

# Users Guide & Installation Handbook



Belling FSE 60 DOP

**belling**<sup>®</sup>

think of everything

### **IMPORTANT NOTICE**

Please note the cooling fan fitted to this appliance is an integral part of its safety and functionality.

When the appliance is installed care must be taken that the cooling fans performance is not impeded by any objects coming into contact with it. (Installation pipes, leads etc)

Care must also be taken that there is sufficient air flow at the rear of the appliance for the cooling fan to run at its optimum efficiency. (Particularly Built In appliances) See clearance dimensions in the installation section of the booklet.

During use the Appliance must never be disconnected from the Mains supply as this will seriously affect the safety and performance of the appliance, particularly in relation to surface temperatures becoming hot and gas operated parts not working efficiently.

The cooling fan is designed to run on after the control knob has been switched off to keep the front of the appliance and the controls cool until the appliance has naturally cooled itself.

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*Please keep this handbook for future reference, or for anyone else who may use the appliance.*

# INTRODUCTION

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## **Thank you for choosing a British built appliance by Belling.**

We hope that the following information will help you to quickly familiarise yourself with the features of the appliance, and to use it successfully and safely.

Our policy is one of constant development and improvement. Strict accuracy of illustrations and specifications is not guaranteed. Modification to design and materials may be necessary subsequent to publication.

This cooker may be sited with cabinets on both sides, or it may be free standing. Sufficient space should be allowed at either side of the cooker to enable it to be pulled out for cleaning and servicing.

Please read the instructions in this handbook before using or installing this appliance. All installation and servicing work must be carried out by a competent person.

## **Your 1st Year Guarantee**

To fulfil the conditions of your guarantee, this appliance must be correctly installed and operated, in accordance with these instructions, and only be used for normal domestic purposes.

Please note that the guarantee, and Service availability, are only available in the UK and Republic of Ireland.

## **Moving the cooker**

Do not attempt to move the cooker by pulling on the doors or handles. Open the oven or grill door and grasp the frame of the cooker, taking care that the door does not shut on your fingers.

Take care to avoid damage to soft or uneven floor coverings when moving the appliance. Some cushioned vinyl floor coverings may not be designed to withstand sliding appliances without marking or damage.

**Before using the appliance** for the first time, remove any protective polythene film and wash the oven shelves and shelf runners in hot soapy water to remove their protective coating of oil. Even so, when you first turn on the oven or grill you may notice a smell and some smoke.

## **Glass door panels**

To meet the relevant Standards of Domestic cooking appliances, all the glass panels on this appliance are toughened to meet the fragmentation requirements of BS3193. This ensures that, in the unlikely event that a panel breaks, it does so into small fragments to minimise the risk of injury.

Please take care when handling, using or cleaning all glass panels, as any damage to the surfaces or edges may result in the glass breaking without warning or apparent cause at a later date. Should any glass panel be damaged, we strongly recommend that it is replaced immediately.

# INTRODUCTION

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## **The cooling fan**

When the top oven and grill are in use, you will hear the cooling fan come on. This keeps the fascia, control knobs and components cool during cooking. The cooling fan may also operate when the main oven is used.

The cooling fan may continue to operate for a period of time after the controls have been switched off.

When hot and cold air meet, condensation forms. Some condensation may form on doors or on the fascia glass. This is normal and will disappear within 10 - 15 minutes.

## **Environmental Protection**

We are committed to protecting the environment and operate an Environmental Management System which complies with BS EN ISO 14001,

## **Disposal of packaging**

- All our packaging materials are recyclable and environmentally friendly.
- Please help us to protect our environment by disposing of all packaging in an environmentally friendly manner.
- Please contact your local authority for the nearest recycling centre.

**Caution:** Packaging materials can pose a risk of suffocation - keep away from children.

## **Electrical connection**

Please refer to installation instructions for electrical connection.

In your own interest, and that of safety, make sure that the installation is carried out by a competent person.

Disconnection of electric appliances should always be carried out by a competent person.

**Warning:** This appliance must be earthed.

## **To replace an oven light bulb**

**Caution:** Switch off the electricity supply to the cooker at the socket, to avoid the risk of electric shock.

Wait until the oven is cool, then remove the shelves.

The oven light is at the rear of the oven cavity.

Remove the loose oven back - unscrew the 4 securing screws (one at each corner).

Unscrew the lens cover (turn anticlockwise). Unscrew the bulb and replace. Replace lens cover.

Replace oven back.

Please note that the oven light bulb is not covered by the guarantee. Replacement bulbs can be ordered from your local supplier, or bought from a hardware store.

# BE SAFE - NOT SORRY

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## **When you are cooking, keep children away from the vicinity of the appliance.**

This product is designed as a domestic cooking appliance for the preparation and cooking of domestic food products, and should not be used for any other purpose.

