

Built from experience









USER GUIDE & INSTALLATION INSTRUCTIONS

Elise 90 Dual Fuel



RANGEMastei





Show off your kitchen with ...

This is **#MyRangemaster**

Simply snap and share a picture of your kitchen and tag #MyRangemaster for the chance to win £200 of Rangemaster cookware. If selected we will also send a photographer round to professionally photograph you at home with your range. You might even feature in some of the UK's top home interest titles!

To enter all you have to do is send in photos of your Rangemaster kitchen and tell us in one sentence what makes Rangemaster the heart of your kitchen? Entries can be posted on our Facebook page, Instagram or Twitter by tagging @RangemasterUK and using #MyRangemaster. Or, if you prefer, simply send in your entry via e-mail to marketing@agarangemaster.co.uk.

Rangemaster will feature a number of entries on the website online gallery and on the Rangemaster Facebook page, and some kitchens may be selected to be professionally photographed.

*Terms & Conditions Apply







RANGEMaster

Our range cookers are well known for providing the best possible cooking performance and years of faithful service. However, a great cooker alone cannot guarantee perfect results every time. The other vital ingredients are of course enthusiasm and quality cookware.

We offer cookware to work perfectly with all fuel types manufactured by Rangemaster, including induction hobs. You can be assured of functionality with style, as well as the quality and meticulous attention to detail you expect from the pioneers of range cooking.

Visit www.rangemastercookshop.co.uk

Contents

	Before You Start	1	6.	Troubleshooting	19
	Personal Safety	1	7.	Installation	21
	Electrical Connection Safety	2			
	Gas Connection Safety	2	8.	Positioning the Cooker	24
	If You Smell Gas	2	9.	Gas Connection	27
	Peculiar Smells	2			
	Ventilation	3	10.	Final Fitting	29
	Induction and Ceramic Care	3	11.	Conversion to LP Gas	30
	Oven Care	4			
	Hob Care	5		Injectors	30
	Grill/Glide-out Grill™ Care	5		Tap Adjustment	30
	Warming Zone Care	5		Stick on Label	30
	Cooling Fan	5		Pressure Testing	31
	Cooker Care	5	12.	Circuit Diagram	32
	Cleaning	5	12	Technical Data	33
2. (Cooker Overview	6	13.	Technical Data	33
	Hotplate Burners	6			
	Wok Burners	7			
	The Wok Cradle	8			
	The Griddle (optional)	8			
	The Glide-out Grill	9			
	The Ovens	10			
	Accessories	12			
	Oven Light	12			
3. (Cooking Tips	13			
	Cooking with a Multifunction Oven	13			
	General Oven Tips	13			
4. (Cooking Table	14			
5. (Cleaning Your Cooker	15			
	Essential Information	15			
	Hotplate Burners	15			
	The Griddle	16			
	Glide-out Grill	16			
	Control Panel and Doors	17			
	Ovens	17			
	Cleaning Table	18			



1. Before You Start...

Your cooker should give you many years of trouble-free cooking if installed and operated correctly. It is important that you read this section before you start.

Personal Safety

This appliance is for cooking purposes only. It must not be used for other purposes, for example heating a room. Using it for any other purpose could invalidate any warranty or liability claim. Besides invalidating claims this wastes fuel and may overheat the control knobs.

This appliance is for use in Great Britain and the Republic of Ireland. It is a Cat II_{2H3+} cooker and is set for G20 at 20 mbar. (A conversion kit for LPG is available for the cooker).

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children less than 8 years of age should be kept away unless continuously supervised. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- This appliance is designed for domestic cooking only.
 Use for any other purpose could invalidate any warranty or liability claim.
- The appliance and its accessible parts become hot during use and will retain heat even after you have stopped cooking. Care should be taken to avoid touching heating elements.
- A long term cooking process has to be supervised from time to time. A short term cooking process has to be supervised continuously.
- At the risk of fire **DO NOT** store items on the cooking surfaces.
- To avoid overheating, **DO NOT** install the cooker behind a decorative door.
- Accessible parts will become hot during use and will retain heat even after you have stopped cooking. Keep babies and children away from the cooker and never wear loose-fitting or hanging clothes when using the appliance.
- DO NOT use a steam cleaner on your cooker.
- Always keep combustible materials, e.g. curtains, and flammable liquids a safe distance away from the cooker.
- DO NOT spray aerosols in the vicinity of the cooker while it is on.

Electrical Connection Safety

A Gas Safe registered engineer should service the cooker and only approved spare parts should be used.

The electrical installation must be installed in accordance with all relevant British Standards/Codes of Practice, BS 7671. Or with the relevant national and local regulations and with the local gas and electricity supply companies' requirements.

Otherwise, all installations must be in accordance with the relevant instructions in this booklet.

Read the instructions before installing or using this appliance.

- This appliance is heavy so take care when moving it.
- The cooker may be installed in a kitchen/kitchen diner but **NOT** in a room containing a bath or shower.
- This cooker must be earthed.
- This cooker MUST NOT be connected to an ordinary domestic power point.
- It is normal for the hob control display to flash for about 2 seconds during first power setting.
- Set the clock to make sure that the oven is functional see the relevant section in this manual.
- The appliance must be installed in accordance with the regulations in force and only in a well ventilated space.
- Failure to install the appliance correctly could invalidate any warranty or liability claims and lead to prosecution.
- **DO NOT** install the appliance on a platform.
- **DO NOT** manouvre the cooker while it is plugged into the electricity supply.
- Before electrical reconnection, check that the appliance is electrically safe.

Gas Connection Safety

- This cooker is a Class 2 Subclass 1 appliance.
- This appliance can be converted for use on another gas.
- Before installation, make sure that the cooker is suitable for your gas type and supply voltage. See the data badge.
- **DO NOT** use reconditioned or unauthorised gas controls.
- Disconnect from the electricity and gas supply before servicing.
- When servicing or replacing gas-carrying components disconnect from the gas supply before starting operation. Check the appliance is gas sound after completion.
- Make sure that the gas supply is turned on and that the cooker is wired in and switched on.
- In your own interest and that of safety, it is law that all gas appliances be installed by a qualified person(s).
- An appliance for use on LPG must not be installed in a room or internal space below ground level, e.g. in a basement.
- · This cooker must be installed in accordance with:
 - British Standards/Codes of Practice, BS 5440 Part 2
 - Natural Gas: BS 6172 and BS 6891
 - LP Gas: BS 5482-1 (when the installation is in a permanent dwelling)
 - · Gas Safety (Installation and Use) regulations
 - Relevant Building/IET regulations

If You Smell Gas

- DO NOT turn electric switches on or off
- DO NOT smoke
- **DO NOT** use naked flames
- Turn off the gas at the meter or cylinder
- · Open doors and windows to get rid of the gas
- · Keep people away from the area affected
- Call your gas supplier
- If you are using Natural Gas in the UK, ring the National Grid on: 0800 111 999

Peculiar Smells

When you first use your cooker it may give off an odour. This should stop after use.

Before using for the first time, make sure that all packing materials have been removed and then, to dispel manufacturing odours, turn the ovens to 200 °C and run for at least an hour.

Before using the grill for the first time you should also turn on the grill and run for **30** minutes with the grill pan in position, pushed fully back and the grill door open.

Make sure the room is well ventilated to the outside air (see 'Ventilation' below). People with respiratory or allergy problems should vacate the area for this brief period.

Ventilation

The use of a cooking appliance results in the production of heat and moisture in the room in which it is installed. Therefore, make sure that the kitchen is well ventilated: keep natural ventilation holes open or install a powered cookerhood that vents outside. If you have several hotplates/burners on, or use the cooker for a long time, open a window or turn on an extractor fan

Maintenance

- It is recommended that this appliance is serviced annually.
- DO NOT use cooking vessels on the hotplate that overlap the edges.
- Unless specified otherwise in this guide, always allow the cooker to cool and then switch it off at the mains before cleaning or carrying out any maintenance work.
- DO NOT use the control knobs to manoeuvre the cooker.
- **NEVER** operate the cooker with wet hands.
- DO NOT use a towel or other bulky cloth in place of a glove – it might catch fire if brought into contact with a hot surface.
- DO NOT use hotplate protectors, foil or hotplate covers of any description. These may affect the safe use of your hotplate burners and are potentially hazardous to health.
- **NEVER** heat unopened food containers. Pressure build up may make the containers burst and cause injury.
- DO NOT use unstable saucepans. Always make sure that you position the handles away from the edge of the hotplate.
- NEVER leave the hotplate unattended at high heat settings. Pans boiling over can cause smoking, and greasy spills may catch on fire. Use a deep fat thermometer whenever possible to prevent fat overheating beyond the smoking point.
- Unattended cooking on a hob with fat or oil can be dangerous and may result in fire.
- NEVER leave a chip pan unattended. Always heat fat slowly, and watch as it heats. Deep fry pans should be only one third full of fat.
- NEVER try to move a pan of hot fat, especially a deep fat fryer. Wait until the fat is cool. Filling the pan too full of fat can cause spill over when food is added. If you use a combination of oils or fats in frying, stir them together before heating, or as the fats melt.
- Foods for frying should be as dry as possible. Frost on frozen foods or moisture on fresh foods can cause hot fat to bubble up and over the sides of the pan. Carefully watch for spills or overheating of foods when frying at high or medium high temperatures.
- DO NOT use the top of the flue (the slot along the back of the cooker) for warming plates, dishes, drying tea towels or softening butter.

- DO NOT use water on grease fires and never pick up a flaming pan. Turn the controls off and then smother a flaming pan on a surface unit by covering the pan completely with a well fitting lid or baking tray. If available, use a multi-purpose dry chemical or foamtype fire extinguisher.
- DO NOT modify this appliance. This appliance is not intended to be operated by means of external timer or separated remote-control system.
- If flammable materials are stored in the drawer, oven(s) or grill(s) it may explode and result in fire or property damage.

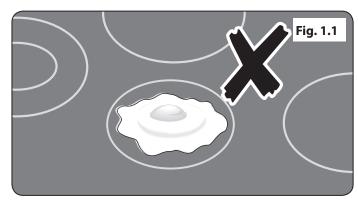
Induction and Ceramic Care

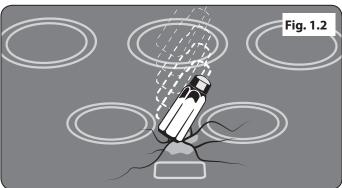
- Important information for pacemaker and implanted insulin pump users: The functions of this hob comply with the applicable European standards on electromagnetic interference. If you are fitted with a pacemaker or implanted insulin pump and are concerned please consult your doctor for medical advice.
- When the hob is in use keep magnetic items away, such as credit and debit cards, floppy disk, calculators, etc.
- Take care when touching the marked cooking areas of the hob.
- Use adequately sized pans with flat bottoms that are large enough to cover the surface of the hotplate heating area. Using undersized pans will expose a portion of the hotplate surface to direct contact and may result in the ignition of clothing
- Only certain types of glass, glass-ceramic, earthenware or other glazed containers are suitable for use on the warming zone; others may break because of the sudden change in temperature.
- Only certain types stainless steel, enamelled steel pans or cast iron pans with enamelled bases are suitable for induction hob cooking.
- Take care **NOT** to scratch the surface when placing cookware on the glass panel.
- Only certain types of glass, glass-ceramic, earthenware or other glazed containers are suitable for hotplate cooking; others may break because of the sudden change in temperature. NEVER cook directly on the hob surface (Fig. 1.1).
- DO NOT leave the hob zones switched on unless being used for cooking.
- **DO NOT** stand or rest heavy objects on the hob. Although the ceramic surface is very strong, a sharp blow or sharp falling object (e.g. a salt cellar) might cause the surface to crack or break **(Fig. 1.2)**.
- Should a crack appear in the surface, disconnect the appliance immediately from the supply and arrange for its repair.
- Always LIFT pans off the hob. Sliding pans may cause marks and scratches (Fig. 1.3).

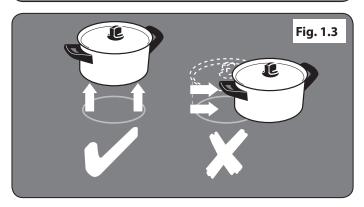
- Take care when placing hot lids onto the hob surface.
 Lids that have been covering boiling or steaming foods can 'stick' to the ceramic glass. Should this occur, DO NOT attempt to lift the lid off the hotplate: this may damage the hob surface. Instead, carefully slide the lid to the edge of the hob surface and remove.
- DO NOT place anything between the base of the pan and the hob surface (e.g. asbestos mats, aluminium foil, wok stand).
- Take care **NOT** to place metallic objects such as knives, forks, spoons and lids on the hob surface since they can get hot.
- We recommend that you avoid wiping any surface unit areas until they have cooled and the indicator light has gone off. Sugar spills are the exception to this (see 'Cleaning your Cooker'). After cleaning, use a dry cloth or paper towel to remove any cleaning cream residue.
- The ceramic surface should be washed after use in order to prevent it from becoming scratched or dirty. Clean the hob with caution as some cleaners can produce noxious fumes if applied to a hot surface..
- DO NOT leave the hob unattended. Care should be taken to not allow your cookware to boil dry. It will damage your cookware and Induction Glass Hob.
- After use, switch off the hob element by its control. DO NOT rely on the pan detector.

