



ESSENCE OF EVOLUTION COMBIOVENS



SPECIFICATION, INSTALLATION & OPERATION MANUAL (READ ALL INSTRUCTIONS BEFORE USE)

Electric Models: KB061WT / KB101WT

Gas Models: KBG061WT / KBG101WT







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Your New Giorik Product

Thank you for choosing this quality Giorik product.

All Giorik products are designed and manufactured to meet the needs of food service professionals. By caring for and maintaining this new Giorik product in accordance with these instructions, will provide many years of reliable service.

Stoddart is a wholly Australian owned company, which manufactures and/or distributes a comprehensive range of food service equipment for kitchens, food preparation and presentation. Stoddart products are manufactured and/or engineered in Australia to provide excellent results whilst offering value-for-money, ease-of-use and reliability.

Carefully read this instruction booklet, as it contains important advice for safe installation, operation and maintenance. Keep this booklet on hand in a safe place for future reference by other operators or users.

Disclaimer

The manufacturer and distributor cannot be held responsible or liable for any injuries or damages of any kind occurred to persons, units or others, due to abuse and misuse of this unit in regards to installation, removal, operation, servicing or maintenance, or lack of conformity with the instructions indicated in this documentation.

All units made by the manufacturer are delivered assembled, where possible, and ready to install. Any installation, removal, servicing, maintenance and access or removal of any parts, panels or safety barriers that is not permitted, does not comply in accordance to this documentation, or not performed by a **TRAINED AND AUTHORISED SPECIALIST** will result in the **IMMEDIATE LOSS OF THE WARRANTY.**

The manufacturer cannot be held responsible or liable for any unauthorised modifications or repairs. All modifications or repairs must be approved by the manufacturer in writing before initiating. All modifications or repairs performed to this unit must be performed at all times by a **TRAINED AND AUTHORISED SPECIALIST.**

Stoddart design, manufacture & distribute Food Service Equipment (appliances) exclusively for the commercial market. This appliance is not designed nor intended for household or domestic use and must not be used for this purpose.

This product is intended for commercial use, and in line with Australian electrical safety standards the following warnings are provided:

- This product 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 the use of the product by a person responsible for their safety. Children should be supervised to ensure that they do not play with the product
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard







Warranty & Registration

Australia and New Zealand Warranty

Warranty Period

All Stoddart manufactured and distributed products are covered by Stoddart's standard Australia and New Zealand Product Warranty (minimum 12 month on-site parts and labour, terms and conditions apply). Further to this standard warranty, certain products have access to an extended warranty. Full terms, conditions and exclusions can be found using the below Link/QR code.

Warranty Registration

To register your new product, Follow the below Link/QR code.



www.stoddart.com.au/warranty-information

Due to continuous product research and development, the information contained herein is subject to change without notice.





General Precautions

When using any electrical unit, safety precautions must always be observed.

Our units have been designed for high performance. Therefore, the unit must be used exclusively for the purpose for which it has been designed.

- All units **MUST** be installed according to the procedures stated in the installation section of this manual
- In the case of new personnel, training is to be provided before operating the equipment
- DO NOT use this unit for any other purpose than its intended use
- DO NOT store explosive substances such as aerosol cans with a flammable propellant in or near this unit
- Keep fingers out of "pinch point" areas
- Unit is not waterproof DO NOT use jet sprays, hoses or pour water over/on the exterior of the unit
- Only use this unit with voltage specified on the rating label
- DO NOT remove any cover panels that may be on the unit
- DO NOT use sharp objects to activate controls
- If any fault is detected, refer to troubleshooting
- The manufacturer declines any liability for damages to persons and/or things due to an improper/wrong and/or unreasonable use of the machine
- Only specifically trained/qualified Technicians (Stoddart, one of our service agents, or a similarly qualified persons) should carry out any and all repairs, maintenance and services

General Warnings

- DO NOT USE OR STORE FLAMMABLE MATERIALS IN OR NEAR THIS APPLIANCE
- DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION
- DO NOT MODIFY THIS APPLIANCE
- DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE

The equipment complies with the essential requirements of the Low Voltage Directive 2006/95/EC.

It meets the provisions of the following electrical and Gas standards:

- AS/NZS 60335.1
- AS/NZS 60335.2.42
- AS/NZS 4563, AS/NZS 5601
- AS/NZS 1869
- WMTS-101

The equipment complies with the essential requirements of the Electromagnetic Compatibility Directive 2004/108/EC.





Setting Up Information



WARNING

Improper installation, adjustments, alterations, service or maintenance can cause property damage, injury or death.

Handling

- Use suitable means to move the unit;
 - For smaller items use two people
 - For large items a fork lift, pallet trolley or similar (the forks should reach completely beneath the pallet)

Unpacking

- Check the unit for damage before and after unpacking. If unit is damaged, contact the distributor and manufacturer
- Should any item have physical damage, report the details to the freight company and to the agent responsible for the dispatch within seven (7) days of receipt. No claims will be accepted or processed after this period
- Remove all protective plastic film, ties and packers before installing and operating
- Clean off any remaining residue from the interior/exterior of the unit using a clean cloth dampened with warm soapy water

Disposal

- At the end of the appliance's working life, make sure it is scrapped & components recycled properly
- · Current environmental protection laws in the state/country of use must be observed
- Doors must be removed before disposal
- Power supply cable must be removed before disposal
- For further information on the recycling of this product, contact the local dealer/agent or the local body responsible for waste disposal

Stacked Installation







Positioning



IMPORTANT

Under Bench installation will void warranty

The room where the equipment will be positioned must:

- Be ventilated and not exposed to atmospheric agents;
- Have a smooth, level floor which can bear the weight of the appliance at full load.
- Have a temperature above +4°C;
- Have maximum humidity of 70%;
- · Comply with the regulations in force in terms of safety in the workplace and the systems;
- Not contain potentially explosive materials or substances;
- Be dedicated to food preparation. In addition, a gas-fired appliance requires, by law, rooms with a surface area and ventilation that are suitable for the power of the oven and that have a means of externally evacuating flue gases
- Please consult national and local standards to ensure that your unit is positioned in accordance with any existing requirements
- Do not allow cables or other items to rest/hang over the exhaust vents
- Heat Source: 500mm clearance from an external heat source is required in order to protect the oven control components. For clearances under 500mm, it is mandatory for Stoddart heat shields to be fitted while still maintaining a minimum clearance of 50mm to allow access to the unit. Failure to adhere to minimum clearances may void the oven warranty or add service costs due to lack of access.



Heat Source With Heat Shield





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Service compartment Non-Heat Source: 300mm clearance from a non-heat source to allow access to the service panel. Any distance
under 300mm, will add service costs due to lack of access



- Do not install unit under a bench
- · Please consult national and local standards to ensure that your unit is positioned in accordance with any existing requirements
- Do not allow cables or other items to rest/hang over the exhaust vents





Electrical Connection

Information

WARNING



This unit must be installed in accordance with AS/NZS 60335.1

Some procedures in this manual require the power to the equipment to be turned off and isolated. Turn the power OFF at the power point and unplug the power supply lead by the plug body. If the power point is not readily accessible turn the equipment off at the isolation switch or the circuit breaker in the switchboard. Attach a yellow "CAUTION-DO NOT OPERATE" tag. This must be performed where relevant unless the procedures specify otherwise. FAILURE TO DO SO MAY RESULT IN ELECTRIC SHOCK.

Single Phase GAS Units:

• Supplied and fitted with an appropriately rated plug and lead

Three Phase Units:

A terminal block for on-site connection, by a licensed electrician located inside the service compartment of the unit, indicated as: $-3\emptyset + N + E$

On-site Connection:

- The electrical supply must comply with the rating plate data
- Ensure that the machine is connected to a suitably rated power source
- · Disconnection must be incorporated in the fixed wiring in accordance with the wiring rules
- To connect the power, the unit has a terminal block supplied inside the service compartment

Notes:

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Please contact Stoddart for parts and we will advise how to do this in order to avoid any electrical hazard
- The power cable should be dry and/or isolated from moisture or water





Wiring (KB061WT / KB101WT)

- 1. Remove service compartment cover
- 2. Connect electrical wiring, following the below wiring diagram. After connecting wires, use a multimeter to check active, Neutral & Earth connections
- 3. Reinstall service compartment cover
- 4. Secure wiring cable by fastening the cable gland nut







	KB061WT	KB101WT	KBG061WT	KBG101WT
Weight	92	110	96	118
Power (kW)	7.9kW 415V 3Ø + N + E (3 x 11A)	14.8kW 415V 3Ø + N + E (3 x 21A)	1.3kW 230V 1Ø + N + E 10A Plug and Lead	1.6kW 230V 1Ø + N + E 10A Plug and Lead







Gas Connection (Gas Models Only)



WARNING

This unit must be installed by an authorised person in accordance with this instruction manual, AS/NZS 5601 – Gas installations (installation and pipe sizing), local gas fitting regulations, local electrical regulations, local water regulations, local health regulations, Building Code of Australia and any other government authority.

