900GRa

Rotostar
Gas Double Oven & Grill
For Natural Gas & LP Gas Models

User & Installation Instructions
In case of difficulty within the UK and Northern Ireland, please call
STOVES Customer Care Centre Helpline on

0151 432 7838

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

Opening Hours for Customer Care Centre
Monday to Friday 8am - 8pm
Saturday 8.30am - 6pm
Sunday 10am - 4pm

Enter appliance numbers here for future reference:

<table>
<thead>
<tr>
<th>Model No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Serial No</th>
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<tbody>
<tr>
<td></td>
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</tbody>
</table>

Please ensure you have the above details (Model No and Serial No) to hand when calling Stoves Customer Care. They are essential to booking your call.

Outside the UK and Northern Ireland, refer to your local supplier.
TECHNICAL DATA

Data Badge
Abbreviated data badge located on front frame. Full data badge located on rear panel.

Gas Category
This appliance is factory set for use on either Natural Gas only or LP Gas only. This is clearly marked on the data badge.
Natural Gas - I2H (G20 @ 20mbar)
LP Gas - I3+ (G30/31 @ 28-30/37 mbar)

Pressure Test Point
Manifold inlet block

Pressure Setting
Natural Gas - G20 @ 20 mbar
LP Gas - Butane G30 @ 28 - 30 mbar
LP Gas - Propane G31 @ 37 mbar

Ignition
Automatic re-ignition system

Oven / Grill Light(s)
4 x 25W (2 in each oven)

<table>
<thead>
<tr>
<th>Gas</th>
<th>Burner</th>
<th>Nominal Rate Qn</th>
<th>Injector size</th>
<th>Grammes per hour G30 Butane</th>
<th>G31 Propane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Gas</td>
<td>Grill</td>
<td>3.2kW</td>
<td>Amal Size 230</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>G20</td>
<td>Top Oven</td>
<td>1.8kW</td>
<td>Amal Size 130</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Main Oven</td>
<td>2.4kW</td>
<td>Amal Size 180</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Total heat input ∑Qn</td>
<td>5.6kW</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>LP Gas</td>
<td>Grill</td>
<td>3.2kW</td>
<td>Amal Size 95</td>
<td>233 g/h</td>
<td>229 g/h</td>
</tr>
<tr>
<td>G30/G31</td>
<td>Top Oven</td>
<td>1.8kW</td>
<td>Amal Size 55</td>
<td>131 g/h</td>
<td>129 g/h</td>
</tr>
<tr>
<td></td>
<td>Main Oven</td>
<td>2.4kW</td>
<td>Amal Size 75</td>
<td>174 g/h</td>
<td>172 g/h</td>
</tr>
<tr>
<td></td>
<td>Total heat input ∑Qn</td>
<td>5.6kW</td>
<td>-</td>
<td>407 g/h</td>
<td>400 g/h</td>
</tr>
</tbody>
</table>

Electrical supply
220 - 240V ~ 50Hz, 230W

Grill
Burner: Surface combustion behind ceramic glass. Spark gap: 3 - 4mm.

Top Oven
Burner: Rotary surface combustion. Spark gap: 3 - 4mm.

Main Oven
Burner: Rotary surface combustion.

Appliance class
Class 3, Built-In Oven & Grill Unit

Countries of Destination
GB - Great Britain, IE - Ireland

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If you smell gas:
Do not try to light any appliance. Do not touch any electrical switch.
Call the Gas Emergency Helpline at TRANSCO on: 0800 111999
In the Republic of Ireland, call the Bord Gáis emergency line on 1850 205050 or contact your local gas supplier.

Please keep this handbook for future reference, or for anyone else who may use the appliance.
Thank you for choosing a British built appliance by Stoves
We hope the following information will help you to familiarise yourself with the features of the appliance, and to use it successfully and safely.

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

This appliance must be installed in accordance with the regulations in force, and only in a well ventilated space. Read the instructions before using or installing this appliance.

The 900GRa is designed to fit into a standard 600mm wide housing unit with a minimum internal height of 880mm, and clear depth of 550mm.

The User’s Section in this handbook covers the operation of the ovens and grill, but to help you make the most of your Stoves 900GRa, we have produced the accompanying Cooking Guide, which gives more details of its features and benefits.

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

Please note that the guarantee, and Service availability, only apply to the UK and Republic of Ireland.