- Make sure you read and understand the instructions before using the appliance.
- Remove all packaging, protective films and oils from the appliance before using for the first time.
- Keep electrical leads short so they do not drape over the appliance or the edge of the worktop.
- Keep all flammable materials (such as curtains, furnishings & clothing) away from the appliance.
- Never use the appliance for heating a room.
- Parts of the appliance may be hot during or immediately after use. Care should be taken to avoid touching heating elements inside the oven. Allow sufficient time for the appliance to cool after switching off.
- Do not use the oven with the door inner glass panel removed.
- Do not drape tea towels over the flue vents or doors, as this creates a fire hazard.
- Switch off the electricity supply before replacing the oven light bulb, to avoid the risk of electric shock.
- Do not use aluminium foil to cover the grill pan, or put items wrapped in foil under the grill, as this creates a fire hazard. The high reflectivity can also damage the element.
- Do not use foil on oven shelves, or allow it to block the oven flue, as this creates a fire hazard, and prevents heat circulation.
- When cooking heavy items - eg; turkeys - do not pull the oven shelf out with the item still on the shelf.
- When opening the appliance door, take care to avoid skin contact with any steam which may escape from the cooking.
- Use oven gloves when removing hot food / dishes from the oven or grill. The oven / grill and utensils will be very hot when in use.
- **Warning:** This appliance must be earthed.
- All installation, servicing and maintenance work should be carried out by a competent person who will comply with current Regulations, Standards and Requirements.
- **When you have finished cooking check that all controls are in the off position.**

# USING THE HOB

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**Warning:** Do not use the ceramic hob if the glass surface is cracked, as electrical parts are immediately beneath. Switch off the appliance at the supply to prevent electric shock and contact your supplier.

## **Before using the hob for the first time**

Before using the hob for the first time, apply a thin coating of cleaner conditioner and polish the surface with a clean dry cloth.

The conditioner gives a protective covering to the ceramic glass which not only makes the hob easier to clean, but also ensures you will gain maximum life out of this product.

## **Using the hotplate elements**

To switch on, turn the control knob for the selected hob element to the desired setting.

*Note:* The marked settings on the hob controls do not indicate any set temperature and cannot be used to compare the performance of one ring with another.

The hob rings may cycle on and off automatically during use as a means of regulating heat output.

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

## **Care and cleaning**

See 'Cleaning the Hob' section.

## **WARNING!**

The hob surface remains hot after use.  
DO NOT TOUCH.

# USING THE HOB

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## Using the hotplate

- Commercial simmering aids should not be used as they create excessive temperatures that can damage the surface and may cause a hazard.
  - Do not place aluminium foil or plastic utensils on the ceramic glass, as they may melt and damage the surface.
  - Do not use the ceramic glass hotplate surface for storage.
  - When cooking with fat or oil, never leave unattended.
  - Turn pan handles to a safe position, so they are out of reach of children, not overhanging the appliance, and cannot be caught accidentally.
  - Position pans over the centre of the hotplate elements.
  - Do not use the hob as a chopping board or a storage area, as this increases the likelihood of it being damaged - eg; plastic utensils placed on a warm hob may melt onto it, and damage the ceramic glass surface.
  - Aluminium foil must not be placed on the hob as it will reflect any heat back into the element, which can damage it.
  - Leaving a hotplate on for a length of time, without it being covered by a pan, causes overheating of surrounding areas which could damage the glass.
- Be careful when cooking foods in salted water, or foods containing large amounts of sugar, syrup or jam - if they are spilt onto hot areas of the hob they may damage it.
  - Lift pans onto and off the surface, rather than sliding them across the surface, to avoid marks and scratches.
  - If you use a wet paper towel to remove spills from a warm heating area of the hob, be careful to avoid steam burns.
  - Do not use abrasive powder cleaners, metal wire wool pads, impregnated plastic pads, detergents, bleaches, bath stain removers, or chemical oven cleaners; all these types of products will damage the ceramic glass.



# USING THE HOB

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## **To save energy**

- Always position pans centrally over the heating area.
- Put lids on saucepans and only heat the amount of liquid you need.
- When liquids boil, reduce the control setting to maintain a simmer.
- Consider the use of a pressure cooker for the cooking of a complete meal.
- Vegetables will cook quicker if chopped in smaller pieces.
- Larger heating elements are ideal for faster cooking methods, such as boiling or frying, and for larger pans. Smaller heating elements are ideal for simmering and stewing, and for smaller pans.
- Do not use a pan which is too small or too large for the heating area - refer to notes on next page.

## **Choice of pans**

The choice of cookware is important if you are to achieve maximum benefit from cooking with a ceramic hob.

Ceramic hobs are not only easy to clean, they are also energy efficient if you use the right pans to suit the surface.

When buying new pans, always refer to the manufacturer's guidelines.

For best results and energy efficiency, it is important to use flat bottomed pans of the correct type, especially on ceramic glass hobs.

Always use pans which are large enough to prevent spillage, especially for deep frying, or when cooking with a sugar based substance.

Trivets, round based woks, heat diffuser pads and over-sized pans are not recommended.

