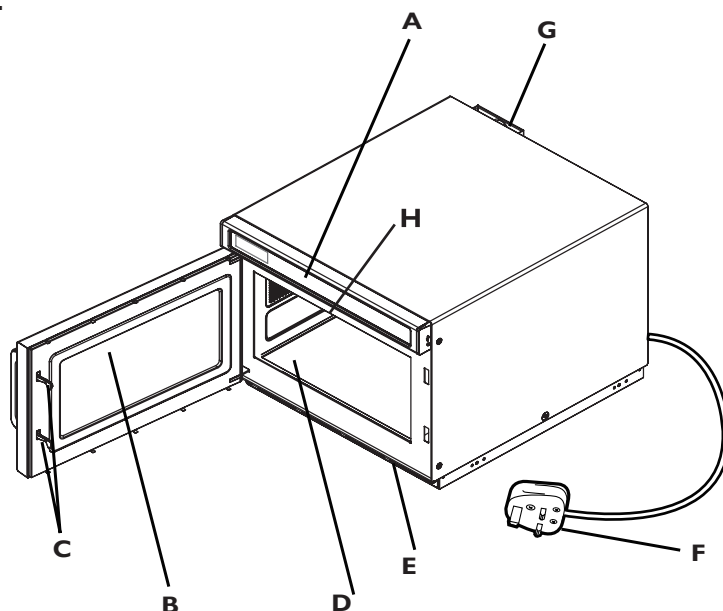
# SETTING UP YOUR MICROWAVE OVEN

## NAMES OF OVEN PARTS AND ACCESSORIES

Remove the oven and all materials from the carton and oven cavity. Your oven comes with the following accessories:

Instruction Manual

- A. Control Panel
- B. Observation Window
- C. Safety Interlock System
- D. Ceramic Base
- E. Air Filter
- F. Plug
- G. Ventilation
- H. Scanner



## NOTE:

1. Do not forcibly press the ceramic base.
2. Take out the utensils gently during operation to avoid damage to the ceramic base.
3. Immediately after using, do not touch the ceramic base by hand in order to avoid a high temperature burn.

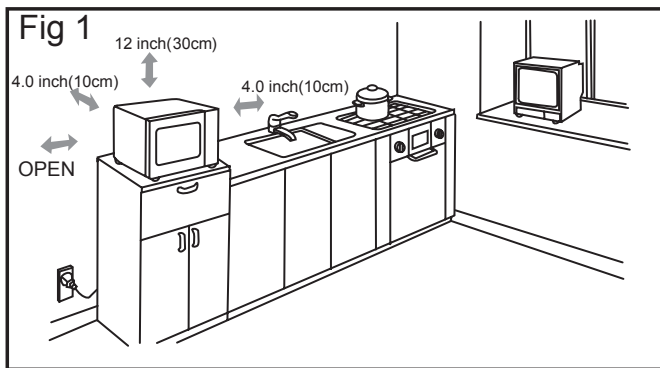
## COUNTERTOP INSTALLATION

Remove all packing material and accessories. Examine the oven for any damage such as dents or broken door. Do not install if the oven is damaged.

Cabinet: Remove any protective film found on the microwave oven cabinet surface.

# INSTALLATION

1. Select a level surface that provides enough open space for the intake and/or outlet vents. (Fig 1)



A 10-cm spacing should be kept between the appliance's right and back walls, and a 30-cm spacing kept on the top. Never dismantle the appliance's feet, nor block the air intake and exhaust opening. The left side must be open.

1) Blocking the intake and/or outlet openings can damage the oven.

2) Place the oven as far away from radios and TV as possible. Operation of the microwave oven may cause interference to your radio or TV reception.

3) Plug your oven into a standard household outlet. Be sure the voltage and the frequency are the same as the voltage and the frequency on the rating label.

4) **WARNING:** The plug socket, electric appliance or any other appliance affected by heat and moisture should be kept away from the vents on the oven.

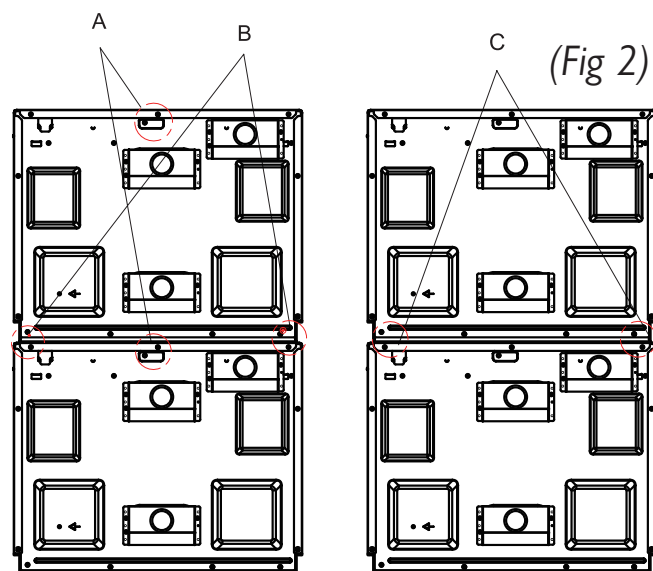
2. Stacking and installation of the microwave oven.

The maximum height of stacking shall be two layers. Specific stacking installation is as follows.

(A) Unscrew and remove the mounting plate, and then tighten the screws.

