

# **Range Cooker**

**LAM 5100**

## **Installation & User's Instructions**



# **LAMONA**

Exclusive to Howdens Joinery Co.



Dear customer

Congratulations on your choice of a Lamona quality cooker which has been designed to give you lasting service.

The cooker must be installed by a qualified technician in accordance with current regulations and used in a well ventilated space.

Please read these instructions thoroughly before installing and using - and keep for handy reference. Make sure you understand the controls prior to using your appliance. This cooker must only be used for its intended purpose, ie the cooking of food in the home. Failure to observe these instructions may invalidate your right to free service during the guarantee period.

If you have any questions, or if you are not sure about any information contained in this booklet please contact us - details are on the back cover.

Your Customer Service

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## safety symbols

The use of any appliance and cookers in particular (which use high temperatures) require the following of basic common sense safety rules.

There is a danger of injury to the person and of damage to the cooker, the kitchen and your home.

These are itemised in the first section 'Safety in the home'. Where accidents are most common, we repeat these warnings in the main text using the following symbols:



**Where you, other people, toddlers and children are at risk**



**Where there is a danger of damage to the cooker, utensils, surrounding areas and property**

Please note them for your own safety.

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## Look after yourself, family and friends



**This appliance is not intended for use by person with reduced physical, sensory or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.**

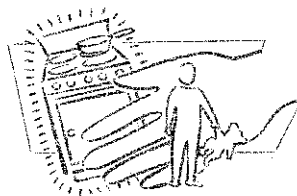
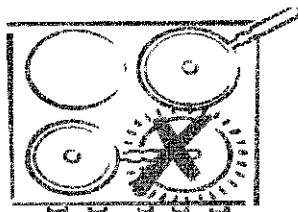
- During use surfaces get hot. Don't touch hot surfaces during use.
- Close supervision while cooking is essential at all times.
- It is therefore advisable to have the glass secured against breakage in the household and personal effects insurance.
- When deep-frying, the appliance should be supervised as overheated fats and oils can catch fire easily. Never attempt to extinguish burning oil or fat with water (risk of explosion!). Smother a fire with wet towels and keep doors and windows closed!
- Special care should be taken when cooking oily and fatty food as overheating of such food can cause them to catch fire.
- Always use good quality oven gloves when removing hot utensils and the grill pan from the oven.
- Ensure handles of pans can not accidentally be caught or knocked and do not get heated by adjacent heating zones.
- Check all controls on the appliance are switched off after use.
- Take care when opening the door. Let steam and hot air escape before removing the food.
- Select the correct shelf position before turning the oven or grill on - don't move oven shelves when hot.
- Don't heat up unopened food containers as pressure can build up causing the container to burst.
- Don't store items above the cooker that children may try to reach.



**This appliance is only to be used by persons who have been instructed on its use to ensure their safety. Instruction or supervision should be given where necessary. Children should be supervised by a responsible person at all times.**

**Do not operate hob without pans.**

**This product is designed only for domestic use.**



# safety in the home



## Look after your cooker and home

- Clean your cooker regularly, ideally after each use. Always turn off the mains electricity supply and allow the appliance to cool first.
- **The main and tall oven doors are limited to 90 degree opening. Do not push against, or swing the doors back as this may damage the restriction mechanism.**
- Spillage should be dealt with as soon as it occurs, taking due care as the hob surface may be hot. Any spillage left on the surface after cooking should be cleaned off before the hob is switched on again to prevent baking on.
- Don't use biological washing powder or bleach products, harsh abrasives or chemical cleaners for cleaning the oven inner panels.
- Don't allow anyone to sit or stand on the cooker or door.
- **Don't move the cooker by pulling by the door and/or handle.**
- Don't use large preserving pans or fish kettles across the hob as this will damage the hob surface.
- Ensure that no flammable materials are adjacent to the cooker as the sides become hot during use.
- Don't store flammable materials, aerosols etc in adjacent cabinets.
- Don't place flammable or plastic items on or near the hob, and never place wet cloths etc. on the hob to dry.
- Keep all ventilation slots clear of obstructions.
- Don't leave a hob on for long periods when not covered by a pan.
- Don't cover shelves, oven cavity walls or the base of the oven with metal foil as the air circulation in the oven will be disrupted and damage the cavity or heating elements.
- Don't place dishes, pans and/or trays directly on the oven compartment base.
- Don't line the grill pan with aluminium foil. As this could result in an increase risk of fire or damage to your cooker.
- Don't use the cooker with glass panels removed.

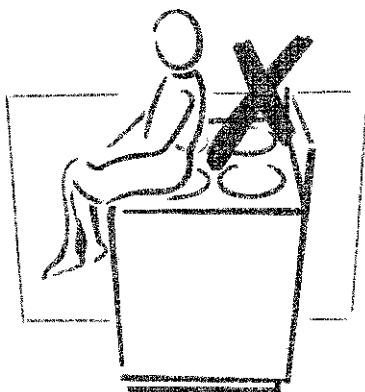
**"CAUTION:** Accessible parts may be hot when the grill is in use. Young children should be kept away."

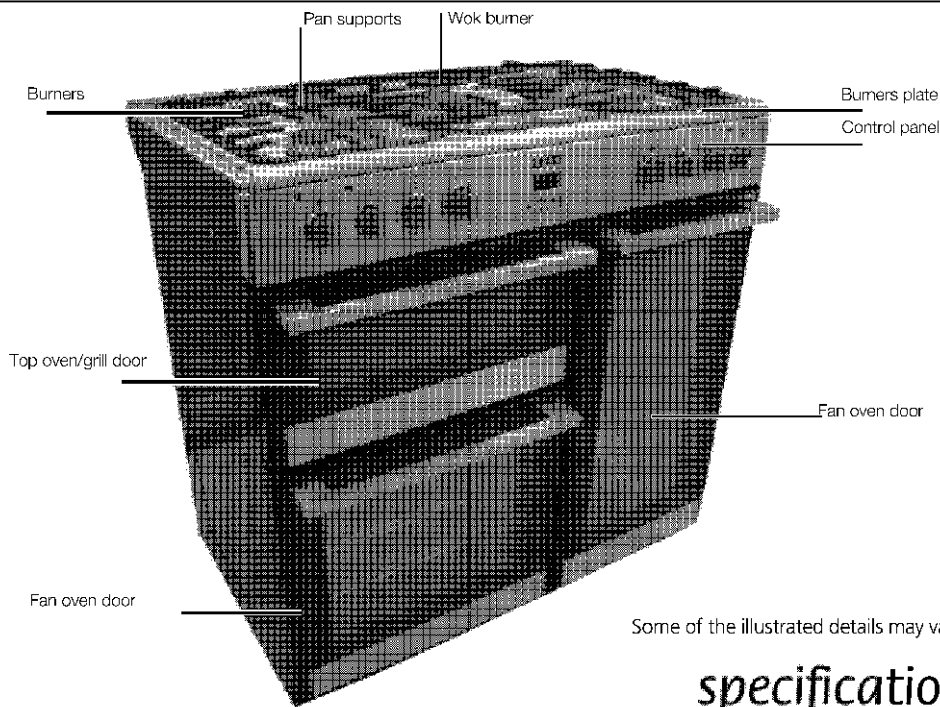
## Don't use the cooker for

- Hanging towels and dish cloths etc on the handles.
- Warming plates under the grill.
- Heating the kitchen.
- Drying.
- Storage of inflammable materials or liquids in the storage compartment.

