



STOVES

MADE BETTER








RICHMOND & STERLING

User manual - DF (60 cm)

COUNTRIES OF DESTINATION:

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IE - Ireland	✓
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FR - French	
IT - Italy	
PL - Poland	
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CN - China	
NZ - New Zealand	
AU - Australia	

TO CONTACT STOVES ABOUT YOUR APPLIANCE, PLEASE CALL:

	Customer Care Helpline 0344 815 3740 In case of difficulty within the UK
	Warranty Registration 0800 952 1065
	Spares Store 0344 815 3745
	To register your appliance online: www.stoves.co.uk
	To contact us by email: gdhainfo@gdha.com
	To register your appliance by mail: Please complete the warranty card and return to the address supplied
	Alternatively general, spares and service information is available from our website at: www.stoves.co.uk

Calls are charged at the basic rate, please check with your telephone service provider for exact charges

Your new appliance comes with our 12-month guarantee (UK only), protecting you against electrical and mechanical breakdown. To register, please complete the registration form included, register online or by phone. For full terms & conditions of the manufacturer's guarantee, please refer to the website above. In addition, you may wish to purchase an extended warranty. A leaflet explaining how to do this is included with your appliance.

Our policy is one of constant development and improvement, therefore we cannot guarantee the strict accuracy of all of our illustrations and specifications. Changes may have been made subsequent to publishing.

**Glen Dimplex Home Appliances, Stoney Lane,
Prescot, Merseyside, L35 2XW**

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INTRODUCTION

Thank you for buying this British-built appliance from us.

This user guide book is designed to help you through each step of owning your new product.

Please read it carefully before you start using your appliance, as we have endeavored to answer as many questions as possible, and provide you with as much support as we can.

General information, spares and service information is available from our website.

If you should find something missing from your product or have any questions that are not covered in this user guide, please contact us (see contact information inside the front cover).

EUROPEAN DIRECTIVES

As a producer and a supplier of cooking appliances we are committed to the protection of the environment and are in the compliance with the WEEE directive. All our electric products are labelled accordingly with the crossed out wheeled bin symbol. This indicates, for disposal purposes at end of life, that these products must be taken to a recognized collection points, such as local authority sites/local recycling centres.

This appliance Complies with European Community Directives (CE) for household and similar electrical appliances and Gas appliances where applicable.

This appliance conforms to European Directive regarding Eco design requirements for energy-related products. Our policy is one of constant development and improvement, therefore we cannot guarantee the strict accuracy of all of our illustrations and specifications – changes may have been made subsequent to publishing.

DISPOSAL OF PACKAGING MATERIAL




The packaging materials used with this appliance can be recycled. Please dispose of the packaging materials in the appropriate container at your local waste disposal facilities.

⚠ GAS WARNING! - If you smell gas: Do not try to light any appliance, Do not touch any electrical switch. Contact your local gas supplier immediately.

SAFETY


WARNING

- ⚠ Never put items directly on the base of the oven or cover the oven with foil, as this can cause the base element to overheat.
- ⚠ Accessible parts may become hot when the grill is in use. Children should be kept away.
- ⚠ Do not place articles on or against the appliance.
- ⚠ Always switch off your appliance and allow it to cool down before you clean any part of it.
- ⚠ Although every care has been taken to ensure this appliance has no sharp edges, we recommend that you wear protective gloves when installing and moving this appliance. This will prevent injury.
- ⚠ This appliance must be fitted to a switch providing all pole disconnection with a minimum contact separation of 3mm.
- ⚠ Connection should be made with a suitable flexible cable with a minimum temperature of 70°C.
- ⚠ Do not use a steam cleaner on any cooking range, hob or oven appliance.
- ⚠ If your appliance is fitted with a lid, any spillage should be removed from the lid before opening. The hob surface should be allowed to cool before closing the lid (if fitted).
- ⚠ To avoid electric shock, ensure that the appliance is switched off before replacing the lamp.
- ⚠ The appliance is not intended to be operated by means of an external timer or separate control system.
- ⚠ Unattended cooking on a hob with fat or oil can be dangerous and may result in fire.
- ⚠ NEVER try to extinguish a fire with water, but switch off the appliance and then cover the flame with a lid or damp cloth.
- ⚠ Danger of fire: Do not store items on the cooking surfaces.
- ⚠ Only use hob guards designed by the manufacturer of the cooking appliance or indicated by the manufacturer of the appliance in the instructions for use as suitable or hob guards incorporated in the appliance. The use of inappropriate hob guards can cause accidents.
- ⚠ If the cooker is placed on a base, measures have to be taken to prevent the appliance slipping from the base.
- ⚠ The cooking process has to be supervised. A short term cooking process has to be supervised continuously.
- ⚠ This appliance must not be installed behind a decorative door in order to avoid overheating.
- ⚠ Ensure shelving is correctly installed. See the sections on the shelf runners and shelf location within this book.
- ⚠ This appliance is for cooking purposes only. It must not be used for other purposes, for example room heating.


-  When hot moist air (created through the cooking process) meets a cooler surface such as an oven door, condensation is normal especially when cooking high moisture content foods at low temperatures.

To minimise this,


- Pre-heat the oven before putting the food into the oven.
- Cover the food you are cooking.
- Where possible cook high moisture content foods at higher temperatures.
- Do not leave food in the oven to cool down.

-  **Note!** Automatic cooking will normally produce condensation when cooling down and the food is still inside.

CAUTION

-  The use of a gas cooking appliance results in the production of heat, moisture and products of combustion in the room in which it is installed. Ensure that the kitchen is well ventilated especially when the appliance is in use: keep natural ventilation holes open or install a mechanical ventilation device (mechanical extractor hood). Prolonged intensive use of the appliance may call for additional ventilation, for example opening of a window, or more effective ventilation, for example increasing the level of mechanical ventilation where present.

FIRE SAFETY ADVICE

-  If you do have a fire in the kitchen, don't take any risks – get everyone out of your home and call the Fire Service.


If you have an electrical fire in the kitchen:

1. Pull the plug out, or switch off the power at the fuse box – this may be enough to stop the fire immediately
2. Smother the fire with a fire blanket, or use a dry powder or carbon dioxide extinguisher

-  Remember: never use water on an electrical or cooking oil fire.

OTHER SAFETY ADVICE

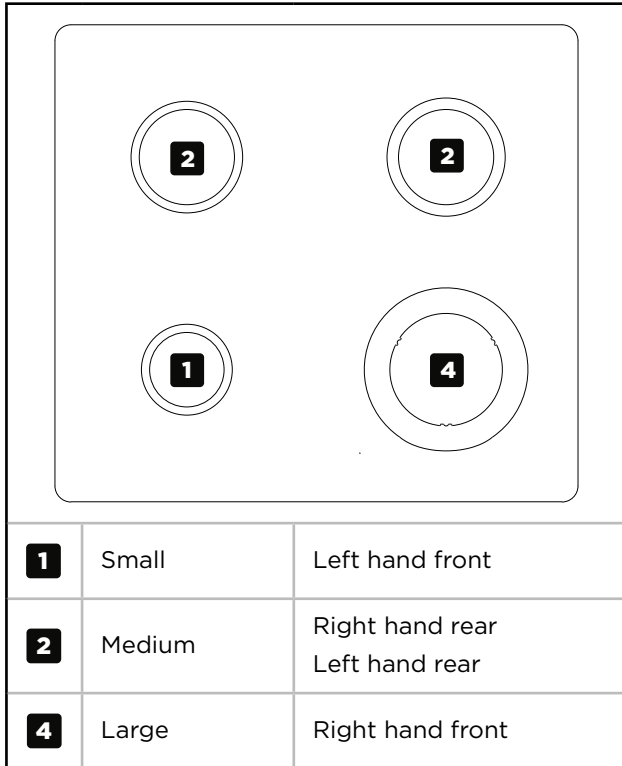
-  Servicing should be carried out only by authorised personnel.
-  Do not operate the appliance without the glass panel correctly fitted.
-  There is a risk of electric shock, so always make sure you have turned off and unplugged your appliance. Always allow the product to cool down before you change a bulb.
-  Do not modify the outer panels of this appliance in any way.
-  This appliance must be earthed.
-  The appliance must never be disconnected from the mains supply during use, as this will seriously affect the safety and performance, particularly in relation to surface temperatures becoming hot and gas operated parts not working efficiently. The cooling fan (if fitted) is designed to run on after the control knob has been switched off.

-  **GAS WARNING!** - If you smell gas: Do not try to light any appliance, Do not touch any electrical switch. Contact your local gas supplier immediately.

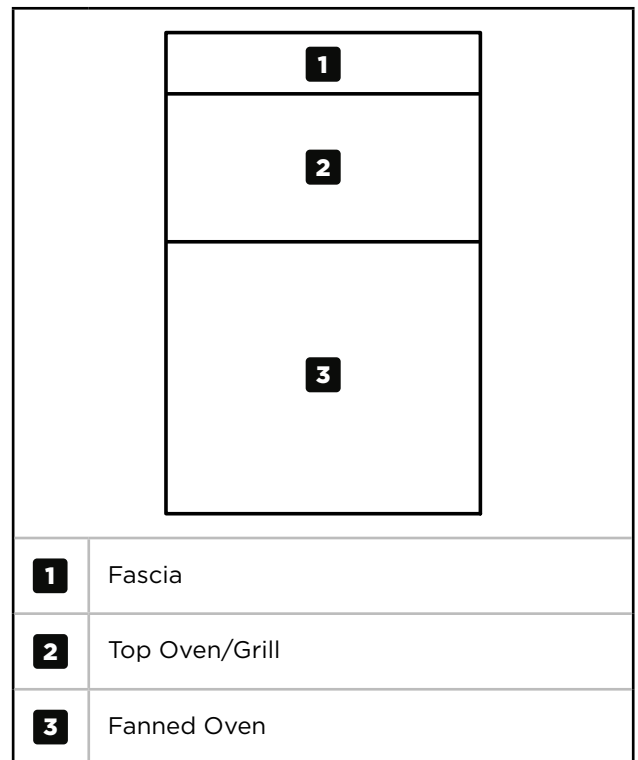
GETTING TO KNOW YOUR PRODUCT

i Note: Your appliance layout may differ depending on the model.