(B) Remove the four screws as shown in (Fig 2).

(C) Mount the mounting plate to the lower position and fix the screws that are just loosened.



# CLEANING INSTRUCTIONS

## ALWAYS KEEP THE MICROWAVE OVEN CLEAN

1. Cleaning the glass viewing window, the inner door panel and oven front face. For best performance and to maintain a higher degree of safety, the inner door panel and oven front face should be free of food or grease build-up. Wipe these parts with a mild detergent, rinse and wipe dry. Never use abrasive powders or pads.
2. Cleaning the control panel and plastic parts. Do not apply a detergent or an alkaline liquid spray to the control panel and plastic parts, as this may cause damage to these parts. Use a dry cloth (not a soaked cloth) to clean these parts.
3. Cleaning the oven interior. After use be sure to clean up any spilt liquids, spattered oil or food debris, as quickly as possible. If the oven is used whilst dirty, the efficiency may drop. Dirt stuck to the oven surfaces may cause bad odours. Clean the interior with a cloth, soaked in luke-warm water with a mild detergent mix, then rinse the soap off with a damp cloth.
4. Cleaning the roof liner regularly, will help prevent food debris and oils from dropping on to food, that has been placed in the cavity for heating.
5. Cleaning the air filter regularly, will keep it clear. The appliance will over heat when the air filter is blocked.
6. When the appliance is operated, the roof liner and air filter must be correctly in place in order to avoid damage to other parts/components (See installation on page 24).

**CAUTION:** Do not wipe plastic and painted sections of the oven with bleach, thinners or other cleaning agents, as this may cause these parts to dissolve or become sharp.

# OPERATION CONTROL PANEL AND FEATURES




(1) USB Button

(2) STOP Button

# OPERATION INSTRUCTION

## 1. POWER UP

When the oven is turned on for the first time, “-----” will display. If the “” button is pressed, the oven will change to ECO mode.

Note: During ECO mode, the oven will not respond when buttons are pressed.

## 2. ECO MODE

- 1) The oven will enter ECO mode after a set of seconds have elapsed in Ready Mode without a keypad press or a door open and close.
- 2) During ECO mode, the screen will display ECO with no oven activity.
- 3) Opening and then closing the oven door, will exit ECO mode and will then enter into ready mode.

## 3. READY MODE

- 1) In this mode, the oven is ready to begin a cook cycle.
- 2) Opening and closing the door while the oven is in ECO Mode will put the oven into Ready Mode.
- 3) During Ready Mode, “READY” will display.

## 4. SCAN MODE

- 1) While the door of the oven is open, the oven will be in Scan Mode.
- 2) During this mode, the screen will display SCAN. If the door is open during the cooking state, “DOOR” and “OPEN” will display once, in order.
- 3 ) When the door is closed, the oven will enter Ready Mode.

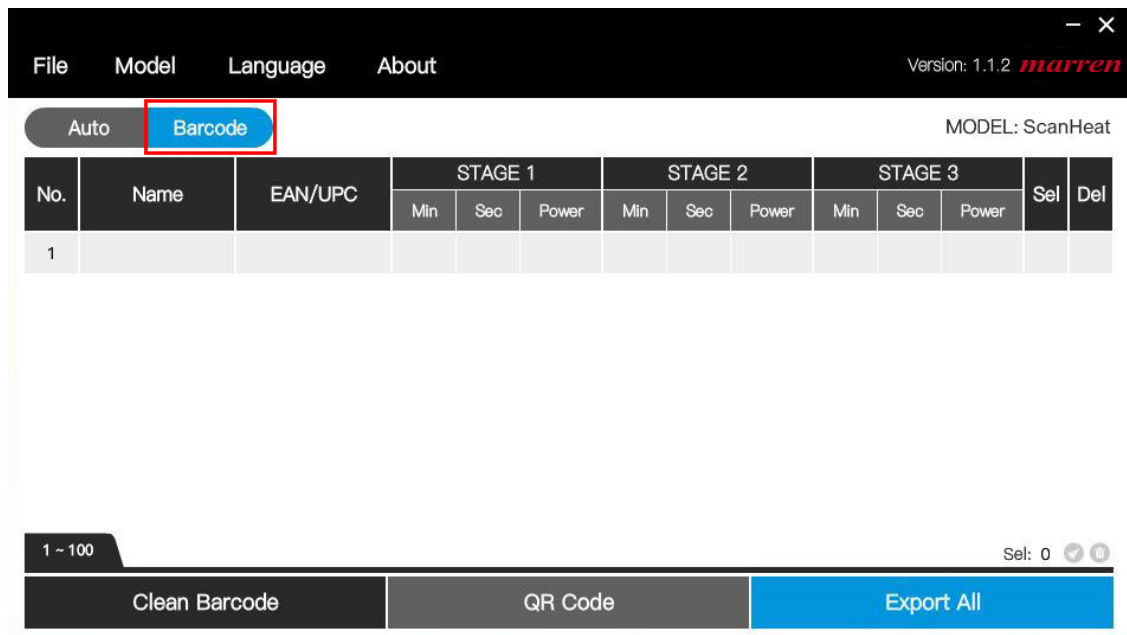
## 5. END OF CYCLE MODE

- 1) After the cooking time has expired in Scan Mode, the oven will go into the End of Cook Cycle Mode.