## Food hygiene

- Ensure meat and poultry is thoroughly defrosted before cooking.
- Check food is thoroughly cooked and is piping hot.
- **Always refer servicing to a qualified appliance service engineer.**





Some of the illustrated details may vary

## specification

External dimensions width x depth x height  
900mm x 600mm x 900mm

Front-right burner	1.0 kW
Rear-right burner	2.9 kW

Front-left burner	2.0 kW
Rear-left burner	2.0 kW
Centre (Wok) burner	3.6 kW
Supply voltage	220-240V~; 50Hz

Top cavity grill wattage	2000 W
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Left hand side main-turbo oven wattage	1800 W
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Right hand side tall fan oven wattage	1850 W
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Lamp	15 W SES oven lamps x 2
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Total power (gas)	11.5 kW
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Total power (electric)	5700 W
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Ignition	Auto electric on all burners
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Safety device	Gas valves are lockable/Flame supervision devices on all burners.
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Gas	Supply Pressure	Destination Countries
G20	20 mbar	GB, IE
G30	30 mbar	GB, IE
G31	37 mbar	GB, IE

I2H AT 20 mbar and I3P AT 37 mbar

I 3B/P 30 mbar

Cat II<sub>ZH3P</sub>, Cat II<sub>ZH3+</sub>,

For Cooker set up condit on please refer to rating label

Because we continually strive to improve our products, we may change our specifications and designs without prior notice.

### Accuracy

Note that times and temperatures in this book are for guidance only.

Injector size	Injector marking	
	G 20, 20 mbar	G 30, 28-30 mbar G 31, 37 mbar
Rapid burner	115	87
Auxiliary burner	72	50
Semi-Rapid burner	103	72
Wok burner	147	96

# electrical connection

- Do not connect the cooker to the electricity supply until all packing and transit protectors have been removed.
- 1 Before your appliance is connected to the mains electricity supply, check to ensure that the voltage and frequency shown on the rating label corresponds with your power supply. The label is located on the plinth below the oven door.

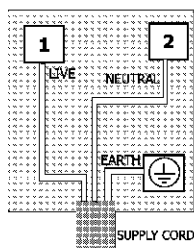
2 **This product must only be installed by a qualified electrician** eg local electricity company or NICEIC registered contractor to a suitable double-pole control unit with a minimum contact clearance of 3mm in all poles and with a minimum rating of 32A which should be fitted adjacent to (but not above) the cooker in accordance with IEE regulations. **Failure to observe this instruction may result in operational problems and invalidation of the product warranty.**

- 3 Access to the mains terminal is gained by removing the small rear cover. The cable must have conductors of sufficiently high cross sectional area to prevent overheating and deterioration. Recommended cross-section area is six square millimetres (6.00 mm<sup>2</sup>). The mains cable must conform to BS6004.

**This appliance must be earthed.**

- 4 The mains cable must pass through the cable clamp.

- 5 The mains cable should be routed away from the appliance and in particular ventilation slots, the vent outlet and should not be obstructed when pushed in to position between the appliance and the wall and/or cabinets.
- The appliance conforms to BS 800: 1988 and EEC directive 87/308 regarding suppression of radio and television interference.
  - Type with regard to protection against overheating of surrounding surfaces=X.

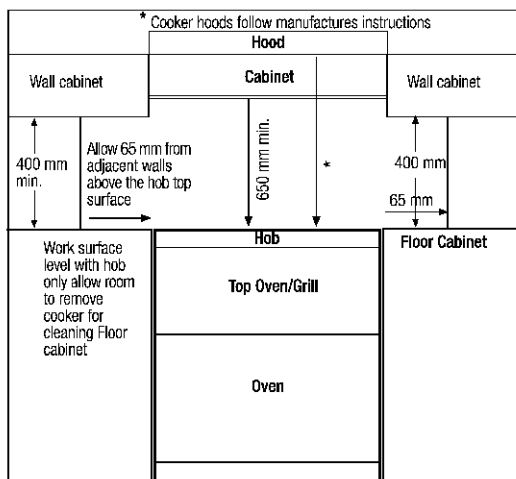


## Mains cable routing

The mains cable should be routed away from the appliance, the ventilation slots and the vent outlet. It should not be obstructed when pushed in to position between the appliance and the wall.

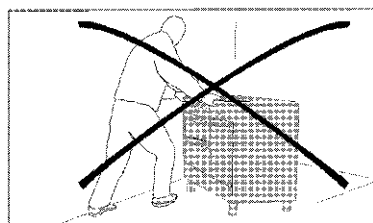
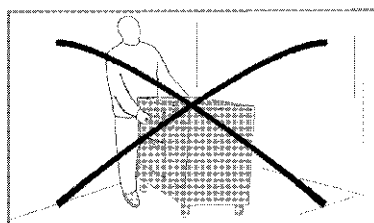
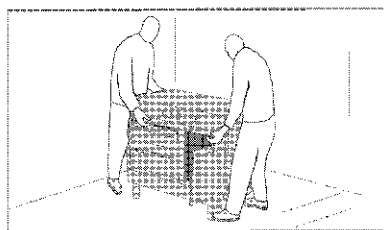


- Excess steam from the oven is expelled at the rear of the appliance therefore the wall behind the cooker needs to be protected against grease and moisture.
- The cooker is designed to fit between kitchen cabinets spaced over 900 mm apart. The space either side of the cooker need only be sufficient to allow withdrawal of the cooker for servicing. It can be used with cabinets on one side or both sides as well as in a corner setting. Allow 10cm either side of the appliance.
- Adjacent side walls above the appliance must not be nearer to the cooker than 65mm and should be of heat resistant material. Leave at least 650 mm clearance above the hob to any cabinet. For minimum clearance above the hob to a cooker hood please refer to manufacturers instructions.



## How to move and lift your appliance

Movement of your appliance is most easily and safely achieved with two people. Open both top oven and tall oven doors sufficiently to allow a comfortable and secure grip on the underside front edge of the oven roofs. NEVER LIFT by THE HANDLES. While gripping be careful not to damage any grill elements or oven interior accessories. Grip the rear of the product as indicated by the stickers attached to the rear hob surface.



