



INSTALLATION and SERVICE INSTRUCTIONS
USE and CARE INSTRUCTIONS

D 916 GWF

DUAL FUEL COOKER



distributed by
DèLonghi
Pty Ltd

Dear Customer,

Thank you for having purchased and given your preference to our product.

The safety precautions and recommendations reported below are for your own safety and that of others. They will also provide a means by which to make full use of the features offered by your appliance.

Please keep this booklet in a safe place. It may be useful in future, either to yourself or to others in the event that doubts should arise relating to its operation.

This appliance must be used only for the task it has explicitly been designed for, that is for cooking foodstuffs. Any other form of usage is to be considered as inappropriate and therefore dangerous.

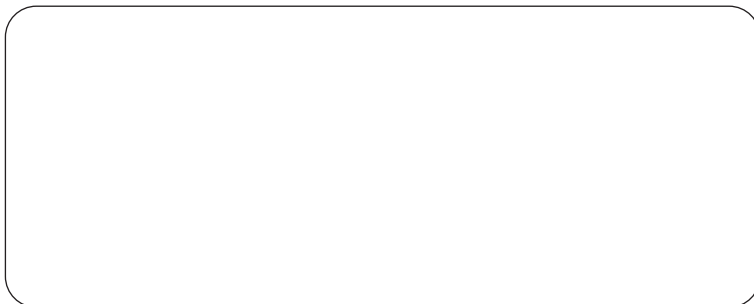
The manufacturer declines all responsibility in the event of damage caused by improper, incorrect or illogical use of the appliance or by faulty installation.

Important:

This appliance is designed and manufactured solely for the cooking of domestic (household) food and is not suitable for any non domestic application and therefore should not be used in a commercial environment.

The appliance guarantee will be void if the appliance is used within a non domestic environment i.e. a semi commercial, commercial or communal environment.

PRODUCT LABEL



FIRST TIME USE THE OVEN

It is advised to follow these instructions:

- Clean the interior of the oven with cloth soaked in water and detergent (neutral) then dry carefully.
- Fit the wire racks as described at chapter “Use and care”.
- Insert shelves and tray.
- Switch on the empty oven on max to eliminate grease tracks from the heating elements.

IMPORTANT PRECAUTIONS AND RECOMMENDATIONS FOR USE OF ELECTRICAL APPLIANCES

Use of any electrical appliance implies the necessity to follow a series of fundamental rules. In particular:

- Never touch the appliance with wet hands or feet;
- do not operate the appliance barefooted;
- The appliance is not intended for use by young children or infirm persons with supervision
- Young children should be supervised to ensure they do not play with the appliance

The manufacturer cannot be held responsible for any damages caused by improper, incorrect or illogical use of the appliance.



IMPORTANT PRECAUTIONS AND RECOMMENDATIONS

After having unpacked the appliance, check to ensure that it is not damaged.
In case of doubt, do not use it and consult your supplier or a professionally qualified technician.

Packing elements (i.e. plastic bags, polystyrene foam, nails, packing straps, etc.) should not be left around within easy reach of children, as these may cause serious injuries.

- Do not attempt to modify the technical characteristics of the appliance as this may become dangerous to use.
 - Do not carry out cleaning or maintenance operations on the appliance without having previously disconnected it from the electric power supply.
 - After use, ensure that the knobs are in off position.
 - Do not allow children or other incapable people to use the appliance without supervision.
 - During and after use of the cooker, certain parts will become very hot. Do not touch hot parts.
 - Keep children away from the cooker when it is in use.
 - Some appliances are supplied with a protective film on steel and aluminium parts. This film must be removed before using the appliance.
 - Fire risk! Do not store flammable material in the oven, and in the storage compartment.
 - Make sure that electrical cables connecting other appliances in the proximity of the cooker cannot come into contact with the hob or become entrapped in the oven door.
 - Do not line the oven walls with aluminium foil. Do not place baking trays or the drip tray on the base of the oven chamber.
 - The manufacturer declines all liability for injury to persons or damage to property caused by incorrect or improper use of the appliance.
-
- **IMPORTANT NOTE: This appliance shall not be used as a space heater, especially if installed in marine craft or caravans.**

This cooker has been designed and constructed in accordance with the following codes and specifications:

AGA101 (AS 4551)	Approval Requirements for Domestic Gas cooking appliances
AS/NZS 3350-1	General Requirements for Domestic electrical appliances
AS/NSZ 3350-2-6	Particular Requirements for Domestic electrical cooking appliances
AS/NSZ 1044	Electromagnetic Compatibility Requirements.