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

To replace an oven light bulb
Switch off the electricity supply to the appliance at the socket, to avoid the risk of electric shock.

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

The lens cover on the light can be removed by grasping the lens cover and pulling away from the side of the oven. Unscrew the bulb.

Please note that the oven light bulbs are not covered by guarantee. Replacement bulbs can be bought from most hardware stores.

Grill faults are generally similar to those listed for the oven.

If the cooling fan starts and runs, the electrodes should spark and the solenoid valves can be heard to open.

If the spark electrodes are correctly positioned and no spark occurs, there may be an air detector pressure switch fault, one faulty solenoid valve or no gas supply.

### FAULT FINDING

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Fault</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oven fan does not start</td>
<td>Faulty fan or connections.</td>
</tr>
<tr>
<td>burner lights, oven lamp lights</td>
<td></td>
</tr>
<tr>
<td>Oven fan does not start</td>
<td>Component failure on main board.</td>
</tr>
<tr>
<td>lamps do not light</td>
<td></td>
</tr>
<tr>
<td>Cooling fan fails to start</td>
<td>1. Faulty fan.</td>
</tr>
<tr>
<td>‘ON’ LED fails to light</td>
<td>2. Faulty programmer.</td>
</tr>
<tr>
<td>cooling fan fails to start</td>
<td>3. Faulty component on either board.</td>
</tr>
<tr>
<td>4. Faulty mains transformer.</td>
<td></td>
</tr>
<tr>
<td>5. Miss set or faulty potentiometer on control board.</td>
<td></td>
</tr>
<tr>
<td>6. Faulty transformer or mains supply.</td>
<td></td>
</tr>
<tr>
<td>7. Faulty microswitch on control board.</td>
<td></td>
</tr>
<tr>
<td>Temperature exceeds set level</td>
<td>Damaged or disconnected thermistor probe.</td>
</tr>
<tr>
<td>Oven goes to HLO after four / five minutes.</td>
<td></td>
</tr>
<tr>
<td>Appliance will not work, green lamp</td>
<td>Faulty micro-computer.</td>
</tr>
<tr>
<td>&amp; red indicator dial for both ovens flash together</td>
<td></td>
</tr>
</tbody>
</table>
## FAULT FINDING

Typical faults assuming all wiring is correct
(ensure programmer is set to manual):

<table>
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<tr>
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</tr>
</thead>
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<tr>
<td>HLO on switching On mains</td>
<td>Component fault on main PCB, incorrect wiring</td>
</tr>
<tr>
<td>HLO on turning On oven/grill</td>
<td>Fault on control board / potentiometer, incorrect wiring, open circuit solenoid.</td>
</tr>
<tr>
<td>Oven start up, burner lights and immediately goes out, ready light on</td>
<td>Short circuit thermistor assembly.     Note: at room temperature, thermistor resistance is approximately 100 kΩ.</td>
</tr>
<tr>
<td>Oven fails to ignite (check that electrode sparks correctly)</td>
<td>1. Incorrectly positioned or open circuit spark electrode (note both grill and oven electrodes must be connected). 2. Faulty solenoid valve. 3. Gas not at appliance. 4. Blocked injector jet.</td>
</tr>
<tr>
<td>Oven goes out before set temperature is reached</td>
<td>1. Incorrectly adjusted spark electrode (low flame current). 2. Low gas pressure. 3. Incorrectly positioned potentiometer or indicator disc. 4. If oven goes out after approximately 4 mins, this is due to a disconnected or open circuit thermistor.</td>
</tr>
<tr>
<td>Oven fails to re-ignite after set temperature is reached</td>
<td>1. Incorrectly set spark electrode. 2. Low Gas Pressure.</td>
</tr>
<tr>
<td>Oven fan fails to start burner does not light</td>
<td>1. Open circuit in programmer. 2. Component failure on main board 3. Component failure at control board.</td>
</tr>
</tbody>
</table>

## Gas & Electrical connection

**Please refer to installation instructions for the Gas & Electrical Safety Regulations and the Ventilation Requirements.**

In your own interest, and that of safety, it is the law that all gas appliances be installed by competent persons, who will ensure that the installation is in accordance with “The Gas Safety (Installation & Use) Regulations 1994”, & the “The Gas Safety (Installation & Use) (Amendment) Regulations 1996”. Failure to comply with these Regulations is a criminal offence.