# installation

## Unpacking

All packing materials, protective film and transit protectors must be removed.



## Installers

**The appliance must only be installed by a competent person.**

In the UK, Gas Safe registered installers (including the Regions of British Gas) undertake to work to safe and satisfactory standards.

## Regulations

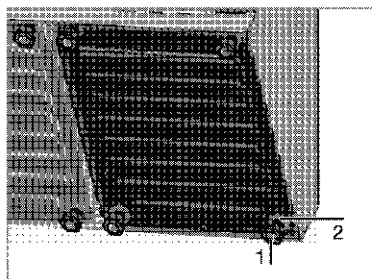
The cooker must be installed in accordance with the Gas Safety (Installation and Use) Regulations and the relevant Building Regulations in force.

## Levelling and feet adjustment

The appliance should be located on a level surface. The four front and four rear feet can be adjusted as required. To ensure that your appliance is standing level adjust the front and/or rear feet by turning clockwise or anticlockwise until the product is in firm contact with the floor. Lift (2 man lift) the appliance and place on its side, ensure that the pan supports, burner caps and internal accessories are secured first or removed.

Adjust each foot and ensure the locking nuts are tightened securely as in the diagram. Lift the appliance clear of the floor when returning to the upright position to prevent any damage to the feet.

The height of cooker should not exceed 930 mm

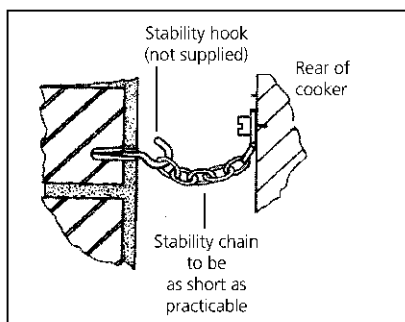


1. Foot

2. Nut

## Stability Chain

The cooker must be secured by the security chain to the wall or partition behind the cooker.



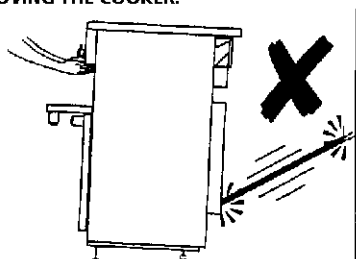
Cooker stability chain for cookers not designed with bracket engagement slot

## Moving your cooker

If your cooker is fitted with a flexible hose the cooker can be moved for cleaning. Make sure that the floor covering is firmly fixed or removed to prevent it being disturbed.

When moving cooker try not to drag on floor as legs may bend or snap.

**TAKE CARE NOT TO STRAIN OR DAMAGE THE GAS HOSE (OR ELECTRICITY SUPPLY CABLE) WHEN MOVING THE COOKER.**



Release the stability chain as you ease the cooker out. Don't forget to refit it when you replace the cooker.

**Lift the front feet clear off the floor by lifting at the ends of the hotplate fascia. Do not move by pulling the door handle or knobs.**

Move the cooker a bit at a time, checking behind it to make sure that the gas/electric connection has sufficient slack to allow the cooker to move forward as you go along.

When you replace the cooker, again check behind to make sure that the gas hose or cable are not caught or trapped.

Take care not to twist it within the gap between the kitchen units as damage may occur to the cooker or the units.

Check that the cooker stability chain has been reconnected.

## Gas supply

Your oven must only be used on natural gas or LP gas.

"The adjustment conditions for this appliance are stated on the label (or data plate)"

## Natural Gas

The cooker is designed for UK and Ireland installation using a flexible connection with tubing in accordance with the regulations in force. Length of 900mm is recommended (Ireland 600 mm).

## LP Gas

For flexible connections use a bayonet type hose, suitable for use on LP Gas up to 50 mbar pressure rise. The flexible hose should be coloured black with a red stripe, band or label.

## LP Gas Only

Don't install this appliance in a room below ground level unless it is open to ground level on at least one side.

Failure to install appliances correctly is dangerous and could result in prosecution.

## Gas flexible hose

If a flexible hose is used it must not come into contact with the top 150mm/6 inches (the shaded area on the diagram) of the rear of the appliance.

Do not pass the hose through the hot region behind the oven.

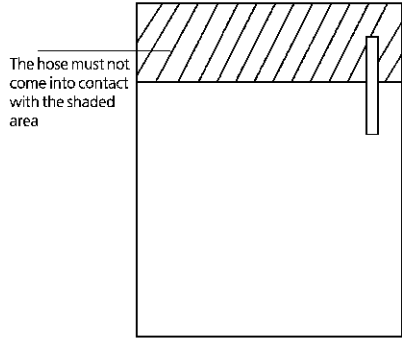
- "Prior to installation, ensure that the local distribution conditions (nature of the gas and gas pressure) and the adjustment of the appliance are compatible."
- "This appliance is not connected to a combustion products evacuation device. It shall be installed and connected in accordance with current installation regulations. Particular attention shall be given to the relevant requirements regarding ventilation".
- Do not install this appliance in a room below ground level unless it is open to ground level on at least one side. Failure to install correctly is dangerous and could result in prosecution. Prolonged intensive use of the appliance may call for additional ventilation, for example the opening of a window, or the use of permanent fixed mechanical ventilation system, for example, an extractor fan or cooker hood that ventilates to the outside.

Room size	Ventilation opening
smaller than 5 m <sup>3</sup>	min. 100 cm <sup>2</sup>
5 m <sup>3</sup> to 10 m <sup>3</sup>	min. 50 cm <sup>2</sup>
greater than 10 m <sup>3</sup>	not required
In the cellar or basement	min. 65 cm <sup>2</sup>

## Gas leaks



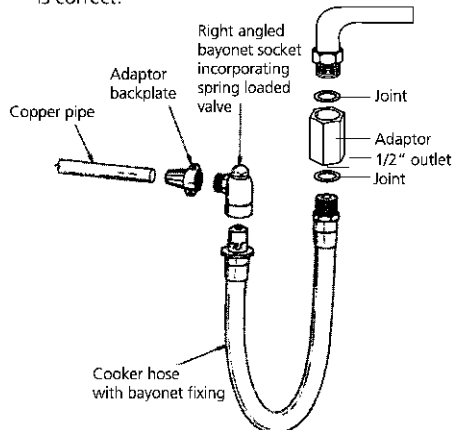
**If you smell gas, turn off all gas controls and extinguish any open flame. Open a window to ventilate the room. Don't touch any electrical switches. Contact your local Gas Supplier immediately.**



## Connection

Connect the flexible gas hose to the oven as follows.

- 1 Use nonsetting gas sealant on the connection to the cooker.
- 2 Connect to the gas supply pipe at the rear of the cooker (1/2 in BSP).
- 3 Assemble burner caps and rings fit pan supports in position. (left and right sides)
- 4 Turn on the gas supply and check for soundness.
- 5 Light two burners and check that the pressure is correct.