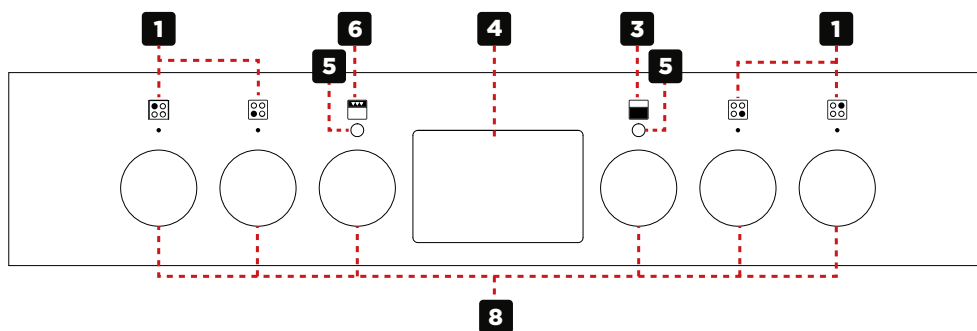
HOB



OVERVIEW



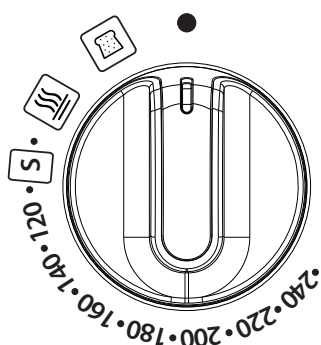
CONTROL PANEL



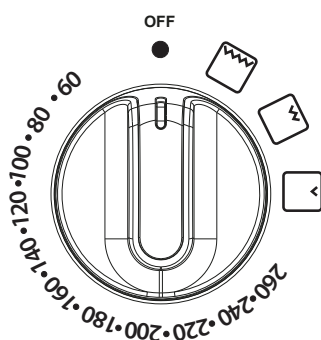
1	Cook Zones	6	Top Oven/Grill
3	Oven	8	Hob and Oven controls
4	Clock/Programmer		
5	Thermostat indicator		

OVEN CONTROLS

Oven



Top Oven/Grill



APPLIANCE FUNCTIONS

Only slow cook using the dedicated function. When using the multifunction oven, firstly select the fanned oven feature.

- Note:** Your oven may not have all of the functions shown here. We recommend for best cooking results, please preheat your oven for 15 minutes and 3-5 minutes for grilling.

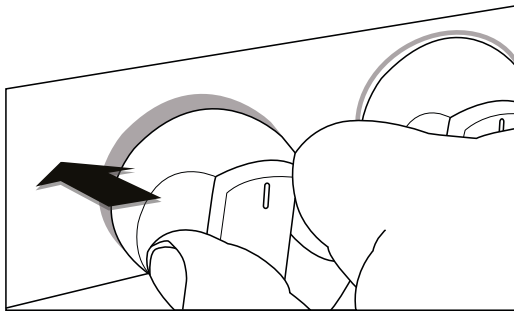
	Intense Baking
	Base Heat with Fan
	Slow Cook
	Fanned Grill
	Oven Selector Control
	Conventional Grill
	Top Heat
	Lights Only
	Bread Proving
	Defrost
	Conventional oven
	Fanned Oven
	Low Grill
	Single Grill
	Dual Grill
	Base Heat
	Pizza Function
	Keep Warm

USING YOUR APPLIANCE

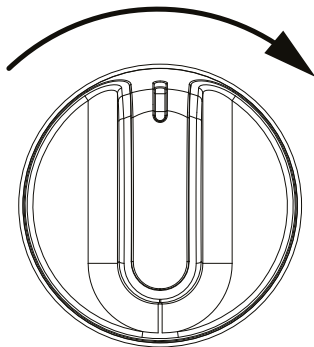
OVENS AND GRILL

When using the top oven or main oven, the white thermostat indicator light will come on until the selected temperature is reached.

Press the control knob to ignite the gas for up to 15 seconds then release.



Choose required setting

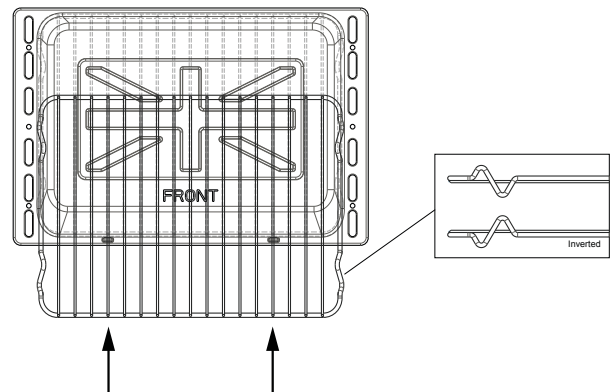


When the Top oven/grill or grill is switched on, the cooling fans come on to keep the fascia and control knobs cool during cooking/grilling. The cooling fans may operate when the main ovens are in use, depending on the temperature setting. The fans may continue to operate for a period after the oven/grill has been switched off. During use the fan may cycle on and off, this is normal.

⚠ Important: Never put items directly on top the base of the oven, or cover the oven base with foil, as this may cause the element to overheat. Always position items on the shelf.

GRILL PAN AND TRIVET

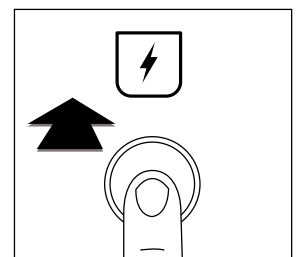
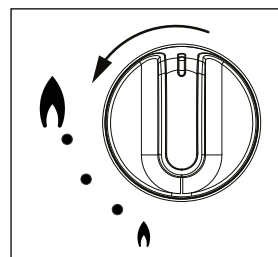
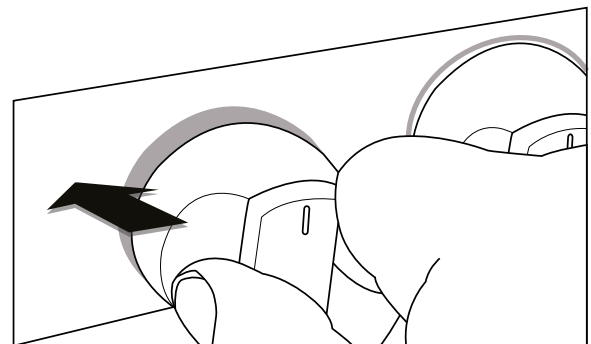
The grill trivet (inside the grill pan) can be inverted to give a high or low position, or it may be removed. The speed of grilling can be controlled by selecting a higher or lower shelf position, or adjusting the grill setting.



⚠ The door must be open when the grill is used for conventional grilling.

HOB

Ignition procedure



1. Hold the control knob and press the ignition in for up to 15 seconds then release. For the wok, please allow the burner to warm up for a few minutes.

2. Once lit, turn the control knob to the required setting.
- i** If the burner fails to ignite within this time, release the control knob and wait 1 minute before attempting to re-ignite.
 - i** In the event of a power failure, or the ignition not working, then a lighted match or taper can be used to ignite the burner.
3. To turn off, turn the control knob clockwise to the 'off' position.

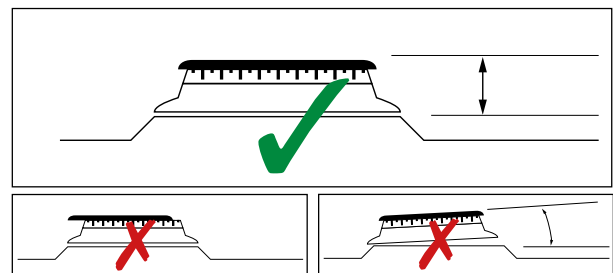
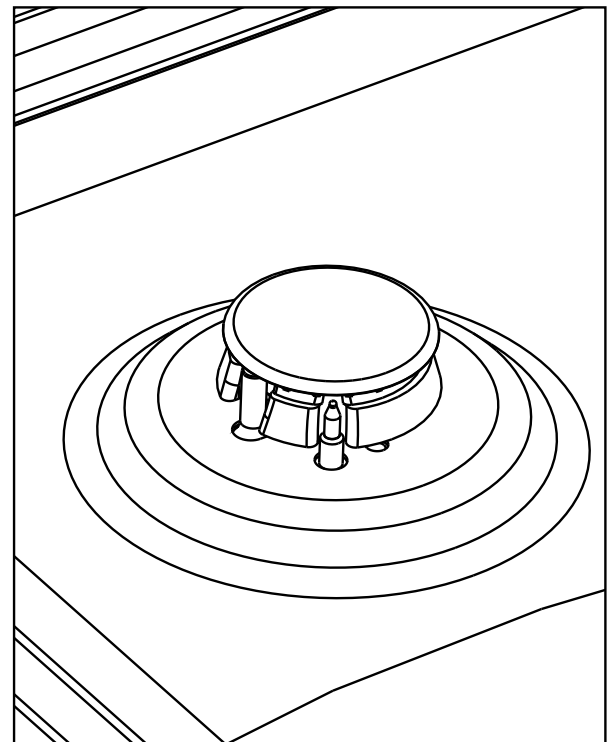
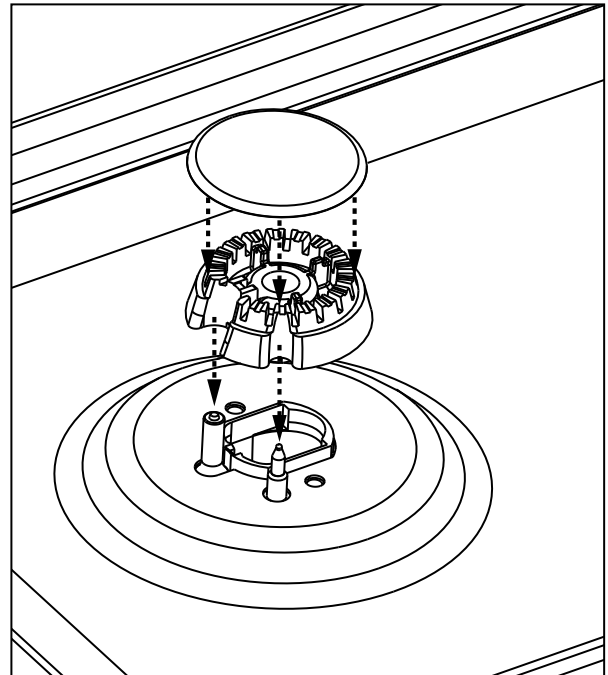
Automatic ignition (if applicable)

- Push in and turn the selected gas burner control knob to the full flame symbol. Keep the control knob depressed. Sparking to the selected burner will commence automatically. Sparking will cease automatically once the flame is established.
- Continue to hold the control knob in for up to 15 seconds then release.