Corghi registered installers undertake to work to satisfactory standards.

Disconnection of gas and electric appliances should always be carried out by competent persons.

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

During operation, a metallic click may be heard occasionally. This is caused by the gas valve operating and is quite normal.

## Ventilation

**The use of a gas cooking appliance results in the production of heat and moisture in the room in which it is installed. Ensure that the kitchen is well ventilated; keep natural ventilation holes open or install a mechanical ventilation device (mechanical extractor hood).**

Prolonged intensive use of the appliance may call for additional ventilation, for example opening of a window, or more effective ventilation, for example increasing the level of mechanical ventilation where present. This appliance is not connected to a products evacuation device.

It should be installed and connected in accordance with current installation regulations. Particular attention should be given to the relevant requirements regarding ventilation.

## Condensation

When hot and cold air meet, condensation forms. The outer door is air cooled and the inner door gets hot, so some condensation might form; this is normal and will disappear within 10 - 15 minutes.

During operation, a metallic click may be heard occasionally. This is caused by the gas valve operating and is quite normal.

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

In the event of a power cut

1. Switch off the electricity to the appliance at the socket. 2. When the power returns, see the ‘Programmer / Clock’ section to ‘Set the time of day’.

**Note: operating the control knobs**

You may find that the control knobs on your new appliance operate or perform differently to those you are used to. The controls are part of the unique electronic operating system of the appliance and are designed to be extremely responsive and easy to turn.
Glass door panels
To meet the relevant Standards of Domestic cooking appliances, all the glass panels on this appliance are toughened to meet the fragmentation requirements of BS3193. This ensures that, in the unlikely event that a panel breaks, it does so into small fragments to minimise the risk of injury.
Please take care when handling, using or cleaning all glass panels as any damage to the surfaces or edges may result in the glass breaking without warning or apparent cause at a later date. Should any glass panel be damaged, we strongly recommend that it is replaced immediately.

Ready lights
The ready lights are located in the control knob windows, below the indicator dial.
When the appliance is switched on, the red lights will come on.
A steady green light indicates when the selected oven or grill has reached a suitable temperature.
If the lights are flashing, refer to “Micro-computer Operation” section.

The Gas Consumer Council (GCC) is an independent organisation which protects the interests of gas users. If you need advice, you will find the telephone number in your local telephone directory under Gas.

Cooling fan
When you switch on the ovens or grill you will hear the cooling fan start. This fan provides air for the burners and keeps the exterior of the appliance cool during cooking, the appliance will not operate unless the fan is operating.
If the fan malfunctions the appliance will require servicing. The fan may continue to operate to cool the appliance for a few minutes after the last control has been switched off.
 Warning: Do not use the oven(s) if the fan is not working.

Environmental Protection
We are committed to protecting the environment and operate an Environmental Management System which complies with BS EN ISO 14001:1996.

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

Caution: Packaging materials can pose a risk of suffocation - keep away from children.
**Step 6: Commissioning**

**Burner aeration**
All burners have fixed aeration and no adjustment is possible.

**Pressure setting**
Natural Gas - G20 @ 20 mbar  
LPG - Butane G30 @ 28 - 30 mbar  
LPG - Propane G31 @ 37 mbar  
The pressure test point is on the manifold inlet block.
After setting gas pressure, re-tighten the test point screw, taking care not to overtighten. Ensure that test point screw is gas sound, using a non-corrosive gas leak detecting fluid.

**Programmer**
The programmer must be set to manual operation before the oven can be used manually - see the ‘Programmer / Clock’ section.

**Electrical Systems Check**
In the event of an electrical fault, the preliminary electrical system check (earth continuity, short circuit, polarity and resistance to earth) must be carried out. There is also a Fault Finding Section in this book.

**Ignition**
The automatic ignition will continue to spark for a short time after the burner flame has lit, until the flame is established.

**Maxigrill**
1. The door must be open for the grill burner to ignite.
2. Turn the Top Oven / Maxigrill control knob clockwise to the grill setting. **Do not push in.**
3. Close the door and check that the burner goes out. The grill burner will re-ignite when the door is opened.

**Top Oven**
1. Close the oven door and turn the control knob to the required setting, the burner will ignite. **Do not push in.**

**Main Oven**
1. Close the oven door and turn the control knob to the required setting, the burner will ignite. **Do not push in.**

**Note:** At new installations, it may be necessary to make several attempts at lighting before gas reaches the oven, as only a small amount of gas is allowed through at each lighting attempt.