# HOW TO PROGRAM YOUR MICROWAVE OVEN VIA QR CODE OR USB, READY FOR USE

For a downloadable version of the ScanHeat software visit [www.marren.co.uk](http://www.marren.co.uk)

1. On your PC or Mac, open your ScanHeat software and click on Barcode.

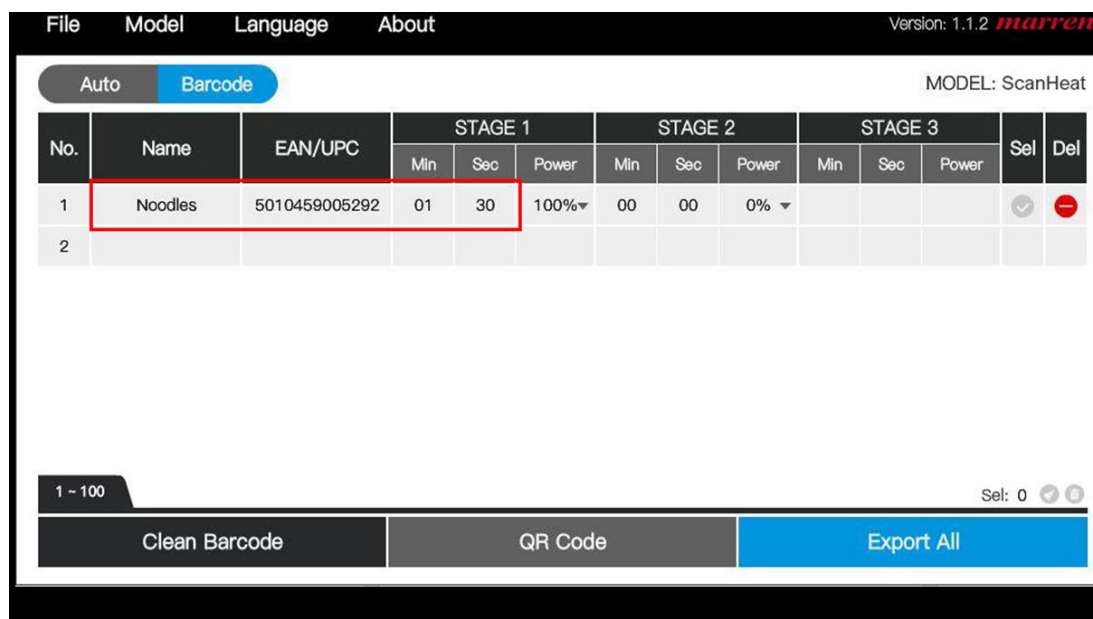


The screenshot shows the ScanHeat software interface. At the top, there is a menu bar with 'File', 'Model', 'Language', and 'About'. The version is '1.1.2 marren'. Below the menu bar, there are two tabs: 'Auto' and 'Barcode'. The 'Barcode' tab is selected and highlighted with a red box. Below the tabs, there is a table with columns: 'No.', 'Name', 'EAN/UPC', 'STAGE 1' (Min, Sec, Power), 'STAGE 2' (Min, Sec, Power), 'STAGE 3' (Min, Sec, Power), 'Sel', and 'Del'. The table has one row with '1' in the 'No.' column. At the bottom, there are three buttons: 'Clean Barcode', 'QR Code', and 'Export All'. The 'Export All' button is highlighted in blue.

No.	Name	EAN/UPC	STAGE 1			STAGE 2			STAGE 3			Sel	Del
			Min	Sec	Power	Min	Sec	Power	Min	Sec	Power		
1													

2. Complete each field – Name, EAN/UPC number and the cooking time required for the first Stage of your cooking cycle.

**Note:** The Scanner can recognise more than 4 kinds of barcodes: For example EAN-13, EAN-8, UPC-A and UPC-E.



The screenshot shows the ScanHeat software interface with the 'Barcode' tab selected. The table now has data entered for the first row. The 'Name' field is 'Noodles', the 'EAN/UPC' field is '5010459005292', and the 'STAGE 1' fields are '01' for Min, '30' for Sec, and '100%' for Power. The 'Sel' column has a checkmark icon, and the 'Del' column has a red minus icon. The 'Export All' button is still highlighted in blue.

No.	Name	EAN/UPC	STAGE 1			STAGE 2			STAGE 3			Sel	Del
			Min	Sec	Power	Min	Sec	Power	Min	Sec	Power		
1	Noodles	5010459005292	01	30	100%▼	00	00	0%▼				✓	✖
2													

# HOW TO PROGRAM YOUR MICROWAVE OVEN VIA QR CODE OR USB, READY FOR USE

3. Select the % of power required for stage 1 within the drop-down field.

The screenshot shows the ScanHeat software interface. At the top, there's a menu bar with 'File', 'Model', 'Language', and 'About'. The version is '1.1.2 marren'. Below the menu bar, there are tabs for 'Auto' and 'Barcode'. The model is 'ScanHeat'. The main table has columns for 'No.', 'Name', 'EAN/UPC', and three stages of cooking (STAGE 1, STAGE 2, STAGE 3). Each stage has sub-columns for 'Min', 'Sec', and 'Power'. The first row is for 'Noodles' with EAN/UPC '5010459005292'. The 'Power' dropdown for Stage 1 is open, showing a list of percentages from 0% to 100% in 10% increments. The 'Sel' and 'Del' buttons are at the bottom right of the table. The 'Export All' button is at the bottom right of the interface.