Do not use double pans, rim based pans, old misshapen pans or any pan which is unstable when placed on a flat surface.

# USING THE HOB

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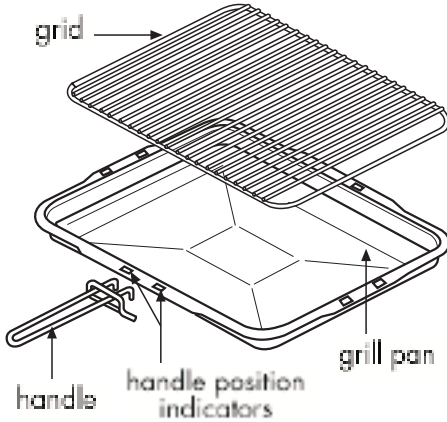
## Type and size of pan

- Cast iron, stainless steel, or enamelled steel pans are all suitable for use on ceramic glass hobs.
- Aluminium pans will give good cooking results but care must be taken in their use. If they are slid across the surface of the hob they tend to leave visible marks which can be difficult to remove.
- Certain makes / brands of pressure cookers may not be suitable for use on ceramic hobs - they do not come to pressure. Stainless steel pressure cookers will give optimum results.
- Glass pans can be used but the glow from the heating areas transmitted through transparent glass may cause some visual discomfort.
- Avoid using double pans or old misshapen pans which are unstable and dangerous.
- Certain types of copper based pans may become slightly concave when heated, which can result in slower cooking times.
- Always use pans which are large enough to avoid overflows onto the ceramic hob, especially if a pan contains any sugar / sugar based substance, as this is corrosive and can damage the ceramic glass surface.
- Pan bases should be thick, flat, and smooth, to ensure maximum contact with the hob, maximum heat conduction and rapid cooking times.
- Pans with dull or dark coloured bases will give the quickest cooking results.
- Pans with highly polished bases can reflect heat back into the hob causing the hotplate to cycle on and off more rapidly than normal, which can slow down cooking.
- Pans with thin, dented or ridged bases should not be used. They will not make maximum contact with the hob, which can result in very slow cooking times.
- The right size of pan base will ensure maximum contact with the hob and rapid cooking times.
- Use pans with a flat base of minimum 100mm / 4" diameter and maximum 280mm / 11" diameter which are stable in use.
- Pan bases that are much smaller or much larger than the hotplate - eg; by 50mm / 2" - will result in slower cooking times.

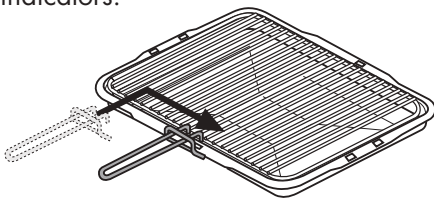
# USING THE GRILL

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

## Detachable grill pan handle



Place the handle over the edge of the grill pan, at the narrow side edges. Slide the handle to the centre, and locate between the handle position indicators.



The handle should be removed from the pan during grilling, to prevent overheating.

The handle is designed for removing / inserting the grill pan under the grill when grilling.

If cleaning the grill pan when it is hot, use oven gloves to move it. Do not use

the handle to pour hot fats from the grill pan.

Food for grilling should be positioned centrally on the trivet.

## Aluminium foil

Using aluminium foil to cover the grill pan, or putting items wrapped in foil under the grill can create a fire hazard, and the high reflectivity can damage the grill element.

## The cooling fan

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

# USING THE GRILL

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## Using the grill

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

The top oven grill has 3 heat settings as follows:-



Full grill area at 1/4 power.



Centre grill area at full power.



Full grill area at full power.

## **Preheating**

For best results, preheat the grill for 3 - 5 minutes.

## **To switch on the grill**

Open the top oven / grill door.

Turn the top oven control knob past the oven temperature markings to the required setting.

**Important:** The door must be kept open when the grill is used.

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

For grilling smaller quantities of food the centre (economy) grill can be utilised.

For grilling larger quantities of food, the full grill can be utilised.

When using the grill in the top oven, the speed of grilling can be controlled by adjusting the grill setting or by selecting a higher or lower shelf position.

For toasting, and for grilling foods such as bacon, sausages or steaks, use a higher shelf position.

For thicker foods such as chops or chicken joint pieces, use the low shelf position.

# USING THE TOP OVEN

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**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.

The top oven is a conventional oven

*Note:* The top oven is not controlled by the programmer.

## **To turn on the top oven**

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

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.

*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.

## **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.

## **Preheating**

The oven must be preheated when

cooking frozen or chilled foods, and we recommend preheating for yeast mixtures, batters, soufflés, and whisked sponges.

Preheat the oven until the indicator light switches off for the first time, this will take up to 20 minutes depending on the temperature selected.

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.

## **Shelf positions**

There are 2 shelf positions which 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 upstand at the rear of the oven and facing up. 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.

## **When using the top 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.

# Using the Top Oven

## Top oven baking guide

### **Cooking times**

These times are based on cooking in a preheated oven.