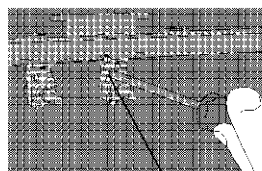
# gas conversion

**Ensure that the local distribution and adjustment conditions are compatible.  
Check the rating plate to identify cooker preset condition.**

## Conversion from natural gas to LPG

**The conversion must only be implemented by a qualified engineer.**

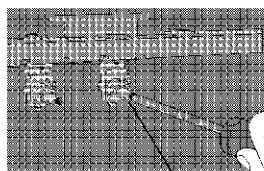
1. Replace the natural gas orifices by the LPG equivalents.
2. Check gas soundness.
3. Remove the control knobs.
4. Adjust the reduced rates of the burners.



**A: Hob burner tap**

### A. Hob burners

- \* Adjust screw "A"  
1-1 1/2 turns clockwise to obtain flame length of about 5 mm.
- \* Adjust each burner separately.



**A: Hob burner tap**

### A. Hob burners

- \* Adjust screw "A"  
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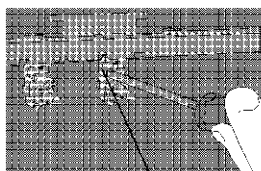
### 5. Apply the following labels;

- \* Overstick current rating plate with modified cut out label ensuring serial number is still visible.
- \* Tick appropriate LPG gas box and fix adjacent to the rating plate label.

## Conversion from LPG gas to NG

**The conversion must only be implemented by a qualified engineer.**

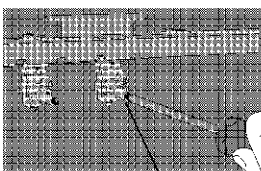
1. Replace the gas orifices by the NG equivalents.
2. Check gas soundness.
3. Remove the control knobs.
4. Adjust the reduced rates of the burners.



**A: Hob burner tap**

### A. Hob burners

- \* Adjust screw "A"  
1-1 1/2 turns anti clockwise to obtain flame length of about 5 mm.
- \* Adjust each burner separately.



**A: Hob burner tap**

### A. Hob burners

- \* Adjust screw "A"  
1-1 1/2 turns anti clockwise to obtain flame length of about 5 mm.
- \* Adjust each burner separately.

### 5. Apply the following labels;

- \* Overstick current rating plate with modified cut out label ensuring serial number is still visible.
- \* Tick appropriate NG gas box and fix adjacent to the rating plate label.

# preparation and burning off




## Important for asthmatic sufferers

Before using for the first time, protective coatings need to be burnt off. Fumes will be emitted but this is quite normal.

**Ensure the room is very well ventilated during the burning off process. Avoid directly inhaling the fumes during this process.**

### Grill

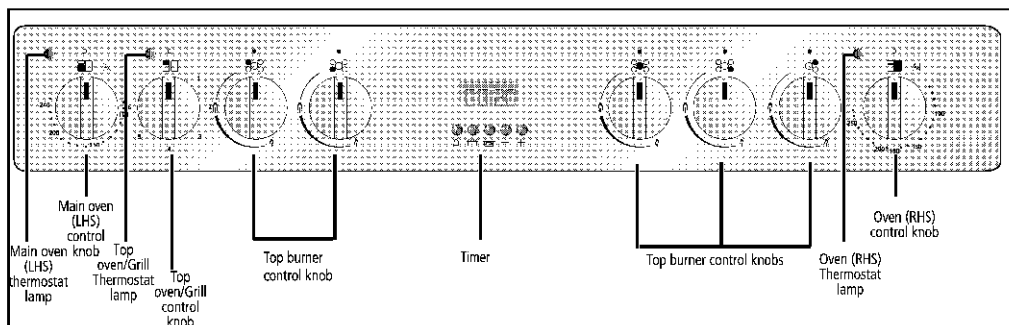
Open the grill door. Remove wire rack, baking tray and handle, and set the control to 150  for about 15 minutes.

### Oven/s

Remove shelves and baking tray and turn the oven control knobs to 200°C for about 15 minutes.

### Cleaning

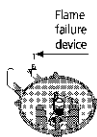
Before you start using your cooker, clean the appliance as recommended under Care and cleaning on page 23.



## Turning on and off

### Flame Failure Device

All burners are protected by flame failure devices, if the flames are extinguished for any reason the gas will automatically be cut off.



The burner control knobs have a safety feature.

1 Push the appropriate knob in slightly and turn anti-clockwise to the required setting.

2 Keep the knob depressed for 15 seconds after the burner has lit to override the safety device.

After you release the knob, if the ignition does not continue repeat the same process by keeping the knob pressed for 15 seconds. If still no ignition occurs, wait for 1 minute and repeat again.

**Warning: Do not keep the knob in pressed position more than 15 seconds.**

- 3 To switch a burner off turn the corresponding knob to ● (upright) position.
- Turning the control knob fully anti-clockwise to the small flame symbol enables you to simmer without accidentally switching off.

## Wok Burner

- The wok burner is used for rapid cooking. In particular for cooking of sliced vegetables and meat in a very quick time period.

A wok frying pan is a wide and shallow pan which conducts heat rapidly allowing cooking of vegetables and meat evenly at the same temperature, ensuring that their original nourishment value is maintained.

## Flame control

- When turning on a hotplate burner, stay and make sure that it has lit, and adjust the flame immediately.
- **Selection of the correct flame height is especially important to safety.** Adjust the burner flame so that it does not extend beyond the bottom of the pan, any higher and the flame becomes inefficient and can be a potential fire hazard.
- To make sure that the cooker is operating safely, periodic checks are advised.
- At low settings, do not leave the burners unattended for long periods of time.
- The burner flames should burn with a visible bluish cone within the main flame, and with no sign of yellowness. If at the first lighting they are very noisy and yellow, turn out at once and check that the burner cap has been correctly replaced. If on re-lighting there is no improvement, ask your supplier to check them. The inner portions of the flames as described above may not be very clear, but this is not detrimental in anyway.

The pan supports are not interchangeable.

# saucepans

## Pan choice

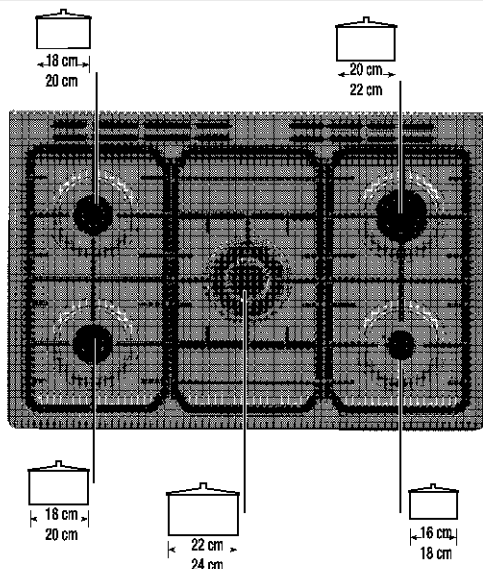
In choosing pans, look for pan handles that can be held easily and will stay cool. Avoid pans that are unstable and easily tipped. Pans that are too heavy to move easily when filled can also be a hazard. Only use flat bottomed pots or pans.