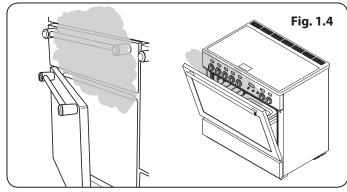
Oven Care

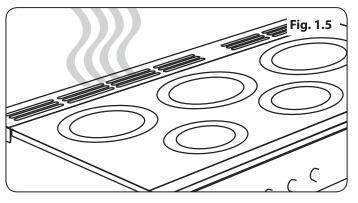
- When the oven is not in use and before attempting to clean the cooker always be certain that the control knobs are in the OFF position.
- Use oven gloves to protect your hand from potential burns.
- Cooking high moisture content foods can create a 'steam burst' when the oven door is opened (Fig. 1.4).
 When opening the oven, stand well back and allow any steam to disperse.
- The inside door face is constructed with toughened safety glass. Take care **NOT** to scratch the surface when cleaning the glass panel.
- Accidental damage may cause the door glass panel to fracture.
- Keep oven vent ducts unobstructed.
- DO NOT use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.
- Make sure the shelves are pushed firmly to the back of the oven. DO NOT close the door against the oven shelves
- DO NOT use aluminium foil to cover shelves, linings or the oven roof.
- When the oven is on, **DO NOT** leave the oven door open for longer than necessary, otherwise the control knobs may become very hot.
- **DO NOT** use the timed oven if the adjoining oven is already warm.











- **DO NOT** place warm food in the oven to be timed.
- **DO NOT** use a timed oven that is already warm.
- Use dry oven gloves when applicable using damp gloves might result in steam burns when you touch a hot surface.

Hob Care

- **NEVER** allow anyone to climb or stand on the hob.
- **DO NOT** use the hob surface as a cutting board.
- **DO NOT** leave utensils, foodstuffs or combustible items on the hob when it is not in use (e.g. tea towels, frying pans containing oil).
- DO NOT place plastic or aluminium foil, or plastic containers on the hob.
- Always turn the control to the OFF position before removing a pan.
- Avoid heating an empty pan. Doing so may damage both the hob and pan.

Grill/Glide-out Grill™ Care

- When using the grill, make sure that the grill pan is in position and pushed fully in, otherwise the control knobs may become very hot.
- DO NOT leave the grill on for more than a few moments without the grill pan underneath it, otherwise the knobs may become hot.
- **NEVER** close the grill door when the grill is on.
- Accessible parts may be hot when the grill is in use.
 Young children should be kept away.

Warming Zone Care

- **NEVER** attempt to cook on the warming zone.
- DO NOT use the warming zone as a cutting board.
- DO NOT leave the warming zone switched on unless being used for warming.
- Avoid warming an empty pan. Doing so may damage both the warming zone and pan.

Cooling Fan

This appliance may have a cooling fan. When the grill or oven is in operation the fan will run to cool the fascia and control knobs.

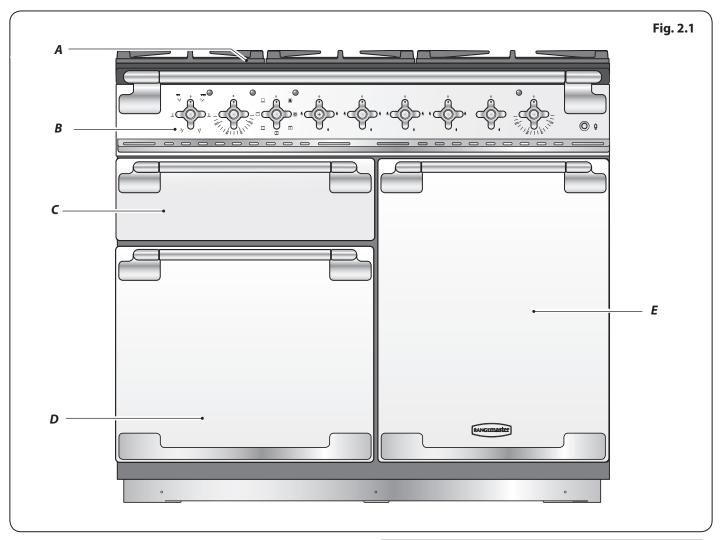
Cooker Care

As steam can condense to water droplets on the cool outer trim of the oven, it may be necessary during cooking to wipe away any moisture with a soft cloth. This will also help to prevent soiling and discolouration of the oven exterior by cooking vapours (Fig. 1.5).

Cleaning

- Isolate the electricity supply before carrying out any thorough cleaning. Allow the cooker to cool.
- In the interests of hygiene and safety, the cooker should be kept clean at all times as a build up in fats and other food stuff could result in a fire.
- · Clean only the parts listed in this guide.
- Clean with caution. If a wet sponge or cloth is used to wipe spills on a hot surface, be careful to avoid steam burns. Some cleaners can produce noxious fumes if applied to a hot surface.
- NEVER use paint solvents, washing soda, caustic cleaners, biological powders, bleach, chlorine based bleach cleaners, coarse abrasives or salt.
- **DO NOT** mix different cleaning products they may react together with hazardous results.
- All parts of the cooker can be cleaned with hot soapy water.
- Take care that no water seeps into the appliance.
- Before you remove any of the grill parts for cleaning, make sure that they are cool or use oven gloves.
- DO NOT use any abrasive substances on the grill and grill parts.
- **DO NOT** put the side runners in a dishwasher.
- **DO NOT** put the burner heads in a dishwasher.
- **NEVER** use caustic or abrasive cleaners as these will damage the surface.
- **DO NOT** use steel wool, oven cleaning pads or any other materials that will scratch the surface.
- NEVER store flammable materials in the drawer.
 This includes paper, plastic and cloth items, such as cookbooks, plastic ware and towels, as well as flammable liquids.
- DO NOT store explosives, such as aerosol cans, on or near the appliance.
- **DO NOT** use steel wool, oven cleaning pads, or any other materials that will scratch the surface.
- DO NOT attempt to disassemble or clean around any burner while another burner is on, otherwise an electric shock could result.

2. Cooker Overview



The 90 dual fuel cooker (Fig. 2.1) has the following features:

- **A.** Four hotplate burners with one wok burner
- **B.** Control Panel
- **C.** Glide-Out Grill™
- **D.** Multifunction Oven
- **E.** Tall Fan Oven

Hotplate Burners

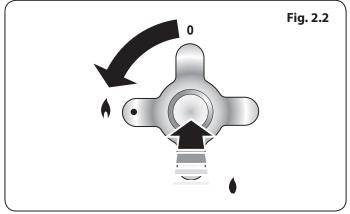
The drawing by each of the central knobs indicates which burner that knob controls.

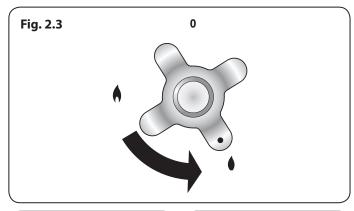
Each burner has a Flame Supervision Device (FSD) that prevents the flow of gas if the flame goes out.

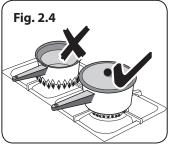
When a hotplate control knob is pressed in, sparks will be made at every burner – this is normal. Do not attempt to disassemble or clean around any burner while another burner is on, otherwise an electric shock could result.

To light a burner, push in and turn the associated control knob to the high position, as indicated by the large flame symbol (♠), (Fig. 2.2).

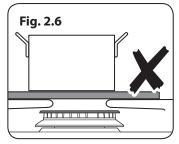
The igniter should spark and light the gas. Keep holding the knob pressed in to let the gas through to the burner for about ten seconds.

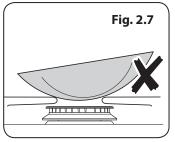


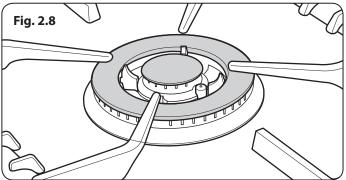












If, when you let go of the control knob, the burner goes out, then the FSD has not been bypassed. Turn the control knob to the OFF position and wait for one minute before you try again, this time making sure to hold in the control knob for slightly longer.

Adjust the flame height to suit by turning the knob counterclockwise (**Fig. 2.3**). On this cooker the low position is beyond high, **NOT** between high and off.

If a burner flame goes out, turn off the control knob and leave it for one minute before relighting it.

Make sure that the flames are under the pans. Using a lid will help the contents boil more quickly (Fig. 2.4).

Large pans should be spaced well apart.

Pans and kettles with concave bases or down-turned base rims should not be used (Fig. 2.5).

Simmering aids, such as asbestos or mesh mats, are **NOT** recommended (**Fig. 2.6**). They will reduce burner performance and could damage the pan supports.

You should also avoid using unstable and misshapen pans that may tilt easily, and pans with a very small base diameter, e.g. milk pans, single egg poachers (Fig. 2.7).

The minimum recommended pan diameter is 120 mm. The maximum allowable pan base diameter is 260 mm.

DO NOT use cooking vessels on the hotplate that overlap the edges.

Wok Burners

The wok burners are designed to provide even heat over a large area. They are ideal for large pans and stir-frying (Fig. 2.8).

For heating smaller pans, the aforementioned hotplate burners may be more efficient.

You should wipe the enamel top surface of the cooker around the hotplate burners as soon as possible after spills occur. Try to wipe them off while the enamel is still warm.

Note: The use of aluminium pans may cause metallic marking of the pan supports. This does not affect the durability of the enamel and may be cleaned off with a suitable metal cleaner.

The Wok Cradle

The wok cradle is designed to fit a 35 cm wok. If you use a different wok, make sure that it fits the cradle. Woks vary very widely in size and shape. It is important that the wok sits down on the pan support - however, if the wok is too small, the cradle will not support it properly (Fig. 2.9).

The cradle should be used on the wok burners only. When you fit the cradle, check that it is supported properly on a pan support and the wok is sitting level in the cradle (Fig. 2.10).

The cradle will get very hot in use – allow plenty of time for it to cool before you pick it up.

The Griddle (optional)

The griddle fits the left-hand pan support, front to back (Fig. **2.11)**. It is designed for cooking food on directly. DO NOT use pans of any kind on it. The griddle surface is non-stick and metal cooking utensils (e.g. spatulas) will damage the surface. Use heat resistant plastic or wooden utensils.



DO NOT put it crossways – it will not fit properly and will be unstable (Fig. 2.12).



DO NOT put it on any other burner - it is not designed to fit on any of the other pan supports.

Position the griddle over the hotplate burners resting on the pan support. Check that it is securely located.

The griddle can be lightly brushed with cooking oil before use (Fig. 2.13). Light the hotplate burners. Adjust the flame heights to suit.

Preheat the griddle for a maximum of 5 minutes before adding food. Leaving it longer may cause damage. Turn the control knobs towards the low position, marked with the small flame symbol, to reduce the burner flames.

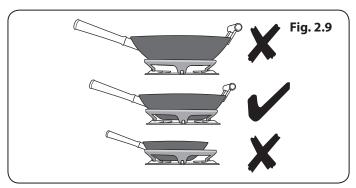


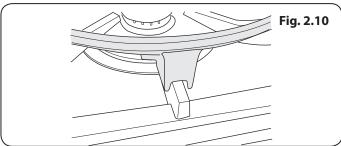
Always leave space around the griddle for the gases to escape.

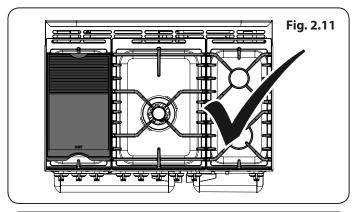


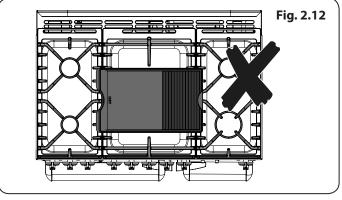
NEVER fit two griddles side by side.

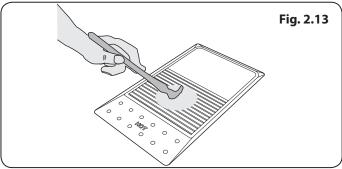
After cooking, allow the griddle to cool before cleaning.

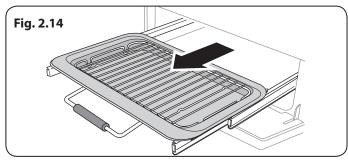


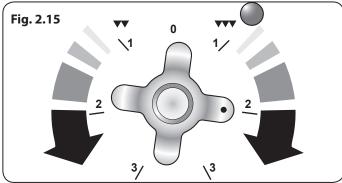


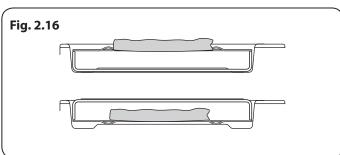












The Glide-out Grill

A CAUTION: This appliance is for cooking purposes only. It must not be used for other purposes, for example room heating.