Notes:

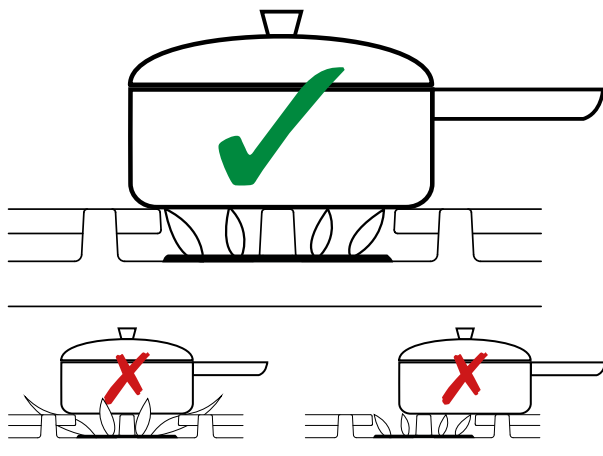
- i** To use a round bottomed wok, position the wok stand provided onto the pan support above the wok burner, then position the wok onto the stand.
- i** If your hob is supplied with left and right handed pan supports, ensure that they are located over the alignment pins and are sitting flat on the hob.
- i** Avoid the use of pans that overhang the edges of the hotplate.
- i** Pans should not be allowed to come into contact with coloured trims during use as this may cause discolouration of the surface.
- i** Use pans which are large enough to avoid overflows onto the hob surface.

FITTING BURNER CAPS AND HEADS



PAN PLACEMENT

Always make sure that your pans are placed centrally and do not allow the flame to extend over the base of the pan. Do not place pans directly onto the burners.

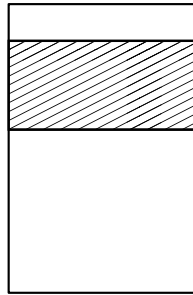


PAN SIZES REQUIRED

Hob Cook Zones	Minimum Pan Sizes (mm)	Maximum Pan Sizes (mm)
Rapid & Wok	100	250
All other cook zones		

⚠ Warning: Do not allow cooking vessels to overlap cooking zones

USING THE GRILL



ALUMINIUM FOIL

⚠ Never cover the grill pan or grill trivet with foil, or allow fat to build up in the grill pan, as this creates a fire hazard.

TYPES OF GRILL

Variable rate grill: has adjustable heat settings 1 (low) to 8 (high) or 5 (high) – depending on the model.

Single grill: has one grill element. The grill pan trivet **MUST** be inverted when using single grill in the main oven.

Dual grill: has two grill elements which can be used together, or as a single grill.

Alternatively, you may have grill symbols similar to these below:

		Full grill at 1/4 power
		Centre grill at full power
		Full grill area at full power

THE COOLING FAN

During use the fan may cycle on and off, this is normal.

When the grill is switched on, the cooling fan comes on to keep the fascia and control knobs cool during grilling. The fan may continue to operate for a period after the grill has been switched off.

USING THE GRILL

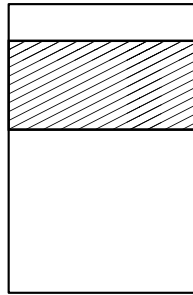
⚠ Caution: Accessible parts may be hot when the grill is used – young children should be kept away.

⚠ Important: The grill door must be fully open when the grill is used.

1. Open the grill door. Turn the control knob to the required setting. For best cooking results, we recommend that you preheat the dual grill for 3 minutes and the single grill for 5 minutes.

i For grilling small quantities of food, the centre (economy) grill can be used with the grill trivet inverted. For large quantities of food, the full grill can be used.
2. Push the grill pan towards the back of the shelf, to position it under the grill.
- i** The grill trivet (inside the grill pan) can be inverted to give a high or low position, or it may be removed. The speed of grilling can be controlled by selecting a higher or lower shelf position, or adjusting the grill setting.
3. To switch off, return the control knob to the off position.

USING THE TOP OVEN



- ⚠** When you are cooking keep children away from the vicinity of the oven.
- ⚠ Caution:** The top element gets extremely hot when in use, so take extra care to avoid touching it.
- i** The top oven is a conventional oven.
- i Note:** The top oven is not controlled by the programmer.

OVEN FURNITURE

Oven shelves

The top oven shelf helps to ensure even baking in the top oven. It has a rear deflector fitted to it, and is not intended for use in the main oven.

The oven shelf must be positioned with the upstand at the rear of the oven and facing upwards.

- i** Extra shelves may be ordered from your local supplier.

Baking tray and roasting tins

For best cooked results and even browning, the recommended size baking trays and roasting tins that should be used are as follows;

- Baking tray 350mm x 250mm
- Roasting tin 370mm x 320mm

- i** Position baking trays and roasting tins on the middle of the shelves, and leave one clear shelf-position between shelves, to allow for circulation of heat.
- i** We recommend that you use good quality cookware. Poor quality trays and tins may warp when heated, leading to uneven baking results.

Shelf positions

There are either 3 or 4 shelf positions, depending on which model you have purchased. These are counted from the bottom of the oven upwards, so shelf position 1 is the lowest.

When cooking frozen or chilled food, use the highest possible shelf position, while allowing some clearance between the food and the top element.

The oven shelf must be positioned with the up-stand at the rear of the oven and facing up. Position baking trays and roast-ing tins on the middle of the shelves, and leave one clear shelf position between shelves, to allow for circulation of heat.

The cooling fan

When the top oven is switched on, you will hear the cooling fan come on – this keeps the fascia and control knobs of the appliance cool during cooking. The fan may continue to operate for a period after the oven control has been switched off.

TO TURN ON THE TOP OVEN

1. Turn the temperature control knob until the required temperature is selected.

The white thermostat indicator will come on until the selected temperature is reached, and then go off. It will turn on and off periodically as the thermostat operates to maintain the selected temperature.

The red thermostat indicator will come on until the selected temperature is reached, and then go off. It will turn on and off periodically as the thermostat operates to maintain the selected temperature.

2. To switch off, return the top oven control knob to the off position.

⚠ Important: Never put items directly on the base of the oven, or cover the oven base with foil, as this may cause the element to overheat. Always position items on the shelf.

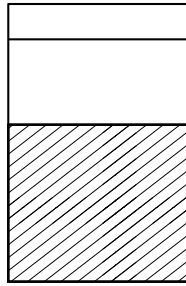
PREHEATING

Preheat the oven until the indicator light switches off for the first time, this will take up to 15 minutes depending on the temperature selected.

- i** The oven must be preheated when cooking frozen or chilled foods, and we recommend preheating for yeast mixtures, batters, soufflés, and whisked sponges.
- i** If you are not preheating the oven, the cooking times in the following guide may need to be extended, as they are based on a preheated oven.
- i** Put the oven shelves in the position required before preheating the oven.

The oven shelf must be positioned with the up-stand at the rear of the oven and facing up. Position baking trays and roast-ing tins on the middle of the shelves, and leave one clear shelf position between shelves, to allow for circulation of heat.

USING THE MAIN OVEN - FANNED



⚠ Accessible parts may be hot when the oven is used. Young children should be kept away.

OVEN FURNITURE

Oven shelves

i Extra shelves may be ordered from your local supplier.

Baking tray and roasting tins

For best cooked results and even browning, the recommended size baking trays and roasting tins that should be used are as follows;

- Baking tray 350mm x 250mm

This size of baking tray will hold up to 12 small cakes.

- Roasting tin 370mm x 320mm

i Position baking trays and roasting tins on the middle of the shelves, and leave one clear shelf-position between shelves, to allow for circulation of heat.

i We recommend that you use good quality cookware. Poor quality trays and tins may warp when heated, leading to uneven baking results.

To help the air circulate freely

Position the shelves evenly within the oven and maintain a clearance from the oven roof and base.

If more than one cooking dish or baking tray is to be used on a shelf, leave a gap of at least 25mm between the items themselves and the oven interior.

The cooling fan

The cooling fan may operate when the main oven is on and may continue to operate for a period after the oven has been switched off.

Aluminium Foil

⚠ Use foil only to cover food or cooking dishes, using foil to cover the shelves or oven base creates a fire hazard.

WHEN USING THE OVEN

As part of the cooking process, hot air is expelled through a vent at the top of the oven(s). When opening the oven door, care should be taken to avoid any possible contact with potentially hot air, since this may cause discomfort to people with sensitive skin. We recommend that you hold the underneath of the oven door handle.

To switch on the oven

- Turn the oven control knob(s) to the required setting.

The red thermostat neon (if fitted) will come on until the selected temperature is reached and then go off; it will turn on and off periodically as the thermostat operates to maintain the selected temperature.

- To switch off, return the control knob to the off position.

Preheating

Fanned oven

When cooking sensitive items such as soufflé and Yorkshire puddings or, when cooking bread, we recommend that the oven is preheated until the neon switches off for the first time. For any other types of cooking, a preheat may not be required.

Conventional oven

Preheating is always required

Manual Operation (Left hand oven only)

The programmer must be set to manual operation before the main oven can be used. If A (Auto) is on the programmer display, return the oven to manual by pressing the plus and minus buttons simultaneously or the Menu button where applicable. Any programme which has been set is cancelled.

Cooking with a fanned oven

⚠ As this is a high efficiency oven, you may notice the emission of steam from the oven when the door is opened. Please take care when opening the door.

If you are used to cooking with a conventional oven you will find a number of differences to cooking with a fan oven which will require a different approach:

There are no zones of heat in a fan oven as the convection fan at the back of the oven ensures an even temperature throughout the oven.