## Pan size

For maximum efficiency and safety, use the recommended pan sizes for each burner.

- Use pans which have sufficient capacity for the amount of food being cooked so they don't boil over and cause unnecessary cleaning.
- Do not place lids on the burners.

Always position pans centrally over the burners. When transferring pans from one burner to another always lift the pans do not slide them.



# deep fat frying



- Never fill the pan more than the one-third full of fat or oil.
- Never leave unattended during heating or cooking.
- Do not fry too much food at the same time especially frozen food. This only lowers the temperature of the oil or fat too much resulting in greasy food.
- Always dry food thoroughly before frying and lower it slowly into the hot oil or fat. Frozen foods in particular will cause frothing and spitting if added too quickly.
- Never heat fat or fry with a lid on the pan.
- Keep the outside of the pan clean and free from streaks of oil or fat.

## In the event of a chip pan or other pan fire



**Do not use water on the fire.**  
**Leave the pan to cool for at least 30 minutes.**

- 1 Turn off the cooker.
- 2 Smother flames with a fire blanket or damp cloth.
- 3 Do not try to remove a burning pan from the hob.

Burns and injuries are caused almost invariably by picking up the burning pan and rushing outside with it.

# operating the grill

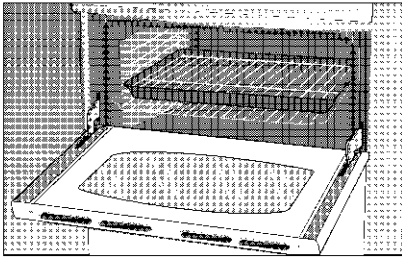


**Parts may become hot when the grill is in use, children must be kept away.**

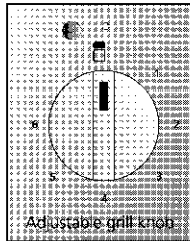


**As a safety feature, a switch prevents the grill from working when the door is closed. It will only work when the door is fully open.**

- When the door is fully open, it remains tilted slightly, so that any spillage will be directed away from you.
- 1 Open the door.



- 2 Turn the grill on by turning the grill control knob to position 4 and allow to preheat for around 5 minutes.



- 3 The red indicator light will glow to show that the grill has been switched on.
- 4 Then choose the desired setting.
    - **Only use the middle and bottom rack position for grilling. Do not use the top position.**
    - Ensure the food is correctly positioned under the grill element.
    - Food which requires browning only should be placed under the hot grill, either in the grill pan, or on the floor of the grill compartment, according to the depth of the dish. The grill pan wire grid can be removed.
    - Do not line the grill pan with aluminium foil.
    - Plates and dishes placed on the floor of the grill compartment will be heated when the main oven is in use.
    - Do not switch on the grill when using the compartment for storage.

## Grilling guidelines

Use setting 3 for toast, for sealing and fast cooking of foods.

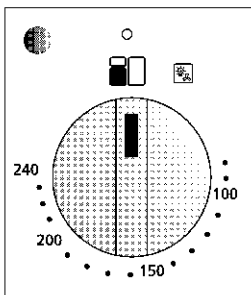
For thicker foods requiring longer cooking, turn the control to a lower setting after the initial sealing on both sides. The thicker the food, the lower the control should be set. When grilling thicker food, the grill rack should be turned over to its lowest position.

# operating the main oven (fan oven)-(LHS)



**Please note that the clock time has to be set in order for the main oven to work.**

- 1 Turn the oven on by rotating the oven control knob clockwise.
- 2 Select the temperature in the oven by selecting the temperature (in degrees Celsius) printed on the knob.



- 3 The amber temperature indicator light on the control panel will glow until the pre-set temperature is reached.
- 4 Once the temperature has been reached, the amber light will go off and then cycle on and off to maintain the pre-set temperature.



**Ensure you stand back from the appliance when opening the oven door to allow any build up of steam or heat to escape.**

- Check food is thoroughly cooked and is piping hot.
- As a fan oven heats up more quickly and generally cooks food at a lower temperature than a conventional oven, preheating the oven is often unnecessary. However, food such as bread, scones and Yorkshire pudding, do benefit from being placed in a pre-heated oven.

## Oven temperature chart

This chart is for guidance only, follow food manufacturers recommendations whenever available.

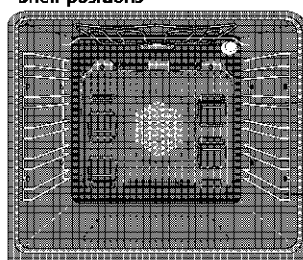
Food	Cooking temperature °C	Time	Shelf position
Beef	160-180	20-25 mins per 450g +20 mins	2
Lamb	160-180	25 mins per 450g + 25 mins	2
Pork	160-180	25 mins per 450g + 25 mins	1-2
Poultry up to 4kg (8lbs)	160-180	18-20 mins per 450g + 20 mins	1-2
Poultry up to 5.5kg (12lbs)	150-160	14-16 mins per 450g + 20 mins	1-2
Casseroles	140-150	1.5-2 hours dependent on quantity	1-2
Fruit cake	130-140	Time dependent on size	2-3
Small cakes	160-180	15-25 mins	4
Victoria sandwich	160-180	20-25 mins	1

## Temperature conversion

The oven temperature control knob is marked in degrees Celsius (sometimes called Centigrade). This chart will help when recipes show °F or use descriptive terms (as recommended by the Association of Manufacturers of Domestic Electrical Appliances).

Description	Celsius °C	Fahrenheit °F
Cool	80	175
	100	200
	110	225
Slow	120	250
	140	275
	150	300
Fairly hot	160	325
	180	350
Hot	190	375
	200	400
Very hot	220	425
	230	450
	240	465

## Shelf positions













5th shelf  
4th shelf  
3rd shelf  
2nd shelf  
1st shelf

## Important

Level 1 is the bottom level in the oven.