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

Open the door and pull the grill pan carriage forward using the handle (Fig. 2.14).

The grill has two elements that allow either the whole area of the pan to be heated or just the right-hand half.

To heat the whole grill, turn the knob clockwise (Fig. 2.15).

To heat the right-hand half, turn the knob counter-clockwise. The neon indicator light by the grill control will come on.

For best results, slide the carriage back into the grill chamber and preheat the appropriate part(s) of the grill for two minutes. The grill trivet can be removed and the food placed on it while you are waiting for the grill to preheat.



DO NOT leave the grill on for more than a few moments without the grill pan underneath it, otherwise the knobs may become hot.

Once the grill has preheated, slide the carriage out again. With the trivet back in place with the food on it, slide the carriage back into the grill chamber. Make sure that it is pushed right in.

The grill pan trivet can be turned over to give two grilling positions (Fig. 2.16).



NEVER close the grill door when the grill is on.

The Ovens

References to 'left-hand' and 'right-hand' ovens apply as viewed from the front of the appliance.

The left-hand oven is a multifunction oven, while the right-hand oven is a tall fan oven.

The Multifunction Oven

As well as the oven fan and fan element, multifunction ovens are fitted with two extra heating elements, one visible in the top of the oven and the second under the oven base. Take care to avoid touching the top element and element deflector when placing or removing items from the ovens.

The multifunction oven has 3 main cooking functions: **fan**, **fan assisted** and **conventional cooking**. These functions should be used to complete most of your cooking.

The **browning element** and **base heat** can be used in the latter part of the cooking process to fine tune the results to your particular requirements.

Table 2-1 gives a summary of the multifunction modes.

The multifunction ovens have many varied uses. We suggest you keep a careful eye on your cooking until you are familiar with each function. Remember – not all functions will be suitable for all food types.

The Fan Oven

The right-hand oven is a fan oven that circulates hot air continuously, which means faster, more even cooking.

The recommended cooking temperatures for a fan oven are generally lower than a conventional oven.

Note: Please remember that all cookers vary so temperatures in your new ovens may differ to those in your previous cooker.

Operating the OvensFan Oven

Turn the oven knob to the desired temperature (Fig. 2.17).

The oven indicator light will glow until the oven has reached the temperature selected. It will then cycle on and off during cooking.

Multifunction Oven

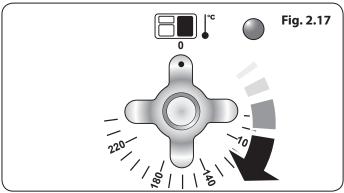
The multifunction oven has two controls: a function selector and a temperature setting knob (Fig. 2.18).

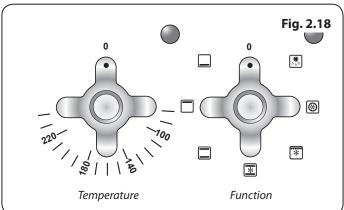
Turn the function selector control to a cooking function. Turn the oven temperature knob to the temperature required (Fig. 2.19).

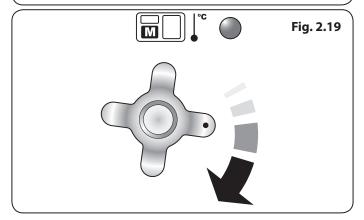
The oven indicator light will glow until the oven has reached the temperature you selected. It will then cycle on and off during cooking.

<u> </u>	Т	
Function	Use	
Fan oven	A full cooking function, even heat throughout, great for baking	
Fanned grilling	Grilling meat and fish with the door closed	
Fan assisted	A full cooking function good for roasting and baking	
Conventional oven	A full cooking function for roasting and baking in the lower half of the oven	
Browning element	To brown and crisp cheese topped dishes	
Base heat	To crisp up the bases of quiche, pizza or pastry	
Defrost	Use the Defrost function to safely thaw small items of frozen food in the oven without heat.	

Table 2-1







Multifunction Oven Functions Fan Oven



This function operates the fan and the heating element around it. An even heat is produced throughout the oven, allowing you to cook large amounts quickly.

Fan oven cooking is particularly suitable for baking on several shelves at one time and is a good 'all-round' function. It may be necessary to reduce the temperature by approximately 10 °C for recipes previously cooked in a conventional oven.

If you wish to preheat the oven, wait until the indicator light has gone out before inserting the food.

Fanned Grilling



This function operates the fan whilst the top element is on. It produces a more even, less fierce heat than a conventional grill. For best results, place the food to

be grilled, on a grid over a roasting tin, which should be smaller than a conventional grill pan. This allows greater air circulation. Thick pieces of meat or fish are ideal for grilling in this way, as the circulated air reduces the fierceness of the heat from the grill.

The oven door should be kept closed while grilling is in progress, so saving energy. You will also find that the food needs to be watched and turned less than for normal grilling. Preheat this function before cooking.

For best results we recommend that the grill pan is not located on the uppermost shelf.

Fan Assisted Oven



This function operates the fan, circulating air heated by the elements at the top and the base of the oven. The combination of fan and conventional cooking

(top and base heat) makes this function ideal for cooking large items that need thorough cooking, such as a large meat roast.

It is also possible to bake on two shelves at one time, although they will need to be swapped over during the cooking time, as the heat at the top of the oven is greater than at the base, when using this function.

This is a fast intensive form of cooking; keep an eye on the food cooking until you have become accustomed to this function.

Conventional Oven (Top and Base Heat)



This function combines the heat from the top and base elements. It is particularly suitable for roasting and baking pastry, cakes and biscuits.

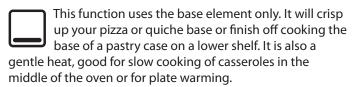
Food cooked on the top shelf will brown and crisp faster than on the lower shelf, because the heat is greater at the top of the oven than at the base, as in 'Fan Assisted Oven' function. Similar items being cooked will need to be swapped around for even cooking. This means that foods requiring different temperatures can be cooked together, using the cooler zone in the lower half of the oven and hotter area to the top.

The exposed top element may cook some foods too quickly, so we recommend that the food be positioned in the lower half of the oven to cook. The oven temperature may also need to be lowered.

Browning Element

This function uses the element in the top of the oven only. It is a useful function for the browning or finishing of pasta dishes, vegetables in sauce, shepherds pie and lasagne, the item to be browned being already hot before switching to the top element.

Base Heat



The Browning and Base Heat functions are useful additions to your oven, giving you flexibility to finish off items to perfection.

Defrost



This function operates the fan to circulate cold air only. Make sure the temperature control is at 0°C and that no heat is applied. This enables small items such

as desserts, cream cakes and pieces of meat, fish and poultry to be defrosted.

Defrosting in this way speeds up the process and protects the food from flies. Pieces of meat, fish and poultry should be placed on a shelf, over a tray to catch any drips. Be sure to wash the shelf and tray after defrosting.

Defrost with the oven door closed.

Large items, such as whole chickens and joints should not be defrosted in this way. We recommend this be carried out in a refrigerator.

Defrosting should not be carried out in a warm oven or when an adjoining oven is in use or still warm.

Make sure that dairy foods, meat and poultry are completely defrosted before cooking.

Accessories

Oven Shelves

Your cooker is supplied with two flat shelves (Fig. 2.20).

Removing and Refitting the Oven Shelves

To remove the shelf, line these up with the stops in the shelf support (Fig. 2.21). Lift the shelf upwards so that it will pass over the shelf stop (Fig. 2.22) and then pull it forwards (Fig. 2.23).

Refit in the reverse order, making sure to push it fully back.

Oven Shelves - Right-hand (Tall) Oven

The tall oven is supplied with four flat cooking shelves (Fig. 2.24) and a plate warming shelf (Fig. 2.25).

When using the tall oven, you can cook on all four shelves at the same time, but make sure that they are well spaced out to allow the hot air to circulate.

The Handyrack (Main Oven)

The Handyrack (**Fig. 2.26**) fits to the left-hand oven door only. Food cooking on it is easy to attend to, because it is accessible when the door is open.

The maximum weight that can be held by the Handyrack is 5.5 kg (12 lb). It should only be used with the supplied roasting tin, which is designed to fit the Handyrack. Any other vessel could be unstable.

It can be fitted at two different heights. One of the oven shelves must be removed and the other positioned to suit.

When the Handyrack is used in its highest position, other dishes can be cooked on the bottom shelf position or base of the oven.

When the Handyrack is used in its lowest position, other dishes can be cooked on the second shelf position or base of the oven.

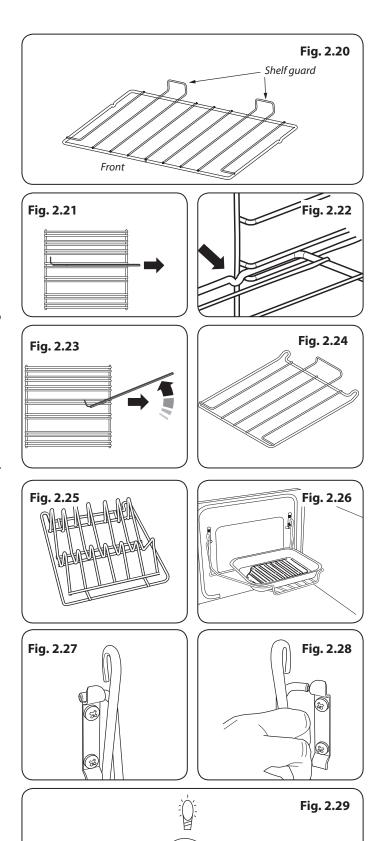
To fit the Handyrack, locate one side of it on the door bracket (Fig. 2.27).

Then spring the other side out to clip it onto the other bracket (**Fig. 2.28**).

Oven Light

Press the button to turn the light on (Fig. 2.29).

If the oven light fails, turn off the power supply before changing the bulb. See the 'Troubleshooting' section for details on how to change the bulb.



3. Cooking Tips

Cooking with a Multifunction Oven

Remember: not all modes are suitable for all food types. The oven cooking times given are intended for a guide only.

General Oven Tips

The wire shelves should always be pushed firmly to the back of the oven.

Baking trays with food cooking on them should be placed level with the front edge of the oven's wire shelves. Other containers should be placed centrally.

Keep all trays and containers away from the back of the oven, as overbrowning of the food may occur.

For even browning, the maximum recommended size of a baking tray is $340 \text{ mm} (13\frac{1}{2}")$ by $340 \text{ mm} (13\frac{1}{2}")$, in the main oven $232 \text{ mm} (9\frac{1}{2}")$ and $321 \text{ mm} (12\frac{1}{2}")$ in the tall oven.

When the oven is on, do not leave the door open for longer than necessary, otherwise the knobs may get very hot.

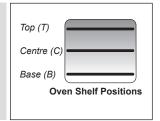
- Always leave a "finger's width" between dishes on the same shelf. This allows the heat to circulate freely around them.
- To help keep your oven clean, cover meat when roasting, with foil or use a roasting bag.
- To reduce fat splashing when you add vegetables to hot fat around a roast, dry them thoroughly or brush lightly with cooking oil.
- Where dishes may boil and spill over during cooking, place them on a baking tray.
- If you want to brown the base of a pastry dish, preheat the baking tray for 15 minutes before placing the dish in the centre of the tray.
- Sufficient heat rises out of the oven while cooking.
- If you want to brown the base of a pastry dish, preheat the baking tray for 15 minutes before placing the dish in the centre of the oven.

4. Cooking Table

The oven control settings and cooking times given in the table below are intended to be used **AS A GUIDE ONLY**. Individual tastes may require the temperature to be altered to provide a preferred result.

Food is cooked at lower temperature in a fan oven than in a conventional oven. When using recipes, reduce the fan oven temperature by $10\,^{\circ}$ C and the cooking time by 5-10 minutes. The temperature in the fan oven does not vary with height in the oven so you can use any shelf.