These cooking times are approximate, because the size and type of cooking dish will influence time as personal preferences.

### **Shelf positions**

As a general guide, when cooking frozen or chilled food, use the highest possible shelf position, while allowing some clearance between the food and the top element. Follow the instructions given on packaging.

## **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 setting to that shown in the guide, the recipe instruction should be followed.

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

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

<b>Item</b>	<b>Temperature °C</b>	<b>Shelf position</b>	<b>Approximate cooking time</b>
Small cakes	180	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

# Using the Main Oven

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

## **To switch on the oven**

Turn the oven control knob clockwise to the required setting.

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.

*To switch off*, return the control knob to the "off" position.

## **When using the oven**

As part of the cooking process, hot air is expelled through a vent at the rear of the oven. 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.

## **Preheating**

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

## **Manual Operation**

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 up and down buttons simultaneously. Any programme which has been set is cancelled.

## **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.

# Using the Main Oven

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## Oven furniture

### **Oven shelves**

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

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.

### **Baking tray and roasting tins**

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


Baking tray      350mm x 280mm

This size of baking tray will hold up to 16 small cakes.

Roasting tin      370mm x 320mm

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

### **Slow cooking ( Setting)**

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

### **Aluminium foil**

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



# Using the Main Oven

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## **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 or stocking the freezer - as all the items will be cooked within the same length of time.

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.

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

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.

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:**

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

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.

Although you need to keep in mind the points '*To help the air circulate freely*' with careful choice of dishes and tins, it is possible to cook a complete meal, and perhaps something else for the freezer, in the oven at the same time.

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.

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

## **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.

# Using the Main Oven

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## **Defrosting and cooling in the main oven**

To **defrost** frozen foods, turn the main 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**

Small or thin pieces of frozen fish or meat - eg; fish filets, prawns & mince will take approximately 1 - 2 hours.

Placing the food in a single layer will reduce the thawing time.

A medium sized casserole or stew will take approximately 3 - 4 hours.

A 1½kg / 3lb oven ready chicken will take approximately 5 hours, remove the giblets as soon as possible.

## **Be safe**

Do not defrost stuffed poultry using this method.

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

Never place uncooked food for defrosting next to cooked food which is to be cooled, as this can lead to cross contamination.

Defrosting meat, poultry, and fish can be accelerated using this method but make sure they are completely thawed before cooking thoroughly. Place meat and poultry on a trivet in a meat tin.

## **Main oven baking guide**

### **Cooking times & temperatures**

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.

Allow enough space between shelves for food that will rise during cooking.

Do not place items on the oven base as this will prevent air circulating freely.

# MAIN OVEN CONVERSION GUIDE

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Note: this is a high efficiency oven, therefore some adjustment will have to be made to **conventional** cooking temperatures. The table below shows conventional cooking temperatures, 'A' efficiency temperatures and gas marks. For optimum results, conventional temperatures need to be converted to 'A' efficiency temperatures.

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

Conventional temperature (°C)	'A' Efficiency 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

# USING THE OVENS

## Baking guide

<b>Dish</b>	<b>Recommended temperature °C</b>	<b>Approximate cooking time (preheated oven)</b>
Scones	180	8 - 15
Meringues	110	2 - 3hrs
<b>Cakes</b>		
Small cakes	160	15 - 25mins
Whisked sponge	160	15 - 20 mins
Swiss roll	170	10 - 12 mins
Victoria sandwich (2 x 180mm / 7")	160	20 - 30 mins
Genoise sponge	160	20 - 25 mins
Madeira (180mm / 7")	160	1hr - 1¼ hrs
Semi rich fruit cake (205mm / 8")	130	2½ - 3hrs
Christmas cake (205mm / 8")	depending on recipe	depending on recipe
Dundee cake (205mm / 8")	130	2½ - 3hrs
<b>Pastry</b>		
Flaky / Puff	180	depending on
Shortcrust	170	recipe and type
Choux	170	of filling
Plate tarts (2 x 180mm / 7")	170	
<b>Biscuits</b>		
Shortbread rounds	160	20 - 25 mins
Nut brownies	170	20 - 25 mins
Brandy snaps	160	10 - 12 mins
Flapjacks	160	20 - 25 min
Ginger nuts	160	10 - 20 mins

# Using the Ovens

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## **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.

- Follow the temperatures suggested in the recipe and then adjust accordingly to the conversion table on page 12.
- Do not attempt to make Christmas cakes larger than the oven can cope with, you should allow at least 25mm (1 inch) space between the oven walls and the tin.
- Always follow the temperatures recommended in the recipe.
- To protect a very rich fruit cake during cooking, tie 2 layers of brown paper around the tin.
- We recommend that the cake tin is not stood on layers of brown paper, as this can hinder effective circulation of air.
- Do not use soft tub margarine for rich fruit cakes, unless specified in the recipe.
- Always use the correct size and shape of tin for the recipe quantities.