INSTALLATION

CAUTION:

- This appliance must be installed in accordance with these installation instructions.
- This appliance shall only be serviced by authorized personnel.
- This appliance is to be installed only by an authorised person.
- Incorrect installation, for which the manufacturer accepts no responsibility, may cause personal injury of damage.
- Always disconnect the cooker from mains power supply before carrying out any maintenance operations or repairs.
- In the room where the cooker is installed, there must be enough air to allow the gas to burn correctly, according to the current local regulations.

ELECTRICAL REQUIREMENTS

- The appliance must be connected to the mains checking that the voltage corresponds to the value given in the rating plate and that the electrical cable sections can withstand the load specified on the plate.
- The appliance must be connected directly to the mains placing a two pole switch with minimum opening between the contacts of 3 mm between the appliance and the mains.
- The power supply cable must not touch the hot parts and must be positioned so that it does not exceed 50°C above ambient.
- Once the appliance has been installed, the switch must always be accessible.
- **If the supply cord is damaged it must be replaced by the manufacturer or its Service Agent or a similarly qualified person in order to avoid a hazard.**

WARNING: This cooker must be connected to electrical supply using V105 insulated cable.

N.B. The connection of the appliance to earth is mandatory.

If the installation requires alterations to the domestic electrical system call a qualified electrician.

He should also check that the socket cable section is suitable for the power drawn by the appliance.

Replacing the power cord must be done by a qualified electrician in accordance with the instructions supplied by the manufacturer and in compliance with established electrical regulations.

CLEARANCES

Installation clearances and protection of combustible surfaces shall comply with the current local regulations eg. AG 601 (AS 5601) Gas Installations code.

Installation shall comply with the dimension in Fig 1 bearing in mind that

Overhead Clearances

In no case shall the clearances between the highest part of the cooker be less than 600mm or for an overhead exhaust fan 750mm. All other downward facing combustible surfaces less than 600mm above the cooker surface shall be protected for the full width of the cooking surface in accordance with the standards noted above. In no case shall the clearance be less than 450mm.

Rear and Side Clearances

Where the dimensions from the periphery of the nearest burner to any vertical combustible surface is less than 200mm the surface shall be protected in accordance with the standards to a height of not less than 150mm above the cooking surface for the full width or depth of the cooking surface

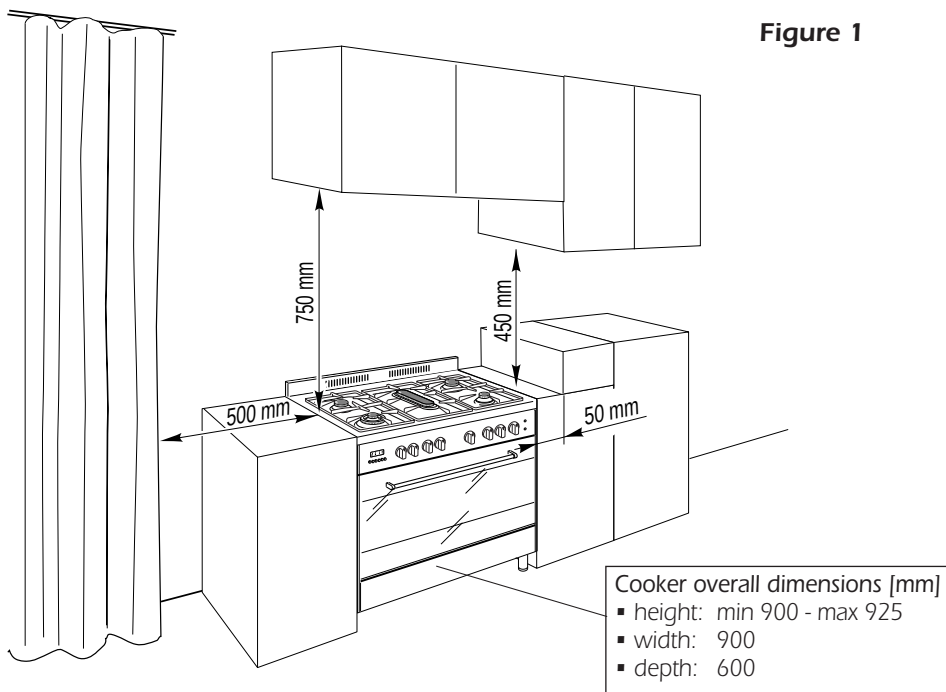
Where the dimensions from the periphery of the nearest burner to any horizontal combustible surface is less than 200 mm, the horizontal surface shall be greater than 10 mm below the surface of the hob, or the horizontal surface requirement above.

Protection of combustible surfaces.

The standards above specify that where required protection shall ensure that the surface temperature of the combustible surface does not exceed 65°C above room temperature.