This makes it ideal for batch baking – eg; when planning a party as all the items will be cooked within the same length of time.

i Foods are cooked at a lower temperature than a conventional oven, so conventional recipe temperature may have to be reduced. Please refer to the conversion chart.

i Preheating is generally not necessary as a fan oven warms up quickly.

i There is no flavour transference in a fan oven, which means you can cook strong smelling foods such as fish at the same time as mild foods – eg; milk puddings.

i When batch baking foods that will rise during cooking – eg; bread – always ensure that enough space has been left between the shelves to allow for the rise.

Notes:

i When 2 or more shelves are being used, it may be necessary to increase the cooking time slightly.

i Because the 2 oven shelves are wider than in many ovens, it is possible to cook 2 items per shelf – eg; 2 victoria sandwiches or 2 casseroles.

i When roasting meats, you will notice that fat splashing is reduced, which is due in part to the lower oven temperatures, and will help keep cleaning of the oven to a minimum.

i Because a fan oven has an even temperature throughout the oven, there is no need to follow the shelf positions given in the baking guide.

i There is no need to interchange dishes onto different shelves part way through cooking, as with a conventional oven.

Defrosting * and cooling in the main oven

To defrost frozen foods, turn the oven control to the defrost position, place the food in the centre of the oven and close the door.

To cool foods after cooking prior to refrigerating or freezing, turn the main oven control to the defrost position and open the door.

Defrosting times

- i** Small or thin pieces of frozen fish or meat – eg; fish filets, prawns & mince will take approximately 1 – 2 hours.
- i** Placing the food in a single layer will reduce the thawing time.
- i** A medium sized casserole or stew will take approximately 3 – 4 hours.
- i** A 1½kg/3lb oven ready chicken will take approximately 5 hours, remove the giblets as soon as possible.

Be safe

- i** Do not defrost stuffed poultry using this method.
- i** Do not defrost larger joints of meat and poultry over 2kg / 4lb using this method.

COOKING GUIDE

GRILL

Food Type	Time Approx (mins)
Bacon	8 - 15
Sausages	12 - 15
Chops	
- Lamb	10 - 15
- Pork	15 - 25
Toast	
- 2 rounds	1 - 2 (per side)
- 4 rounds	1 - 2 (per side)
Bread products	
- Buns	1 - 2 (per side)
- Tea cakes	1 - 2 (per side)
Cheese on toast	
- 2 rounds	4 - 5
- 4 rounds	4 - 5
Fish	
- Fillets	10 - 15
Chicken	
- Fillets	20 - 30
Beef Steaks	
- Rare	7 - 10
- Medium	10 - 15
- Well done	15 - 20
Gammon Steaks	12 - 15

i As with any cooking guide, all times are approximate and can be adjusted to suit personal taste.

TOP OVEN

Cooking temperatures

The temperature settings and time given in the Baking Guides are based on dishes made with block margarine. If soft tub margarine is used, it may be necessary to reduce the temperature setting. If a recipe gives a different temperature set-ting to that shown in the guide, the recipe instruction should be followed.

- i Because the top oven is more compact, it may be necessary to reduce cooking temperatures specified in recipes by up to 20°C.

- i Use the baking guide as a reference for determining which temperatures to use.

Cooking times

- i These times are based on cooking in a preheated oven.
- i These cooking times are approximate, due to the size and type of cooking dish and personal preferences.

Item	Temperature (°C)	Shelf Position	Approximate cooking time
Small cakes	160°C - 180°C (fanned)	1	15 - 20 mins
Victoria sandwich (2 x 180mm / 7")	160	1	20 - 25 mins
Swiss roll	200	1	8 - 12 mins
Semi rich fruit cake (180mm x 7")	140	1	2¼ - 2¾ hours
Scones	215	1	10 - 15 mins
Meringues	90 - 100	1	2 - 3 hours
Shortcrust pastry	200 - 210	1	Depends on size & type of cooking dish & also the filling
Puff / flaky pastry	200 - 210	1	
Choux pastry	200 - 210	1	
Biscuits	160 - 200	2	10 - 20 mins
Sponge pudding	150	1	30 - 45 mins
Milk pudding	140	1	2 - 2½ hours

MAIN OVEN



Cooking times & temperatures

- i** The temperature settings and times given in the baking guide are based on dishes made with block margarine. If soft tub margarine is used it may be necessary to reduce the temperature setting.
- i** Allow enough space between shelves for food that will rise during cooking.
- i** Do not place items on the oven base as this will prevent air circulating freely.

i Note: This is a fanned oven, therefore some adjustment will have to be made to conventional cooking temperatures. The table below shows conventional cooking temperatures, fanned oven temperatures and gas marks. For optimum results, conventional temperatures need to be converted to fanned oven temperatures.

For example, an item which would normally cook at a conventional temperature of 180 °C, will now cook at the fanned oven temperature of 160 °C.

Conventional temperature (°C)	Fanned Oven (°C)	Gas Mark
100	100	1/4
110	110	1/4
130	120	1/2
140	130	1
150	140	2
160	150	3
180 - 190	160	4 - 5
200	170	6
220	180	7
230	190	8
250	200	9

Food Type	Temp. Setting °C		Time Approx.	Shelf Position
				
Cakes				
Small cakes	190	160	15 - 25	2 - 4
Victoria sandwich	180	160	20 - 30	3
Semi rich fruit cake	150	125	2½ - 3 hours	2
Christmas cake	150	125	2½ - 3 hours	2
Puddings				
Bread & butter pudding	170	150	45 - 1 hour	3
Fruit crumble	200	175	40 - 1 hour	3

Food Type	Temp. Setting °C		Time Approx.	Shelf Position
Miscellaneous				
Yorkshire pudding:				
- large	220	200	40 - 48	4 - 5
- small	220	200	15 - 20	4 - 5
Shortcrust pastry	200	180	depends on filling	4 - 5

GENERAL BAKING GUIDE

Traditional fruit cakes

It should be remembered that ovens can vary over time, therefore cooking times can vary, making it difficult to be precise when baking fruit cakes.

It is necessary therefore, to test the cake before removal from the oven. Use a fine warmed skewer inserted into the centre of the cake. If the skewer comes out clean, then the cake is cooked.

- i** Follow the temperatures suggested in the recipe and then adjust accordingly to the conversion table.
- i** Do not attempt to make Christmas cakes larger than the oven can cope with, you should allow at least 25mm (1") space between the oven walls and the tin.
- i** Always follow the temperatures recommended in the recipe.
- i** To protect a very rich fruit cake during cooking, tie 2 layers of brown paper around the tin.
- i** We recommend that the cake tin is not stood on layers of brown paper, as this can hinder effective circulation of air.
- i** Do not use soft tub margarine for rich fruit cakes, unless specified in the recipe.
- i** Always use the correct size and shape of tin for the recipe quantities.

Trouble-shooting – fruit cakes

Problem	Possible Cause
Fruit sinking to the bottom	Low oven temperature which may cause the cake to take longer to set, allowing the fruit to sink. Or, too much liquid, or raising agent. The fruit may not have been properly washed and dried.
Cake sinking / dipping in the centre	Too much raising agent in the mixture. Too hot, or too cool an oven. Or, not enough liquid or insufficient creaming.
Surface cracks	Too small a tin, or too much mixture in the tin. Too much raising agent in the mix, plus not enough liquid or insufficient creaming. The oven may be too hot.
Hard outer crust with a damp patch inside	Oven too hot, therefore the cake baked too quickly. Too much sugar, or insufficient liquid.
Burnt outside	Oven temperature too high. Oven too small for the size of cake. Insufficient protection around the tin. Cake baked on too high a shelf.
Texture with pronounced holes.	Too much raising agent. Flour unevenly mixed.

Problem	Possible Cause
Texture too close and cake insufficiently risen.	Not enough raising agent. Not enough liquid. Too cool an oven. Insufficient creaming.
Cake crumbles when cut	Not enough liquid. Baked for too long. Not enough sugar. Too much baking agent.
Too dry	Over baking. Insufficient egg or liquid. Too much raising agent.

Trouble-shooting – sponge cakes

Problem	Possible Cause
Domed top	Insufficient creaming of mixture. Cake baked on too high a shelf position, or at too high a temperature. Paper liners can cause the outer edge not to rise and the centre to peak.
Hollowed / sunken top	Too much raising agent. Oven temperature too low, or incorrect shelf position. Cake removed from oven before it's cooked. Use of soft tub margarine.
Very pale, but cooked	Oven temperature too low. Baked too low in the oven
Overflowing tin	Tin too small for the amount of mixture

Slow cooking (S Setting or 100°C)

- i Make sure that frozen foods are thoroughly thawed before cooking.
- i Do not slow cook joints of meat or poultry weighing more than 2¼kg/4½lb.
- i Preheat the oven to 170°C and cook for 30 minutes, then adjust the oven control to S or 100°C (slow cook setting) for the remainder of the cooking time.
- i Slow cooking times will be about 3 times as long as conventional cooking times.
- i Do not open the oven door unnecessarily during slow cooking, as this will result in heat loss at low temperatures.
- i Always use dishes with tightly fitting lids. To rectify badly fitting lids, place foil over the dish underneath the lid.

ROASTING GUIDE

The times given in the roasting guide are only approximate, because the size and age of the bird will influence cooking times as will the shape of a joint and the proportion of the bone.

Frozen meat should be thoroughly thawed before cooking. For large joints it is advisable to thaw over night.

Frozen poultry should be thoroughly thawed before cooking. The time required depends on the size of the bird – eg; a large turkey may take up to 48 hours to thaw.

Use of a trivet with a roasting tin will reduce fat splashing and will help to keep the oven interior clean. Alternatively, to help reduce fat splashing, potatoes or other vegetables can be roasted around the meat/poultry.