Before leaving the installation
Show the customer how to ignite the ovens and grill and give them this book. Thank you.

When you are cooking, keep children away from the vicinity of the appliance.
This product is designed as a domestic cooking appliance for the preparation and cooking of domestic food products, and should not be used for any other purpose.
- Remove all packaging, protective films and oils from the appliance before using for the first time.
- Make sure you read and understand the instructions before using the appliance.
- Keep electrical leads short so they do not drape over the appliance or the edge of the worktop.
- Keep all flammable materials (such as curtains, furnishings & clothing) away from the appliance.
- Parts of the appliance may be hot during or immediately after use. Allow sufficient time for the appliance to cool after switching off.
- Never use the appliance for heating a room.
- Do not drape tea towels over the flue vents as this creates a fire hazard.
- When opening the appliance door, take care to avoid skin contact with any steam which may escape from the cooking.
- Do not use aluminium foil to cover the grill pan, or put items wrapped in foil under the grill as this creates a fire hazard.

- Do not use foil on oven shelves, or allow it to block the oven flue, as this creates a fire hazard, and prevents heat circulation.
- **Drop-down doors:** Do not place items on the door when open.
- Do not use the oven with the door inner glass panel removed.
- Use oven gloves when removing hot food / dishes from the oven or grill. The oven / grill and utensils will be very hot when in use.
- When cooking heavy items, eg; turkeys, do not pull the oven shelf out with the item still on the shelf.
- **Switch off the electricity supply before replacing the oven light bulb,** to avoid the risk of electric shock.

**Warning:** This appliance must be earthed.
All installation, servicing and maintenance work should be carried out by a competent person who will comply with current Regulations, Standards and Requirements.

When you have finished cooking check that all controls are in the off position.
As with all gas appliances, it is recommended that your appliance is serviced regularly.
**USING THE MAXIGRILL**

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

**Grill ignition**

Open the grill door. Turn the *Top Oven / Maxigrill* control knob clockwise to the grill setting.

The grill door must be fully open when the grill is used. If the door is closed the grill burner will go out. The grill will re-light when the door is opened again.

There is a short delay before ignition whilst the cooling fan speeds up - this may be for several seconds.

To switch off, return the control knob to the “off” position.

Note that the grill will not function when the appliance is set for automatic cooking.

Position the grill pan centrally on the oven shelf.

**Caution:**

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

Do not use the grill if the grill burner glass is cracked.

**Preheating**

For best cooked results, the grill should be preheated until the green ready light appears (about 3 minutes).

**Detachable grill pan handle**

![Diagram of detachable grill pan handle]

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

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

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

Food for grilling should be positioned centrally on the trivet.

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**INSTALLATION INSTRUCTIONS**

**Step 4: Check edging strip**

The edging strip is factory fitted to the front side edges of the appliance front frame. This strip provides the cabinetry with extra protection from any escape of heat.

When installing the product, ensure that the edging strip is correctly located on the outer edges of the front frame, before positioning and securing the appliance to the cabinet.

![Diagram of edging strip]

When securing the appliance, the fixing screws provided are driven through the edging strips into the cabinet - the seal will straighten up and sit flush to the cabinet when the screws are fully home.

**Step 5: Secure appliance into housing unit**

Insert appliance into cabinet. Note: The unit housing the appliance must be appropriately fixed.

To secure the appliance to the housing unit, open the grill / top oven door and screw 2 screws through the top corner holes in the front frame, ensuring that the appliance is centrally located. Take care not to damage the appliance or cabinet.
INSTALLATION INSTRUCTIONS

Step 3: Connect to the gas supply

1. The inlet to the appliance is pipe thread ISO RP ½” internal situated at the rear top right corner.
2. Fit the bayonet connection to the wall in the shaded area as shown.
3. Fit the strainer (supplied with the appliance) to the flexible hose inlet as shown, making sure that it is pushed fully into place.
4. Use a 900mm - 1125mm length of flexible connector and make sure it does not block the fan inlet and cannot come into contact with moving parts of the cabinetry - eg; drawers and doors.

5. **Natural Gas** - Flexible connections should be to BS 669. Parts of the appliance likely to come into contact with a flexible connector have a temperature rise less than 70°C.