Connecting the gas

The oven is calibrated originally for operation with the type of gas specified on placing the order. The type of gas for which the oven is adjusted is given on the technical Installation prescriptions The oven installation and commissioning operations must be performed by qualified staff only in compliance with rules and regulations in force. The gas, electrical connections and the installation location of the oven must be in compliance with the regulations and the standards in force.

Model Number	Main Burner	Gas Type	Gas Orifice (mm)	Aeration (mm)	Test Point Pressure (kPa)	Total NGC (MJ/h)	Air/Gas Ratio Adjustment (Turns from fully closed)
KBG061WT	1	Natural	3.3	12.2	10	20.0	5 turns
KBG101WT	1	Gas	3.4	12.2	1.0	40.0	5 turns
KBG061WT	1	Universal	2.7	12.2	2.70	20.0	3 turns
KBG101WT	1	LPG	2.8	12.2	2.70	40.0	4 turns

Note that the air necessary for combustion of the burners is 2 m³/h per kW of power installed. This appliance is suitable for connection with rigid pipe or flexible hose. The isolating manual shut-off valve connection point must be accessible when the appliance is installed.

Natural Gas: the supplied regulator must be fitted to the appliance inlet connection. Gas pressure must be adjusted to 1.00 kPa when the burner is operating at high flame, the appliance test point is located on the regulator.

Universal LPG: the supplied regulator must be fitted to the appliance inlet connection. Gas pressure must be adjusted to 2.70 kPa when the burner is operating at high flame, the appliance test point is located on the regulator.

Rating Plate - Check Before Installation

Confirm that this unit has been tested and approved for the type of gas used at the installation location.







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On-site Commissioning Adjustment

- Ensure the regulator supplied is fitted and the correct inlet gas pressure is adjusted
- From the specification table listed on the previous page please adjust the RQ screw the nominated turns from closed
- Once the unit has been installed and all installation instructions followed please turn the unit on
 - Ensure the cavity is empty of all packaging items
 - Select "Service"
 - Then select "Advanced functions"
 - Enter password "156", pressing dial know to confirm
 - Select "Gas Test"
 - Open the oven door and select "next"
 - Then "next" again until you reach "Testing stage Maximum speed"
 - Testing is completed once the burner is operating continuously without any flame failures
 - Flame failure is likely due to air still being in the gas supply line





Annual service by an authorised person is recommended, or if any of the following conditions are noticed; incomplete ignition, appreciable yellow tipping, carbon deposition, lifting, floating, lighting back or objectionable odour.

Gas Conversion

- Please ensure the unit is the correct gas type for the supplied gas. Gas type is nominated on the appliances rating plate
- Should the appliance require converting to an alternative gas type please contact Stoddart as this must be carried out by an Authorised Service Technician

Ventilation/Extraction

In compliance with the installation regulations, the ovens must be used in premises suitable for the evacuation of combustion products. The oven must be installed under an extraction canopy that meets AS 1668.2. and in accordance with all local council regulations. When the appliance is installed under the extraction hood, check that the following indications are respected:

- The volume extracted must be higher than that of the flue gases generated (see current regulation)
- The material with which the hood filter is made must resist the temperature of the flue gases which, on exiting the appliance, can reach 300°C
- The end part of the appliance flue pipe must be positioned inside the base perimeter projection of the hood



Adjust RQ screw as indicated in the table (Page 9)



Installation



IMPORTANT

Selection of the correct water filtration system to suit local water conditions is CRITICAL. Failure to install the correct system according to the following guidelines will void warranty.

Chloride Test

- 1. Remove Titrator from bottle and replace bottle cap immediatelv
- Insert lower end of the Titrator into water to be 2. tested (approx 20mm of water). DO NOT allow water to touch yellow completion band at top of Titrator
- 3. Allow water to completely saturate the wick of Titrator. Reaction is complete when yellow band turns dark
- Note where the white chloride peak falls on the 4. scale. This represents the unit value
- Refer to the table to convert the Titrator units into 5. salt concentration

* Readings greater than 1.4 (32PPM) require a Reverse Osmosis Unit to be installed

* Readings less than 1.4 (32PPM) require the Total dissolved solids (TDS) be tested

Total Dissolved Solids (TDS) Test

- Remove the cover from the TDS meter, turn on by 1. pressing the On/Off button. The display should read 000
- Insert lower end of the TDS meter into water to be 2. tested (approx 20mm of water). DO NOT completely submerge
- Wait 5-10 seconds 3.
- The number displayed on meter is the TDS (Total 4. Dissolved Solids) of the water expressed in PPM (parts per million) e.g. TDS = 70PPM
 - Contact Stoddart if reading is lower than 20ppm
- 5. When finished, turn the TDS meter off



140

180

7.4

4.0 4.2 4.4 0.025 152 166



487 525

567

613



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Filtration System

• After testing the quality of your water supply use the below chart to determine you water filter requirements.



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Positioning



IMPORTANT

For stacked ovens refer to the stacking installation manual. This manual is provided with all stacking kits

• The oven must be installed under an extraction canopy that meets AS 1668.2.

To allow access to service panel and protection of the control components, the left hand side of the Combi oven must have the following minimum clearances:

Service compartment Heat Source

500mm clearance from another heat source, in order to protect the oven control components and allow access to the service panel. For distances under 500mm, it is mandatory for Stoddart heat shields to be fitted (for a minimum distance of 50mm from the service compartment). Failure to adhere to minimum clearances may void the oven warranty and add service costs due to lack of access

Service compartment Non-Heat Source

50mm clearance from a non-heat source to allow access to the service panel. Any distance under 50mm, may add service costs due to lack of access

- Using a spirit level, ensure that the Combi oven is level. Adjust the foot height to level Combi oven
- If using a stand, level the stand by adjusting the feet, then level the Combi oven











Water Connection - BWT Filter



IMPORTANT

This oven must be installed in accordance with AS/NZS 3500.1 The Oven must be installed with the supplied Dual Check Valve, Water Filter and Pressure Limiting Valves

- Water connections are labelled on the oven
- Isolation valve must be installed at the water supply outlet
- Water Temperature: Min 10°C, Max 35°C
- Steam Generation: The Combi oven requires filtered water supplied to its steam generation system. Water pressure must be 150-350 kPa (22-51 psi) at oven connection. This is controlled with the supplied PLV
- Wash System: The Combi oven requires unfiltered water supplied to its wash system. Water pressure must be 150-350 kPa (22-51 psi) at oven connection. This is controlled with the supplied PLV
- Refer to the BWT user manual for filter setup

Supplied Components

(Plumbing Kit / Water Filter Kit)

- A. 1 x BWT Filter
- B. 1 x Dual Check Valve
- C. 1 x 4 Way Manifold
- D. 3 x 3/4" BSP To 3/8" Tube Connector
- E. 1 x 1/2" BSP To 3/8" Tube Connector
- F. 2 x 3/8" John Guest Stem Elbow
- G. 2 x Pressure Limiting Valve 300-350 Kpa
- H. 1 x Nipple, 3/4" Male
- I. 1 x 3m 3/8 Tube (Water)
- J. 12 x John Guest Locking Clip





Water Connection - Reverse Osmosis Filter

IORIK



IMPORTANT

This oven must be installed in accordance with AS/NZS 3500.1 The Oven must be installed with the supplied Dual Check Valve, Water Filter and Pressure Limiting Valves

- Water connections are labelled on the oven
- Isolation valve must be installed at the water supply outlet
- Water Temperature: Min 10°C, Max 35°C
- Steam Generation: The Combi oven requires filtered water supplied to its steam generation system. Water pressure must be 150-350 kPa (22-51 psi) at oven connection. This is controlled with the Stoddart RO system
- Wash System: The Combi oven requires unfiltered water supplied to its wash system. Water pressure must be 150-350 kPa (22-51 psi) at oven connection. This is controlled with the supplied PLV
- Refer to the RO user manual for filter setup

Supplied Components (Plumbing Kit / Water Filter Kit)

- A. 1 x Ro Unit
- B. 1 x Dual Check Valve
- C. 1 x 4 Way Manifold
- D. 3 x 3/4" Bsp To 3/8" Tube Connector
- E. 1 x 1/2" Bsp To 3/8" Tube Connector
- F. 2 x 3/8" John Guest Stem Elbow
- G. 1 x Pressure Limiting Valve 300-350 Kpa
- H. 1 x Pressure Limiting Valve 350-600 Kpa
- I. 1 x Nipple, 3/4" Male
- J. 1 x 5m 3/8 Tube (Water)
- K. $1 \times 3m 1/4$ Tube (Drain)
- L. 11 x John Guest Locking Clip







Drainage Connection - Gas Ovens: KBG061WT / KBG101WT



GAS OVENS MUST NOT BE STACKED

IMPORTANT

- 40mm Ø drain kit is supplied with oven as illustrated. Any modification or extension to the kit must be able to resist temperatures up to 100°C
- Drain pipes must be directed to the tundish (Drain Kit Supplied). Drain pipe must sit 25mm above the tundish
- Secure drain pipe to the Combi oven outlet located on the back bottom left of the unit



Due to continuous product research and development, the information contained herein is subject to change without notice.