## Cooking table

FOODS	SHELF POSITIONS				THERMOSTAT POSITION	COOKING TIME (min)		
	COOKING PLATE	 Fan with Turbo heater	 Top and bottom	 Top and bottom+ fan		 Top and bottom+ fan	 Fan with Turbo heater	 Top and bottom
Short bread	24-26 cm bread mould	2	3	2	170-180	20-30	15-25	25-35
Cake in tin	18-22 cm cake mould	2	3	2	170-180	20-30	20-30	25-35
Cookie	Baking sheet	3	3	3	170-190	20-25	20-30	25-35
Pastry	Baking sheet	3	3	3	 :180-190	30-40	35-45	40-50
					 :190			
Yeast dough	Big tray	3	3	3	 :190-200	30-35	25-35	35-45
					 :200			
Biscuits	Cooking sheet	3	3	3	170-180	15-20	15-25	20-30
Cake	Baking sheet	3	3	3	170-180	25-35	20-30	25-35
Lasagne	Lasagne dish	3	3	3	170-180	35-45	35-45	40-50
Pizza	Baking sheet	3	3	3	200-220	25-30	20-30	30-35
Roast beef	Roasting dish	3	3	3	240(15 min)	105-115	90-120	110-120
Lamb shoulder	Roasting dish	3	3	3	240(15 min)	65-85	65-80	70-90
Roasted chicken	Roasting dish	3	3	3	240(15 min)	55-65	55-65	60-70
Roasted turkey (5,5 kg)	Baking sheet	3	3	3	220(25 min)	175-230	170-220	180-240
Fish	Roasting dish	3-4	3	3	200	10-20	15-20	15-25

### Important

For roast meats start with highest thermostat level and decrease to 150°C after 15 minutes.

Shelf position (In fan with Turbo heater oven)

For 3 trays : 1 - 3 - 5

For 2 trays : 3 - 5

For 1 tray : 3



Fan with turbo heater



Top and bottom heater



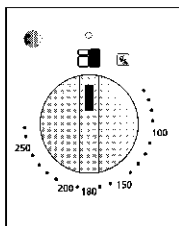
Top / bottom heater & fan

- The values listed in the table are the results obtained from laboratory testing.
- You may find different flavours of the food according to your own cooking and usage practices.
- If you wish, you can add the time it takes to pre-heat the oven to the values listed in the table.

# operating the fan oven (RHS)

- 1 Turn the oven on by rotating the oven control knob clockwise.

- 2 Select the temperature in the oven by selecting the temperature (in degrees Celsius) printed on the control panel.



- 3 The amber temperature indicator light on the control panel will glow until the pre-set temperature is reached.
- 4 Once the temperature has been reached, the amber light will go off and then cycle on and off to maintain the pre-set temperature.

## 5 DEFROST FUNCTION

For defrost function, align knob indicator with defrost symbol (Fan/lamp icon).

**NOTE: DO NOT TURN KNOB PAST THIS POSITION FOR DEFROST AS FAN ELEMENT WILL BE ACTIVATED.**



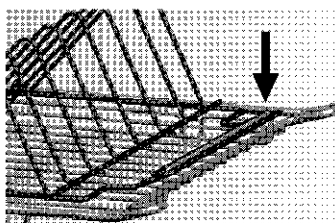
**Ensure you stand back from the appliance when opening the oven door to allow any build up of steam or heat to escape.**



- Check food is thoroughly cooked and is piping hot.
- As a fan oven heats up more quickly and generally cooks food at a lower temperature than a conventional oven, preheating the oven is often unnecessary. However, food such as bread, scones, Yorkshire pudding, do benefit from being placed in a pre-heated oven.

## Plate warming rack

Please be sure that plate warming rack is mounted to the inner rack (see fig.).



## Shelf positions

### Important

Level 1 is the bottom level in the oven.

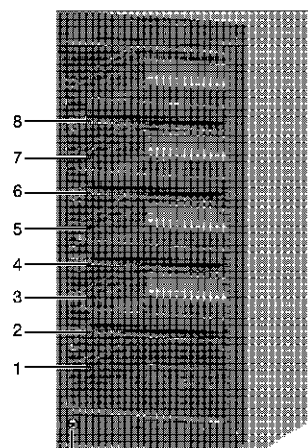
### Recommended cooking levels:

For 1 tray use 4 or 6th level.

For 2 trays use 4 and 6th level.

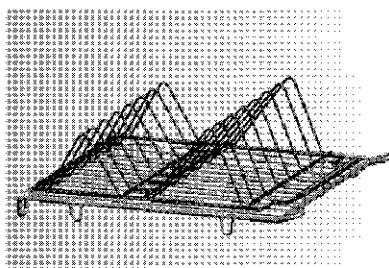
For 4 trays use 2-4-6-8 levels.

**Note:** Items on level 6-8 will cook quicker than on levels 2-4. When food on a particular level is cooked it should be removed at that point.



## Lamp button

When the door is open, oven lamp is lit.



## Fan oven temperature chart

This chart is for guidance only, follow food manufacturers recommendations whenever available.

## Temperature conversion

The oven temperature control panel is marked in degrees Celsius (sometimes called Centigrade). This chart will help when recipes show °F or use descriptive terms (as recommended by the Association of Manufacturers of Domestic Electrical Appliances).

Description	Celsius °C	Fahrenheit °F
Cool	70	150
	80	175
	100	200
	110	225
Slow	120	250
	140	275
	150	300
Fairly hot	160	325
	180	350
Hot	190	375
	200	400
Very hot	220	425
	230	450

Food	Cooking temperature °C	Time	Shelf position
Beef	160-180	20-25 mins per 450g +20 mins	4-6
Lamb	160-180	25 mins per 450g + 25 mins	4-6
Pork	160-180	25 mins per 450g + 25 mins	4-6
Poultry up to 4kg (8lbs)	160-180	18-20 mins per 450g + 20 mins	4-6
Poultry up to 5.5kg (12lbs)	150-160	14-16 mins per 450g + 20 mins	4-6
Casseroles	140-150	1.5-2 hours dependent on quantity	4-6
Fruit cake	130-140	Time dependent on size	4-6
Small cakes	160-180	20-25 mins	4-6
Victoria sandwich	160-180	20-25 mins	4

## Important

The values specified have been determined in the lab. The values suitable for you may deviate from the values.

# operating the timer (Main oven - LHS)



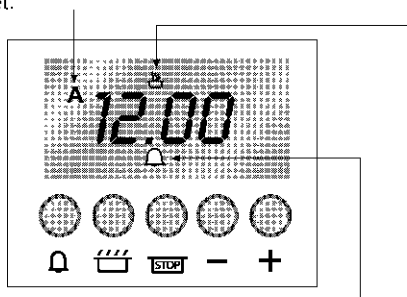
**The timer display is in 24 hour clock format.**

**Ensure that the correct time of day is always set before using your cooker.**


**The clock must be set before the fan oven can be operated.**

**A will light:**


- When the timer is first turned on it will flash. (It should go out when the time of day is set).
- When an Auto Cooking programme has been set.



 This "Cookpot" symbol will light up either.

- When the cooker is in "Manual Mode".
- When you press the  Cook Period button and set a length of time for an Automatic Cooking programme.