No.	Name	EAN/UPC	STAGE 1			STAGE 2			STAGE 3			Sel	Del
			Min	Sec	Power	Min	Sec	Power	Min	Sec	Power		
1	Noodles	5010459005292	01	30	0%	00	00	0%				✓	✗

4. Complete each stage of cooking, Stage 1,2 and 3 if applicable. Update each menu item line by line.

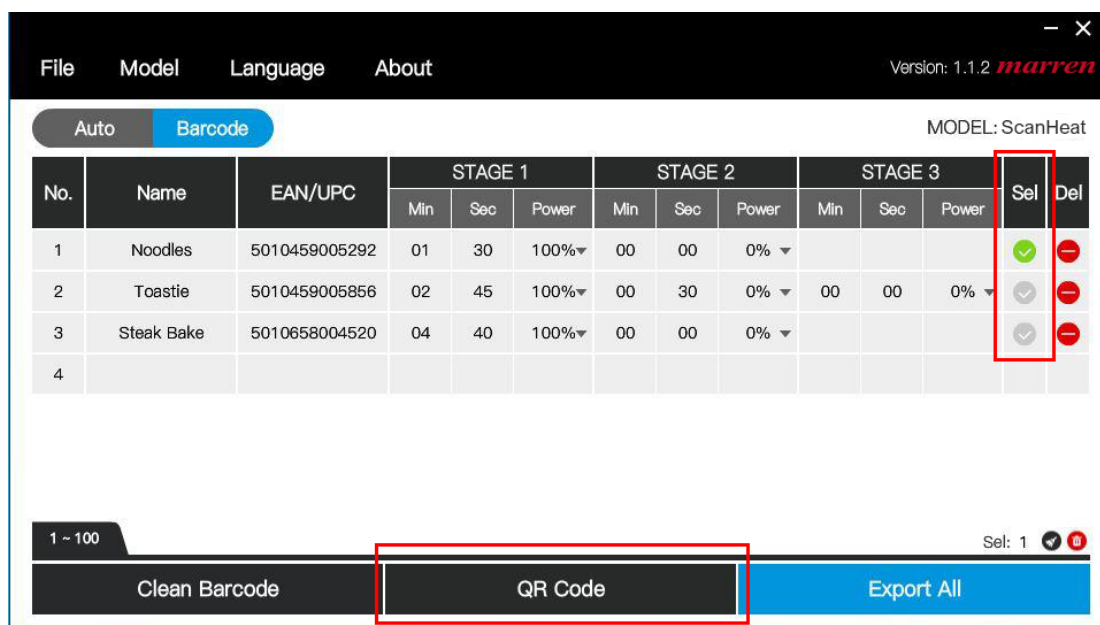
The screenshot shows the ScanHeat software interface with three menu items completed. The 'Power' dropdown for Stage 1 is now set to '100%'. The 'Sel' and 'Del' buttons are at the bottom right of the table. The 'Export All' button is at the bottom right of the interface.

No.	Name	EAN/UPC	STAGE 1			STAGE 2			STAGE 3			Sel	Del
			Min	Sec	Power	Min	Sec	Power	Min	Sec	Power		
1	Noodles	5010459005292	01	30	100%	00	00	0%				✓	✗
2	Toastie	5010459005856	02	45	100%	00	30	0%	00	00	0%	✓	✗
3	Steak Bake	5010658004520	04	40	100%	00	00	0%				✓	✗
4													

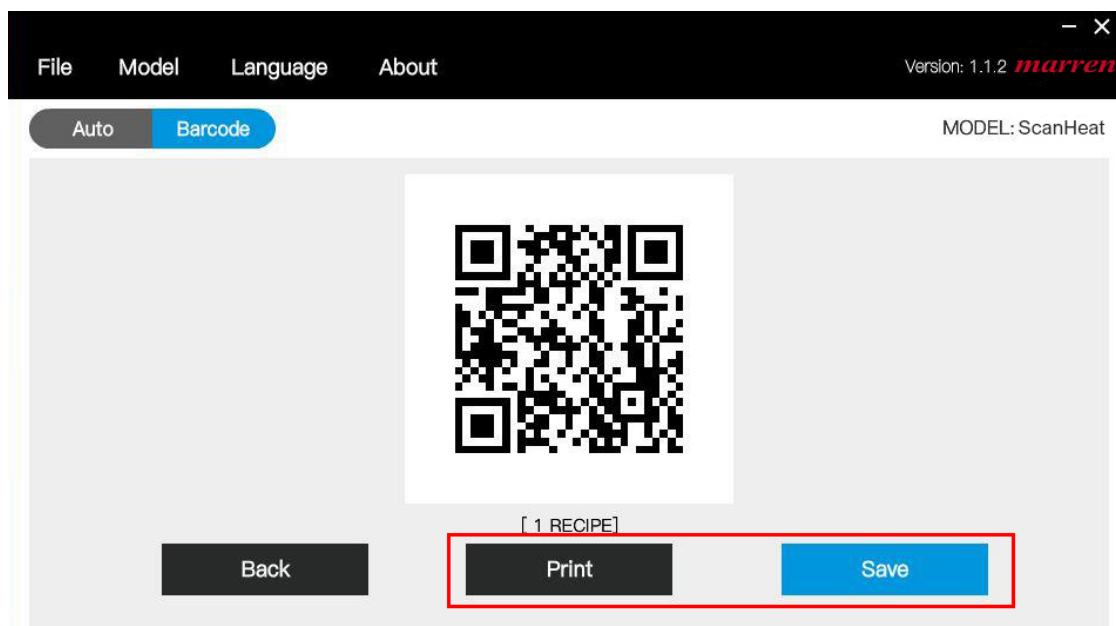


# HOW TO EXPORT YOUR MENU ITEMS VIA QR CODE

1. Select the menu items you want to update through QR code, and click the “QR Code” button. A QR code will be generated. The software has the capability of storing 900 barcode menu items in its database file and can be exported to USB via the Export All button. However, a maximum of 20 items can be created into a single QR barcode.