## **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.

- Always make sure that the turkey is completely thawed and that the giblets are removed before cooking.
- Turkey should be roasted at 150°C - 160°C for 20 minutes per lb, plus 20 minutes, unless packaging advises otherwise.
- 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.
- If the turkey is stuffed, add 5 minutes per 1lb to the cooking time.
- If roasting turkey covered with foil, add 5 minutes per 1lb to the cooking time.

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.

# Using the Ovens

## 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 overnight.

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.

## **Notes:**

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

<b>Cook in oven at:</b> <b>160°C - Main Oven</b> (Fanned) <b>180°C - Top Oven</b> (Conventional)		<b>Approximate Cooking Time</b> (preheated oven)
<b>Beef</b>	Rare Medium Well done	20 minutes per 450g (1lb), plus 20 minutes 25 minutes per 450g (1lb), plus 20 minutes 30 minutes per 450g (1lb), plus 30 minutes
<b>Lamb</b>	Medium Well done	25 minutes per 450g (1lb), plus 25 minutes 30 minutes per 450g (1lb), plus 30 minutes
<b>Pork</b>		35 minutes per 450g (1lb), plus 35 minutes
<b>Poultry</b>		20 minutes per 450g (1lb), plus 20 minutes

# USING THE OVENS

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## **Automatic cooking**

The automatic cooking facility is controlled by the programmer (see 'Programmer / Clock' section) and allows complete meals or individual dishes to be cooked while you are out of the house, to be ready for when you return. The 'READY TIME' should be set as close as possible to, or just after, your anticipated return, so food is not left standing in a warm oven.

## **Do**

- Select foods which are as fresh as possible, and as cold as possible - ie; preferably straight from the refrigerator.
- Choose foods which are suitable for cooking from a cold start, as some dishes will be affected by being left uncooked, at room temperature, perhaps for several hours - eg; a wet filling on a pastry base.
- Make sure that meat and poultry are thoroughly thawed (but still cold from the refrigerator) before placing them in the oven, and avoid using rolled joints of meat, which can be more susceptible to the growth of food poisoning organisms.
- Cover dishes with lids or foil to keep the food moist, and protect from possible contamination; the food can be uncovered towards the end of cooking to crisp and brown.

## **Do not**

- Warm food should never be placed in the oven if there is a delay period.
- Stews prepared by frying the meat and vegetables first should be cooked as soon as possible, or refrigerated prior to placing in the oven.
- Some dishes are not suitable for cooking on automatic - eg; dishes containing left over meat or poultry, dishes containing eggs, cooked rice, or seafood.
- Do not put food items (intended for automatic cooking) into a warm oven; allow the oven to cool before setting for automatic cooking.
- Do not over fill dishes containing liquids, as they might boil over.
- Never leave food in the oven to cool slowly after cooking; serve immediately or refrigerate.
- Never use the automatic facility to reheat 'cook chill' foods, as they should go straight from the refrigerator into a preheated oven.

# USING THE OVENS

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## ***Important:***

Food is more susceptible to the growth of food poisoning organisms in warm conditions. If the weather is hot, either take care to ensure that food is not left standing in a warm oven, or avoid using the automatic cooking facility.

## **Hints for automatic cooking**




- Food is placed in a cold oven so you will need to add about 10 - 15 minutes onto the cooking time to allow for the oven to reach the selected temperature.
- Wine or beer may ferment, and cream may curdle during the delay period, so it is best to add these ingredients just before serving.
- Potatoes should be parboiled or brushed with oil to prevent discolouration during the delay period.
- Meat can be brushed with oil to prevent it drying.
- Lemon juice can be added to certain fruits and vegetables such as apples, pears, turnips and parsnips to prevent discolouration during the delay period.



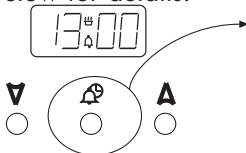
# PROGRAMMER / CLOCK

## The programmer button

Your timer should have symbols like the ones in the table below. It may also be either **TOUCH** control or have buttons.

Symbol	Symbol	What is it?
	<b>-</b>	Down Used to decrease cook / end time, remove minutes from the minute minder and adjust the time of day. Also for listening to and setting the alarm tone.
	<b>+</b>	Up Used to increase cook / end time, add minutes to the minute minder and adjust the time of day.
	<b>MODE</b>	Function button Used to select the functions available on this timer. <b>Press once for: Minute Minder.</b> <b>Press twice for: Cook time</b> <b>Press three times for: End time.</b> How to use these functions is explained later on in this section.

The 'function' button in the centre is used for setting the minute minder and setting up the automatic cooking. See below for details.

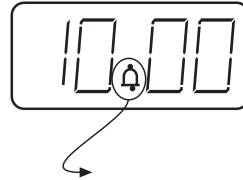


## Symbols on the LED display.

This 'A' symbol appears when either a semi, or fully automatic program is selected. This symbol will flash while a program is being set.