 **symbol will light up during Automatic Cooking.**

 will light up when you select a Minute Minder period and will remain on for the period set.

## **minute minder**

Here you can set a time period of up to 23 hours and 59 minutes that will count down. When it reaches zero the timer will bleep.  
e.g. If you set 20 minutes, the timer will start beeping 20 minutes later.

## **cook period**

Cook Period is the actual length of time for which, the timer will switch the oven on as part of an "Automatic Cooking" programme.  
e.g. If you set 2 hours, the food will be cooked for 2 hours.

## **end time**

The time of day at which you want an automatic cooking programme to **end**.

**e.g.** If you set a cook period for 2 hours, and end time of 11:00. The timer will switch the oven on at 9:00 and turn the oven off at 11:00. You will hear a bleep at 11:00 to indicate that the automatic cooking programme has finished.

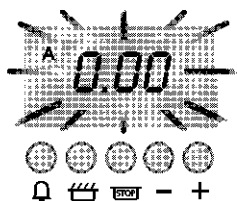
### **Notes**

- When setting an automatic cooking programme you will need to set the oven control to the required temperature when you set the timer.
- If an automatic cooking programme has been set the oven will only operate during the pre-programmed time.

### **"+" and "-"**

- Used to adjust the various timer function settings.
- Used to adjust pitch of audible tone.

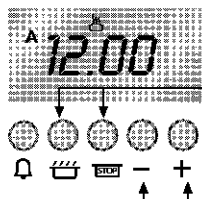
## Setting the Time of Day





**Step 1** Make sure all oven controls are turned **OFF**.



When switched on the display will show **0.00** and the **A** symbol, both will be flashing.


**Step 2** Check the electricity supply to the cooker is turned **ON**.



**Step 3** Press hold in both the  cook period &  end time buttons together.

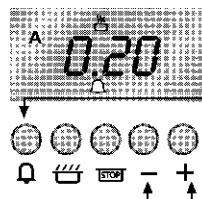
**Step 5** Release all the buttons simultaneously.

**Step 4** With the  cook period &  end time buttons still held in, press either + or - buttons to set to correct time of day.

The time of day is now set and the  symbol will light up to show that the timer is in Manual Mode.


**NOTE:** To change the time of day repeat steps 3, 4 & 5 above.


## Setting the Minute Minder





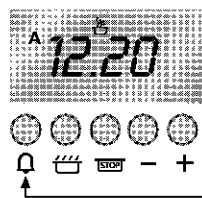
**Step 1** Ensure the time of day is set correctly.


**Step 4** Release all buttons and the timer display will revert back to the time of day.


**Step 2** Press and hold the  minute minder button.

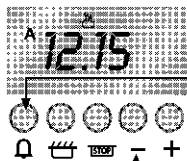
The  symbol will remain lit to signify that a minute minder period has been set.

**Step 3** With the button still held in set the required  minute minder time using "+" and "-" buttons.  
**A**  symbol will light up.



At the end of the set time a bleeping sound will be heard and the  symbol will go out. The bleeping sound will continue for several minutes unless cancelled (See Step 5)

**Step 5** To cancel the bleeping sound press the  minute minder button. The time display will revert back to the time of day after the button is released.



To cancel the minute minder before the minute minder period has finished.

**Step 1** Press the minute minder button.

**Step 2** Press the button until 0.00 and the symbol appears in the display window.

**Step 3** To cancel the bleeping sound press the minute minder button.

## Automatic Cooking Programmes

The main fan oven only is programmable.

When the timer has been set for the main oven it is possible to use the conventional oven manually during the same automatic programme.

There are two automatic cooking programmes that can be selected using your timer:

- (a) To set the timer to switch the oven ON and OFF automatically.
- (b) To set the timer to switch on immediately and OFF automatically after a set cook period.

## Note

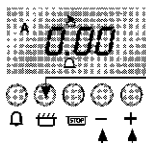
When the minute minder has been set the time remaining can be checked at any time by simply pressing the minute minder button.

### (a) To set the timer to switch the oven ON and OFF automatically.

This allows you to cook at a specific time for a chosen period before the oven switches off automatically.

**Step 1** Check that the correct time of day is set. If not follow instructions for setting the time of day.

**Step 2** Place food onto the correct shelf position in the oven and close the oven door.



**Step 3** Press and hold the cook period button. The display will read 0.00 with the cookpot symbol lit.

**Step 4** With the cook period button still held in set the required cook period using and buttons.

**Step 5** Press and hold the end time button. The display will read the earliest possible time for the cook period that you have set above.

**Step 6** With the end time button still held in, use the and buttons to set the end time. i.e. The time you require the oven to switch off and the food is cooked.



Release the buttons and the timer display will revert to the time of day with the **A** symbol and symbol lit.

Release all the buttons and the timer will revert back to the time of day.

The **A** symbol will remain lit to signify that an automatic cooking programme has been set. The symbol will go out.

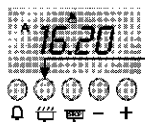
**Step 7** Turn the oven control to the required temperature.

When the auto cook programme starts the symbol will then light up again.



At the end of the automatic cook period the **A** symbol will flash and an intermittent bleeping sound will be heard. The symbol will go out.

The bleeping sound will continue for several minutes unless cancelled (see step 8). The **A** symbol will continue to flash until the timer is returned to manual operation (see below).



**Step 8** Press the cook period button to cancel the bleeping sound.

**Step 9** Turn the oven control to the OFF position.

**Step 10** Press the cook period and end time buttons together to return the oven to manual operation. The **A** symbol will go out and the symbol will light up.

#### Notes:

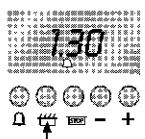
When cooking automatically the cook period can be checked at any time by simply pressing the cook period button and the end time button. To cancel the auto cooking programme before or after auto cooking starts, press the cook period and end time buttons together. This will return the cooker to manual operation.

### (b) To set the timer to switch ON immediately and OFF automatically after a set cook period.

**Step 1** Check that the correct time of day is set. If not follow instructions for setting the time of day.

**Step 2** Place food onto the correct shelf position in the oven and close the oven door.

**Step 3** Turn the fan oven control to the required temperature.



**Step 4** Press and hold the cook period button, the display will read **0.00** and the symbol will light up.


**Note:** The cook period is the length of time the food requires to cook.

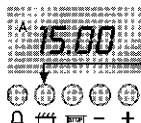
With the cook period button still held set the required cook period using the "+" and "-" buttons the **A** symbol will light up. **e.g.** 1 hour 30 minutes.


**Step 5** Release all buttons.

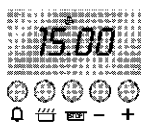
The timer display will revert to the time of day with the **A** and symbols remaining lit.