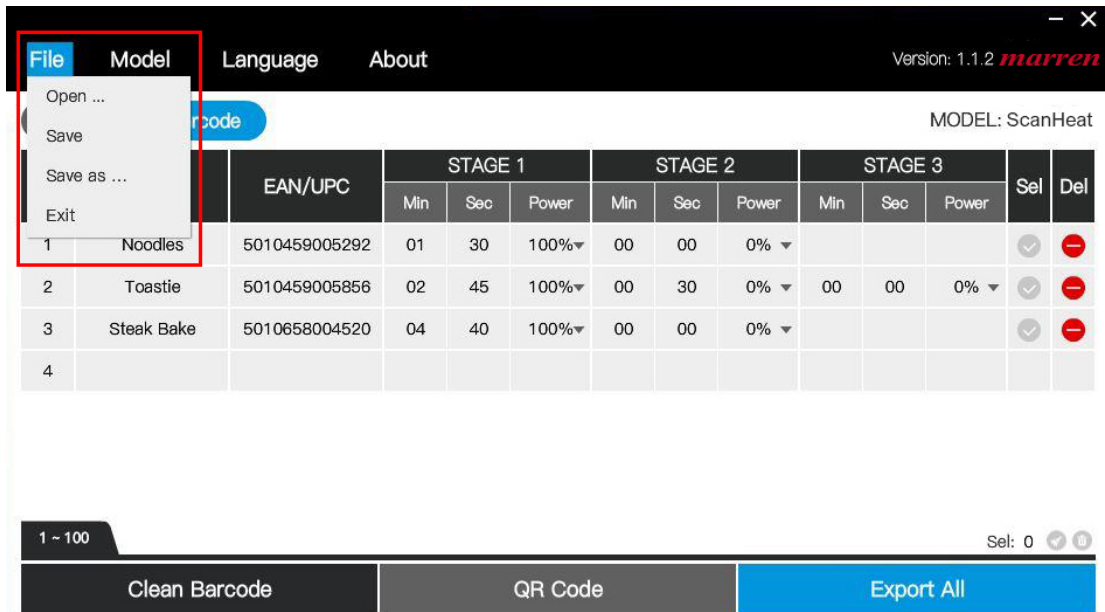


2. Your QR code is now ready to print, save or take a photo of. The number of menu items ready to upload will be shown just below the QR code image. For example (1 RECIPE)

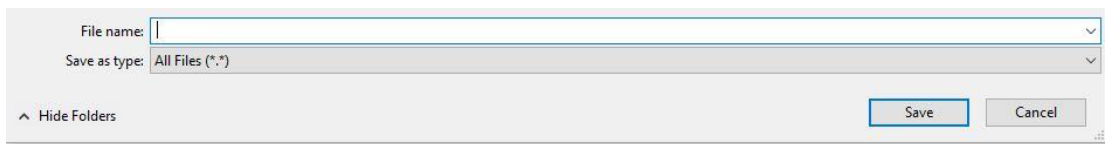


# HOW TO SAVE YOUR PROGRAM FILE

1. To save your progress or add/edit menu items at a later date. Click on File and Save as.



2. Name your file and Save



3. Your file is now saved, ready to open and edit at a later date.

Marren Restaurant 09/11/2020 09:56 Data Base File 2,996 KB

# HOW TO CLEAR OR REMOVE ITEMS FROM YOUR SCANHEAT SOFTWARE WINDOW

1. To clear ALL menu items within the display, click Clean Barcode. A pop-up box will be displayed. “Are you sure to remove all barcode recipes? Click Yes. To delete specific items, click on the delete icon as shown below.

The screenshot shows the ScanHeat software interface with the 'Barcode' tab selected. A confirmation dialog box is displayed in the center, asking 'Are you sure to remove all barcode recipes?' with 'NO' and 'YES' buttons. The dialog is highlighted with a red box. Below the dialog, the 'Clean Barcode' button in the bottom bar is also highlighted with a red box. The table below shows the current menu items.

No.	Name	EAN/UPC	STAGE 1			STAGE 2			STAGE 3			Sel	Del
			Min	Sec	Power	Min	Sec	Power	Min	Sec	Power		
1	Noodles	50104580										✓	✗
2	Toastie	50104580							00	00	0%	✓	✗
3	Steak Bake	50106580										✓	✗
4													

At the bottom, the 'Clean Barcode' button is highlighted with a red box. The bottom bar also shows 'QR Code' and 'Export All' buttons. The status bar at the bottom indicates 'Sel: 3'.