Once a program is set the symbol will light up, and remain lit until the alarm sounds, or the program is cancelled



This Bell symbol appears when the Minute Minder function has been selected.

While the Minute Minder is being set, the Bell symbol flashes. Once the length of time is set, the Bell symbol remains lit until the time runs down, or the function is cancelled.



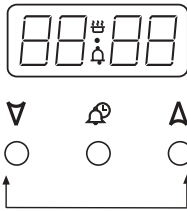
This message and 'A' symbol appear when you are asked to set the length of time you require the oven to cook automatically for. Using the Up and Down buttons adjusts this accordingly.



This message and 'A' symbol appear when you are asked to enter in an end time, or when you would like the oven to switch itself off.

# PROGRAMMER / CLOCK

## To set the time of day



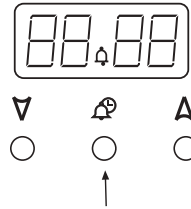
- ◆ Press the Up and Down buttons together for a few seconds, and release.
- ◆ The '●' in between the numbers on the LED Display will begin to flash.
- ◆ While the '●' is flashing it is possible to adjust the time using the Up and Down buttons. Once the time has been set, allow approximately 30 seconds before using any of the other timer functions. This ensures that the time will remain correct.

## To select an alarm tone

There are three tones to chose from.

- ◆ Press and hold the *down* button to listen to the first tone.
- ◆ Release the *down* button and press it again to listen to the second tone etc.
- ◆ Releasing the *down* button after the tone has sounded will automatically select that tone

## Setting the minute minder



- ◆ To set the Minute Minder, press the Function button once. The bell symbol will appear and start flashing. The flashing only lasts for 5 seconds so the time must be set within this time frame.
- ◆ Use the Up and Down button to set the length of time required. Once this has been done, the Minute Minder is set.
- ◆ When the desired length of time has counted down the alarm will sound.
- ◆ To cancel the tone, press any of the buttons.
- ◆ To cancel the Minute Minder at any time, press the Up and Down buttons together.

## PROGRAMMER / CLOCK

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### **Semi-automatic cooking**

There are two types of semi automatic cooking available on this appliance.

**The oven must be switched on, and in use to use either of these functions successfully.**

The Duration method allows you to set the oven for a specific length of time. If a dish needed 2 hours to cook, then it would be possible for you to set the oven to turn off 2 hours later. This allows you to be sure that your food will be cooked for a set length of time and no longer.

The End Time method allows you to enter a specific time when you would like the oven to switch off. If you wish to leave the oven unattended, then it offers peace of mind that the oven will have turned itself off at the set time.

However, once the program is set then it cannot be adjusted. Extra time cannot be added, nor can the end time be extended.

To cancel the semi automatic programs, press both the Up and Down buttons together. This can be done at any time during the cooking process. Then if necessary, re program.

For the instructions on how to use both of these functions, please see the following page.

### **Fully automatic cooking**

This function incorporates both a duration and an end time and is meant to be used when you wish to delay the start time.

We recommend that the first few times this function is used you are in the house, this will familiarise you with your oven and prevents food from being over cooked or under cooked.

Care must be taken when selecting foods for this function, it is not recommended for certain food items which may spoil, or are sensitive to being left.

It is also advisable to set the end time to be as close to your return as possible to prevent food being left standing.

# PROGRAMMER / CLOCK

## Semi-automatic cooking

### The Duration method

- ◆ Press the Function button twice, **(1)** which will skip past the Minute Minder.
- ◆ The LED display will flash the word 'dur', **(2)** and the 'A' will flash on the left hand side of the display.
- ◆ Use the Up and Down buttons to set the length of time you want to cook for. **(3)** This must be done within 5 seconds or the time of day will show again.

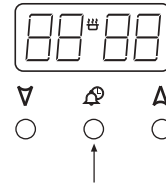
Once this is done the oven will automatically switch off once the time has elapsed, and the alarm will sound. To switch off the alarm, press any button. To view any remaining time press the function button twice

### The End Time method

- ◆ Press the Function button three times, which will skip past the Minute Minder and the Duration programmer. **(4)**
- ◆ The LED display will flash the word 'End' and the 'A' will flash on the left hand side of the display. **(5)**
- ◆ Use the Up and Down buttons to select the time the oven is required to turn off. **(6)**

Once this is done the oven will turn itself off at the time you have selected. To switch off the alarm, press any button.

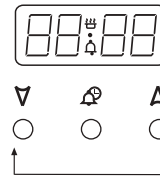
### 1. The Duration method



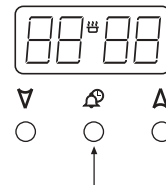
### 2.



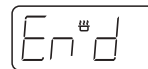
### 3.



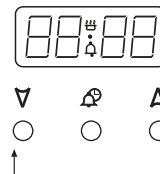
### 4. The End Time method



### 5.



### 6.



# PROGRAMMER / CLOCK

## Fully automatic cooking (example)

This programming method is best suited for when a delayed start time is required. Unlike the semi automatic methods this requires both the duration and the end time to be entered. The timer will work out the start time and begin cooking.