Cook in main oven at: 160°C - 180°C (fanned) 180°C - 200°C (conventional)		Approximate Cooking Time (preheated oven)
Beef	Rare	20 minutes per 450g (1lb), plus 20 minutes
	Medium	25 minutes per 450g (1lb), plus 25 minutes
	Well done	30 minutes per 450g (1lb), plus 30 minutes
Lamb	Medium	25 minutes per 450g (1lb), plus 25 minutes
	Well done	30 minutes per 450g (1lb), plus 30 minutes
Pork		35 minutes per 450g (1lb), plus 35 minutes
Poultry		20 minutes per 450g (1lb), plus 20 minutes

Notes:

- i When cooking stuffed meat or poultry calculate the cooking time from the total weight of the meat plus the stuffing.
- i For joints cooked in foil or covered roasters, and for lidded casseroles, add 5 minutes per 450g (1lb) to the calculated cooking time.
- i Smaller joints weighing less than 1.25kg (2½lb) may require 5 minutes per 450g (1lb) extra cooking time.
- i Position the oven shelf so that the meat or poultry is in the centre of the oven.
- i It is recommended that the appliance is cleaned after open roasting.

ROAST TURKEY

Roasting turkey involves cooking two different types of meat – the delicate light breast meat, which must not be allowed to dry out, and the darker leg meat, which takes longer to cook.

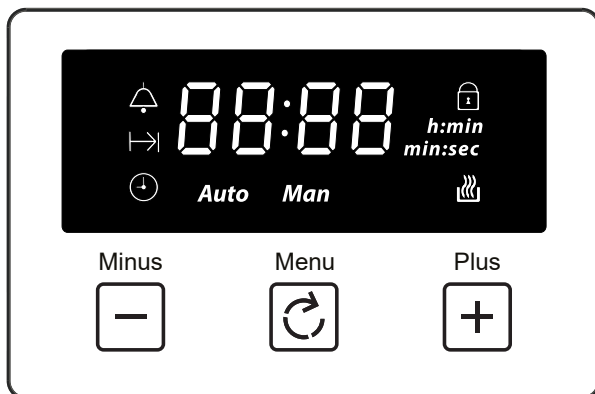
The turkey must be roasted long enough for the legs to cook, so frequent basting is necessary. The breast meat can be covered once browned.

To test if the turkey is cooked, push a fine skewer into the thickest part of the thigh. If the juices run clear, the turkey is cooked. If the juices are still pink, the turkey will need longer cooking.

- i** Always make sure that the turkey is completely thawed and that the giblets are removed before cooking.
- i** Turkey should be roasted at gas mark 5 for 20 minutes per lb, plus 20 minutes, unless packaging advises otherwise.
- i** The turkey can be open roasted, breast side down, for half of the cook time, and then turned over for the remainder of the cooking time.
- i** If the turkey is stuffed, add 5 minutes per 1lb to the cooking time.
- i** If roasting turkey covered with foil, add 5 minutes per 1lb to the cooking time.
- i** **Please note:** for all other Roasting guides refer to main oven section and see table.

CLOCK/PROGRAMMER - STOVES RICHMOND

- i** Please be aware that only the main oven is controlled by the programmer.
- i** **Note:** Your clock / programmer may not have all these functions



	Minute minder
	Cooking time / Duration
	Time of day
	Key Lock
	Auto cooking
Auto	Automatic mode
Man	Manual mode
L 11.21.3	Volume level
23:59	7-segment display
99:00	Max. adjustable minute minder
2:59	Max. adjustable cooking time
h:min	Display hours:minutes
min:sec	Display minutes:seconds

USING THE TOUCH CONTROLS

- Menu – Scroll through to select a function
- Plus – Increase time or volume
- Minus – Decrease time or volume

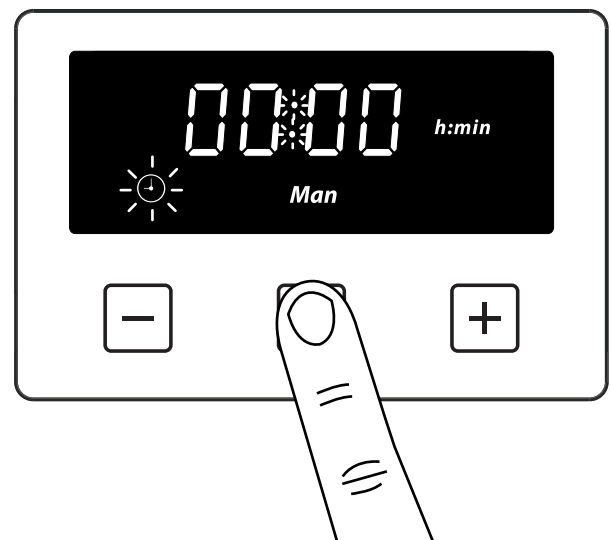
- i** When a function is selected and the time or volume is set, the chosen function will automatically start seven seconds after setting.

MANUAL MODE

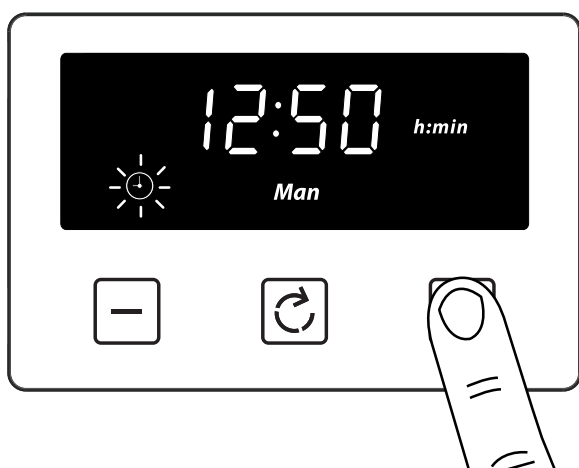
If the programmer is not in semi-automatic or full-automatic mode you can use oven functions manually. The manual icon is also on the display.

SETTING THE TIME OF DAY

By pressing menu, scroll through the functions until you reach 'time of day'.



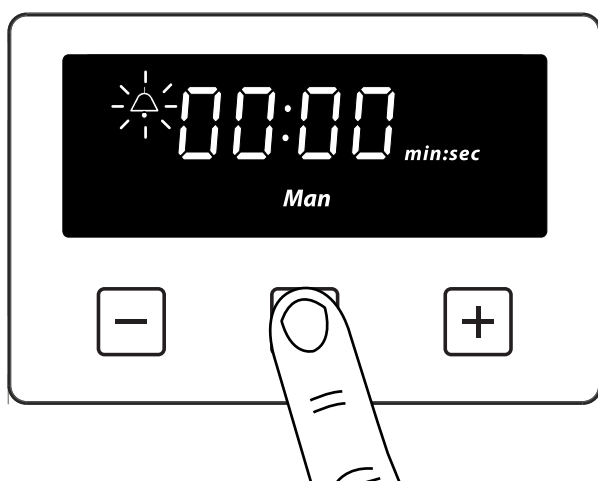
1. Press the function button until the 'time of day' symbol appears



2. Press the plus or minus buttons to set a time

SETTING THE MINUTE MINDER

The maximum cooking time that can be set is 99 minutes.



1. Press the function button until the 'minute minder' symbol appears



2. Press the plus or minus buttons to set a time

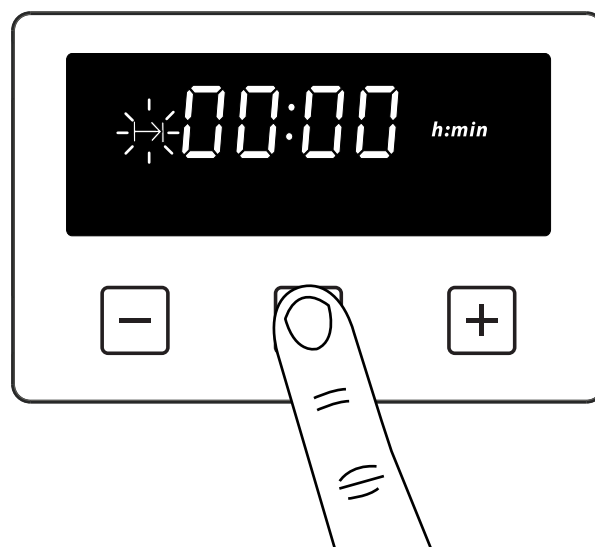
Once set, the minute minder will start to countdown in steps of seconds. The display will show the minute minder symbol and the remaining time. The countdown will continue in the background, if other functions are being set.

When the set time for the minute minder has completed, an alarm is heard and the minute minder symbol will flash on the display. Press any button to stop the alarm and the time of day is displayed.

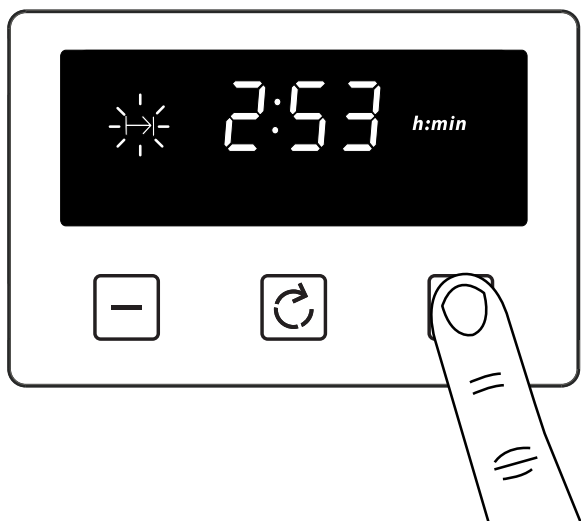
To modify or cancel the minute minder

Return to the minute minder function and use either the plus or minus buttons to adjust the time. By setting the time to '0.00', this will cancel the countdown.

SETTING THE COOKING TIME (SEMI AUTOMATIC COOKING)



1. Press the function button until the 'cooking time' symbol appears



2. Press the plus or minus buttons to set a time

Once set, the automatic mode, auto cooking symbol and the time of day is displayed.

When cooking is completed, an alarm is heard and the manual mode symbol flashes on the display. Press the Menu button to stop the alarm and then the 'time of day' will then be displayed. Pressing the Menu button again will return to manual mode.

- i** Note: Only the bottom left hand oven can use the Semi Automatic cooking function.
- i** The maximum cooking time that can be set is 23 hours and 59 minutes.