Conventional Oven Fan Oven



T - Top;	C-	Centre;	В-	Base
----------	----	---------	----	------

Beef (no bone)		Temperature °C	Temperature		·	
Beef (no bone)	Food	(Shelf Position)	°C	Approximate Cooking Time		
Lamb	Meat					
Lamb	Beef (no bone)	160 (C)	150	30-35 minutes per 500g +30-35 minutes.		
Lamb		200 (C)	190	20-25 minutes per 500g +20-25 minutes.		
Pork	Lamb	160 (C)	150	30-35 minutes per 500g +30-35 minutes.	cooking time adjusted accordingly.	
Poultry		200 (C)	190	25-30 minutes per 500g +25-30 minutes.		
Polity	Pork	160 (C)	150	35-40 minutes per 500g +35-40 minutes.	or cook at 200°C (190°C) for 20	
Chicken		200 (C)	190	25-30 minutes per 500g +25-30 minutes.		
Turkey	Poultry				remainder.	
Turkey	Chicken	160 (C)	150	20-25 minutes per 500g +20-25 minutes.		
Turkey		200 (C)	190	15-20 minutes per 500g +15-20 minutes.		
Duck 150 (C) 190 15 minutes per 500g +15 minutes 0 five suffing For fresh or frozen prepacked poultry, follow instructions on the pack Thoroughly thank frozen prepacked poultry, follow instructions on the pack Thoroughly thank frozen prepacked poultry, follow instructions on the pack Thoroughly thank frozen prepacked poultry, follow instructions on the pack Thoroughly thank frozen prepacked poultry, follow instructions on the pack Thoroughly thank frozen prepacked poultry, follow instructions on the pack Thoroughly thank frozen prepacked poultry, follow instructions on the pack Thoroughly thank frozen prepacked poultry, follow instructions on the pack Thoroughly thank frozen prepacked poultry, follow instructions on the pack Thoroughly thank frozen prepacked poultry, follow instructions on the pack Thoroughly thank frozen prepacked poultry, follow instructions on the pack Thoroughly thank frozen prepacked poultry, for for the decoration of the poultry frozen prepacked poultry frozen prepacked poultry, follow instructions on the pack Thoroughly thank frozen prepacked poultry, for for the pack Thoroughly thank frozen prepacked poultry frozen poultry frozen prepacked poultry frozen poultry fro	Turkey	160 (C)	150	20 minutes per 500g +20 minutes.		
200 (C) 190 20 minutes per 300g. pack. Throughly thaw frozen		200 (C)	190	15 minutes per 500g +15 minutes.	of the stuffing.	
Casserole	Duck	160 (C)	150	25-30 minutes per 500g.		
Yorkshire Pudding 220 (C) 210 Large tins 30-35 minutes; individual 10-20 minutes. Cake Very rich fruit - Christmas, wedding, etc. 140 (C/B) 130 45-50 minutes per 500g of mixture. Using the conventional oven: when two lier cooking leave at least one runner space between shelves. Fruit 180 mm tin 150 (C/B) 140 2-2½ hours. Position the baking tray with the front edge along the front of the oven shelf. Fruit 230 mm tin 150 (C/B) 140 Up to 3½ hours. Position the baking tray with the front edge along the front of the oven shelf. Small cakes 170 (C/B) 160 15-25 minutes. oven shelf. Scones 200 (C/B) 190 10-15 minutes. Up to three tiers can be cooked in a front edge along the front of the oven shelf. Scones 200 (C/B) 160 20-30 minutes. Up to three tiers can be cooked in a front edge along the front of the oven shelf. Scones 200 (C/B) 160 20-30 minutes. Up to three tiers can be cooked in a front edge along the front of the oven shelf. Publication of the baking tray with the same time but make sure to leave at least one runner state that the same time but make sure to leave at least one runner state the same time but make sure to leave at least one runner state the		200 (C)	190	20 minutes per 500g.		
Cake Very rich fruit - Christmas, vedding, etc. 140 (C/B) 130 45-50 minutes per 500g of mixture. Using the conventional oven: when two tier cooking leave at least one runner space between shelves. Fruit 180 mm tin 150 (C/B) 140 2-2½ hours. runner space between shelves. Fruit 230 mm tin 150 (C/B) 140 Up to 3½ hours. position the baking tray with the front edge along the front of the over shelf. Madeira 180 mm 160 (C/B) 150 80-90 minutes. over shelf. Small cakes 170 (C/B) 160 15-25 minutes. over shelf. Scones 200 (C/B) 190 10-15 minutes. Up to three tiers can be cooked in a fan oven at the same time but make state to runner space between each shelf being cooked on. 210 mm tin 170 (C/B) 160 20-30 minutes. Up to three tiers can be cooked in a fan oven at the same time but make state to runner space between each shelf being cooked on. Posserts 5 180 (C/B) 190 20-30 minutes on a preheated tray. space between each shelf being cooked on. Fruit pies 180 (C/B) 170 35-45 minutes. cooked on. Tartlets 180 (C/B) 170 </td <td>Casserole</td> <td>140-150 (C)</td> <td>130-140</td> <td>2-4 hours according to recipe.</td> <td>poultry before cooking.</td>	Casserole	140-150 (C)	130-140	2-4 hours according to recipe.	poultry before cooking.	
Very rich fruit - Christmas, wedding, etc. 140 (C/B) 130 45-50 minutes per 500g of mixture. Using the conventional oven: when two lier cooking leave at least one numer space between shelves. Fruit 180 mm tin 150 (C/B) 140 2-2½ hours. Position the baking tray with the front edge along the front of the oven shelf. Fruit 230 mm tin 150 (C/B) 150 80-90 minutes. oven shelf. Small cakes 170 (C/B) 160 15-25 minutes. Scones 200 (C/B) 190 10-15 minutes. Victoria sandwich 180 mm tin 170 (C/B) 160 20-30 minutes. 210 mm tin 170 (C/B) 160 30-40 minutes. Up to three tiers can be cooked in a can oven at the same time but make an oven at the same time but mak	Yorkshire Pudding	220 (C)	210	Large tins 30-35 minutes; individual 10-20 minutes.		
wedding, etc. two lier cooking leave at least one runner space between shelves. Fruit 180 mm tin 150 (C/B) 140 2-2½ hours. Position the baking tray with the front edge along the front of the oven shelf. Fruit 230 mm tin 150 (C/B) 150 80-90 minutes. oven shelf. Small cakes 170 (C/B) 160 15-25 minutes. Scones 200 (C/B) 190 10-15 minutes. Victoria sandwich 180 mm tin 170 (C/B) 160 20-30 minutes. 210 mm tin 170 (C/B) 160 30-40 minutes. Up to three tiers can be cooked in a fan oven at the same time but make sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being cooked on. Tartlets 180 (C/B) 170 35-45 minutes. cooked on. Tartlets 180 (C/B) 170 10-20 minutes according to size. Meringues 100 (C/B) 200 20-40 minutes according to size. Meringues 100 (C/B) 90 2-3 hours. Using the conventional oven: for even browning the maximum size on baking tray recommended is 340 mi	Cake					
wedding, etc. two fier cooking leave at least one runner space between shelves. Position the baking tray with the Fruit 230 mm tin 150 (C/B) 140 Up to 3½ hours. two fier cooking leave at least one runner space between shelves. Position the baking tray with the front edge along the front of the over shelf. Madeira 180 mm 160 (C/B) 150 80-90 minutes. oven shelf. Small cakes 170 (C/B) 160 15-25 minutes. oven shelf. Scones 200 (C/B) 190 10-15 minutes. Up to three tiers can be cooked in a fan oven at the same time but make sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being sure to leave at least one runner space down and the same time but make sure to leave at least one runner space down and the same time but make sure to leave at least one runner space down and the same time but make sure to leave at least one runner space downer. Fish End	Very rich fruit - Christmas	, 140 (C/B)	130	45-50 minutes per 500g of mixture.	Using the conventional oven: when	
Fruit 230 mm tin 150 (C/B) 140 Up to 3½ hours. Position the baking tray with the front edge along the front of the over shelf. Madeira 180 mm 160 (C/B) 150 80-90 minutes. over shelf. Small cakes 170 (C/B) 160 15-25 minutes. Scones 200 (C/B) 190 10-15 minutes. Victoria sandwich 180 mm tin 170 (C/B) 160 20-30 minutes. 210 mm tin 170 (C/B) 160 30-40 minutes. Up to three tiers can be cooked in a fan oven at the same time but make sure to leave at least one runner sure to leave at least one runner from the same time but make sure to leave at least one runner sure to leave at least one runner from the same time but make sure to leave at least one runner from the same time but make sure to leave at least one runner from the same time but make sure to leave at least one runner from the same time but make sure to leave at least one runner from the same time but make sure to leave at least one runner from the same time but make sure to leave at least one runner from the same time but make sure to leave at least one runner from the same time but make sure to leave at least one runner from the same time but make sure to leave at least one runner from the same time but make sure to leave at least one runner from the same time but make sure to leave at least one runner from the same time but make sure to leave at least one runner from the same time but make sure to leave at least one runner from the sure to leave at least one runner from the same time but make sure to leave at least one runner from the sure to leave at least one runner from the sure to leave at least one runner from the sure to leave at least one runner from the sure to leave at least one runner from the sure to leave at least one runner from the sure to leave at least one runner from the sure to leave at least one runner from the sure to leave at least one runner from the sure to leave at least one runner from the sure to leave at least one runner from the sure to leave at least one runner from the sure to leave at least one runner from the sure to l	wedding, etc.				two tier cooking leave at least one	
Fruit 230 mm tin Madeira 180 mm 160 (C/B) 150 80-90 minutes. 8mall cakes 170 (C/B) 160 15-25 minutes. 8cones 200 (C/B) 190 10-15 minutes. Victoria sandwich 180 mm tin 170 (C/B) 160 20-30 minutes. Up to three tiers can be cooked in a fan oven at the same time but make sure to leave at least one runner space between each shelf being runting the maximum size of baking tray recommended is 340 m Baked egg custard Baked sponge pudding Milk pudding Fruit (C/B) 190 (C/B) 190 (C/B) 190 (C/B) 190 (C/B) 190 20-30 minutes on a preheated tray. 100 (C/B) 100 20-40 minutes according to size. 100 (C/B) 100 (C	Fruit 180 mm tin	150 (C/B)	140	2-2½ hours.		
Small cakes 170 (C/B) 160 15-25 minutes.	Fruit 230 mm tin	150 (C/B)	140	Up to 3½ hours.		
Scones 200 (C/B) 190 10-15 minutes.	Madeira 180 mm	160 (C/B)	150	80-90 minutes.		
Victoria sandwich 180 mm tin 170 (C/B) 160 20-30 minutes. 210 mm tin 170 (C/B) 160 30-40 minutes. Up to three tiers can be cooked in a fan oven at the same time but make sure to leave at least one runner space between each shelf being sure to leave at least one runner space between each shelf being cooked on. Shortcrust tarts 200 (C/B) 190 20-30 minutes on a preheated tray. space between each shelf being cooked on. Fruit pies 180 (C/B) 170 10-20 minutes according to size. Puff pastry 210 (C/B) 200 20-40 minutes according to size. Meringues 100 (C/B) 90 2-3 hours. Using the conventional oven: for even browning the maximum size on a preheated tray. Baked egg custard 160 (C/B) 150 45-60 minutes. Using the conventional oven: for even browning the maximum size on a preheated tray. Baked sponge pudding 180 (C/B) 150 45-60 minutes. according to size. Milk pudding 180 (C/B) 130-140 2 to 3 hours. according to size. Bread 210 (C) 200 20-30 minutes. according to size. Brish Fanned Grilling	Small cakes	170 (C/B)	160	15-25 minutes.		
180 mm tin 170 (C/B) 160 20-30 minutes. Up to three tiers can be cooked in a fan oven at the same time but make sure to leave at least one runner space between each shelf being cooked on.	Scones	200 (C/B)	190	10-15 minutes.		
Desserts Shortcrust tarts Shortcrust tarts Puff pastry Baked egg custard Baked sponge pudding Milk pudding Milk pudding Milk pudding Milk pudding Milk pudding Fillet Mynole Myn	Victoria sandwich					
Shortcrust tarts 200 (C/B) 190 20-30 minutes on a preheated tray. Fruit pies 180 (C/B) 170 35-45 minutes. Tartlets 180 (C/B) 170 10-20 minutes according to size. Puff pastry 210 (C/B) 200 20-40 minutes according to size. Meringues 100 (C/B) 90 2-3 hours. Baked egg custard Baked sponge pudding Milk pudding 140-150 (C/B) 130-140 2 to 3 hours. Bread 210 (C/B) 190 (C/B) 15-20 minutes. Fish Fanned Grilling Fillet 190 (C/B) 190 (C/B) 15-20 minutes per 500g.	180 mm tin	170 (C/B)	160	20-30 minutes.		
Shortcrust tarts 200 (C/B) 190 20-30 minutes on a preheated tray. Fruit pies 180 (C/B) 170 35-45 minutes. Tartlets 180 (C/B) 170 10-20 minutes according to size. Puff pastry 210 (C/B) 200 20-40 minutes according to size. Meringues 100 (C/B) 90 2-3 hours. Baked egg custard 160 (C/B) 150 45-60 minutes. Baked sponge pudding Milk pudding 140-150 (C/B) 130-140 2 to 3 hours. Bread 210 (C/B) 190 (C/B) 15-20 minutes. Fish Fanned Grilling Fillet 190 (C/B) 190 (C/B) 15-20 minutes per 500g.	210 mm tin	170 (C/B)	160	30-40 minutes.	Up to three tiers can be cooked in a	
Shortcrust tarts Fruit pies 180 (C/B) 170 35-45 minutes. Tartlets 180 (C/B) 170 10-20 minutes according to size. Puff pastry Puff pastry Meringues 100 (C/B) 190 2-3 hours. Using the conventional oven: for even browning the maximum size of baking tray recommended is 340 mm. Baked egg custard Baked sponge pudding Milk pudding 140-150 (C/B) 130-140 2 to 3 hours. Bread 210 (C/B) 200 20-30 minutes. Should be interchanged approximately halfway though the cooking time. Whole 190 (C/B) 190 (C/B) 15-20 minutes per 500g.	Desserts					
Tartlets 180 (C/B) 170 10-20 minutes according to size. Puff pastry 210 (C/B) 200 20-40 minutes according to size. Meringues 100 (C/B) 90 2-3 hours. Baked egg custard 160 (C/B) 150 45-60 minutes. Baked sponge pudding 180 (C/B) 170 40-45 minutes. Milk pudding 140-150 (C/B) 130-140 2 to 3 hours. Bread 210 (C) 200 20-30 minutes. Fish Fanned Grilling 190 (C/B) 190 (C/B) 15-20 minutes. Whole 190 (C/B) 190 (C/B) 15-20 minutes per 500g.	Shortcrust tarts	200 (C/B)	190	20-30 minutes on a preheated tray.		
Puff pastry Meringues Baked egg custard Baked sponge pudding Milk pudding Bread Dusing the conventional oven: for even browning the maximum size of baking tray recommended is 340 mm. This ensures free heat circulation. Bread Dusing the conventional oven: for even browning the maximum size of baking tray recommended is 340 mm. This ensures free heat circulation. Milk pudding Dusing the conventional oven: for even browning the maximum size of baking tray recommended is 340 mm. This ensures free heat circulation. If cooking a two tier load, the trays should be interchanged approximately halfway though the cooking time. Fish Fanned Grilling Fillet Dusing the conventional oven: for even browning the maximum size of baking tray recommended is 340 mm. This ensures free heat circulation. If cooking a two tier load, the trays should be interchanged approximately halfway though the cooking time. Whole Dusing the conventional oven: for even browning the maximum size of baking tray recommended is 340 mm. This ensures free heat circulation. If cooking a two tier load, the trays should be interchanged approximately halfway though the cooking time. The province of the cooking tray recommended is 340 mm. This ensures free heat circulation. If cooking a two tier load, the trays should be interchanged approximately halfway though the cooking time.	Fruit pies	180 (C/B)	170	35-45 minutes.	cooked on.	
Meringues 100 (C/B) 90 2-3 hours. Baked egg custard 160 (C/B) 150 45-60 minutes. Baked sponge pudding 180 (C/B) 170 40-45 minutes. Milk pudding 140-150 (C/B) 130-140 2 to 3 hours. Bread 210 (C) 200 20-30 minutes. Fish Fanned Grilling Fillet 190 (C/B) 190 (C/B) 15-20 minutes per 500g. Using the conventional oven: for even browning the maximum size of even browning the even browning the maximum size of even browning the even browning the maximum size of even browning the maximum size of even browning the even browning the selection size of even browning the even browning the even browning the even browning	Tartlets	180 (C/B)	170	10-20 minutes according to size.		
Baked egg custard Baked sponge pudding Milk pudding Bread Table (C/B) Bread Table (C/B) T	Puff pastry	210 (C/B)	200	20-40 minutes according to size.		
Baked sponge pudding Baked sponge pudding Milk pudding 180 (C/B) 170 40-45 minutes. x 340 mm. This ensures free heat circulation. If cooking a two tier load, the trays should be interchanged approximately halfway though the cooking time. Whole 190 (C/B) 190 (C/B) 150 43-60 minutes. baking tray recommended is 340 m x 340 mm. This ensures free heat circulation. If cooking a two tier load, the trays should be interchanged approximately halfway though the cooking time. whole	Meringues	100 (C/B)	90	2-3 hours.		
Baked sponge pudding Milk pudding 180 (C/B) 170 40-45 minutes. x 340 mm. This ensures free heat circulation. Bread 210 (C) 200 20-30 minutes. If cooking a two tier load, the trays should be interchanged approximately halfway though the cooking time. Fish Fillet Fanned Grilling 190 (C/B) 15-20 minutes. Whole 190 (C/B) 190 (C/B) 15-20 minutes per 500g.	Baked egg custard	160 (C/B)	150	45-60 minutes.		
Bread 210 (C) 200 20-30 minutes. Fish Fanned Grilling Fillet 190 (C/B) 190 (C/B) 15-20 minutes. Whole 190 (C/B) 190 (C/B) 15-20 minutes per 500g. If cooking a two tier load, the trays should be interchanged approximately halfway though the cooking time.	Baked sponge pudding	180 (C/B)	170	40-45 minutes.		
Fish Fanned Grilling Fillet 190 (C/B) 190 (C/B) 15-20 minutes. Whole 190 (C/B) 190 (C/B) 15-20 minutes per 500g. should be interchanged approximately halfway though the cooking time.	Milk pudding	140-150 (C/B)	130-140	2 to 3 hours.		
Fish Fanned Grilling approximately halfway though the cooking time. Fillet 190 (C/B) 190 (C/B) 15-20 minutes. cooking time. Whole 190 (C/B) 190 (C/B) 15-20 minutes per 500g.	Bread	210 (C)	200	20-30 minutes.		
Whole 190 (C/B) 190 (C/B) 15-20 minutes per 500g.	Fish	Fanned Grilling			approximately halfway though the	
	Fillet	190 (C/B)	190 (C/B)	15-20 minutes.	cooking time.	
Steak 190 (C/B) 190 (C/B) Steaks according to thickness.	Whole	190 (C/B)	190 (C/B)	15-20 minutes per 500g.		
	Steak	190 (C/B)	190 (C/B)	Steaks according to thickness.		