Liquid Detergent Connection



IMPORTANT

Stoddart recommended oven cleaner should be used. Other products may lead to voidance of warranty!

- Connect the Stoddart recommended oven cleaner (See order form)
- Place oven cleaner bottle in close proximity to the oven (for optional side mount bracket, see order form)
- Cleaning products must not exceed 10% Sodium Hydroxide. Exceeding 10% Sodium Hydroxide will void warranty
- Wear appropriate PPE



Optional Magnetic Hand Shower Holder

• Position the magnetic hand shower holder over the top edge of the oven, in a convenient location





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Optional Condensate Hood - CEH.KOR.11.1

For further information on installing/operating the Condensate Hood refer to the user manual supplied with condensate hood.

Electrical Connection



Information

Supplied with an appropriately rated plug and lead fitted and be indicated as:

- 6 pin plug & lead fitted
- Position the compact hood on top of the oven
- Connect the 6 pin plug to the 6 pin plug located on the back of the oven
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Please contact Stoddart for parts and we will advise how to do this in order to avoid any electrical hazard
- The power cable should be dry and/or isolated from moisture or water





WARNING

Some procedures in this manual require the power to the equipment to be turned off and isolated. Turn the power OFF at the power point and unplug the power supply lead by the plug body. If the power point is not readily accessible turn the equipment off at the isolation switch or the circuit breaker in the switchboard. Attach a yellow "CAUTION-DO NOT OPERATE" tag. This must be performed where relevant unless the procedures specify otherwise. FAILURE TO DO SO MAY RESULT IN ELECTRIC SHOCK.

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Plumbing Connections



This unit must be installed in accordance with AS/NZ 3500.1

IMPORTANT

Information

- 1. Connect the supplied red silicone tube to the oven vent and exhaust hood vent, secure with two hose clamps
- 2. Connect the 25mm drain hose to the exhaust hood drain, secure with one hose clamp
- 3. Cut the oven wash system line after the PLV. Insert the two cut ends into the water connection T-Piece pre-installed to the hood.



1. - Exhaust Vent Connection







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Oven Commissioning

Before putting the oven into operation, carefully carry out all the necessary checks to ascertain the conformity of the equipment and installation of the appliance as provided by law and according to the technical and safety instructions given in this manual. Check the compliance of the following:

- The ambient temperature in the location where the oven is installed should be greater than + 4°C
- The oven chamber should be empty
- · All packaging must have been completely removed, including the protective film applied to the oven's walls
- The vents and slits should be open and free of obstructions
- · Any parts of the oven that were disassembled for installation purposes should be reinstalled
- The unit should be off and the water shut-off valve upstream of the unit must be opened

Testing

The oven should be tested by completing a cooking cycle to verify that the equipment works properly, without any anomalies or problems.

Turn on the oven (See Page 24)

Set a cooking cycle with temperature to 150°C, time set to 10min and humidity to 25% (See "Manual Cooking" Page 25). Press "Start/Stop".

Carefully check the points given in the following list:

- Press the "LED Door Light" icon (See Page 24), the LED door lights illuminate the oven chamber, press again to turn off
- The oven will stop if the door is opened and starts to work when the door is closed
- The thermostat that regulates the temperature in the cooking chamber is triggered when the set temperature is reached and the heating element is shut off temporarily
- The fan motor reverses the direction of rotation automatically; reversal takes place every 3minutes (time varies depending on the cooking time)
- For the ovens with two fans in the cooking chamber, the motors have the same direction of rotation
- · Check for water leaks in the direction of the fan fitted on the tube that inputs moisture in the oven chamber
- At the end of the cooking cycle the oven emits an audible warning

Gas Oven Operating

Gas leakage and operation of the appliance must be tested by the installer before leaving. If the appliance fails to operate correctly after all checks have been carried out, Contact the Stoddart service department.

When the gas burner is operating the display screen will show a flame.







Technical Specifications

General Drawing - KB061WT





Specifications	
Model	KB061WT
W x D x H (mm)	519 x 865 x 792
Weight	92kg
Capacity	6 X 1/1GN
Power	7.9 kW
	415V 3Ø + N + E
	(3 x 11A)
Waste Connection	40mm
Cold Water Connection	3/4 BSP
	150-350 kpa

Legend

- A Electrical connection
- **B** Steam generation water inlet (3/4" BSP)
- **C** Wash system water inlet (3/4" BSP)
- D Drain connection
- E Humidity vent
- F Detergent & rinse aid inlet







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General Drawing - KB101WT



Specifications Model KB101WT W x D x H (mm) 519 x 865 x 1032 Weight 110kg Capacity 10 X 1/1GN Power 14.8 kW 415V 30 + N + E(3 x 21A) Waste Connection 40mm **Cold Water Connection** 3/4 BSP 150-350 kpa

Legend

- A Electrical connection
- **B** Steam generation water inlet (3/4" BSP)
- **C** Wash system water inlet (3/4" BSP)
- D Drain connection
- E Humidity vent
- F Detergent & rinse aid inlet

Due to continuous product research and development, the information contained herein is subject to change without notice.





General Drawing - KBG061WT







Specifications	
Model	KBG061WT
W x D x H (mm)	519 x 897 x 792
Weight	96kg
Capacity	6 X 1/1GN
Gas (Natural / Universal	1/2 BSP, 20MJ/Hr
LPG)	
Power	1.3 kW
	230V 10A plug &
	lead fitted
Waste Connection	40mm
Cold Water Connection	3/4 BSP
	150-350 kpa

Legend

- A Electrical connection
- **B** Steam generation water inlet (3/4" BSP)
- **C** Wash system water inlet (3/4" BSP)
- **D** Drain connection
- E Humidity vent
- F Detergent & rinse aid inlet
- **G** Gas emission exhaust
- H Gas inlet (1/2" BSP)





General Drawing - KBG101WT





Specif	ications			
Model		KBG101WT		
WxD	x H (mm)	519 x 897 x 1072		
Weigh	t	118kg		
Capac	ity	10 X 1/1GN		
Gas (N	latural / Universal	1/2 BSP, 40MJ/Hr		
LPG)				
Power		1.6 kW		
		230V 10A plug &		
		lead titted		
Waste	Connection	40mm		
Cold V	Vater Connection	3/4 BSP, 150-350		
		kpa		
Legend				
Α	Electrical connection			
В	Steam generation wa	ter inlet (3/4" BSP)		

- C Wash system water inlet (3/4" BSP)
- Drain connection
- D
- Ε Humidity vent
- F Detergent & rinse aid inlet
- G Gas emission exhaust
- Gas inlet (1/2" BSP) Н

Due to continuous product research and development, the information contained herein is subject to change without notice.





General Overview

Control Interface

- A. Start-up and Shut-down: Press the top section of the switch to turn the oven on, Press the bottom section of the switch to turn the oven off
- B. Touch Screen: The operating parameters of the appliance are set and displayed on this screen
- C. Navigation Dial: The dial is used to set the values on the screen. If the dial is pressed, the value entered is confirmed
- D. Manual Cooking: Recipe settings are entered manually
- E. Recipe Book: Default and saved recipes
- F. Chamber Light: Turns the oven chamber light on/off
- G. Settings: View/change oven settings



Gas Burner (Gas Models Only)

When the gas burner is operating the display screen will show a flame.





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No Gas Alarm - Reset

After three failed attempts to ignite the burner, an alarm screen appears on the display. When the screen appears, push the navigation dial for one second to reset the oven. After the reset, the appliance will make three more ignition attempts; if still no gas is detected, the alarm screen will reappear.