At the end of the cook period the **A** symbol will flash and an intermittent bleeping sound will be heard. The  symbol will go out. The bleeping sound will continue for several minutes unless cancelled (see Step 6). The **A** symbol will continue to flash until the timer is returned to manual operation (see below).





**Step 6** Press the  cook period button to cancel the bleeping.



**Step 7** Turn the oven control to the OFF position.

**Step 8** Press the  cook period and end time buttons together to return the cooker to manual operation. The **A** symbol will go out and the  symbol will light up.

When cooking automatically the cook period can be checked at any time by simply pressing the  cook period button. To cancel the auto cooking programme before or after automatic cooking starts, press the  cook period and **STOP** end time buttons together. This will return the cooker to manual operation.





## **Turn OFF at the mains before cleaning.**

- Before switching on again ensure that all controls are in the OFF position.
- **Make sure that the oven, grill and hobs are sufficiently cool before you start cleaning.**
- Never mix different cleaning products as different active ingredients may react with unforeseen results.

## **Exterior**

Use a damp cloth to clean the outside. Never use any sharp instruments, abrasive household cleaner, or detergents for cleaning. For hard stains use suitable washing liquid.

## **Burners**

The pan supports can be removed and the top burner plate can be cleaned with soapy water and rinsed with a dry cloth.

Wash and rinse the gas burner caps and the pan supports with soapy water. Never wash them in a dishwasher. For dirt and stains on the burner heads that do not wash off, use a proprietary metal surface cleaner.

## **Hob surround**

Clean with a cloth wrung out in soapy water. Stubborn stains can be removed with a cream, paste or liquid cleaner. Check that the cleaning agent used is approved by the Vitreous Enamel Development Council.

## **Control panel**

Wipe over the control panel with a damp cloth and polish with a dry cloth. Do not use oven cleaners or aerosols, scouring pads or abrasive powder for cleaning the plastic knobs or end caps as damage will occur. Do not attempt to remove any of the control knobs from the panel as this may cause damage and is a safety hazard.

## **Grill interior**

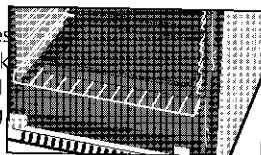
Wipe the grill elements with a damp cloth (ensuring they are sufficiently cool first) to remove any fat splashes. This will prevent fumes from any fat being burned off when the cooker is next used.

## **Oven interior**

Remove the rod shelves for washing in the sink.

Use a fine steel wool soap pad for removing stubborn stains from the rod shelves and floor of the oven. Take care during cleaning not to damage, bend or dislodge from the surrounding clips the thermostat sensor which is located at the top right hand side of the oven.

Catalytic liners should never require cleaning if very hot temperatures are used regularly.



## **Grill / Oven doors**

Wipe over the door outer panels with a cloth wrung out in hot soapy water, then after wiping with a cloth wrung out in clean water, dry with a soft clean cloth. Do not use scouring pads or abrasive powder which may scratch the surface. Take care during cleaning not to damage or distort the door seal. Ensure that the door seal is dry after cleaning. Do not lift the door seal.

The inner glass door panels can be removed for cleaning. Open the door fully and gently lift out the glass using extreme care to ensure that the edges of glass are protected. Clean as above, but do not use household detergents, bleach, scouring pads or rust removers. Reinstall the glass panels carefully preventing sudden shocks.

**\* The inner glass is low emissive glass for maximum efficiency and the printed surface must face outwards.**

## **Over time...**

- Slight discolouration of liners and other surfaces may occur in time. This does not affect the functioning of the appliance.
- Discolourations and marks that occur on the ceramic hob are normal and not a fault.

# trouble shooting

## If the cooker does not work

If the appliance does not operate check whether:

- The power supply is on.
- The fuse has blown/circuit breaker has tripped/main distribution switch has been turned off.
- The temperature control has been set correctly.
- The main oven will not operate if the clock has not been set.
- This cooker must be earthed if in doubt consult a qualified electrician.

If the appliance is still not operating after the above checks, please refer to the section on how to obtain service.

**Please ensure that the above checks have been made as a charge will be made if no fault is found.**

## Performance characteristics when in use

- **When using your appliance for the first few times, an odour and/or smoke may be emitted which is normal** - see page 8.
- It is normal for the metal parts to produce noise when in use, this is due to expansion and contraction.
- When in use, steam may be produced which is normal and not a fault of the cooker.
- At the end of a cooking session, it is normal to have a momentary puff of steam when the oven door is opened. This should disperse in a few seconds.
- If, whilst cooking, steam produced comes in to contact with cool surface's on the outside of the appliance, it will condense and produce water droplets. This is quite normal and is not a fault.

# replacing the oven lamp

## Warning:



Ensure the appliance is switched off at the mains before replacing the lamp to avoid the possibility of electric shock.

## Switch off at the mains.

- 1 Remove the glass cover of the lamp by turning it anti-clockwise.
- 2 Remove the bulb by turning it anti-clockwise.
- 3 After installing the correct bulb, reinstall the glass cover.

Replacement light bulbs can be easily obtained from a good local electrical or DIY store.

# future transportation

Keep the original carton and other packaging material in a safe place. Transport the cooker in its original carton. Follow the instructions that are printed on the carton.

To prevent the accessories inside the oven from damaging the oven door, tape a strip of cardboard onto the inside of the oven door that lines up with the position of the trays. Tape the oven door to the side walls.

## If you do not have the original carton

Take the necessary precautions in order to prevent the exterior panels, and the glass surfaces of the oven from being damaged.

Pack the oven in bubble wrap or thick cardboard and tape it securely in order to prevent damage during transportation.

The oven must be transported upright. Do not place other items on the top of the cooker.

## Recycling



This product bears the selective sorting symbol for waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European Directive 2002/96/EC in order to be recycled or dismantled to minimize its impact on the environment.

For further information, please contact your local or regional authorities.

Electronic products not included in the selective sorting process are potentially dangerous for the environment and human health due to the presence of hazardous substances.

# YOUR GUARANTEE

## Product Guarantee Details (UK only)

***Your appliance has the benefit of a comprehensive manufacturer's guarantee which covers the cost of breakdown repairs. (Details of which are shown on your Proof of Purchase Document).***

- Any claim during the period of the guarantee (MUST BE ACCOMPANIED BY THE PROOF OF PURCHASE)
- The product must be correctly installed and operated in accordance with the manufacturer's instructions and used for normal domestic purposes.
- This guarantee does not cover accidental damage, misuse or alterations which are likely to affect the product.
- The guarantee is invalid if the product is tampered with, or repaired by any unauthorised person.

*(The guarantee in no way affects your statutory or legal rights)*

### **What to do if you need to report a problem-**

Please ensure you have ready:

- The product's model & serial numbers
- Howdens Proof of Purchase document
- Your full contact details.

**Call the Lamona Service Line on 0845 00 60 006**

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