Cleaning Your Cooker

Essential Information

Isolate the electricity supply before carrying out any thorough cleaning. Allow the cooker to cool.



NEVER use paint solvents, washing soda, caustic cleaners, biological powders, bleach, chlorine based bleach cleaners, coarse abrasives or salt.



DO NOT mix different cleaning products – they may react together with hazardous results.

All parts of the cooker can be cleaned with hot soapy water - but take care that no surplus water seeps into the appliance.

Remember to switch on the electricity supply before re-using the cooker.

Hotplate Burners

The burner heads and caps can be removed for cleaning.



A DO NOT put the burner heads in a dishwasher.

Make sure they are absolutely dry before replacing them.

The Single Ring Burners

When refitting the burner head, make sure that the notch lines up with the electrode or hole in the base. Check that the burner head is level and that the cap is fitted centrally on the burner head (Fig. 5.1).

The Wok Burner

The wok burner can also be taken apart for cleaning.

When reassembling the wok burner (Fig. 5.2), turn over the large base ring and find the 'D' shaped area (Fig. 5.3). Turn the head until the 'D' matches the one on the burner base. Flip the burner over once again and place it on the burner base.

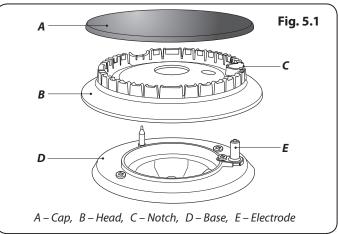
To fit the small inner burner, find the larger electrode notch in the burner rim. Line this up with the white ignition electrode and place the inner burner on the large base ring (Fig. 5.4).

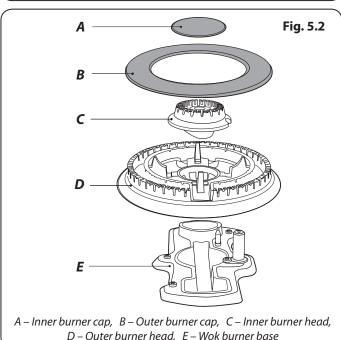
Now fit the two burner caps, making sure that they are seated properly.

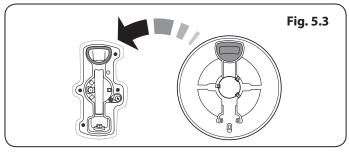
Check the burner ports are not blocked. If a blockage occurs, remove stubborn particles using a piece of fuse wire.

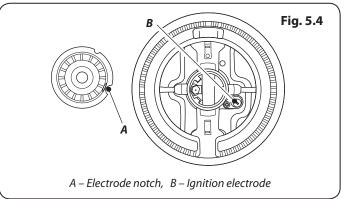
The Wok Cradle

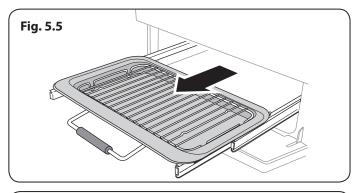
Recommended cleaning materials are hot soapy water, a moistened soap pad, cream cleaner or a nylon scourer.

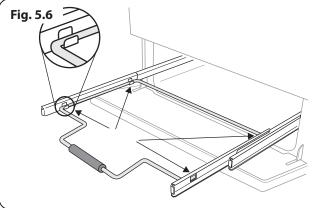


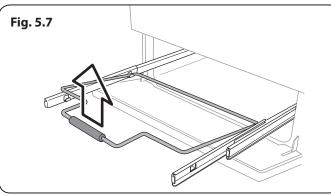


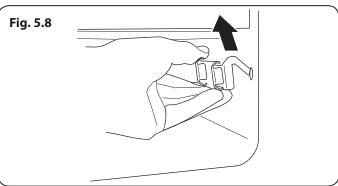












The Griddle

Always clean the griddle after use. Allow it to cool completely before removing. Immerse the griddle plate in hot soapy water. Use a soft cloth or, for stubborn stains, a nylon washing up brush.

Note: If the griddle is washed in a dishwasher then some dishwasher residue may appear on the back. This is normal and will not affect the performance of your griddle.

Glide-out Grill

A

Before you remove any of the grill parts for cleaning. make sure that they are cool, or use oven gloves.

The grill pan and trivet should be washed in hot soapy water. Alternatively, the grill pan can be washed in a dishwasher.

After grilling meats or any foods that soil, leave to soak for a few minutes in the sink immediately after use. Stubborn particles may be removed from the trivet by using a nylon brush.

The grill pan can be easily removed for cleaning as follows:

Remove the grill pan support frame by pulling the grill pan forward (Fig. 5.5).

Lift the grill pan clear of the support frame. The support frame is held to the side rails by two clips on each side (**Fig. 5.6**).

For each side, support the side rail with one hand and with the other hand lift the frame up and out of the side clips (Fig. 5.7).

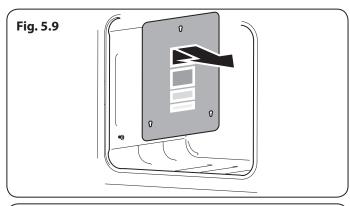
For safety, push the side rails back into the grill chamber.

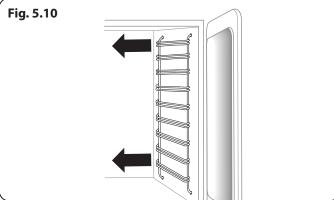
If you need to remove the side rails to allow cleaning of the grill chamber, you can unhook them from the grill chamber sides (**Fig. 5.8**) and wipe the sides clean with a soft cloth and mild detergent.

DO NOT put the side runners in a dishwasher.

Once you have finished, hook the side rails back onto the sides of the chamber. To refit the frame, pull the side rails forward and, for each side in turn, support the side rail and press the frame down into the side rails.

Replace the grill pan.





Control Panel and Doors

Avoid using any abrasive cleaners including cream cleaners. For best results, use a liquid detergent.

The same cleaner can also be used on the doors, or alternatively, using a soft cloth wrung out in clean hot soapy water – but take care that no surplus water seeps into the appliance.

After cleaning, polish with a dry cloth.

Ovens

'Cook & Clean' Panels

The side panels in the multifunction oven have been coated with a special enamel that partly cleans itself. This does not stop all marks on the lining, but helps to reduce the amount of manual cleaning needed.

The 'Cook & Clean' panels work better above 200 °C. If you do most of your cooking below this temperature, occasionally remove the panels and wipe with a lint free cloth and hot soapy water. The panels should then be dried and replaced and the oven heated at 200 °C for about one hour. This will make sure the 'Cook & Clean' panels are working effectively.

Do not use steel wool, oven cleaning pads, or any other materials that will scratch the surface.

Removing the Side Oven Linings

Some of the lining panels can be removed for cleaning.

If you wish to clean the enamel interior of the oven, you will need to remove the shelves before removing the 'Cook & Clean' panels. To remove the side panels, simply lift the panel and slide forwards. (**Fig. 5.9**).

Once the panels have been removed, the oven enamel interior can be cleaned.

Refit in the reverse order.

Tall Fan Oven

To clean the oven sides, slide out the shelves, unhook the supports from the oven sides, and lift out (Fig. 5.10)

Cleaning Table

Cleaners listed **(Table 5-1)** are available from supermarkets or electrical retailers as stated.

For enamelled surfaces use a cleaner that is approved for use on vitreous enamel.

Regular cleaning is recommended. For easier cleaning, wipe up any spillages immediately.