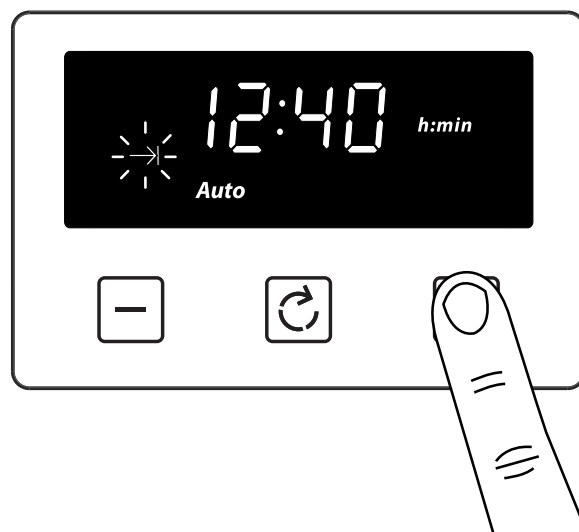
To modify or cancel the cooking time

Return to the 'cooking time' function and use either the plus or minus buttons to set the time. By setting the time to '0.00', this will cancel the countdown.

SETTING THE END OF COOKING TIME (FULLY AUTOMATIC)



1. Press the function button until the 'end of cooking time' symbol appears



2. Press the plus or minus buttons to set a time
- Enter cooking duration as described in 'Setting the cooking time' section.

The display shows the current 'time of day' plus the 'end of cooking time' symbol. The latest 'end of cooking time' is limited to the current 'time of day' plus the maximum time that can be set (23 hours and 59 minutes).

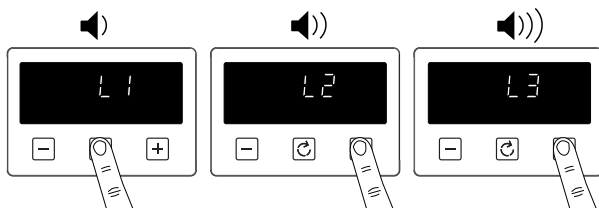
The auto cooking symbol disappears from the display once the time, the required cooking settings and temperature have been set. The appliance will not be switched on until the set cooking start time, that is the difference between the cooking end time and the cooking duration.

When cooking is completed, an alarm is heard and the manual mode symbol flashes on the display. Press the Menu button to stop the alarm and then the 'time of day' will then be displayed. Pressing the Menu button again will return to manual mode.

To modify or cancel the end cooking time

Return to the 'end of cooking time' function and use either the plus or minus buttons to set the time. The 'end of cooking time' can be deleted by counting back using the minus button until it equals the current time of day.

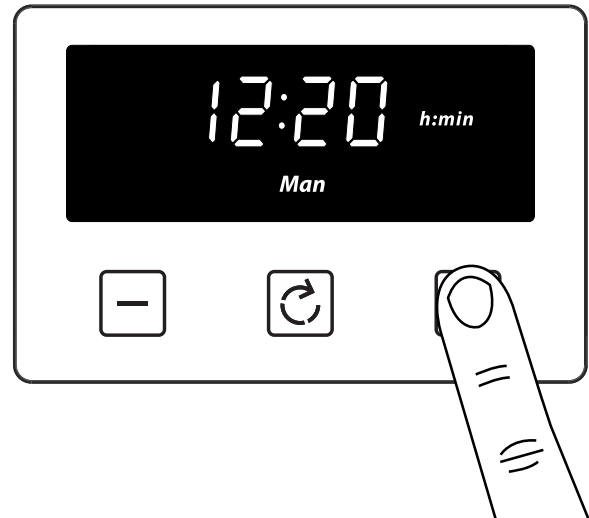
SETTING THE VOLUME



- Press the menu button until "LX" (X = 1, 2 or 3) flashes on the display. Use the plus or minus buttons to select a tone.

Note: Default tone is L3

ACTIVATING / DEACTIVATING KEY LOCK



- Press and hold the plus button for 3-5 seconds



Once the Key lock is active, the buttons will be inactive. A two beep signal will be heard if the buttons are pressed.

To deactivate the Key lock

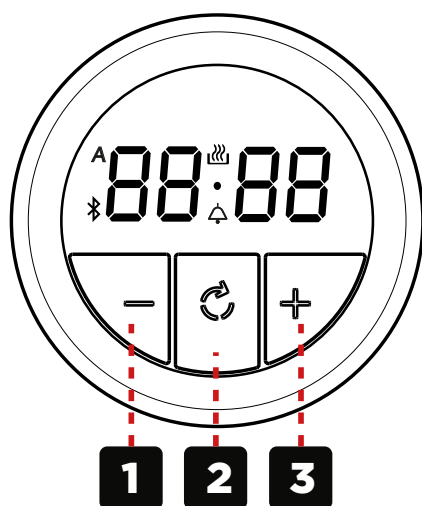
- Press and hold the plus button for 3-5 seconds. The Key lock symbol will disappear and the appliance can continue to be used.



Note: In case of main power loss for a short time (about 1.5 minutes), timer maintains its status.

Note: Key lock status and buzzer tone are memorized independent of the power loss duration.

CLOCK/PROGRAMMER - STOVES STERLING

Note: Your clock / programmer may not have all these functions



1	Minus
2	Function
3	Plus
	Auto cooking
	Minute minder
Auto	Automatic mode
23:59	7-segment display
23:59	Max. adjustable minute minder
23:59	Max. adjustable cooking time

USING THE TOUCH CONTROLS

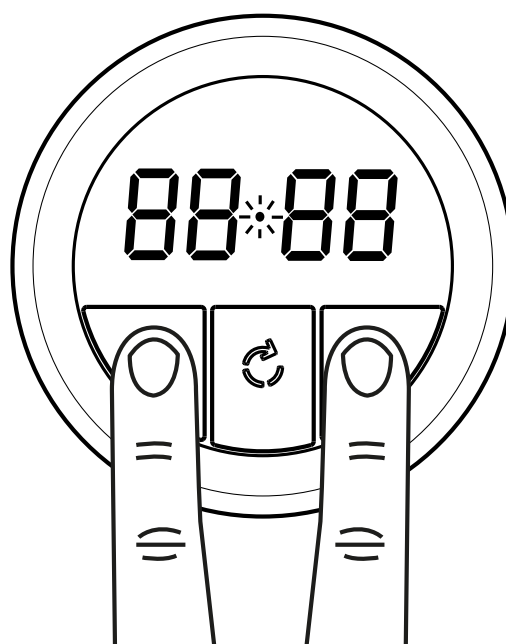
- Menu – Scroll through to select a function
- Plus – Increase time or volume
- Minus – Decrease time or volume

Note: When a function is selected and the time or volume is set, the chosen function will automatically start seven seconds after setting.

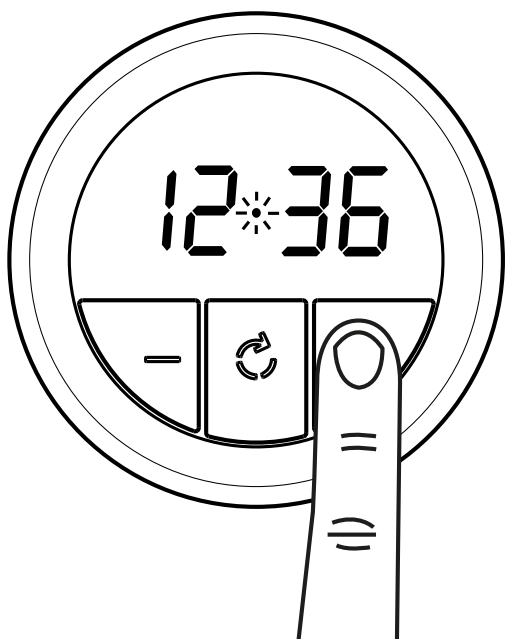
MANUAL MODE

If the programmer is not in semi-automatic or full-automatic mode you can use oven functions manually. The manual icon is also on the display.

SETTING THE TIME OF DAY

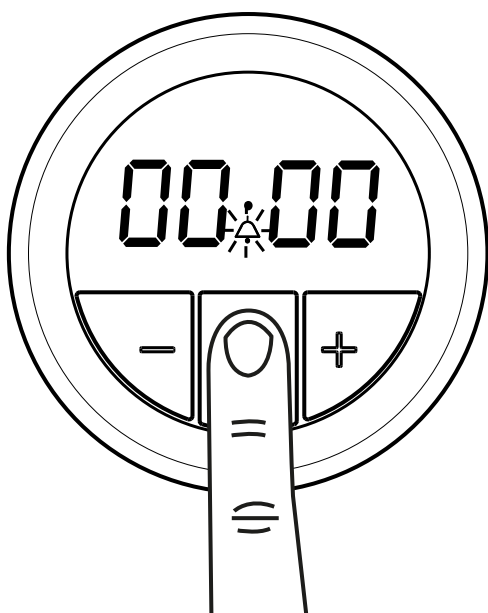


1. Press and hold the minus and plus buttons until the dot begins to flash

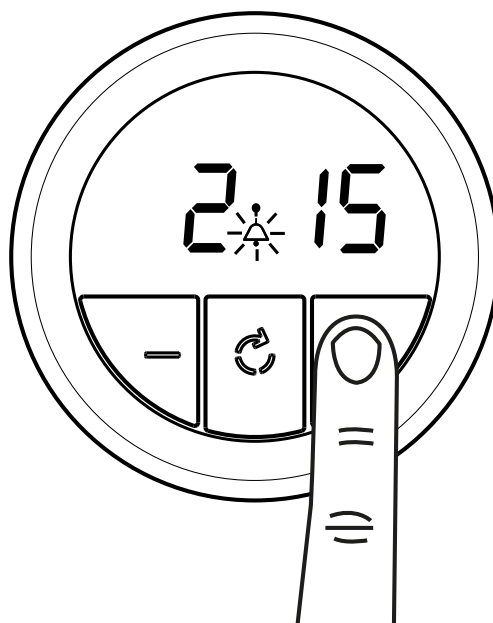


2. Press the minus or plus buttons to set the time of day

SETTING THE MINUTE MINDER



1. Press the function button until the bell symbols begins to flash



2. Press the minus or plus buttons to set a time

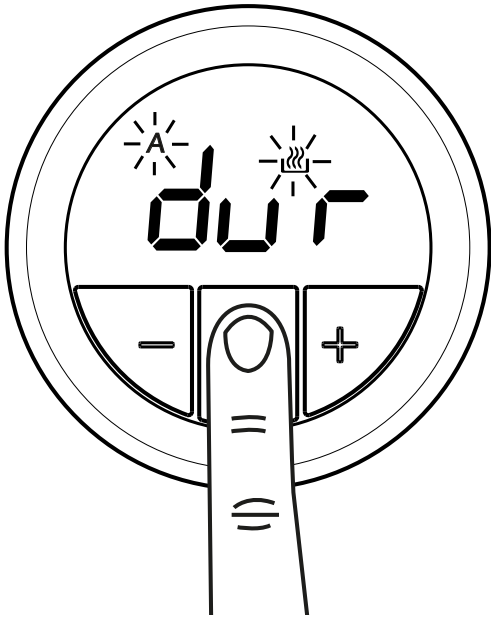
During countdown, the minute minder has priority on the display, which will show (in minutes : seconds, or hours : minutes) the time remaining.