◆ Press the function button twice to select the length of time your food will need. **(7)**

◆ The 'A' on the left hand side will flash and the 'dur' message will flash up. **(8)**

◆ Using the Up and Down buttons set the time you require within 5 seconds of the 'dur' message. **(9)**

◆ Press the function button three times until the 'A' flashes again and the 'End' messages appears. **(10) & (11)**

◆ Using the Up and Down buttons, set the time you would like the oven to switch off. **(12)**

◆ Set the temperature of the oven and place the food inside.

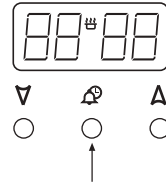
While the automatic function is running, the 'A' will appear statically on the display, with the time.

Try to keep the end time as close to when you expect to return, this will prevent cooked food from being left standing in a warm oven.

The timer will calculate the appropriate start time.

To switch off the alarm, press any button

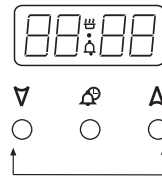
**7**



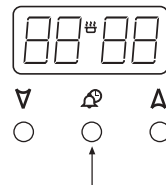
**8**



**9**



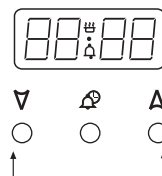
**10**



**11**



**12**



## CARE & CLEANING

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**Caution: Any cleaning agent used incorrectly may damage the appliance.**

**Always let the appliance cool before cleaning.**

**Do not use a steam cleaner on this appliance.**

Some cooking operations generate considerable amount of grease, this combined with spillage can become a hazard if allowed to accumulate on the appliance through lack of cleaning. In extreme cases this may amount to misuse of the appliance and could invalidate your guarantee.

It is recommended that the appliance is cleaned after open roasting.

Do not use caustic, corrosive or abrasive cleaning products, products containing bleach, coarse wire wool or any hard implements, as they will damage the surfaces.

All parts of the appliance can be safely cleaned with a cloth wrung out in hot soapy water.

dishwasher, or with a nylon brush in hot soapy water.

### **Vitreous enamel parts**

GRILL PAN, TOP OVEN / GRILL COMPARTMENT,  
MAIN OVEN COMPARTMENT FLOOR

Use a mild cream cleaner - eg; "Cif".

Look for one which has the Vitreous Enamel Development Council's recommendation seal.

Stubborn marks may be removed with a moistened "Brillo" pad.

The grill pan may be cleaned in a

# CARE & CLEANING

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## **Glass parts**

FACIA PANEL, DOOR PANELS

Use a mild cream cleaner - eg; "Cif". Rinse thoroughly and dry with a soft cloth.

**Important:** The inner door glass panel(s) can be removed for cleaning, but they must be replaced the right way (so the reflective side faces inwards) and also pushed fully in to the stop position. To remove the glass panel, open the door wide, hold the edges of the glass and slide out.

## **Painted, plastic and metal finish parts (if fitted)**

CONTROL KNOBS, DOOR HANDLES & DOORS, FASCIA PANEL

Only use a clean cloth wrung out in hot soapy water.

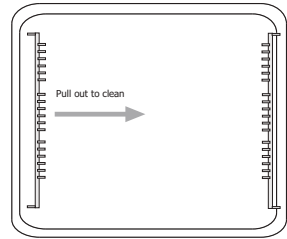
## **Chrome plated parts**

OVEN SHELVES & OVEN SHELF RUNNERS, GRILL PAN TRIVET

Do not use abrasives or polishes, use a moist soap pad - eg; "Brillo".

*Note:* Oven shelf runners can be removed for cleaning. Grasp the runners, and slide out of the hanging holes as shown.

*Note:* These items may also be cleaned in a dishwasher.



# CARE & CLEANING

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## **Cleaning the hob**

### **Ceramic glass surface**

Do not use abrasive powder cleaners, "Brillo" pads, metal wire, detergents, bleaches, bath stain removers, or chemical oven cleaners; all these product types will damage the ceramic glass.

The following recommendations will help to keep the ceramic glass surface bright and clean.

Allow the hob to cool.

Use a dampened paper towel or clean damp cloth to apply a small dab of cleaner conditioner to clean each heating area.

Use another paper towel or a clean dry soft cloth to wipe dry, and then polish the whole glass surface.

To remove any stubborn marks or heavy soiling, a non scratching, mild cream cleaner may be used - eg; "Cif".

***Important:*** If you use a wet paper towel or clean damp cloth to remove spillage from a warm heating area of the hob, be careful to avoid steam burns.

## **Care and maintenance**

Before using the hob for the first time, apply a thin coating of cleaner conditioner (eg; "Hob Brite", by Homecare\*) to the ceramic glass only, and polish the surface with a clean cloth.