Hotplate		
Part	Finish	Recommended Cleaning Method
Hob top (including burner heads and caps)	Enamel, stainless steel, aluminium	Hot soapy water, soft cloth. Any stubborn stains remove gently with a nylon scourer.
Ceramic/Induction hob	Toughened glass	Hot soapy water; cream cleaner/scourer if necessary.
Griddle plate (some models only)	Non-stick surface	Allow to cool. Wash in hot soapy water. Do not use abrasive cleaners/scourers. Dishwasher.
Warming zone (some models only)	Toughened glass	Hot soapy water, cream cleaner/scourer if necessary.
Outside of Cooker		
Part	Finish	Recommended Cleaning Method
Door, door surround and storage	Enamel or paint	Hot soapy water, soft cloth. Any stubborn stains, remove gently with a liquid detergent.
drawer exterior	Stainless steel	E-cloth (electrical retailers) or microfibre all-purpose cloth (supermarket).
Sides and plinth	Painted surface	Hot soapy water, soft cloth.
Splashback/rear grille	Enamel or stainless steel	Hot soapy water, soft cloth. Cream cleaner, with care, if necessary.
Control panel	Paint, enamel or stainless steel	Warm soapy water. Do not use abrasive cleaners on lettering.
Control knobs/handles & trims	Plastic/chrome, copper or lacquered brass	Warm soapy water, soft cloth.
	Brass	Brass polish.
Oven door glass/glass lid (some models only)	Toughened glass	Hot soapy water, cream cleaner/scourer if necessary.
Oven and Grill		
Part	Finish	Recommended Cleaning Method
Sides, floor & roof of oven NOT COOK & CLEAN OVEN PANELS (see below)	Enamel	Any proprietary oven cleaner that is suitable for enamel. CAUTION: CORROSIVE/CAUSTIC OVEN CLEANERS: FOLLOW MANUFACTURER'S INSTRUCTIONS. Do not allow contact with the oven elements.
Cook & Clean oven panels (some models only)	Special enamel that partly cleans itself	This surface cleans itself at 200 °C and above, or the panels can be removed and washed with hot soapy water and a nylon brush.
Oven shelves, Handyrack, Grill trivet, Handygrill rack (some models only)	Chrome	An oven interior cleaner that is suitable for chrome. Soap filled pad. Dishwasher.
Grill pan/meat tin (some models only)	Enamel	Hot soapy water. Soap filled pad. Dishwasher.

Table 5-1

6. Troubleshooting

Hotplate/Cooktop ignition or hotplate burners faulty

Is the power on? If not, there maybe something wrong with the power supply.

Are the sparker (ignition electrode) or burner slots blocked by debris?

Are the burner trim and caps correctly located? See the section on 'Cleaning'.

Hotplate/Cooktop burners will not light

Make sure that the burner parts have been replaced correctly after wiping or removing for cleaning.

Check that there is not a problem with your gas supply. You can do this by making sure that other gas appliances you may have are working.

Do the burners spark when you push the button?

Steam is coming from the oven

When cooking foods with high water content (e.g. oven fries) there may be some steam visible at the rear grille.

Take care when opening the oven door, as there may be a momentary puff of steam when the oven door is opened. Stand well back and allow any steam to disperse.

What cleaning materials are recommended for the cooker?

See the 'Cleaning' section for recommended cleaning materials.



Never use caustic or abrasive cleaners as these will damage the surface.

An oven fan is noisy

The note of the oven fan may change as the oven heats up – this is perfectly normal.

If there is an installation problem and I don't get my original installer to come back to fix it who pays?

You do. Service organizations will charge for their call outs if they are correcting work carried out by your original installer. It is in your interest to track down your original installer.

Food is cooking too slowly, too quickly, or burning

Cooking times may differ from your previous oven.

Check that you are using the recommended temperatures and shelf positions – see the oven cooking guide. The oven control settings and cooking times are intended to be used **only** as a guide.

Individual tastes may require the temperature to be altered either way, to get the results you want.

The oven is not cooking evenly

Do not use a baking tray with dimensions larger than those specified in the section on 'General Oven Tips'.

If you are cooking a large item, be prepared to turn it round during cooking.

If two shelves are used, check that space has been left for the heat to circulate. When a baking tray is put into the oven, make sure that it is placed centrally on the shelf.

Check that the door seal is not damaged and that the door catch is adjusted so that the door is held firmly against the seal.

A dish of water when placed on the shelf should be the same depth all over. (For example, if it is deeper at the back, then the back of the cooker should be raised up or the front lowered.) If the cooker is not level, arrange for your supplier to level it for you.

Oven not coming on

Is the power on? If not, there may be something wrong with the power supply.

Is the cooker supply on at the isolator switch?

Oven temperature getting hotter as the cooker gets older

If turning the temperature down using the oven control knob has not worked, or has only worked for a short time, then you may need a new thermostat. This should be fitted by a qualified service person.

Oven light is not working

The bulb has probably burnt out. You can buy a replacement bulb (which is not covered under the warranty) from a good electrical shop. Ask for a 15 W – 230 V lamp, FOR OVENS. It must be a special bulb, heat resistant to 300°C (Fig. 6.1).

Turn off the power at the circuit breaker.

Before removing the existing bulb, turn off the power supply and make sure that the oven is cool. Open the oven door and remove the oven shelves.

Unscrew the bulb cover by turning counter-clockwise. It may be very stiff (**Fig. 6.2**).

Taking care to protect your fingers with a glove in case the bulb should shatter, unscrew the old bulb.

Screw in the new bulb; screw back the bulb cover. Turn on the circuit breaker and check that the bulb now lights.

The left-hand oven door is misaligned

The bottom hinge of the left-hand oven door can be adjusted to alter its angle (Fig. 6.3).

Loosen the bottom hinge fixing screws and use the notch and a flat bladed screwdriver to move the position of the hinge to set the hinge position (**Fig. 6.4**).

Retighten the hinge screws.

Note: The tall oven door cannot be adjusted

Grill

The fascia gets hot when I use the oven or grill

The cooker is cooled by a fan. If the fascia becomes excessively hot when the cooker is in use then the cooling fan may have failed. Should this occur please contact your installer, a qualified repair engineer or Customer Service to arrange for its repair.

The knobs get hot when I use the oven or the grill. Can I avoid this?

Yes, this is caused by heat rising from the oven or the grill, and heating them up. Do not leave the oven door open.

Make sure that the grill pan is pushed right back to the 'back stop' when grilling.

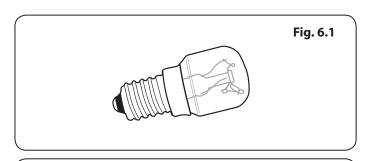
Always grill with the grill compartment door open.

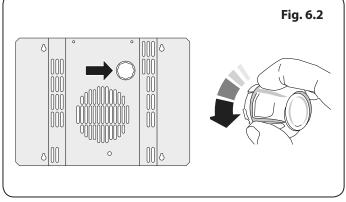
Grill is not cooking properly

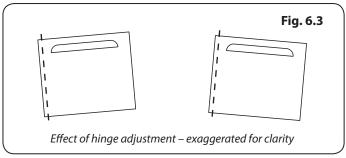
Are you using the pan and trivet supplied with the cooker?

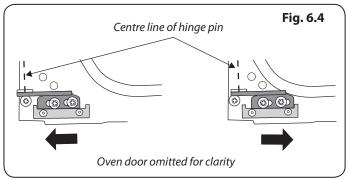
Is the pan being used on the runners, not the floor of the grill compartment?

Is the grill tray pushed back fully to the stop?









7. Installation

Dear Installer

Before you start your installation, please complete the details below, so that, if your customer has a problem relating to your installation, they will be able to contact you easily.

Installer's Name			
Installer's Company			
Installer's Telephone Number			
Appliance Serial Number			

Safety Requirements and Regulations

This cooker must be installed in accordance with the relevant instructions in this booklet, with the relevant national and local regulations, and with the local gas and electricity supply companies' requirements.



This cooker is a Class 2 Subclass 1 appliance.



Before installation, make sure that the cooker is suitable for your gas type and supply voltage. See the data badge.



The appliance must be installed in accordance with the regulations in force and only in a well ventilated space.



Read the instructions before installing or using this appliance.



In your own interest and that of safety, it is law that all gas appliances be installed by competent persons. Failure to install the appliance correctly could invalidate any warranty or liability claims and lead to prosecution.



This appliance can be converted for use on another gas.

In the UK the cooker must be installed in accordance with:

- All relevant British Standards / Codes of Practice, in particular BS 5440 Part 2.
- For Natural Gas BS 6172 and BS 6891.
- For LP Gas BS 5482-1 (when the installation is in a permanent dwelling), BS 5482-2 (when the installation is in a caravan or other non-permanent dwelling), or BS 5482-3 (when the installation is in a
- The Gas Safety (Installation and Use) regulations.
- The relevant Building / IEE regulations.

In the Republic of Ireland the cooker must be installed in accordance with:

The installation must be carried out by a competent person and installed in accordance with the current edition of IS 813 "Domestic Gas Installations", the current Building Regulations and reference should be made to the current ETCI rules for electrical installation.

Provision of Ventilation

This appliance is not connected to a combustion products evacuation device. Particular attention shall be given to the relevant requirements regarding ventilation.

All rooms require a window that can be opened, or equivalent, while some rooms require a permanent vent in addition to the window.

In the UK:

The room containing the cooker should have an air supply in accordance with BS 5440 Part 2. All rooms require an openable window or equivalent, while some rooms require a permanent vent in addition to the openable window. The cooker should not be installed in a bedsitting room with volume less than 20 m³. If it is installed in a room of volume less than 5 m³ an air vent of effective area 100 cm² is required; if it is installed in a room of volume between 5 m³ and 10 m³, an air vent of effective area 50 cm² is required; while if the volume exceeds 11 m³, no air vent is required.

If there are other fuel burning appliances in the same room, BS 5440 Part 2 should be consulted to determine the requisite air vent requirements.

In the Republic of Ireland:

Reference should be made to the current edition of IS 813, which makes clear the conditions that must be met to demonstrate that sufficient ventilation is available.

INSTALLATION

Check the appliance is electrically safe and gas sound when you have finished.

Location of Cooker

The cooker may be installed in a kitchen/kitchen diner but NOT in a room containing a bath or shower.

This appliance is designed for domestic cooking only. Use for any other purpose could invalidate any warranty or liability claim.

Note: An appliance for use on LPG must not be installed in a room or internal space below ground level, e.g. in a basement.

Conversion

This appliance is supplied set for G20 20 mbar Cat II_{2H3+}.

A conversion kit for another gas is available for the cooker.

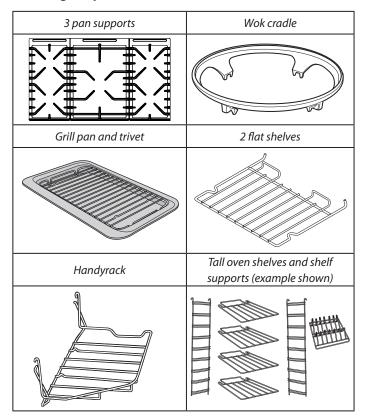
If the appliance is to be converted to another gas we recommend that this is carried out before installation.

After converting the appliance, please attach the Gas Conversion sticker over the appropriate area of the data badge – this will identify the gas type for which the appliance is now set.

INSTALLATION

Check the appliance is electrically safe and gas sound when you have finished.

Checking the parts:



You will need the following equipment to complete the cooker installation satisfactorily:

- Stability bracket: If the cooker is to be supplied with gas through a flexible hose, a stability bracket or chain MUST be fitted. These are not supplied with the cooker but are available at most builders' merchants.
- Gas pressure tester/manometer.
- Flexible gas hose: Must be in accordance with the relevant standards.
- Multimeter: For electrical checks.

You will also need the following tools:

- 1. Electric drill
- **2.** Masonry drill bit (only required if fitting the cooker on a stone or concrete floor)
- **3.** Wall plugs (only required if fitting the cooker on a stone or concrete floor)
- 4. Steel tape measure
- **5.** Cross head screwdriver
- **6.** Flat head screwdriver
- **7.** Spirit level
- 8. Pencil
- **9.** Adjustable spanner
- **10.** Screws for fitting stability bracket
- 11. 13 mm spanner or socket wrench

8. Positioning the Cooker

Fig. 8-1 and **Fig. 8-2** show the minimum recommended distance from the cooker to nearby surfaces.

The cooker should not be placed on a base.

The hotplate surround should be level with, or above, any adjacent work surface. A gap of 75 mm should be left between each side of the cooker **ABOVE** the hotplate level and any adjacent vertical surface.

For non-combustible surfaces (such as unpainted metal or ceramic tiles), this can be reduced to 25 mm.

A minimum space of 650 mm is required between the top of the hob and a horizontal combustible surface.

*Any cookerhood should be installed in accordance with the hood manufacturer's instructions.

**Any splashback must be fitted in accordance with the manufacturers instructions. Allowance should be made for the additional height of the flue trim, which is fitted to the cooker hob.