**LP Gas** - For flexible connections, use a bayonet type hose, suitable for use on LP Gas up to 50 mbar pressure rise and 70°C temperature rise. The flexible hose should be coloured black with a red stripe, band or label. If in doubt, contact your supplier.

6. Make sure all connections are gas sound.

**Important:** ensure that you route all mains and electrical cables and flexible tubing well clear of any adjacent heat source, such as an oven grill or hob.

Ensure that all pipe work is of the correct rating for both size and temperature.

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USING THE TOP OVEN

When you are cooking keep children away from the vicinity of the oven.

The top oven can be used generally, in the same way as the main oven, to cook the full range of dishes, but it is a SECONDARY oven and there are some differences.

Please refer to the accompanying ‘Cooking Guide’ for cooking in the top oven.

**Top oven ignition**

Turn the Top Oven / Maxigrill control knob anticlockwise to the required gas mark.

There is a short delay before ignition (up to 10 seconds) as the cooling fan builds up pressure.

The top oven burner will not come on unless the oven door is closed.

To turn off, return the control knob to the “off” position.

**Notes:**

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

**Warning:** Do not use the oven(s) if the fan is not working.
USING THE MAIN OVEN

When you are cooking keep children away from the vicinity of the oven.

Manual operation
The oven cannot be used manually when the programmer is set for automatic cooking; if A (AUTO) is showing on the programmer display, press the cook time and ready time buttons simultaneously to cancel the automatic setting.

Main oven ignition
Turn the control knob anticlockwise to the required gas mark.

To turn off, return the control knob to the “off” position.

Oven light
All oven lamps will light when an oven is in use.

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

Warning: Do not use the oven(s) if the fan is not working.

INSTALLATION INSTRUCTIONS

Step 3: Connect to the electricity supply
This appliance must be connected by a competent person, using fixed wiring via a double pole switched fused spur outlet, with a contact separation of 3mm at all poles.
We recommend that the appliance is connected by a qualified electrician, who is a member of the N.I.C.E.I.C. and who will comply with the I.E.E. and local regulations.

Warning: This appliance must be earthed.

The wires in the mains lead are coloured in accordance with the following code:
Green & Yellow = earth,
Blue = neutral,
Brown = live.

If the supply cord is damaged, obtain a special cord from the Customer Support Helpline, which must be fitted by a qualified person.
INSTALLATION INSTRUCTIONS

Dimensions
The appliance is designed to fit into a standard 600mm wide housing unit, with minimum internal dimensions as shown.

Note: All sizes are nominal, some variation is to be expected.

USING THE OVENS

Oven furniture

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

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

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

Baking tray 350mm x 280mm
This size of baking tray will hold up to 16 small cakes.

Roasting tin 370mm x 320mm
We recommend that you use good quality cookware. Poor quality trays and tins may warp when heated, leading to uneven baking results.
**PROGRAMMER / CLOCK**

**The Programmer Buttons**
- minute minder
- cook time
- ready time
- minus
- plus

**To set the “Time of Day”**

Press the cook time and ready time buttons simultaneously, and keep the buttons depressed. Use the plus and minus buttons to set the time of day, e.g.; 12.00.

A (Auto) symbol goes out, cookpot symbol comes on.

**To select an alarm tone**

Press the minus button to listen to the first tone.

Release the minus button and press it again to listen to the second tone, etc. Releasing the minus button after the tone has sounded will automatically select that tone.

**Setting the minute minder**

Press the minute minder button, then use the plus and minus buttons to set the required time.

The minute minder (bell) symbol will appear on the display.

You can cancel the minute minder at any time by pressing the minute minder button and the minus button until the display returns to 0.00.

After setting, the display will revert to show the time of day, but you can press the minute minder button, and the display will show the minutes remaining. The tone will sound at the end of the time set - to cancel the tone, press the minute minder button.

**INSTALLATION INSTRUCTIONS**

**Step 1: Prepare installation**

Do not lift the appliance by the door handle.

Remove the fixing screws from the polythene bag on the top of the appliance, but leave the appliance in the base tray packaging until you are ready to install it.

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

Please note that the weight of this appliance is approximately 48kg (unpacked). Take care when lifting it into the housing unit - always use an appropriate method of lifting.

Note: When removing the appliance from the base tray packaging care should be taken to ensure the appliance is not damaged.