In this case, check that the gas shut-off valve upstream of the oven is open and active.

If these attempts are unsuccessful, Contact the Stoddart service department.



Cooking Methods

To cook varying types of food to perfection, a sequence of different cooking methods should be used.

Cooking Method		Temperature Range	Humidity Input	Humidity Extraction	Uses
\$ \$\$	Convection Cooking: Convection cooking uses the dry heat of the heating elements that the fans spread at a variable speed to ensure quick and even cooking.	30°C to 300°C	Manual input: By pressing and holding the humidity icon during the cooking cycle	Open or closed flue	Dry confectionery cooking Frozen food cooking External browning of foods Food grilling
\$	Combi Cooking: Food is cooked with a humidity percentage set by the user. Ventilation inside the cooking chamber ensures quick and even cooking.	30°C to 270°C	Input: 0% to 100%	Open or closed flue	Cooking of the dishes that must remain soft inside (e.g. Poultry) Leavening
B	Steam Cooking: Food is cooked using steam, which is evenly spread by the fans at a variable speed.	30°C to 120°C	100% fixed humidity (Cannot be adjusted)	Flue vent always closed	Vacuum cooking (sous-vide) Cooking of delicate dishes Cooking of creams and sauces Pasteurisation Regeneration Leavening
R	Smoking It allows the user to set a type of cooking suitable for using a smoking device (optional, contact the Stoddart sales department).	10°C to 200°C	No Input (Humidity cannot be added)	Open or closed flue	Meat cooking
┢╸	Keep Warm: Keeps the temperature of the cooked food constant for a set or indefinite time	30°C to 120°C	Input: 0% to 100%	Flue vent always closed	Keeping cooked food warm

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How to access the oven and browse

Two touch keys switch the display on and off, the touch screen allows for quick and user-friendly browsing and the navigation dial allows cooking parameters to be set quickly.



These keys switch the display on and off but do not power off the oven. Display activation: press ON Display deactivation: press OFF



To isolate the oven, switch off at the circuit breaker or isolation switch.

- Browse through the touch screen. When a value needs to be set, e.g. a temperature, Touch the value to be changed A.
- Turn the navigation dial to the right to increase the value or to the left to decrease it B.
- C. Press the navigation dial to save the set value



Touch screen display

Navigation Dial

The symbols on the right-hand side of the display have the following functions:



Home: · Return to home screen

Settings menu:

- Save or modify a recipe じ む む
 - · Select and start a wash cycle
 - Cool off the chamber;
 - Access settings (e.g. language, time, etc.)



Delayed start:

Set a delayed start



· Switch the light in the chamber on/off



· Return to the previous screen





Setup

Initial Settings - Date and Time / Language

Before commencing cooking, the initial setup needs to be entered, such as Time/Date and Language.

- A. Press "Settings"
- B. Press "Service"
- C. Press "Configuration"
- D. Select either "Date and Time" or Language
- E. Press "+" or "-" to set the date (day month year, e.g. 26 March 2019) and the time (e.g. 15 and 50 minutes)
- F. Press "OK" to confirm the settings
- G. Set the time zone by selecting your geographic area (e.g. Australian EST (GMT + 10)



Note: If the oven is connected to a network, the oven can be set to automatically change to daylight savings time.

- "1": the time is updated automatically, increasing or decreasing by one hour during the daylight savings period
- "2": the time remains unchanged (the time can be manually adjusted if required)

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Other settings



It provides information about the installed firmware

Set the volume of the buzzer (drag the white bar to the right to increase it). Press "Save" to confirm.



Press "Save" to confirm.





Manual Cooking

Initial Settings

It is possible and easy to create customised cooking programs that can have up to 9 different phases plus pre-heating.

Every cooking phase is represented by a cooking mode (convection, mixed, steam, etc.) with specific time, humidity, ventilation parameters, etc. For example: for a roast dish, a program can be created that contains a browning phase, a cooking phase and a hold phase.

Set the cooking parameters for one or more cooking phases. Once these settings are saved, a recipe can be started without saving (the entered parameters are not saved) or start a recipe after saving it (for future use).





Manual cooking cycles require the following actions:

- Setting a manual pre-heating function (optional)
- PHASE 1 parameter settings
- Selecting the cooking method: convection / steam / combi
- Setting the temperature in the chamber
- Setting the duration of the cooking cycle (by setting the time or using a core probe)
- Setting fan speed
- Humidity input/extraction (depending on the cooking cycle chosen)
- Setting additional cooking phases (optional)
- Saving the recipe (optional)
- Starting a recipe

Selecting The Cooking Method

Select the cooking method required, by touching the relative icon (convection cooking mode in the example).











Selecting The Temperature

Choosing the correct cooking temperature is essential to achieve optimal results. To set the temperature:

- A. Touch the "temperature" field
- B. Turn the navigation dial to select the desired temperature
- C. Press the navigation dial to save the set value



Setting Preheating

The preheating function is recommended for achieving optimal cooking results. This function can be toggled on or off by moving the 0/l cursor to the top right. Cursor on:

- "0":
- phase 1 starts immediately skipping the preheating stage. "[": preheating is enabled. The oven manages the temperature automatically based on the temperature you have set for phase

As soon as this temperature is reached, the oven emits an audible beeping and a window opens to indicate that the oven is ready to load. When the door is closed, phase 1 automatically starts according to the set parameters.







Time Setting:



Time setting:

The cooking cycle stops automatically when the set time expires, range: 1 - 599 minutes (10 hours)

To set the time duration, choose whether to set the cooking by the time or with core probe or Delta T by touching the symbol (the example shows the end of cooking with core probe).

- A. Select "Time"
- B. Touch the value field to set the cooking minutes or the temperature to be reached by the core probe
- C. Turn the navigation dial to adjust the temperature value
- D. Press the navigation dial to save the set value



Note: To make the oven works continuously, Touch the time field and turn the navigation dial to the left until the display shows INF. If the Delta T function is required, set the temperature of both the core probe and Delta T.

Core Probe:



Core probe:

the cooking cycle stops automatically when the temperature measured by the probe inside the food reaches the set value

To set the time duration, choose whether to set the cooking by the time or with core probe or Delta T by touching the symbol (the example shows the end of cooking with core probe).

- A. Select Core probe
- B. Touch the value field to set the cooking minutes or the temperature to be reached by the core probe
- C. Turn the navigation dial to adjust the temperature value
- D. Press the navigation dial to save the set value



Note: When not in use, place the probe back into the magnetic support on the left side of the oven. At the end of the cooking cycle, take care to remove the probe from the core before taking the tray out of the oven. The core probe is very sharp and it reaches high temperatures after cooking, do not pull the probe by the connection wire to remove it. Do not insert the hot probe in frozen food to prevent thermal shock to the probe, which can cause the probe to become damaged.

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Delta T(∆t):



Delta T(∆t):

During the cooking cycle, the oven increases or decreases the cooking chamber's temperature automatically to keep the Delta T (Δ t) value constant (e.g. 30°C). These cooking cycles are perfect for cooking meat slowly and at low temperatures to keep it soft and tender without losing excessive weight.

Delta T (Δt) = Temperature in the chamber - (minus) Probe core temperature

The Delta T(Δt) function is used mainly for slow, low temperature cooking.

In Delta T(Δ t) mode, the product core temperature is set and the chamber temperature is set between 15°C - 30°C higher. As the core temperature rises, the temperature in the chamber will increase maintaining the set difference. **Note:** A probe must be used for the Delta T(Δ t) function.

To set the time duration, choose whether to set the cooking by the time or with core probe or Delta T by touching the symbol (the example shows the end of cooking with core probe).

- A. Select Core probe then press the Delta T icon
- B. Touch the value field to set the core probe temperature and the oven temperature (between 15°C 30°C higher than the core probe)
- C. Turn the navigation dial to adjust the temperature value
- D. Press the navigation dial to save the set value

Core Probe / Delta T:



Note: When not in use, place the probe back into the magnetic support on the left side of the oven. At the end of the cooking cycle, take care to remove the probe from the core before taking the tray out of the oven. The core probe is very sharp and it reaches high temperatures after cooking, do not pull the probe by the connection wire to remove it. Do not insert the hot probe in frozen food to prevent thermal shock to the probe, which can cause the probe to become damaged.