Surfaces of furniture and walls at the sides and rear of the appliance should be heat, splash and steam resistant. Certain types of vinyl or laminate kitchen furniture are particularly prone to heat damage and discolouration. We cannot accept responsibility for damage caused by normal use of the cooker to any material that de-laminates or discolours at temperatures less than 65 °C above room temperature.

We recommend a gap of 910 mm between units to allow for moving the cooker. Do not box the cooker in – it must be possible to move the cooker in and out for cleaning and servicing.

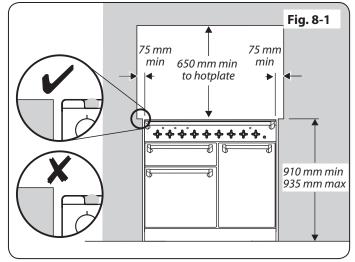
If the cooker is near a corner of the kitchen, a clearance of 130 mm is required to allow the oven doors to open (**Fig. 8-3**). The actual opening of the doors is slightly less, but this allows for some protection of your hand as you open the

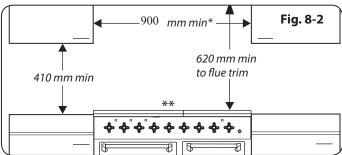
When Fitting Between Kitchen Cabinets

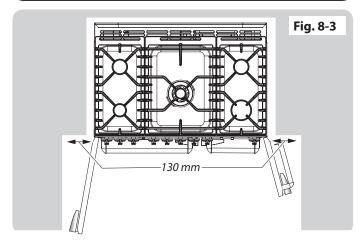
We recommend that you either:

- A. Fit the cooker so that any cabinet doors are at least 30 mm behind the cooker door fronts. Note that this may require an infill piece behind the cooker. We recommend a gap of 910 mm between units to allow for moving the cooker.
 Do not box the cooker in it must be possible to move the cooker in and out for cleaning and servicing.
- **B.** Leave a gap of at least 14 mm on either side of the cooker (a 910 mm gap between units). The cooker should be positioned centrally.

We also recommend that you do not final fix any adjacent cabinets until the cooker is installed. Decorative mouldings or handles on cabinet doors and fronts may interfere with the opening of the oven doors.

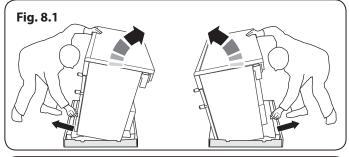


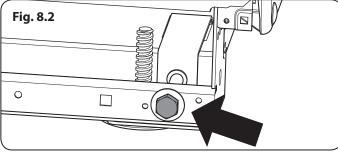




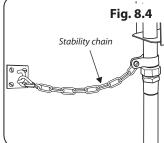
INSTALLATION

Check the appliance is electrically safe and gas sound when you have finished.









Moving the Cooker



On no account try and move the cooker while it is plugged into the electricity supply.



The cooker is very heavy, so take extra care.

We recommend that two people manoeuvre the cooker. Make sure that the floor covering is firmly fixed, or removed, to prevent it being disturbed when moving the cooker around.

To help you, there are two levelling rollers at the back, and two screw-down levelling feet at the front.

Remove the polystyrene base pack. From the front, tilt the cooker backwards and remove the front half of the polystyrene base (Fig. 8.1).

Repeat from the back and remove the rear half of the polystyrene base.

Lowering the Two Rear Rollers

To adjust the height of the rear of the cooker, first fit a 13 mm spanner or socket wrench onto the hexagonal adjusting nut (Fig. 8.2). Rotate the nut – clockwise to raise – counterclockwise to lower.

Make 10 complete (360°) turns clockwise.

Make sure you lower BOTH REAR ROLLERS.

Completing the Move

Unfold the rear edge of the cardboard base tray. Open the oven door(s) so that you can get a good grip on the bottom of the fascia panel as you move the oven (Fig. 8.3).

Carefully push the cooker backwards off the base tray. Remove the base tray.

Position the cooker close to its final position, leaving just enough space to get behind it.



DO NOT use the door handles or control knobs to manoeuvre the cooker.

Levelling

You are recommended to use a spirit level on a shelf in one of the ovens to check for level.

Place the cooker in its intended position, taking care not to twist it within the gap between the kitchen units as damage may occur to the cooker or the units.

The front feet and rear rollers can be adjusted to level the cooker. To adjust the height of the rear of the cooker turn the adjusting nuts at the front bottom corners of the cooker. To set the front feet turn the bases to raise or lower.

INSTALLATION

Check the appliance is electrically safe and gas sound when you have finished.

Fitting the Stability Bracket or Chain

Unless otherwise stated, a cooker using a flexible gas connector must be secured with a suitable stability device.

Suitable stability devices are shown in **Fig. 8.4**, **Fig. 8.5** and **Fig. 8.6**.

If you are using a stability chain (**Fig. 8.4**) then the chain should be kept as short as is practicable and fixed firmly to the rear of the cooker.

If you are using a stability bracket (**Fig. 8.5** and **Fig. 8.6**), then adjust the bracket to give the smallest practicable clearance between the bracket and the engagement slot in the rear of the cooker.

Fit the bracket so that it engages as far as possible over the chassis of the cooker.

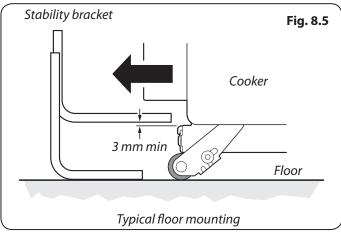
Repositioning the Cooker Following Connection

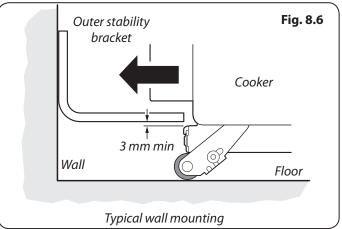
If you need to move the cooker once it has been connected then you need to unplug it and, having gripped under the fascia panel and lifted the front of the cooker slightly (Fig. 8.3), you need to check behind the cooker to make sure that the gas hose is not caught.

As you progress, make sure that both the electricity cable and gas hose always have sufficient slack to allow the cooker to move.

With a stability chain fitted, release it as you ease the cooker out. Do not forget to refit it when you replace the cooker.

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





9. Gas Connection

Conversion to Another Gas

If the appliance is to be converted to another gas do the conversion at this point. See 'Conversion to LP Gas'.

Gas Connection

This must be in accordance with the relevant standards.

The flexible hose (not supplied with the cooker) must be in accordance with the relevant standards. Hoses may be purchased at most builders' merchants.

The gas supply needs to terminate with a down-facing bayonet.

The connector is located just below the hotplate level at the rear of the cooker. If in doubt contact your supplier.

The rear cover boxes limit the position of the supply point.

Because the height of the cooker can be adjusted and each connection is different, it is difficult to give precise dimensions.

Although a 900 mm hose can be used, a 1250 mm hose will allow slightly more flexibility in the positioning of the bayonet and make moving the cooker easier.

The hose should be fitted so that both inlet and outlet connections are vertical so that the hose hangs downwards in a 'U' shape.

Ideally the hose supply connection should be within the shaded area 'A' (Fig. 9.1).

For Natural Gas, the flexible hose must be in accordance with BS 669. For LP Gas, it should be capable of 50 mbar pressure, 70 °C temperature rise, and carry a red stripe, band or label. If in doubt contact, your supplier.

Screw connect the threaded end of the hose into the gas inlet.

After completing the gas connection, make sure that the cooker is gas sound with a pressure test.

Pressure Testing

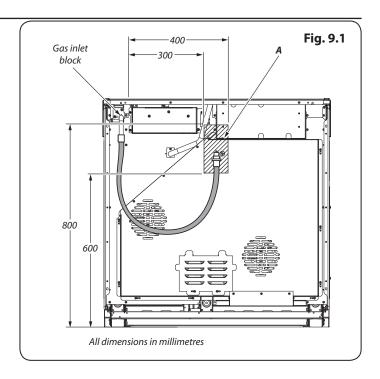
The gas pressure can be measured at one of the hotplate burner injectors (not a wok burner).

Lift off a burner head. Fit the pressure gauge to the injector. Turn on and light one of the other hotplate burners.

Turn on the control knob for the burner with the pressure gauge fitted to let gas through.

See the data badge for test pressures.

Turn off the burners. Make sure that you reassemble the burner top in the correct way on the burner body.



INSTALLATION

Check the appliance is electrically safe when you have finished.

Electrical Connection

The cooker must be installed by a qualified electrician, in accordance with all relevant British Standards/Codes of Practice (in particular BS 7671), or with the relevant national and local regulations.



WARNING: THE APPLIANCE MUST BE EARTHED.

Note: The cooker must be connected to the correct electrical supply as stated on the voltage label on the cooker, through a suitable cooker control unit incorporating a double-pole switch, having a contact separation of at least 3 mm in all poles.



The cooker MUST NOT be connected to an ordinary domestic power point.

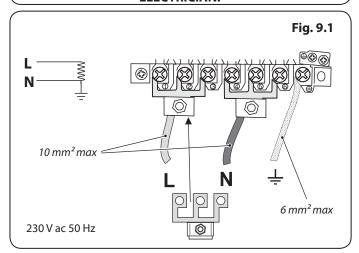
Access to the mains terminal is gained by removing the electrical terminal cover box on the back panel. Connect the mains cable to the correct terminals for your electrical supply type (**Fig. 9.1** and **Fig. 9.2**). Check that the links are correctly fitted and that the terminal screws are tight.

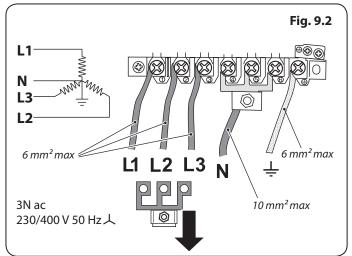
Secure the mains cable using the cable clamp.

Current Operated Earth Leakage Breakers

The combined use of your cooker and other domestic appliances may cause nuisance tripping, so we recommend that the cooker is protected on an individual RCD (Residual Current Device) or RCBO (Residual Current Breaker with Overload).

IF IN DOUBT, PLEASE CONSULT A SUITABLY QUALIFIED ELECTRICIAN.





10. Final Fitting

Fitting the Handrail

Using the 2 mm Allen key supplied, loosen the two retaining screws in the base and side of the handrail support. Fit the handrail support onto the locating bosses on the fascia (**Fig. 10-1**).

Note: The handle support should face upwards.

Push the support back against the fascia and tighten the one retaining screws. Repeat for the other side. Check that each support is secure.

Locate the handrail onto the support tabs and, using the 3 mm Allen key supplied, tighten the one retaining screws in the bottom to secure (**Fig. 10-2**).

Fitting the Plinth

Remove the three screws for the plinth mounts along the front bottom edge of the cooker (**Fig. 10-3**). Fasten the plinth using these screws.

Hob Check

Check each cooking zone in turn. Be sure to use pans of the correct size and material.

Grill Check

Turn on the grill control and check that the grill heats up.

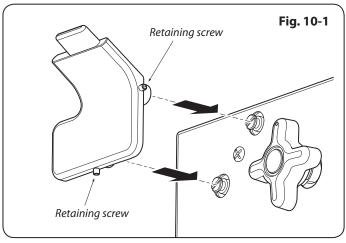
Oven Check

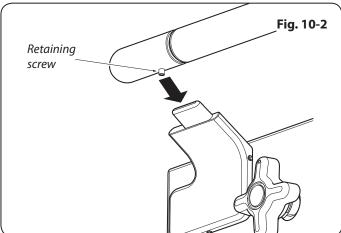
Turn on the oven. Check the oven fans start to turn and that the oven heats up.

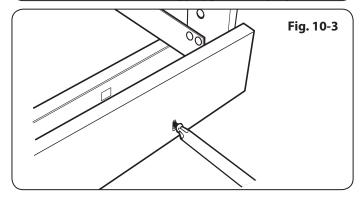
Customer Care

Installer: Please complete your details in this guide, inform the user how to operate the cooker and hand over the instructions.

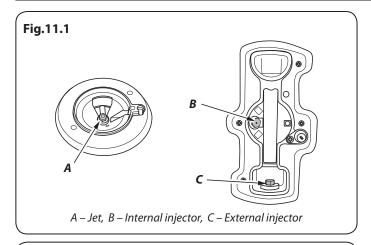
Thank you.

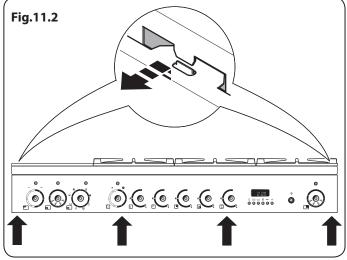


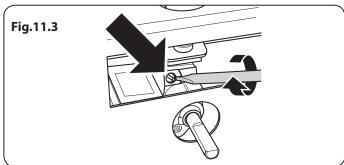




11. Conversion to LP Gas







Check the 'Technical Data' section at the back of the book that the hob is convertible to the gas you want to use.

A suitably competent person must perform the conversion. After conversion the installation must comply with the relevant regulations and also the local electricity supply company requirements. Read the instructions before converting this appliance.