2. Your menu display is now clear.

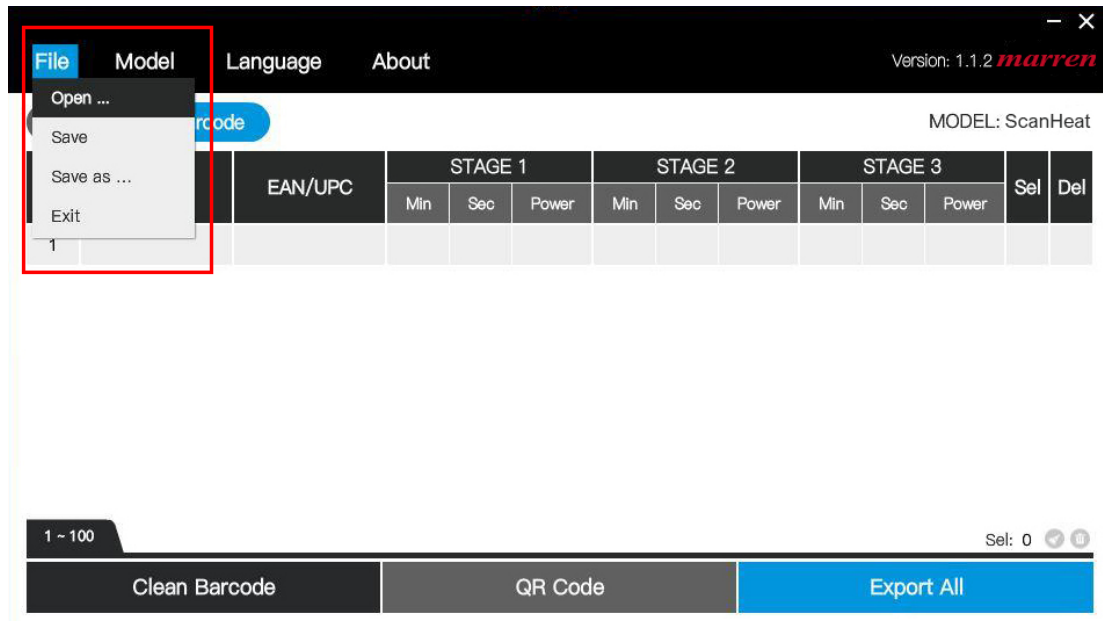
The screenshot shows the ScanHeat software interface with the 'Barcode' tab selected. The menu display is now clear, showing only one item (No. 1) in the table. The 'Clean Barcode' button in the bottom bar is highlighted with a red box. The status bar at the bottom indicates 'Sel: 0'.

No.	Name	EAN/UPC	STAGE 1			STAGE 2			STAGE 3			Sel	Del
			Min	Sec	Power	Min	Sec	Power	Min	Sec	Power		
1													

At the bottom, the 'Clean Barcode' button is highlighted with a red box. The bottom bar also shows 'QR Code' and 'Export All' buttons. The status bar at the bottom indicates 'Sel: 0'.

# HOW TO RETRIEVE YOUR SAVED FILE

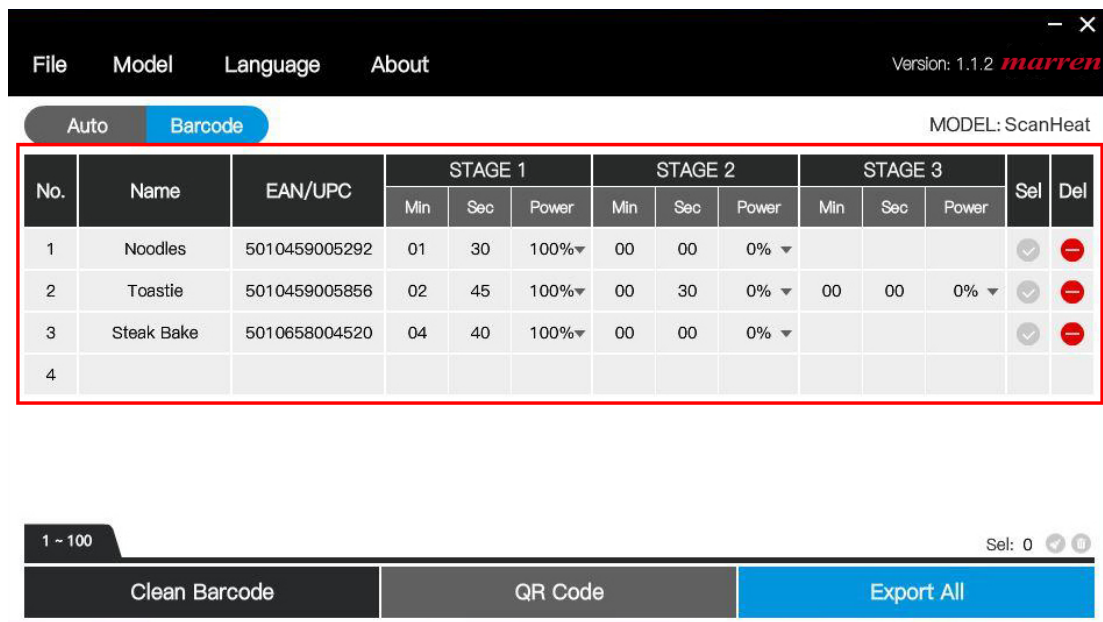
1. To retrieve your saved menu items, click on file and open.