Dishes	Recommended Core Temperature	Dishes	Recommended Core Temperature
Beef tenderloin	53-58°C	Porchetta (pork roast)	68-75°C
Beef	From 50 °c to 55 °c: rare	Lamb sirloin	58-65°C
(Ribs, entrecote, steaks)	From 66 °c to 70 °c: well done	Chicken - turkey (whole)	85-87°C
Pork fillet	58-64°C	Salmon (fillets)	58-65°C
Roast veal	72-75°C	Shin of pork/ribs	80-85°C



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Fan Rotation Speed

To set the fan speed:

- A. Touch the fan field;
- B. Turn the navigation dial to adjust the temperature value
- C. Press the navigation dial to save the set value



Note: For best cooking results, the fans reverse the rotation direction periodically. The oven manages this phase based on the cooking time set without the need for setting anything else.

Humidity

When using convection cooking, choose for the flue to be opened or closed. When using Combi or Steam cooking methods, the humidity value must be set.

To set humidity input/extraction:

- A. Touch the humidity/extraction field
- B. Turn the navigation dial to adjust the temperature value
- C. Press the navigation dial to save the set value



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Type of cooking	Humidity input	Humidity extraction
Convection	Manual input By pressing and holding the humidity icon during the cooking cycle	Closed flue
Combi	Adjustable from 0% to 100%	The oven opens and closes the flue vent automatically
Steam		Flue vent always closed



04:17

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2

80%

START

Setting additional cooking phases (optional)

After setting all phase 1 parameters additional cooking phases can be set if required. Up to 9 cooking phases can be programmed, (each cooking phase can be used for different cooking methods and parameters).

Note: If phase 1 is set to INF, the oven runs continuously, this means that extra phases cannot be added.

To set other additional phases:

- A. Touch the field "+ NEW PHASE"
- B. Set the new phase, as shown in previous pages



C. After this setting is complete, a list of the latest two set phases (e.g. phase 3 and 4) appears. Touch any phase to display them all



\$	Manual		04:19 10/05/19
0	Pre-heat		
1 😽	👂 👃 150° 🦯	75° 券 🚛 🚺 😗	80% 🕥
2 💔	50° 🕑	4' 🐝 🚛 🔟 🛛 🗮	100 100
з 💔	50° 🕑	60' ∰ _ ∎∎∏ []#	
4 <mark>\$</mark>	50° 🕑	60' % _∎∎Ω	
		STAR	5

75°

INF

DEL PHASE

To Delete a Phase

- A. Touch the phase to be deleted
- B. Touch the "DEL PHASE" field. The phase is then removed from the list

0 ● Pre-heat 1 50° ● 75° ● 80% 2 ● 50° ● 4° ● 10° ● 10° 3 ● 50° ● 60° ● 10° ● 10° 4 ● 50° ● 60° ● 10° ● 10°	04 10/0			Manual	P
1 150° 75° 80% 2 1 50° 4° 110° 3 50° 60° 110° 14° 4 50° 60° 110° 14°				Pre-heat	0
2 ∭ 50° 4' ∰	ľ	🚯 80%	75° 🛞 🚛	👃 150° 🦯	1 5
3 ∭ ↓ 50° ⊘ 60' ∰	1 5	<u></u>	4' 券 "∎⊡	Ġ 50° ⊘	2 ∭
₄ <mark>≶ ↓ 50° €</mark>) 60' ∰ ₌∎∭ ₩	Å	- <u>W</u> -	60' % " II	↓ 50° 🕑	з ∭
			60' 🖑 🚛 🗍	↓ 50° (>)	4 <mark>\$</mark> \$
START		START			







Holding Phase

The holding phase is usually the last phase to be set, with the purpose of maintaining the products at or above the food safe temperature (> 65° C) without cooking the product.

The holding phase, by default has the humidity set at 20% and the fan speed set at 1. For effective holding, it is recommended not to adjust the fan speed. When holding roasted products, a humidity setting of 20% - 35% is recommended, in the case of brazing or stewing, a humidity setting of 90% - 100% is recommended.

To set a holding phase:

- A. Touch the field "+ NEW PHASE"
- B. Set the new phase by selecting the relative icon and setting it as described for phase 1 in the previous pages
- C. To modify the hold phase, click on the cooking mode button (2) and select HOLD.

NEW PHASE

DEL PHASE

START







Setting New Phases With Text Messages

A phase can only contain one text message (e.g. check the cooking process or add bacon).

- A. Select the text icon
- B. Touch the "Enter message" field
- C. Select the message among those available (e.g. "add salt") by touching on it or create a new message
- D. Using the pop-up keypad clicking "Enter" to confirm



Note: While the message is displayed, the oven keeps running with the set temperature until "Done" is pressed (If programmed, the next phase will start).







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Saving a Recipe (optional)

Once the cooking method has been set, it is good practice to save the recipe, assigning search parameters and a name.

- A. Touch the icon on the right
- B. Touch the "Save program" icon
- C. Touch the "Save" icon
- D. Choose the search parameters to assign to the recipe (this will help to find it easily in the future). Press "FORWARD" to confirm
- E. Assign a name to the recipe using the keypad (e.g. "Lasagne") press ENTER to confirm
- F. Depending on the type of cooking method, the oven may ask to indicate the type of colouring, humidity percentage or cooking level (e.g. cooking method: ROAST), Touch the symbol and set the desired value

Note: The recipe can be started immediately by touching the "Start" key, or exit the window using the 🖄 key, to be used later.











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www.stoddart.com.au www.stoddart.co.nz ENTER



Saved Recipes

Recipes will be saved in the Automatic Cooking section (Recipe book/Cooking methods) under the default recipes (shown in alphabetic order).

Saved recipes, unlike default recipes, can be modified at any time (names / parameters). This will permanently overwrite the recipe.



PASTA & RICE			04:39 10/05/19
	Bolliti misti		
	Bread dumplings		
	Cannelloni		
	Crepes au gratin		
	Fried rice		
	Lasagne	V.	-0-
	Paella	V	
	Pan fried noodles		2

Start Recipe

Once recipe has been set and saved (optional) press "Start" to begin program.

- If preheating is active (0/I on "I"), do not introduce food into the oven chamber until the audible sound is emitted
- If preheating is not active (0/I on "0"), immediately introduce the food into the oven chamber

As soon as the oven door is closed, cooking phase 1 starts according to the set parameters. At the end of phase 1, the subsequent phases (if any) start immediately.

P	Manual	04:17 10/05/19
0	Pre-heat	Å
	↓ 150° ‰ ∎	80%
	DEL PHASE	START

Current temperature in the cooking chamber. To know the set temperature, touch the "set" button



Time remaining until the end of the cooking cycle (if set by the time) or temperature measured by core probe (if set with the core probe). To know the set value, touch the "set" button



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The cooking cycle will end when the set time elapses (end of timed cooking) or when the core temperature or Delta T temperature is reached (end of cooking with core probe or Delta T).

At the end of the cooking cycle, the audible sound is emitted and a window will pop up indicating cooking has completed and to remove the trays from the chamber.



The same cooking method is available after the finished dish is removed from the oven.

- If necessary, restart it by pressing "Start"
- To pause a cooking cycle earlier, press "Stop"

To make changes during a cooking cycle, touch the parameter to be changed and turn and press the navigation dial.





Special Functions

Cooling Of The Chamber

Before starting a recipe, the chamber can be cooled before cooking foods that require a lower temperatures or before a wash cycle. No function can be used when the cooling cycle is in progress.

The cooling cycle can be carried out with the door closed or open. It is recommend keeping the door closed until the temperature has dropped.



CAUTION

Hot Steam and Water Risk of Scalding Take care when opening oven door during the cooling cycle

To cool the oven chamber:

- A. Press "Settings"
- B. Select "Cooling"
- C. Touch "Start" for the cooling cycle to begin







Operation



Delayed Start

If required, once a recipe is open, a delayed start time can be set.

- A. Select the date and time icon
- B. Set the date and time for the delayed start to begin
- C. Press "OK" to confirm





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Automatic Cooking

Recipe Selection

The recipe book contains pre-set and customised recipes.

Recipes can be categorised by cooking methods (e.g. steam, braise, etc.) or categories (e.g. pasta & rice, meat, etc.). To switch between these two search methods, touch the "Recipe book/cooking methods" icon.



Cooking Methods

Recipe Book

How To Use The Automatic Cooking Program

- A. Select the cooking method/category containing the recipe required (e.g. steam)
- B. Select the required recipe (e.g. Boiled beef)
- C. Based on the recipe, choose the colouring, humidity percentage or the cooking level by touching the symbol and setting the desired value
- D. (Optional) apply changes to the cooking parameters (e.g. increase the temperature) by touching the lock at the bottom and change the parameters by touching the field of interest, turning the navigation dial and pressing it to save the entered value
- E. Begin the cooking cycle by pressing"Start".
 - Where applicable, wait for the end of the preheating phase before introducing the food to be cooked





Default Recipes

The changes applied are temporary, i.e. they apply only to the cooking cycle to be started. The original recipe will keep its initial parameters.