Failure to convert the appliance correctly could invalidate any warranty or liability claims and lead to prosecution.

When servicing or replacing gas-carrying components disconnect from the gas supply before starting operation. Check the appliance is gas sound after completion.

DO NOT use reconditioned or unauthorised gas controls.

Disconnect from the electricity and gas supply before servicing.

Before electrical reconnection, check that the appliance is electrically safe.

Injectors

Remove the burner caps and heads. Remove the old jets (**Fig.11.1**). Fit the new jets (see '*Technical Data*' section at the back of this book for the correct jets). Reassemble in the reverse order.

Tap Adjustment

Removing the Control Panel

Pull off all the control knobs and remove the fixing screws underneath the control panel (Fig.11.2).

The control panel will drop down slightly. It is held at the top by two holes in the top edge, one at each end, that locate on the tags on the inner panel. Lift the control panel clear of the tags and pull forwards, taking care not to damage or strain the wiring.

Bypass Screw Adjustment

Turn the bypass screw on each control clockwise to the stop (Fig.11.3). Refit the control panel.

Stick on Label

Stick the LP gas label over the natural gas part of the appliance data label.

WARNING – SERVICING TO BE CARRIED OUT ONLY BY AN AUTHORISED PERSON Disconnect from electricity and gas before servicing. Check appliance is safe when you have finished.

Pressure Testing

Connect the appliance to the gas supply.

The gas pressure can be measured at one of the hotplate injectors (not a wok burner).

Lift off a burner head. Fit the pressure gauge to the jet. Turn on and light one of the other burners. Turn on and press in the control knob for the burner with the pressure gauge fitted.

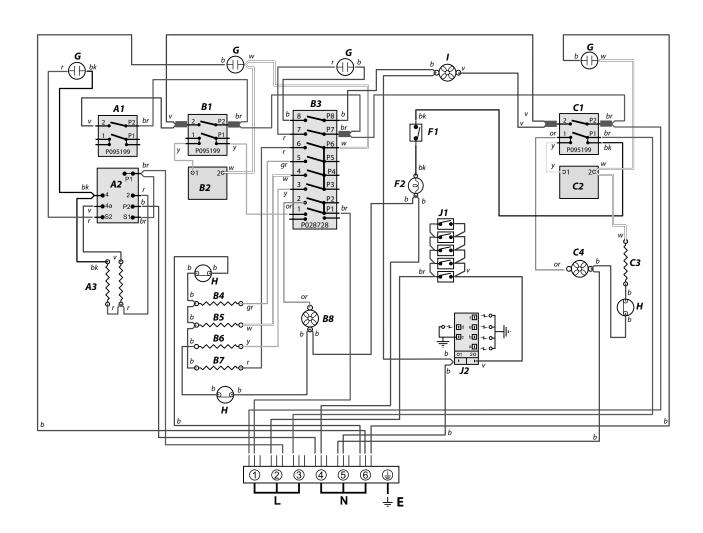
The pressure should be 29 mbar for Butane and 37 mbar for Propane. After checking the pressure, turn off the taps and replace the burner head.

Reassemble burner top, making sure it is reassembled in the correct way on the burner body.

Check operation of all the burners.

Check the appliance is gas sound.

12. Circuit Diagram



KeyThe connections shown in the circuit diagram are for single-phase. The ratings are for 230V 50 Hz.

Code	Description	
A1	Grill Front Switch	
A2	Grill Energy Regulator	
А3	Grill Elements - Left-hand / Right-hand	
B1	Left-hand Oven Thermostat Switch	
B2	Left-hand Oven Thermostat	
В3	Left-hand Multifunction Switch	
B4	B4 Left-hand Oven Top Element (Outer)	
B5	Left-hand Oven Top Element (Inner)	
В6	Left-hand Oven Fan Element	
В7	Left-hand Oven Base Element	
B8	Left-hand Oven Fan	

Code	Description		
C 1	Right-hand Oven Front Switch		
C2	Right-hand Oven Thermostat		
С3	Right-hand Oven Element		
C4	Right-hand Oven Fan		
F1	Oven Light Switch		
F2	Left-hand Oven Light		
G	Indicator Neon		
Н	Oven Thermal Preset		
1	Cooling Fan		
J1	Gas Tap ignition Switch		
J2	Spark Generator		

Code	Colour	
b	Blue	
br	Brown	
bk	Black	
or	Orange	
r	Red	
v	Violet	
w	White	
у	Yellow	
g/y	Green/yellow	
gr	Grey	

13. Technical Data

THIS COOKER IS CATEGORY: Catll_{2H3+}.

It is supplied set for group H natural gas. A conversion kit from NG to LP is available for the cooker.

INSTALLER: Please leave these instructions with the User.

DATA BADGE LOCATION: Cooker back, serial number repeater badge below oven door opening.

COUNTRY OF DESTINATION: GB, IE.

Connections

Gas (Rp ½	at rear right-hand side)	Electric
Natural Gas	20 mbar	
Butane	29 mbar	230/400V 50 Hz
Propane	37 mbar	

Dimensions

Model	Elise 90 Dual Fuel		
Overall height	minimum 937 mm	maximum 962 mm	
Overall width	900 mm		
Overall depth	598 mm excluding handles, 650 mm including handles		
Minimum height above the hotplate	650 mm		

Refer to 'Positioning the Cooker'.

Ratings

Hatelata	Burness Carrent*	Natural Gas 20 mb		LP Gas	
Hotplate	Bypass Screw*		Injector		Injector
Walahaman	57	3.5 kW	internal 78	3.5 kW (246 g/h)	internal 53
Wok burner			external 126		external 82
Large burner	40	3.0 kW	134	3.0 kW (210 g/h)	87
Medium burner	32	1.7 kW	109	1.7 kW (119 g/h)	68
Small burner	28	1.0 kW	75	1.0 kW (70 g/h)	51

^{*} The valves in this cooker are fitted with adjustable bypass screws. The cooker is supplied with the bypass screws set for Natural gas. For LPG conversion the bypass screws must be screwed all the way down.

Hotplate energy saving tips

Use cookware with a flat base.

Use the correct size cookware.

Use cookware with a lid.

Minimise the amount of liquid or fat.

When liquid starts boiling, reduce the setting.

Consumption is based on G30.

Oven energy saving tips

Cook meals together, if possible.

Keep the pre-heating time short.

Do not lengthen cooking time.

Do not open the oven door during the cooking period.

Do not forget to turn the appliance off at the end of cooking.

Hotplate Efficiency Data

Brand	Rangemaster
Model Identification	Elise
Size	90
Туре	Dual Fuel

Type of Hob	GAS
Number of gas burners	5
Auxiliary / Small Burner (EE gas burner)	-
Semi Rapide / Medium Burner (EE gas burner)	58%
Semi Rapide / Medium Burner (EE gas burner)	58%
Rapide / Large Burner (EE gas burner)	56%
Rapide / Large Burner (EE gas burner)	-
Wok (EE gas burner)	53%
Wok (EE gas burner)	-
Hotplate EE gas hob (*)	56%

Information marked thus (*) is not required with mixed fuel hobs

Oven Data

Brand		Rangemaster			
Model identification		Elise			
Type of oven		Electric			
Mass	kg	121			
Number of cavities		2			
Left-hand Efficiency					
Fuel type		Electric			
Cavity type		Multifunction			
Power - conventional		2.2			
Power - forced air convection		2.5			
Volume	Litres	73			
Energy consumption (electricity) - conventional	kWh / cycle	1.08			
Energy consumption (electricity) - forced air convection	kWh / cycle	0.91			
Energy efficiency index - conventional		126.1			
Energy efficiency index - forced air convection		106.2			
Energy class		A			
Right-hand Efficiency					
Fuel type		Electric			
Cavity type		Fanned			
Power - conventional		-			
Power - forced air convection		2.5			
Volume	Litres	67			
Energy consumption (electricity) - conventional	kWh / cycle	-			
Energy consumption (electricity) - forced air convection	kWh / cycle	0.8			
Energy efficiency index - conventional		-			
Energy efficiency index - forced air convection		96.2			
Energy class		A			

Additional Information	
The oven complies with EN 60350-1	
Maximum output @ 230V 50Hz	
Conventional	2.2 kW
Multifunction	2.5 kW
Multifunction (with Rapid Response)	-
Forced Air Convection	2.5 kW
Grill	2.3 kW
Slow Oven	-
Bread Proving Drawer	-

Maximum total electrical load at 230 V (approximate total including hob, oven lights, oven fan, etc.):	7.4 kW
--	--------

Name of Appliance & Colour*					
Appliance Serial Numb	oer*				
Fuel Type*	Natural Gas Dual Fuel		LP Gas		
Retailer's Name & Ado			Liectric		
Date of Purchase					
Installer's Name & Add	dress				
Installer's Telephone N	Number				
Date of Installation					
*This information is on the appliance data badge - look in the appliance instructions to find out where the data badge is located.					

CONSUMER SERVICE

If you have any product enquiries, or in the event of a problem with your appliance once it has been installed, please telephone 0800 804 6261 or 0370 789 5107 from a mobile.

CONSUMER SERVICE LINES OPEN:

Monday to Thursday 8am-6pm Friday 8am-5pm Saturday 9am-1pm

WARRANTY

Your manufacturer warranty covers goods of our own brand for defective workmanship and materials for a period of 1 year from the date of purchase. This warranty covers mechanical breakdown and proven cosmetic and manufacturing defects.

You will receive an additional FREE full 12 months guarantee by registering your purchase using the FREEPOST form provided. Alternatively, call free on 0800 587 5747, quoting reference RMGX57A, or register online at www.rangemaster.co.uk.

Any damage, blemishes or chips identified upon receipt of the product must be reported within 90 days – proof of purchase may be required to establish validity. Scratches on the surface of ceramic hobs must be reported within 14 days. Scratches caused by usage are not covered. Accidental damage is not covered by the manufacturer's warranty.

For warranty compliance, the requirements are that the appliance:

- Has been correctly installed in accordance with current legislation, relevant British and European Standards and Codes of Practice, by a suitably competent person registered with Gas Safe or equivalent body and, where applicable, a qualified electrician.
- Has been used solely for domestic cooking purposes.
- If in use in the UK*, has not been taken abroad as a personal export. (In the Republic of Ireland conditions may vary, so consult your retailer.)
- Is not second-hand or a refurbished appliance. The manufacturer's warranty is not transferable.
- Has not been subject to misuse, accidental damage or modification, and has not deteriorated due to normal domestic wear and tear, and the manufacturer's recommendations concerning cleaning materials have been followed.
- Has not been repaired by persons or organisations other than those authorised to act on behalf of AGA Rangemaster.

Exceptions:

- Items not included under the free 1 year guarantee include pan supports, griddles, wok rings, baking trays, grill pans, trivets, filters, light bulbs and other consumable accessories.
- Any damage caused other than through normal use.
- Breakdowns associated with cooking spillage.
- Cosmetic deterioration deemed to be normal wear and tear.

This warranty is in addition to your Statutory Rights.

Only certain models can be adapted for use with Mains Gas supplied in the Channel Islands and Isle of Man.

OUT OF WARRANTY

We recommend that Rangemaster appliances are serviced regularly throughout their life to maintain optimum performance and efficiency. Service work should only be carried out by technically competent and suitably qualified personnel.

.....

For your own safety, always make sure that work is carried out by a Gas Safe registered engineer for gas appliances or an approved electrician for electrical models.

For a competetive quote and to arrange for a Rangemaster approved engineer to attend, call Consumer Services on: 0800 804 6261 or 0370 789 5107 from a mobile.

SPARE PARTS

To maintain optimum and safe performance, we recommend that only genuine Rangemaster spare parts are used. These are available from most major spares stockists, including ourselves.

••••••

Contact Consumer Services on 0800 804 6261 or 0370 789 5107 from a mobile, who will be happy to help.

STANDARDS

Rangemaster cookers are designed and manufactured to a recognised international quality standard, which meets the requirements of BS EN ISO 9001, BS EN ISO 14001 and OHSAS 18001 for continually improving environmental procedures.

Rangemaster cookers comply with the essential requirements of the appropriate European Directives, and carry the CE mark.

Designed to impress

The Co-ordinating Collection.

• Refrigeration • Sinks & Taps • Hoods & Splashbacks • Built-in Cooking • Dishwashing





Built from experience

Clarence Street Royal Leamington Spa Warwickshire CV31 2AD England

Consumer Services: +44 (0)800 804 6261 or (0)370 789 5107 from a mobile.

Fax: +44 (0)1926 450526

E-mail: consumers@agarangemaster.co.uk

www.rangemaster.co.uk

For UK Trade Enquiries Tel: +44 (0)115 946 4000

Fax: +44 (0)115 973 6602

E-mail: sales@agarangemaster.co.uk

For ROI Enquiries Tel: 1850 302 502

Rangemaster is a trading name of AGA Rangemaster Limited Registered in England and Wales. Registration No. 354715

Registered Office: Juno Drive, Leamington Spa, Warwickshire, CV31 3RG

AGA RANGEMaster