**Important:** Do not modify the outer panels of this appliance in any way.

When the false back is removed, it is normally the case that the support shelf for the appliance leaves a gap between the back edge of the support shelf and the rear wall of approximately 80mm.

If no gap occurs between the back edge of the shelf and the wall behind the unit, you must create a gap of at least 30mm by shortening the shelf and any other shelf below the appliance.

Cut 12mm from the top of any plinth that may be fitted (see diagram).

Siting the appliance

If this appliance is to be installed near to a corner where the adjacent cabinets run at right angles forward of the appliance, there must be a gap of at least 90mm between the appliance and the cabinets, to prevent overheating of the cabinets.

When installed in a typical 600mm deep built in housing unit, the false back should be removed from the housing unit, to provide the necessary depth for installation.

When the false back is removed, it is normally the case that the support shelf for the appliance leaves a gap between the back edge of the support shelf and the rear wall of approximately 80mm.

If no gap occurs between the back edge of the shelf and the wall behind the unit, you must create a gap of at least 30mm by shortening the shelf and any other shelf below the appliance.

Cut 12mm from the top of any plinth that may be fitted (see diagram).

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Cut 12mm from the top of any plinth that may be fitted (see diagram).

**Important:** Do not modify the outer panels of this appliance in any way.

When the false back is removed, it is normally the case that the support shelf for the appliance leaves a gap between the back edge of the support shelf and the rear wall of approximately 80mm.

If no gap occurs between the back edge of the shelf and the wall behind the unit, you must create a gap of at least 30mm by shortening the shelf and any other shelf below the appliance.

Cut 12mm from the top of any plinth that may be fitted (see diagram).

**Important:** Do not modify the outer panels of this appliance in any way.
INSTALLATION INSTRUCTIONS

Before you start: Please read the instructions. Planning your installation will save you time and effort.

Prior to installation, ensure that the local distribution conditions (nature of the gas and gas pressure) and the adjustment of the appliance are compatible. The adjustment conditions are stated on the data badge.

This appliance is not connected to a combustion evacuation device. It shall be installed and connected in accordance with current installation regulation. Particular attention shall be given to the relevant requirements regarding ventilation.

In your own interest and that of safety, it is the law that all gas appliances be installed and serviced by competent persons. CORGI registered installers undertake to work to satisfactory standards.

Where regulations or standards have been revised since this handbook was printed, always use the latest edition.

In the UK the regulations and standards are as follows:

2. Building Regulations - Issued by the Department of the Environment.
3. Building Standards (Scotland) (Consolidated) - Issued by the Scottish Development Department.
4. The current I.E.E. Wiring Regulations.
5. Electricity at Work Regulations 1989.
6. BS 6172 Installation of Domestic Gas cooking Appliances
   Also, for LP Gas, refer to BS 5482 Part 1, Part 2 or part 3 as relevant.
7. Installation & Servicing Instructions for this appliance.

For installation in countries other than the UK, the appliance must be connected in accordance with all local gas and electrical regulations. In the Republic of Ireland, Installers should refer to IS813 Domestic Gas Appliances.

Ventilation Requirements

The room containing the appliance should have an air supply in accordance with BS 5440: Part 2: 1989:
- All rooms require an openable window, or equivalent, and some rooms will require a permanent vent as well.
- For room volumes up to 5m² an air vent of 100cm² is required.
- If the room has a door that opens directly to the outside, or the room exceeds 10m², NO AIR VENT is required.
- For room volumes between 5m² and 10m² an air vent of 50cm² is required.
- If there are other fuel burning appliances in the same room, BS 5440: Part 2: 1989 should be consulted to determine the air vent requirements.
- This appliance must not be installed in a bed sitting room of less than 20m³ or in a bathroom or shower room.

Windows and permanent vents should therefore not be blocked or removed without first consulting a CORGI gas installer.

LP Gas only - Do not install this appliance in a room below ground level. This does not preclude installation into rooms which are basements with respect to one side of the building, but open to ground level on the opposite side.

In the Republic of Ireland, refer to relevant Irish Standards for correct ventilation requirements.

Failure to install appliances correctly is dangerous and could lead to prosecution.

PROGRAMMER / CLOCK

Semi-automatic cooking (example)

You have started cooking a meal or dish in the oven, and want to set the time for the oven to switch off.

Press the cook time button, then use the plus and minus buttons to set the display to show the length of cooking time required, eg; 2 hours as shown (1).