Custom Recipes

The changes applied are permanent, i.e. the original recipe will be changed without giving the possibility to recover the previous parameters.



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Special Automatic Cooking Programs

Regeneration

The Regenerate function brings pre-cooked and vacuum-packed food, as well as food stored in a cold room, to the ideal temperature and appearance.

The regeneration function can be set two ways:



Ideal for lasagne, crepes, and potatoes.



SOFT

TIME

CRISPY

Ideal for delicate products, such as fish, roasts, or vegetables.

The duration of the regeneration cycle can be set two ways:



The cooking cycle stops automatically when the set time expires (range: from 1 minute to 40 hours)



CORE PROBE

The cooking cycle stops automatically when the set temperature value for the probe inside the food has been reached

Regenerate:

- A. Press "Regenerate"
- B. Select "Manual"
- C. Select "Crispy" or "Soft"
- D. Select "Time" or "Core Probe"
- E. Turn the navigation dial to adjust the temperature value
- F. Press the navigation dial to save the set value
- G. Touch "Start" for the regeneration cycle to begin



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Rack Control - Manual Setting

Manually set timers for each tray (up to 6 or 10 depending on the oven model).

- Once cooking parameters have been set, up to 10 timers can be manually set (each one is assigned to a tray)
- Timers can be set by "Time" and/or one timer can be set using "Core Probe"
- As soon as the set time elapses (if duration is set by the time) or the core probe reaches the set temperature, an audible sound will be
 emitted and the message "End" will display to warn the operator about which trays are ready to be removed from the oven, while the
 others keep cooking (the oven runs in INFINITE MODE)

Manual Setting:

- A. Press "Rack Control"
- B. Select "Manual"
- C. Enter the cooking parameters
- D. Select a tray
- E. Select "Time" or "Core Probe"
- F. Turn the navigation dial to adjust the value
- G. Press the navigation dial to save the set value to the selected tray. Repeat for the required amount of trays
- H. Touch "Start" for the rack control to begin
- I. The countdown timers start
- J. Trays showing "END" can be removed from the oven













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Rack Control - Menu Setting

Pre-set menus (e.g. breakfast, multibaker, etc.), where typical dishes are already loaded with timers already assigned

- Once the cooking parameters have been set, select a menu containing dishes with assigned timers.
- This allows the menu to be customised based on the users requirements
- As soon as the set time elapses (if duration is set by time) or the core probe reaches the set temperature, an audible sound will be
 emitted and the message "End" will display to warn the operator about which trays are ready to be removed from the oven, while the
 others keep cooking (the oven runs in INFINITE MODE)

Manual Setting:

- A. Press "Rack Control"
- B. Select the customised menu e.g. "Breakfast"
- C. Enter the cooking parameters
- D. Select a tray
- E. Select a menu item to be assigned to the selected tray e.g. "Toast", or press "+NEW" to create a new menu item Repeat for the required amount of trays
- F. Touch "Start" for the rack control to begin
- G. The countdown timers start
- H. If needed the pre-set timers can be adjusted. Select the tray to be adjusted. Select "Time" or "Core Probe"
- I. Turn the navigation dial to adjust the value
- J. Press the navigation dial to save the set value to the selected tray
- K. Trays showing "END" can be removed from the oven







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Rack Control - Easy Service

Once the cooking times for each tray have been set (see points - manual setting or menu setting), the EASY SERVICE function can also be selected.

In this case, the dishes will be ALL ready at the same time, as the oven will warn the operator when it is time to put a tray in the oven cavity, based on the duration of the cooking cycle set for each tray.

Manual Setting:

- A. Press "Rack Control"
- B. Select the customised menu e.g. "Breakfast"
- C. Enter the cooking parameters
- D. Select "Easy Service"
- E. Select menu items. Menu items will be assigned to trays in the order starting at 1 in the order selected
- F. Touch "Start" for the rack control to begin
- G. The countdown timers start. To have the trays ready at the same time, place the "IN" tray into the oven first (add each additional tray as required)
- H. If needed the pre-set timers can be adjusted. Select the tray to be adjusted. Select "Time" or "Core Probe"
- I. Turn the navigation dial to adjust the value
- J. Press the navigation dial to save the set value to the selected tray





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Importing / Exporting Recipes and Log To USB

Files can be imported/exported (in FAT32 format) to a USB stick. The USB port is on the front of the oven and is visible when the oven door is open.

Recipes:

• Saved recipes, including altered default recipes can be imported or exported

Logs:

Logs are a list of the events occurred, e.g. wash logs provide information about the type of wash, date and time in which it was carried out.

- HACCP;
- Of the alarms triggered;
- Of the wash cycles carried out.

Import / Export

- A. Insert USB into the USB Port
- B. Enter the settings menu
- C. Touch "Service"
- D. Touch "Import / Export"
- E. Select one of the options from the Import or Export menu. e.g. "Export Recipe Book"
- F. Touch "Start" to begin the file transfer to USB







Display LOG

To display the Logs only:

- A. Enter the settings menu
- B. Touch "Service"
- C. Touch "Display Log"
- D. Select "Alarms Log" or "Wash Log"



HACCP Protocol

HACCP (Hazard Analysis and Critical Control Points) is an internationally recognised method of identifying and managing food safety, through the use of preventative procedures that ensures hygiene and health in food.

This protocol begins with the analyses of the possible risks of bacterial, chemical and physical contamination in every stage of the food production process, including storage, distribution and consumption of the finished product.

HACCP identifies the critical points where contamination is more likely to occur. Based on these results, specific procedures are studied and applied to constantly monitor every stage of the food process to prevent hazards.





Cleaning

Cleaning Schedule

- Daily cleaning is required for the oven, to help maintain and prolong the efficiency of the oven
- The oven should be cleaned at the end of each work day
- DO NOT USE: Wire brushes, steel wool/sponges, scrapers or other abrasive materials
- Wait for the oven chamber to cool down before cleaning. Must be under 100°C

Materials Required

- Stainless Steel Cleaner
- Non Abrasive Cleaning pad

- Warm soapy water
- Appropriate PPE (Personal Protective Equipment)

Clean Sanitised Cloth

General Information

- Cleaning is recommended for health and safety purposes and to prolong the life of the unit
- DO NOT use abrasive pads or cleaners on the stainless steel or any other metal parts of the unit
- **DO NOT** use industrial chemical cleaners, caustic based cleaners or bleaches and bleaching agents, as many will damage the metals and plastics used on this unit
- DO NOT remove any screws and/or panels for cleaning (unless directed)
- This unit is NOT waterproof, DO NOT hose, DO NOT pour water directly onto the unit, DO NOT immerse in water

Corrosion Protection

- · Stainless steel exhibits good resistance to corrosion however, if not properly maintained stainless steel can rust and/or corrode
- Any sign of mild rust and/or corrosion should be thoroughly cleaned with warm soapy water and dried as soon as possible
- NEVER use abrasive pads or cleaners for cleaning
- All metal surfaces should be checked while cleaning for damage, scuffs or scrapes as these can lead to rust and further damage to the product
- Mild rust and/or corrosion can be treated with a commercial cleaning agent that contains citric/oxalic/nitric/phosphoric acid.
 DO NOT use cleaning agents with chlorides or other harsh chemicals as this can cause corrosion.
 After treatment, wash with warm (not hot) soapy water and dry thoroughly
- Thoroughly wipe the surfaces dry after cleaning. DO NOT let water pool on the unit. Check crevices and folds for pooling
- When using, ensure all liquids and moisture is cleaned up straight away. Food liquids such as juices from vegetables and fruits should not be left on preparation surfaces
- **DO NOT** leave items on the stainless steel such as cutting boards, rubber mats and bottles

Surface Finish

- To protect the polish, stainless steel should be dried by wiping a dry soft cloth in the same direction as grained polished finish
- For NON-food contact surfaces, a light oil can be wiped on the surfaces with a cloth to enhance the stainless steel surface. Wipe in the direction of the grain
- Some commercial stainless steel cleaners can leave residue or film on the metal; this may trap fine particles of food on the surface, thus deeming the surfaces not food safe



IMPORTANT

Threaded fasteners can loosen in service. Regular inspection and adjustment should be carried out as required



Some commercial stainless steel cleaners leave residue or film on the metal that may entrap fine particles of food, deeming the surface not FOOD SAFE



WARNING

This unit is NOT waterproof, do NOT hose. DO NOT pour water directly onto the unit. DO NOT immerse in water

WARNING

Wait until the unit has cooled to a safe temperature before undertaking any cleaning or maintenance. Contact with hot surfaces can cause burns and serious injury







Automatic Cleaning

There are four options when selecting a automatic wash program.