2. Select your previously saved menu file.

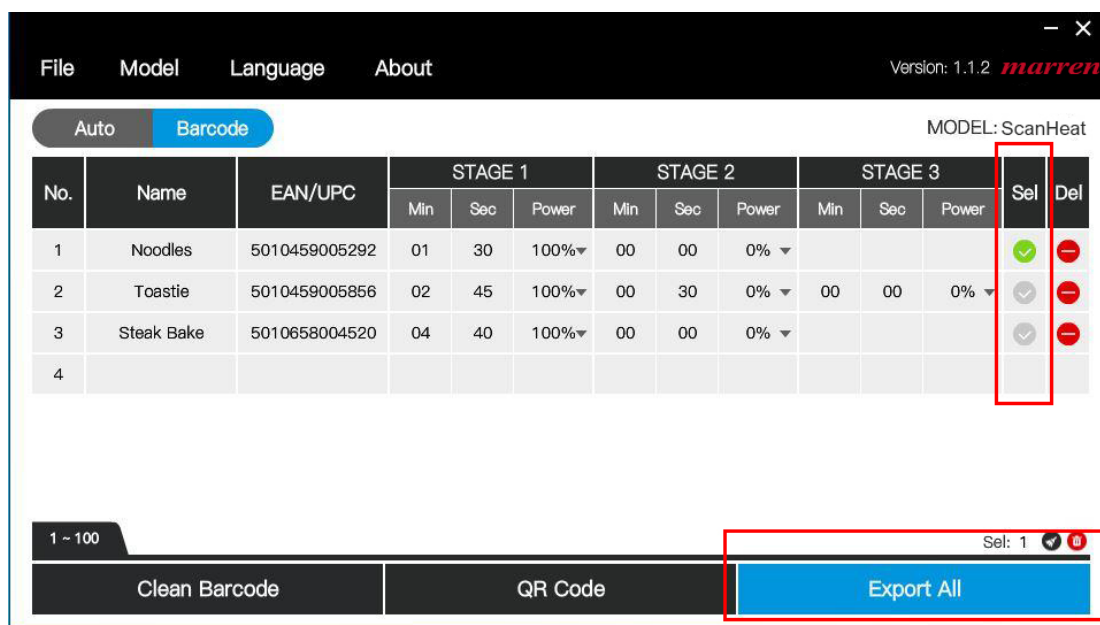
Marren Restaurant 09/11/2020 09:56 Data Base File 2,996 KB

3. Your menu item will be re-imported and displayed in the software table.



# HOW TO EXPORT YOUR MENU ITEMS VIA USB/EXPORT ALL

1. To export menu items to USB, click on the Export All button.



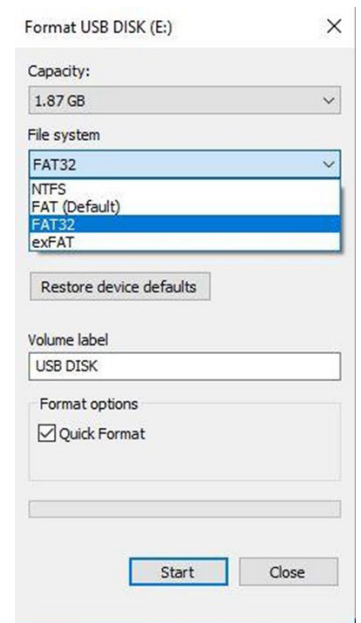
2. Select your location to export. Your folder will automatically named COOKDATA.



# HOW TO EXPORT YOUR PROGRAM FILE/COOKDATA TO USB

1. Your saved file is now ready to be transferred to USB.

Note: The USB must be formatted to FAT32 to successfully transfer the file and upload to the microwave unit.



2. To load your menu items, insert the USB stick into the USB port located on the right hand side of the unit, as directed in the image below. Press the USB button to start the transfer. The transfer will take a few seconds. "SUCCESS" will be displayed in the window when the transfer is complete.



←  
INSERT USB

3. The microwave is now ready to use.

# HOW TO USE YOUR SCANHEAT MICROWAVE

1. Open the microwave door and scan your food item

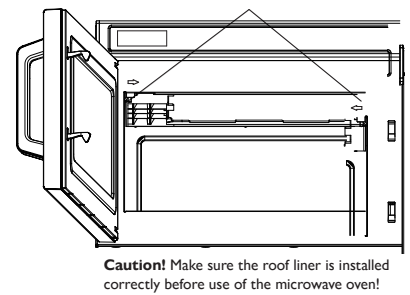
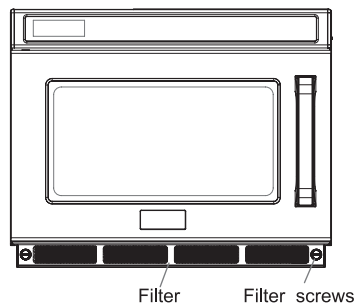
Note: The scanner is located just below the control panel as shown in the image below.



2. Place your food item on to the ceramic base and then close the door. The microwave will automatically start and complete the necessary cook cycle.

3. When complete, DONE will appear in the display. Open the door to remove item and close the door ready for next use. Note: To cancel or stop the cook cycle, press STOP. This will clear the program ready to scan a new product. The original program will not resume.


## FILTER CLEANING



(1) When the cleaning reminder is due, the oven will remind the user to clean the filter.