After setting, the display will revert to show the time of day, but you can press the cook time button and the display will show how much cooking time still remains on the clock.

Press the ready time button, and the display will show the actual time the oven is going to switch off, eg; 18.00 as shown (2).

At the end of the cooking time, the alarm will sound, and the oven will automatically switch off.

To switch off the alarm, press the minute minder button (3).

When the oven has switched off, return the oven control knob to the “off” position, and press the cook time and ready time buttons to return to manual operation (4).

If you wish to cancel the automatic setting, or to cancel any remaining cooking time left on the clock before the alarm sounds, press the cook time and ready time buttons simultaneously (4).
PROGRAMMER / CLOCK

Fully automatic cooking (example)
For use when a delayed start time is required.
You want to set the length of cooking time, and the time for the oven to switch off. The programmer will automatically calculate the cooking start time.

Turn the oven control to the required temperature.
(Oven will begin normal cooking mode.)

Press the cook time button, then use the plus and minus buttons to set the display to show the length of cooking time required, eg; 2 hours as shown (5).
Press the ready time button, and the present ready time will be displayed.
Using the plus and minus buttons you can set the display to show the actual time you want the oven to switch off, eg: 18.00 hours (6.00 pm) (6).
The display will revert to show time of day.
The oven will automatically switch on at the calculated start time of 16.00 hours (4.00 pm) (7).
A single press of the cook time button shows the cooking time remaining before the oven automatically switches off (8).

1. Switch off the appliance at the socket.
2. When the power returns, see the 'Programmer / Clock section to 'Set the time of day'.

In the event of the gas supply being disconnected it may be necessary to make several lighting attempts before gas reaches the appliance.

5. A (Auto) symbol appears.

6. The cookpot symbol will disappear from display.

7. The cookpot symbol will appear on display.

8. Fully automatic cooking (example)
For use when a delayed start time is required.
You want to set the length of cooking time, and the time for the oven to switch off. The programmer will automatically calculate the cooking start time.

Turn the oven control to the required temperature.
(Oven will begin normal cooking mode.)

Press the cook time button, then use the plus and minus buttons to set the display to show the length of cooking time required, eg; 2 hours as shown (5).
Press the ready time button, and the present ready time will be displayed.
Using the plus and minus buttons you can set the display to show the actual time you want the oven to switch off, eg: 18.00 hours (6.00 pm) (6).
The display will revert to show time of day.
The oven will automatically switch on at the calculated start time of 16.00 hours (4.00 pm) (7).
A single press of the cook time button shows the cooking time remaining before the oven automatically switches off (8).

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Lamp signal Cause Action

Steady green Selected oven / grill has reached required temperature. None - normal operation.

Green lamp & red indicator Soft lockout. Reset - turn control knob off / on.

Hard lockout. (possible interference) Reset - turn off / on at mains. If recurring, a service visit may be required.

Fault on micro-computer Service visit required.

If in doubt, isolate the appliance from the gas and electrical supplies & contact Customer Care.
The 900GRa double oven & grill unit uses a built in micro-computer to control the oven temperature. The computer also indicates when the ovens are ready for use, and oversees the gas supply, fan operation and ignition sequence ensuring that these are operating safely.
Should the micro-computer find any fault in the systems under its control, it will either;
- stop the ignition and gas valve operation or;
- if the cooker is already in use it will shut down the operation until the fault is rectified.
The cooling fan will, however, continue to run on for a while, and the oven lights remain on.

Electrical interference either from the mains or other electrical equipment may cause the micro-computer to indicate a fault when non exists, chiefly when first turning on. It may be necessary to reset the micro-computer (by turning the electricity supply off at the mains plug) when first bringing the appliance into operation.
Opening oven doors whilst the micro-computer is running through it's checks may cause it to lock out.

In the event of a power cut
1. Switch off the appliance at the socket.
2. When the power returns, see the 'Programmer / Clock section to 'Set the time of day'.

In the event of the gas supply being disconnected it may be necessary to make several lighting attempts before gas reaches the appliance.
**CLEANING**

**Stainless Steel surfaces** (stainless steel finish models only)

**FACIA PANEL, HANDLES, DOOR PANELS**

Only use a clean cloth wrung out in hot soapy water, and dry with a soft cloth. Stubborn marks can be removed using “Luneta”. We recommend that you clean the whole of the stainless steel area to maintain a uniform finish. Supplies can be purchased from the Customer Care Centre.