When the set time for the minute minder has completed, an alarm is heard and the minute minder symbol will flash on the display. Press any button to stop the alarm and the time of day is displayed.

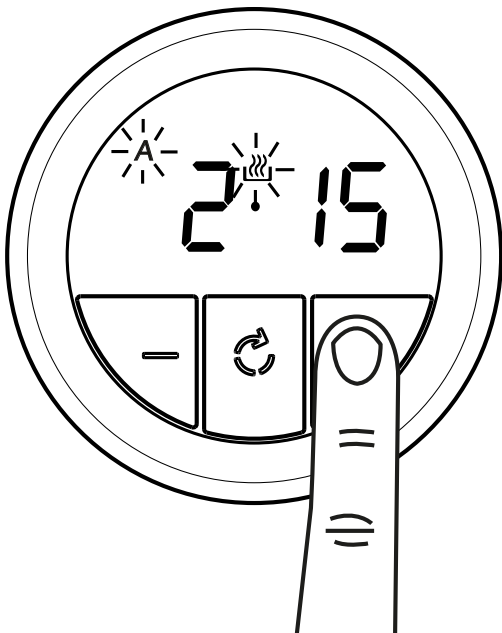
To modify or cancel the minute minder

Return to the minute minder function and use either the plus or minus buttons to adjust the time. By setting the time to '0.00', this will cancel the countdown.

SETTING THE COOKING TIME (SEMI AUTOMATIC COOKING)



1. Press the function button until 'dur' appears on the display



2. Press the minus or plus buttons to set a time

Once set, the automatic mode, auto cooking symbol and the time of day is displayed.

To see the remaining cooking time, press the function button twice.

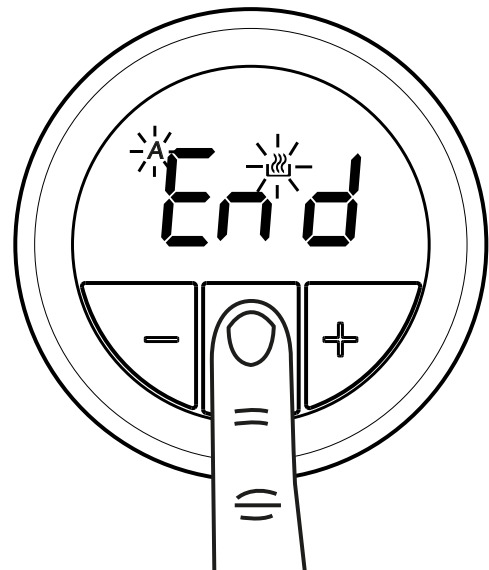
When the set time has completed, an alarm is heard. Press any button to stop the alarm. The time of day is then displayed.

To modify or cancel the cooking time

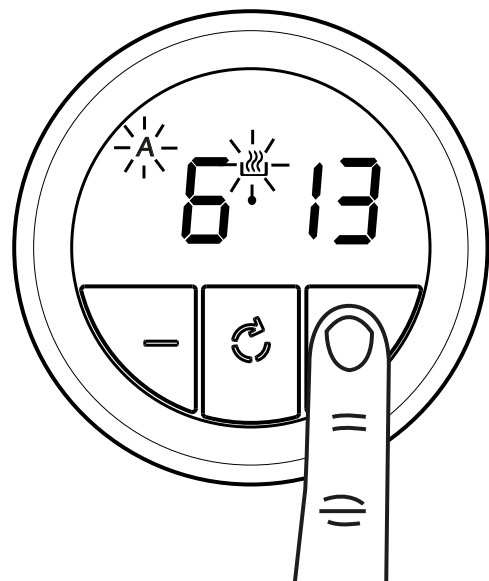
To modify, press the function button until 'dur' appears on the display then press either the minus or plus button to set the time. To cancel, press the function button until 'dur' appears on the display then press the plus button until 0.00

SETTING THE END OF COOKING TIME (FULLY AUTOMATIC)

Enter cooking duration as described in 'Setting the cooking time' section.



1. Press the function button until 'end' appears on the display

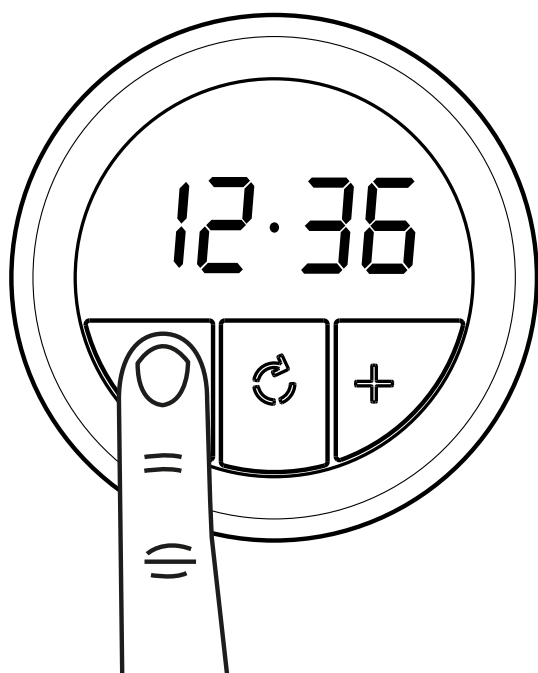





2. Press the minus or plus buttons to set a time

To modify or cancel the end cooking time

To modify, press the function button until 'end' appears on the display then press either the minus or plus button to set the time. To cancel, press the function button until 'end' appears on the display, then press the minus button until the set time of day appears.

SETTING THE ALARM TONE



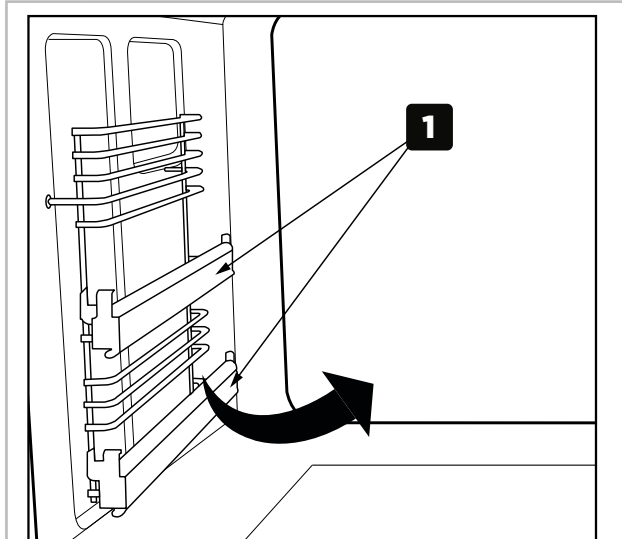
	First tone
	Second tone
	Third tone

Press and hold the minus button to listen to the first tone, then release the minus button and press it again to listen to the second tone, then the third tone.

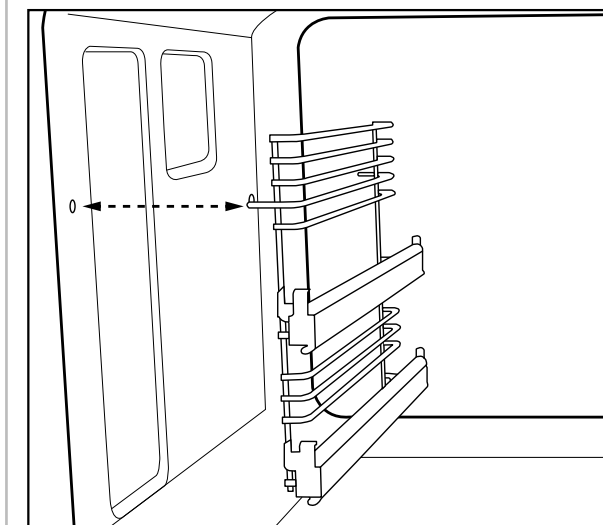
Releasing the minus button after a tone has sounded, will automatically select that tone.

REMOVING SHELF RUNNERS

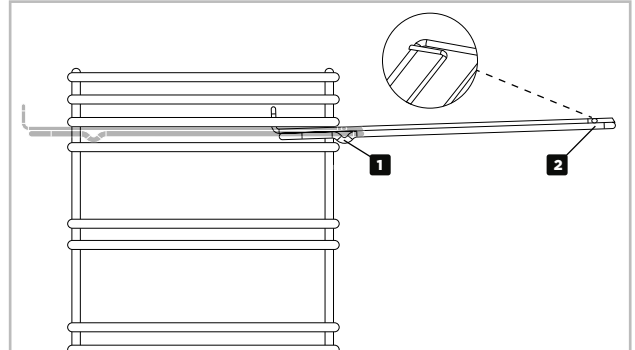
REMOVING SHELF RUNNERS



1 Telescopic positions (if fitted)



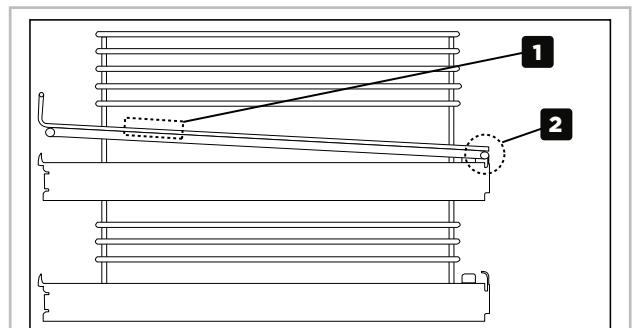
STANDARD SHELVES



Front of appliance

1. Slightly raise the shelf and insert in the chosen shelf position
2. Ensure the shelf is fully pushed back towards the back of the oven, until the shelf stopper is reached.