**Note:** The oven must be turned on.

(2) The screen will display “CLEAN FILTER” when due. Pressing the “” button or opening the door will put the oven into Ready Mode.

(3) If you do not need to clean the filter, press the “” button and hold for 3 seconds to clear the reminder information. Otherwise, the oven will remind you continually during ECO Mode.

The front air filter serves as the air inlet; the air filter should be cleaned regularly to keep the chamber clean.

1. Turn counterclockwise to unscrew and take down the filter and wash with warm soapy water.
2. Install the air filter screen and tighten the screws clockwise to fix the air filter.
3. Make sure the air filter is installed before using the microwave oven.
4. The factory setting has a function to remind the user to wash the air filter every 30 days.
5. Roof liner cleaning
  - a) Removal: Hold the two tabs in front of the roof liner with your hands (as shown by the arrows). Following the direction of the arrows and pull downwards.
  - b) Wash the roof liner.
  - c) Re-installation: Pick up the roof liner and place horizontally into the chamber in a way that the first pin at the rear is in alignment to the hole on the rear plate of the chamber; then push the other side to insert the positioning pins into their positioning holes.



## INSTALLATION (SUPPLEMENT)

1. The switching operation of this microwave oven can cause fluctuations in the supply voltage. The operation of this unit with Voltage supplies of under 225Vac or above 245Vac may cause the oven to not operate correctly. This oven is intended for connection to a power supply that is suitably earthed/grounded and is supplied with a cord and plug to ensure this. The maximum  $Z_e$  of the power supply should be correct to local electrical regulations. The power supply cable & protection device must also be suitably rated in line with local electrical regulations, when circuit breakers are used a D type must be fitted to stop nuisance activations.

The user must ensure that this device is connected only to a power supply system which fulfils the requirement above.

2. The oven should be suitably bonded using the bonding connection point on the rear of the unit to local external metal surfaces, this will ensure electric shock is not incurred due to differences in potential. The Bonding connection point is located on the rear of the unit and is indicated by the symbol below:

**We recommend:**

**\*Supplementary electrical protection with use of residual current device (RCD)**

**\*Fixed wiring appliances 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.**



Symbol for the external connection of equipotential bonding conductors.

# TROUBLESHOOTING

Normal	
Microwave oven interfering TV reception	Radio and TV reception may be interfered when microwave oven is operating. It is similar to the interference of small electrical appliances, like mixers, vacuum cleaners and electric fans. This is normal.
Dim oven light	In low power microwave cooking, oven light may become dim. This is normal.
Steam accumulating on door, hot air out of vents	In cooking, steam may come out of food. Most will get out from vents. But some may accumulate on cool places like oven door. This is normal.
Oven started accidentally with no food in	It is forbidden to run the unit without any food inside. This is very dangerous.

Trouble	Possible Cause	Remedy
Oven will not turn on	Power cord not plugged in tightly	Unplug, then plug in again after 10 seconds
	(2) Fuse blowing or circuit breaker tripping	Replace fuse or reset circuit breaker (repaired by professional personnel of our company)
	(3) Trouble with outlet	Test outlet with other electrical appliances



According to Waste of Electrical and Electronic Equipment (WEEE) directive, WEEE should be separately collected and treated. If at any time in future you need to dispose of this product please do NOT dispose of this product with household waste. Please send this product to WEEE collecting points where available.

**UK  
CA**

# WARRANTY CONDITIONS & EXCLUSIONS

Marren warrants to the original purchaser that the microwave is free from defects in materials and workmanship. The warranty will thereby commence from the (“Original Purchase Date”) and expire 3 years after.

Any components or parts of the microwave which proves to be defective in material or workmanship within 3 years of the original date of purchase, will be replaced or repaired by an authorised engineer, without cost to the original purchaser, except for the following exclusions.

## EXCLUSIONS

- a) Cosmetic damage, including scratches and dents incurred during use.
- b) Any fault or repairs needed due to misuse or neglect of the appliance.
- c) Costs related to the removal, installation or transport of the appliance.
- d) Failure of the appliance due to being incorrectly installed and non-compliant to the operation manual instructions, unless installed by a Marren authorised engineer.
- e) Where periodic maintenance, repair or replacement of parts has been carried out by a non Marren authorised engineer.
- f) Replacement of consumables through wear and tear which includes, but is not limited to, glass door, base tray, stirrer covers, lamps, air filters and plug fuses.
- g) Where the model number has been altered, deleted, removed or made illegible, deliberately.

## CONDITIONS

- a) All repairs during the warranty period must be completed by an authorised engineer of Marren, either on-site or at an approved location. Any work carried out by a non-authorised engineer will invalidate the remaining term of the warranty.
- b) Any parts or components replaced under the warranty will be covered for the remainder of the warranty period.
- c) This warranty is non-transferable and only valid for the (“Original Purchaser”) during the 3 year warranty period.
- d) This warranty is only applicable to appliances sold and retained within the UK and installed with the correct electrical power supply. Please see the operations manual for more information.

**How to claim:** In the event that a repair is required under warranty, customers should contact the Marren service team on 01933 665313 or [service@marren.co.uk](mailto:service@marren.co.uk). Alternatively, you can contact your original dealer who can help initiate your warranty claim.

 01933 665 313

 [sales@marren.co.uk](mailto:sales@marren.co.uk)

 [www.marren.co.uk](http://www.marren.co.uk)

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