Do not use undiluted bleach or any products containing chlorides as they can permanently damage the steel.

Extra care should be taken when cooking food in salted water. Some foods are corrosive - eg: vinegar, fruit juices and especially salt - they can mark or damage stainless steel if they are left on the surface. Turn off and wipe any spillage immediately, taking care to avoid skin contact with any hot surface or spillage.

Sharp objects can mark the surface of stainless steel, but marks will become less noticeable with time.

To maintain the finish of the stainless steel, or to remove any greasy marks, wipe the stainless steel surface sparingly with a **minimum** amount of “Johnson’s Baby Oil” and kitchen paper.

Do not use cooking oils, as these may contain salt, which can damage the stainless steel surface.

**PROGRAMMER / CLOCK**

The oven will automatically switch off at 18.00 hours (6.00 pm) and the alarm will sound (**9**).

9. A (Auto) symbol will flash.

![Image](9)

To switch off the alarm press the **minute minder button** (**10**).

10. ![Image](10)

When the oven has switched off, return the oven control knob to the “off” position, and press the **cook time** and **ready time** buttons simultaneously (**11**).

If you wish to cancel the automatic setting before cooking has started, and return to manual operation, press the **cook time** and **ready time** buttons simultaneously (**11**).

To cancel any remaining cooking time left on the clock before the alarm sounds, press the **cook time** and **ready time** buttons simultaneously (**11**).
Caution: Any cleaning agent used incorrectly may damage the appliance.
Always let the oven cool before cleaning.

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

It is recommended that the appliance is cleaned after open roasting.
Do not use caustic, corrosive or abrasive cleaning products, products containing bleach, coarse wire wool or any hard implements, as they will damage the surfaces.

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

Chrome plated parts
OVEN SHELVES & OVEN SHELF RUNNERS, GRILL PAN TRIVET
Do not use abrasives or polishes. Use a moist soap pad - eg; “Brillo”. These items may also be cleaned in a dishwasher.
Note: Oven shelf runners can be removed for cleaning. Grasp the runners, and slide out of the hanging holes as shown.

Vitreous enamel parts
GRILL PAN, OVEN FLOOR
Use a mild cream cleaner - eg; “Cif”. Stubborn marks may be removed with a moistened “Brillo” pad.
The grill pan may be cleaned in a dishwasher, or with a nylon brush in hot soapy water.

Painted, plastic & metal finish parts
DOOR HANDLE, CONTROL KNOBS
Only use a clean cloth wrung out in hot soapy water.

Easy care surfaces
OVEN SIDES AND BACK
We recommend that the appliance is cleaned after open roasting, and also after roasting at temperatures higher than gas mark 5, to help prevent a build up of fats. Use of a trivet in a roasting tin when roasting will help reduce fat splashing.

Caution: Most types of cleaning agent will damage these surfaces.
Only use a few drops of washing up liquid in hot water. Wipe the surfaces with a clean cloth wrung out in hot soapy water - if larger splashes of fat do not readily disappear, scrub the area with a nylon brush or nylon pan scourer and hot soapy water. Rinse well and heat the oven to dry the surfaces.

Glass parts
FACIA PANEL & DOOR PANELS
Use a mild cream cleaner - eg; “Cif”. Rinse thoroughly and dry with a soft cloth. Do not use abrasive cleaners or polishes.

To remove the glass panel for cleaning, open the door to the door stop position (about 30° open), hold the top and bottom edges of the panel and slide out. Note that if the door is opened fully when removing the inner door glass panel, the door may spring shut.

Important: if the inner door glass panel is removed for cleaning, it must be replaced the right way up as shown, and pushed fully in to the stop position.

Ceramic grill glass
LOCATED IN ROOF OF COMPARTMENT
After using the top oven or grill, wait until the grill glass is cool before giving it a quick wipe over with a clean damp cloth. Most splashes on the grill glass will burn off as the grill is used, but if necessary, it can be cleaned using a ceramic hob cleaner - eg; “Hob Brite” (by Homecare *), or a moist soapy “Brillo” pad.

When cleaning, do not exert pressure on the grill glass. For removing stubborn deposits, we recommend the use of a ceramic hob scraper.

* Homecare products are available mail order from ☎ 0208 871 5027.