REMOVING TELESCOPIC SHELVES (IF FITTED)



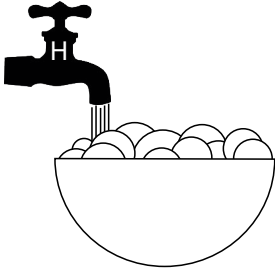
Front of appliance

- 1** Grasp and lift shelf
- 2** Lift shelf from the retaining tabs

i Before removing the shelves completely, please make sure that the shelf is unclipped from the retaining tabs.

CLEANING YOUR APPLIANCE

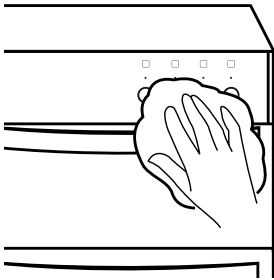
DO'S



- Warm, soapy water



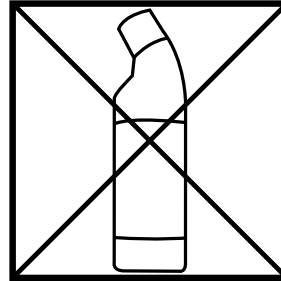
- Clean, wrung out cloth



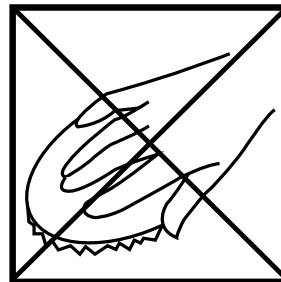
- Wipe with damp cloth
- Dry with a soft cloth

- i** **Note:** Always switch off your appliance and allow it to cool down before you clean any part of it.
- i** **Note:** Please take extra care when cleaning over the symbols on the control panel, as this can lead to them fading.
- i** **Tips:** Some foods can mark or damage the metal or paint work e.g.; Vinegar, fruit juices and salt. Always clean food spillages as soon as possible.

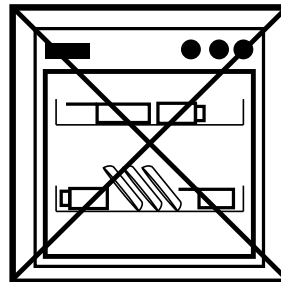
DON'TS



- Undiluted bleaches
- Chloride products



- Wire Wool
- Abrasive cleaners
- Nylon pads
- Steam cleaners



Do not place in the dishwasher:

- Cast iron griddle
- Pan supports

- !** It is important to clean your appliance regularly as a build up of fat can affect its performance or damage it and may invalidate your guarantee.
- !** In addition to the above, do not use metal scrapers to clean the oven door glass.
- i** We offer a great range of cleaning products and accessories for your appliance. To shop, please visit our website located at the front of this User Guide.

TECHNICAL DATA

⚠ WARNING – This cooker must be earthed

GAS - RANGE

Data badge	Lower part of the front frame
Appliance class	Class 1 - freestanding cooker
Electrical supply	220 - 240V ~ 50 Hz
Load	4000 - 4780 W Please check data badge for the specific electrical load of your appliance.
Max. heat input	ΣQ_n 9.00 kW
Type of gas	This cooker can be used with Natural Gas and LPG. Please see data badge for your specified gas type. Can be converted from natural gas to LPG. Never attempt to convert an appliance unless the data badge states you can.
Gas category	Natural gas I2H Natural gas II2H3+
Gas pressure settings	G20 Natural gas @ 20 mbar G30 Butane @ 28-30 mbar G31 Propane @ 37 mbar
Burner Aeration	Fixed
Ovens and Grill	Electric
Hob	Burners have burner heads and caps which are removable for cleaning. Concealed electrodes to each burner.

Burner / Element	Nominal rate Q_n ()	Injector size G20	Injector size G30/G31
Hob - small	1.0	77	50
Hob - medium	2.0	104	70
Hob - large	3.0	129	87

Burner / Element	Nominal rate Qn (kW)		Injector size	
	G20/G30	G31	G20	G30/G31
Hob - small	1.0	0.9	77	50
Hob - medium	2.0	1.8	104	70
Hob - large	3.0	3.0	129	87
Max. heat input	ΣQn 9.00 kW		-	-

Electrical supply / load

Fuel Type	Electrical components	Load (W)
Electric	Grill	2800
	Top Oven	1400
	Main Oven	2000
	Maximum electric load	4865

 All electric ratings given at 240V

CUSTOMER CARE

FAQS

What parts of the appliance can be washed in a dishwasher?

- Any enamelled parts such as the grill pan can be cleaned in a dishwasher, as can oven shelves and shelf guides.

What parts must NOT be cleaned in a dishwasher?

- Parts such as burner skirts and caps, control knobs and any cast iron items must not be cleaned in a dishwasher, they should be cleaned with hot soapy water and a nylon brush once they are cool enough.

There's been a power failure and the product won't work.

- Switch off the electricity supply.
- When the power returns switch the electricity supply back on and re-set any programmer/clock to the correct time of day.

My oven is a single combined oven and grill – can I use both functions together?

- No. You can only use one or the other.

Why is there condensation on the doors?

- Condensation is caused by hot, moist air meeting a cooler surface (i.e. the oven door). You cannot always prevent it, but you can minimise it when it happens by doing the following:
- Pre-heat the oven at a high temperature before putting food in the oven, and cover the food you are cooking wherever possible.
- Whenever you can, cook wet foods at higher temperatures.
- Don't leave food in the oven to cool down.
- Automatic cooking will normally produce condensation when the oven is cooling down with food inside.

Should the cooling fan continue to run once the appliance has been switched off?

- Yes. This is to make sure that you can always touch the control knobs to make temperature adjustments, and turn your appliance off.

What is a Multifunction oven?

- A multifunction oven combines a variety of features, which are explained fully earlier in this book (if fitted), it allows you more flexibility when cooking.

The neon on my appliance keeps going out and coming back on again – is this right?

- Yes. In most cases the neon (if fitted) will cycle on and off to show that oven is maintaining your temperature choice.

Can all gas appliances be converted from Natural Gas to LP Gas?

- Not all gas appliances can be converted. If Category II is stated on the databadge, then the appliance may be converted and a conversion kit must be obtained if not already provided. If in doubt, please contact Customer Care for further advice – do not attempt to convert an appliance if it is not compatible.

Why won't the ignition work?

- Check there is a spark when the ignition button is depressed. If there is no spark, check the electricity supply is switched on at the socket. Check that the gas supply is switched on.

Call Customer Care for a Service Engineer's visit if:

- You find that the oven becomes hotter at a particular temperature – the thermostat may need replacing.
- The cooling fan fails to work.

CUSTOMER CARE WEB SHOP

Having purchased a superior cooker, hob or hood from us, you'll naturally want to keep it looking great. And who better to help you care for it than the manufacturer?

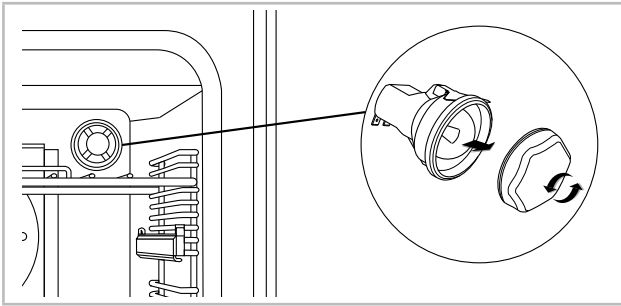
We offer an extensive range of accessories, components and cleaning products which, will instantly give your cooker a good as new look.

In addition to the list of our most popular products below, we also have an exciting range of Bakeware and Cookware essentials including Roasting Pans, Cake Tins and Non-Stick Cooking Liners.

For all enquires, please visit our Web Shop at www.gdhaonline.co.uk or call the Spares Sales Team. For countries outside the UK, please contact your local service agent.

Product Description	Where used	Purpose
Ceramic Hob Cleaner	All Ceramic glass hobs including Induction	Enables easier cleaning of your ceramic hob. Prevents build up of mineral deposits. Best used with Ceramic Hob Scraper Kit. 300ml bottle.
Ceramic Hob Scraper kit	All Ceramic glass hobs including Induction	Ideal for removing cooked on marks from ceramic glass hobs Best used with Ceramic Hob Cleaner.
Sealed Hotplate Conditioner	All sealed/solid plate hobs	Restores the sleek matt black finish to solid hotplates.
Multipurpose Kitchen Cleaner	General kitchen cleaner	Excellent multipurpose cleaner, For use around the kitchen. 500ml bottle.
Oven Cleaner	All cooking appliances.	Cuts through grease & burnt on grime. 500ml bottle.
Restor-A-Cloth	All cooking appliances.	Chemical free cleaning cloth Ideal for cleaning & polishing glass & stainless steel.
Stainless Steel Cleaner	All stainless steel parts	Oil based cleaner. Perfect for removing stubborn & greasy marks. 300ml bottle.
Rectangular carbon filters	Cooker Hoods	New filters, help to maintain efficient cooker hood operation and keep your Kitchen odour free.
Round Carbon Filters	Cooker Hoods	New filters, help to maintain efficient cooker hood operation and keep your Kitchen odour free.

CHANGING THE LIGHT BULB



1. Remove the oven shelves.
2. Unscrew the lens cover by turning anticlockwise.
3. Remove the bulb and replace.
4. Replace the lens cover and oven back.

⚠ There is a risk of electric shock, so always make sure you have turned off and unplugged your appliance. Always allow the product to cool down before you change a bulb.

- i** Bulbs can be purchased from hardware stores (always take the old bulb with you).
- i** Please remember that bulbs are not covered by your warranty.

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MADE BETTER

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