The conditioner gives a protective covering to the ceramic glass which not only makes the hob easier to clean, but also ensures that you will

gain maximum life out of this product. Occasional use will help prevent the build up of mineral deposits which can cause discolouration of the hob surface.

### **Discolouration of the hob**

Do not use a dishcloth or dish sponge to wipe the hob - this can leave a film of detergent on the surface which will discolour the hob next time a heating area is used. Clean cloths kept for the cleaning of the hob can be used.

Do not use too much cleaner conditioner - only a thin coating is required, any excess may burn on and discolour the hob when it is next in use.

If persistent stains or marks remain on the ceramic glass surface, it can be cleaned using a mild cream cleaner - eg; "Cif", or a ceramic hob scraper. This will also remove any accumulated salts or minerals before they have an opportunity to discolour the ceramic glass.

Wipe clean with a damp paper towel or clean damp cloth and re-apply cleaner conditioner.



# INSTALLATION INSTRUCTIONS

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Whilst every care is taken to eliminate burrs and raw edges from this product, please take care when handling - we recommend the use of protective gloves during installation.

## Moving the cooker

Please note that the weight of this appliance is approximately **60kg** (unpacked). Take care if the appliance needs to be lifted during installation - always use an appropriate method of lifting.

Do not attempt to move the cooker by pulling on the doors or handles. Open the door and grasp the frame of the cooker, taking care that the door does not shut on your fingers.

Take care to avoid damage to soft or uneven floor coverings when moving the appliance. Some cushioned vinyl floor coverings may not be designed to withstand sliding appliances without marking or damage.

**Important:** Ensure that you route all mains cables well clear of any adjacent heat source.

## Clearances

This cooker may be fitted flush to base units. However, for models with side opening doors, we recommend a side clearance of 60mm between the cooker and any side wall to allow the door to be opened fully.

The cooker should not be placed on a base.

No shelf or overhang or cooker hood shall be closer than a minimum of 650mm, but check with cooker hood manufacturer's recommendations.

The cooker must have a side clearance above hob level of 90mm up to a height of 400mm.

## Dimensions

All sizes are nominal, and some variation is to be expected. The 'depth' of the cooker, as given below, is to the front of the door and excluding knobs and handles.

Width: 600mm

Depth: 500 / 550 / 600mm

Height (adjustable): 900 - 915mm

## Levelling the cooker

There are four adjustable feet on the base of the cooker. Turn the feet by hand to adjust the height of the cooker.

# INSTALLATION INSTRUCTIONS

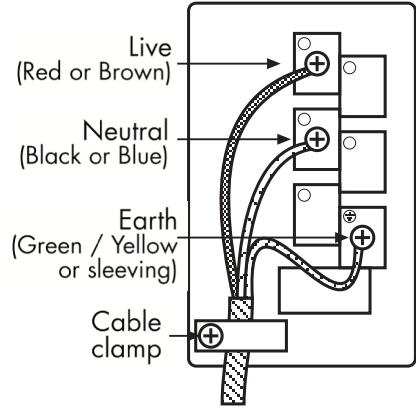
## **Connect to the electricity supply**

**Warning:** This appliance must be earthed.

The appliance must be installed by a competent electrician using a double pole control unit of 32 ampere minimum capacity with 3mm minimum contact separation at all poles.

We recommend that the appliance is connected by a qualified electrician who is a member of the N.I.C.E.I.C. and who will comply with the I.E.E. and local regulation.

1. Access to the mains terminal is gained by opening the terminal block cover at the rear of the appliance (use a small flat-bladed screwdriver).
2. Connection should be made with 6.0mm<sup>2</sup> flexible twin and earth cable.
3. First strip the wires, then push the cable through the cable clamp in the terminal block cover.
4. Connect the cable to the terminal block and tighten the cable clamp screw (see diagram).
5. Close the terminal box, ensuring that the cover is engaged on the locking tabs.



# TECHNICAL DATA

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## Electrical supply / Load

220 - 240V ~ 50Hz

8960 - 10665 W

## Dimensions

All sizes are nominal so some variation is to be expected.

Height (adjustable) 895 - 915mm

Width 500 / 550 / 600mm

Depth (not including handle) 600mm

## Countries of destination

GB - Great Britain, IE - Ireland

**Warning:** This appliance must be earthed.

Databadge is located at the bottom of the front frame, behind the door.

# Belling Customer Care

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Please keep this handbook in a safe place as the information inside may be of use should you sell, or pass on the appliance. Please fill in the model number and serial number in the spaces provided below as they will assist us should you need to call.

**0844 815 3746**

When you dial this number you will hear a recorded message and be given a number of options. This indicates that your call has been accepted and is being held in a queue. Calls are answered in strict rotation as our Customer Care Representatives become available.

Enter appliance numbers here for future reference:

Model No									
4	4	4							
Serial No									

These numbers can be found on your appliances data badge.  
Outside the UK and Northern Ireland, refer to your local supplier.

Stoney Lane, Prescot, Merseyside. L35 2XW.