SOFT	٥	55 minutes	light dirt
NORMAL	0	1 hour and 10 minutes	normal dirt
HARD	00	1 hour and 10 minutes (wash tablets) 1 hour and 20 minutes (wash using a liquid detergent) intense	
RINSING Program	The rinse program does not involve the use of detergents but you can decide whether to use the rinse agent or not.		

To select a automatic wash program.

- A. Enter the settings menu
- B. Touch "Wash"
- C. Select appropriate wash program e.g. Hard Wash
- D. Select the required detergent (liquid or in tablets). If tablets are selected, place tablets directly onto drain grill on floor of oven
- E. Select the required rinse agent (white vinegar, organic rinse agent, none)
- F. Press "Start"



Note: Stoddart recommends using the Stoddart supplied tablets or liquid detergent, specific for your oven. Use of non-approved or recommended chemical will void warranty.

Note: Stoddart recommends using the Stoddart supplied rinse agent/descaler, specific for your oven. The use of white vinegar is allowed but the results on glass surfaces will not be as shiny and transparent.

Using the Stoddart supplied rinse agent/descaler, will allow the boiler's automatic descaling/cleaning function to be carried out (this operation is carried out simultaneously with the oven's wash program).



Due to continuous product research and development, the information contained herein is subject to change without notice.



Start the Wash Program



During a wash cycle, do not open the oven's door: Risk of injuries and intoxication due to vapours

IMPORTANT

Start the wash program by touching "Start"

Depending on the options selected, some windows will prompt the operator to clean the chamber gasket using a soaked cloth, add the tablets or check the level of detergent and rinse agent.

• If the detergent and/or rinse agent tanks need to be replaced, select the relative key:

🚞 🚞 Both replaced	Both the liquid detergent and rinse agent/descaler tanks have been replaced.
Detergent replaced	The liquid detergent tank has been replaced
Rinse agent replaced	The rinse agent/descaler tank has been replaced

A window will indicate the progress of the wash program (divided into four stages):

Pre-wash	A "wet" steam phase is carried out without using a detergent to soften coarse residue.		
Wash	The wash cycle using a detergent		
Rinse	Rinsing of the chamber (three cycles + one using rinse agent, where applicable) to remove any trace of detergent.		
Drying	Air drying the oven chamber.		

Note: If regularly cooking with fatty foods (e.g. pork roast, roasts, etc.), between one cooking cycle and another, it is recommend to start the rinse program to facilitate the final cleaning procedure and ensure the utmost hygiene.

Stop the Wash Program

In certain circumstances the wash cycle may need to be stopped. The wash cycle can only be stopped at certain stages:

Pre-wash	STOP ALLOWED Press "Stop". If tablets were used, a pop-up displays asking for the removal of the tablets, together with any residue.	() WASH PHASE	Hard Wash 1. pre-wash
Wash	STOP ALLOWED Press "Stop". The oven automatically switches to a rinse phase, which cannot be stopped.	PHASE	3. RINSE
Rinse	STOP NOT ALLOWED		
Drying	STOP ALLOWED Press "Stop". The wash cycle stops immediately		



Note: If during a wash cycle the power to the oven is disconnected (e.g. power outage, turned off at supply) for a period less than two minutes, the oven will automatically resume the wash cycle when the power is restored.

If during a wash cycle the power to the oven is disconnected (e.g. power outage, turned off at supply) for a period longer than two minutes, when the power is restored, a message will be displayed about the power outage and a audible sound is emitted. A rinse will automatically start this cannot be stopped (If tablets were used, a pop-up displays asking for the removal of the tablets, together with any residue).





Cleaning Glass Door

The door glass can be cleaned both on the outside and on the inside.

- 1. Rotate the two latches that lock the internal glass door
- 2. Swing internal glass door open
- 3. Clean with warm soapy water and a clean cloth Never use abrasive materials
- 4. Close the glass door, rotate the two latches back into position





Cleaning Internal Rack

Normally, the automatic wash cycles clean internal racks effectively. However if required, these can be easily removed.

- 1. Lift the rack and slide backward, lift away from the mounting screws
- 2. Clean using warm soapy water, rinse thoroughly and dry
- 3. Reinstall into the oven

Cleaning external surfaces

- 1. The oven exterior should never be cleaned with direct water or high pressure jets
- 2. Wipe clean using a cloth dampened with clean warm soapy water until all has been removed
- 3. Scrub any baked on soil with the cleaner pad in the same direction as grained polished finish. **Do not scrub the display panel**
- 4. Wipe clean using a cloth dampened with clean warm water until all Stainless Cleaner and soil has been removed
- 5. Using a clean sanitised cloth, thoroughly wipe the stainless steel and metal parts dry. Do NOT let water pool on the unit. Check crevices and folds



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Boiler Descaling - Automatic

Ovens equipped with high performance boilers should be de-scaled periodically to keep the boiler efficient and reduce the risk of damage. If using Stoddart recommended rinse agent/descaler and have selected it, the oven can autonomously calculate when descaling will be carried out, displaying a notification to give the option to start this function.

- A. When the warning pop-up appears, press either yes or no:
 - YES: to start the descaling process
 - NO: to postpone the descaling process
- B. Select the Rinse Agent or Vinegar
- C. Touch "Start"



Note: A display window indicates the progress of the operation, which occurs in three steps: Getting Ready, Descaling phase and Rinse.

Boiler Descaling - Manual

To select Boiler Descaling:

- A. Enter the settings menu
- B. Touch "Service"
- C. Touch "Clean Boiler"
- D. Select the required rinse agent (Rinse Agent or Vinegar)
- E. Touch "Start"



Note: A display window indicates the progress of the operation, which occurs in three steps: Getting Ready, Descaling phase and Rinse.

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Boiler descaler

The boiler descaler is supplied from this tank only, which is the same tank used for the wash cycles.



Door Micro Switch

The door micro-switch is the device which stops the cooking cycle of the oven when the door is opened. Once the door is closed, the regular cycle is resumed. Do not operate this device manually with the oven door open.

Motor Thermal Breaker

The fan motor is equipped with a built-in thermal protection which stops operation in case of overheating. The motor restarts automatically as soon as its temperature is lowered, returning within the safety range.

Safety Thermostat Of The Oven Chamber

If the temperature in the oven chamber reaches 350°C, the thermostat disconnects the power supply to the heating elements of the oven. This safety device can be reset only by a qualified support service technician because it requires further checks.





Water Filtration

- Water filtration is critical to the performance of the oven. Users must establish a regular filter replacement schedule. Required frequency will depend on the water quality and type of filtration system
- Filter change frequencies below are indicative minimums. If water quality is poor, the filter may need to be replaced more frequently
- Indicators that filters may require changing are:
 - Surface corrosion present in the oven cavity. Contact Stoddart for advice
 - Scale building up more frequently than normal
 - Oven starving for water creating error messages

BWT Filter Cartridge

- Filter to be changed a minimum of every 6 months, or more frequently in areas with poor water quality
- 1. Turn off water supply at the isolation tap
- 2. Remove the old filter cartridge (unscrew clockwise)
- 3. Before installing the replacement filter cartridge, mark the installation date and the replacement date (no later than 6 months) on the filter's rating plate. Diarise the replacement date as a reminder
- 4. Install new filter cartridge (screw in anti-clockwise). To order new cartridge see Page 62
- 5. Turn on the water supply
- 6. Flush/bleed the new cartridge by pressing the "Bleed Button" for a minimum of 60 seconds (located on the top of the filter head)







Reverse Osmosis Filter Cartridges

- A reverse osmosis filter is required in areas where the water has high chlorides or other corrosive minerals present. Where appropriate, this system should have been recommended by your supplier at the time of your oven purchase
- Filters 1, 2 and 4 to be changed a minimum of every 6 months, or more frequently in areas with poor water quality
- Filter 3 to be changed a minimum of every 12 months, or more frequently in areas with poor water quality
- 1. Turn off water supply at the isolation tap
- 2. Remove the old filter cartridge (unscrew clockwise) until it stops. Pull the cartridge down to remove the cartridge
- 3. Repeat steps 2 on the remaining cartridges
- 4. All cartridges are labelled with a number on the top left hand corner. Use the correct numbered cartridge for the replacement. To order replacement cartridge see Page 8
- 5. Before installing the replacement filter cartridge, mark the installation date and the replacement date (no later than 6 months for filter 1, 2 and 4, no later than 12 months for filter 3) on the filter's rating plate. Diarise the replacement date as a reminder
- 6. Insert and turn anti-clockwise until the cartridge stops
- 7. Once all cartridge have been replaced turn on the water supply
- Indicative minimum replacement frequency:

1	Sediment and Dirt Particles Removal Cartridge	3 – 6 months
2	Chlorine, Taste/Odour Reduction Cartridge	3 – 6 months
3	Reverse Osmosis Membrane	12 – 24 months
4	Water Stabiliser	3 – 6 months or when TDS is less than 60 PPM

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Troubleshooting Common Problems

In the event of severe failure, it is essential to turn isolate the unit from the power supply and close the water shut-off valve.

PROBLEM	POSSIBLE SOLUTION
	Check that the power supply is turned on
	Make sure the oven door is properly closed
The oven does not start.	Make sure the parameters of the cooking cycle have been set correctly
	Make sure the oven does not have any error messages displayed
	If the problem persists, Contact the Stoddart service department
	Turn off the oven and wait for the thermal breaker of the motor to be restored automatically
The fans stops during operation.	Make sure the cooling vents are not obstructed
	If the problem persists, Contact the Stoddart service department
Internal lighting is not working	Contact the Stoddart service department
Water is not delivered from humidifier since	Check that the water shut-off valve is open
water is not derivered from humidiner pipes	If the problem persists, Contact the Stoddart service department

Technical Problems / Alarm Code



WARNING

Technician tasks are only to be completed by qualified service people. Check faults before calling service technician.

ALARN	Λ	DESCRIPTION	ACTION	SOLUTIONS
E01	Chamber probe failure	Cooking chamber temperature detection probe failure	Cooking stopped.	Contact the Stoddart service department
E03	Inverter alarm	Motor control board alarm.	Cooking stopped.	Contact the Stoddart service department and communicate the displayed error (e.g. "inverter alarm code 8")
E05	Fan safety	Oven motor thermal safety alarm (higher if 2)	Cooking stopped. Automatic reset	Contact the Stoddart service department
E06	Chamber safety	Oven cooking chamber over- temperature thermal safety alarm	Cooking stopped. Manual reset by authorised technician	Contact the Stoddart service department
E09	PWM Communication	Communication error with PWM burner control board	Cooking stopped. Manual reset	Contact the Stoddart service department
E11	Fan 2 safety	Lower oven motor thermal safety alarm	Cooking stopped. Automatic reset	Contact the Stoddart service department



Cleaning and Maintenance



E12	No gas alarm	Failed activation and/or detection of the burner flame	Cooking stopped. Manual reset	Check the gas valve, shut-off valve, and the hood with gas safety device. Reset the alarm by pressing the navigation dial for 1 second. If the problem persists, Contact the Stoddart service department
E14	Electronic board temperature alarm	Service compartment temperature too high	Cooking stopped.	Check oven's ventilation is not blocked Check cooling fans are functioning correctly Open the oven door and stop the cooking cycle. Do not disconnect the oven's external power supply. Contact the Stoddart service department
E15	Electronic board temperature pre- alarm	Service compartment temperature too high	Cooking stopped. Manual reset	If the problem persists, Contact the Stoddart service department
E16	No communication with the base	Serial communication problems between the touch board and the base board	Cooking stopped.	Switch the appliance off and on again. If the problem persists, Contact the Stoddart service department
E17	Core probe failure	Core probe detection problems	Cooking stopped. Automatic reset	Make sure you have inserted the core probe into the connector. If the problem persists: Contact the Stoddart service department
E19	Probe 4 failure	Humidity control system probe 4 failure	Cooking stopped at combi/steam	Use the oven in convection mode
E20	Probe 5 failure	Humidity control system probe 5 failure	Cooking stopped at combi/steam	Contact the Stoddart service department
E21	No water	No water for the production of steam alarm	Cooking stopped at combi/steam	Check the water valve. Press the navigation dial to reset the alarm. If the problem persists: Contact the Stoddart service department
E22	No power.	No external power supply	Cooking stopped. Manual reset	Press the navigation dial to reset the alarm. Check if a power outage occurred. If the problem persists: Contact the Stoddart service department
E23	Boiler drain not completed	The boiler does not drain properly	Cooking stopped. Automatic reset	Contact the Stoddart service department
E24	Flow-meter failure	No wash water alarm	Wash block. Manual reset	Check the water valve. Press the navigation dial to reset the alarm. If the problem persists: Contact the Stoddart service department
E25	Descaling process interrupted due to cleaning product loading failure	Problems with loading the boiler cleaning product	Boiler wash block. Manual reset	Make sure that the rinse agent/descaler loading tube is properly inserted in the tank and that the latter is full. If the problem persists: Contact the Stoddart service department
E04	Air Flow Alarm	Pressure switch problem burner air safety	Cooking stopped. Manual reset	Check that the flue gas outlet duct is free. Press the navigation dial to reset. If the problem persists, contact the Stoddart service department
E07	PWM	Problem with burner fan speed control system	Cooking stopped. Manual reset	Press the navigation dial to reset; Remove and restore external power to the oven. If the problem persists, contact the Stoddart service department
E09	PWM Communication	Problem with digital communication with burner fan speed control board	Cooking stopped. Manual reset	Press the navigation dial to reset; Remove and restore external power to the oven. If the problem persists, contact the Stoddart service department
E12	'No gas' alarm	Failed start-up and/or burner flame detection	Cooking stopped. Manual reset	Press manual restore. (Navigation Dial for 1 second) If the problem persists, contact the Stoddart service department

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Scheduled Maintenance Service History

To ensure the continued performance and reliability of this oven, routine maintenance and servicing are required at specific time intervals. Contact the Stoddart Service Department to book a service.

Australia	New Zealand
Email: service@stoddart.com.au	Email: service@stoddart.co.nz
Tel: 1300 307 289	Tel: 0800 935 714

Service Log

Initial Inspection

0 - 1month
Date:
Hours:
Technician:

Scheduled maintenance service

2500hours / 12months (whichever occurs first)
Date:
Hours:
Technician:

Scheduled maintenance service

5000hours / 24months (whichever occurs first)
Date:
Hours:
Technician:

Scheduled maintenance service

7500hours / 36months (whichever occurs first)
Date:
Hours:
Technician:

Scheduled maintenance service

10000hours / 48months (whichever occurs first)
Date:
Hours:
Technician:





Accessories

Spare Parts

Contact the Stoddart Spare Parts department to place an order.

Australia

Email: spares@stoddart.com.au Tel: 1300 307 289 New Zealand Email: spares@stoddart.co.nz Tel: 0800 935 714

Code	Description
SPGI.7080536	Giorik Cleaning Tablets – Container of 120 Tablets
SPGI.7080533	Giorik Liquid Descaler and Rinse Aid - 2 x 5 Litre
CNCL.0105	Combi Foam Oven Cleaner - 2 x 5 Litre (liquid chemical)
SPGI.SMK01	Digital Smoker
SPGI.6000129	Sous Vide Probe
SPGI.CBH.002	Wall Mount Bracket (liquid chemical)
SPGI.CBH.001	Side Stand mounting (liquid chemical)
SPAR.XSE.AX10-CCF	1 - Sediment and Dirt Particles Removal Cartridge
SPAR.XSE.AX10-GAC	2 - Chlorine, Taste/Odour Reduction Cartridge
SPAR.XSE.AX10-ROM	3 - Reverse Osmosis Membrane
SPAR.XSE.AX10-WS	4 - Water Stabiliser
SPAR.WFS.FS28N00A00	BWT Bestprotect XL Filter Cartridge

SDS sheets will be provided with each delivery.



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Australia

Service / Spare Parts

Tel: 1300 307 289 Email: service@stoddart.com.au Email: spares@stoddart.com.au <u>Sales</u> Tel: 1300 79 1954 Email: sales@stoddart.com.au

www.stoddart.com.au

Australian Business Number: 16009690251

New Zealand

<u>Service / Spare Parts</u> Tel: 0800 935 714 Email: service@stoddart.co.nz Email: spares@stoddart.co.nz <u>Sales</u> Tel: 0800 79 1954 Email: sales@stoddart.co.nz

www.stoddart.co.nz

New Zealand Business Number: 6837694

International

<u>Service / Spare Parts</u> Tel: +617 3440 7600 Email: service@stoddart.com.au Email: spares@stoddart.com.au <u>Sales</u> Tel: +617 3440 7600 Email: sales@stoddart.com.au

www.stoddart.com.au



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