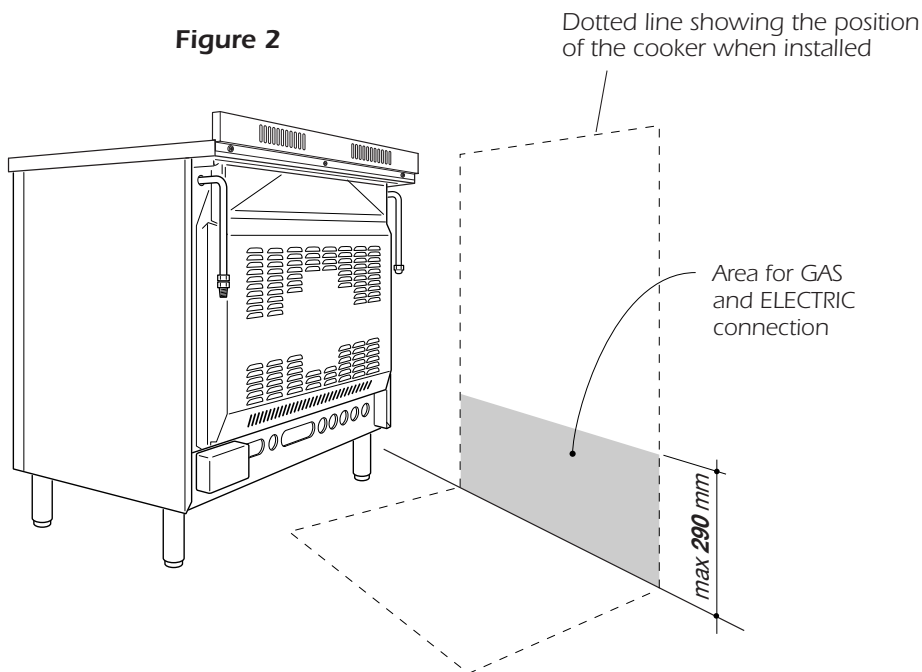
If the cooker is located on a pedestal it is necessary to provide safety measures to prevent falling out.

Figure 1



GAS AND ELECTRIC CONNECTION

Figure 2

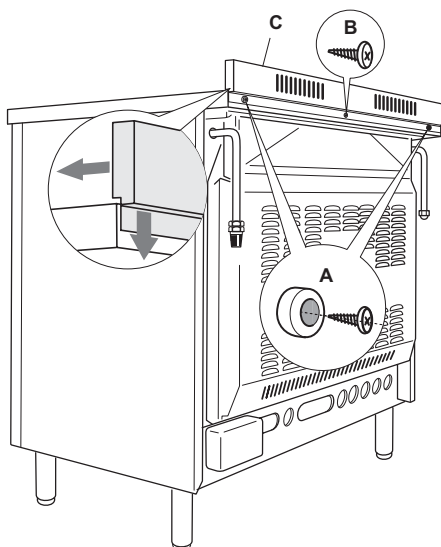


BACKGUARD

Before installing the cooker, assemble the backguard "C" (fig. 3).

- The backguard "C" can be found packed at the rear of the cooker.
- Before assembling remove any protective film/adhesive tape.
- Remove the two spacers "A" and the screw "B" from the rear of the cooktop.
- Assemble the backguard as shown in figure 3 and fix it by screwing the central screw "B" and the spacers "A".

Figure 3



FITTING THE ADJUSTABLE FEET

The adjustable feet must be fitted to the base of the cooker before use.

Rest the rear of the cooker on a piece of the polystyrene packaging exposing the base for the fitting of the feet.

Fit the 4 legs by screwing them tight into the support base as shown in figure 4b.

Figure 4a

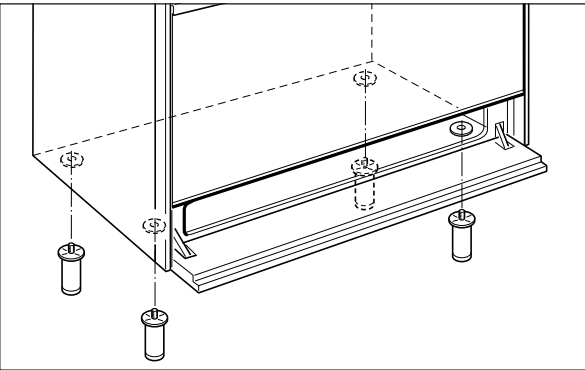
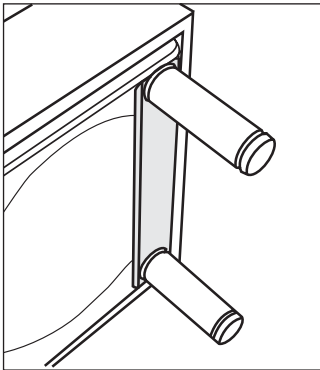


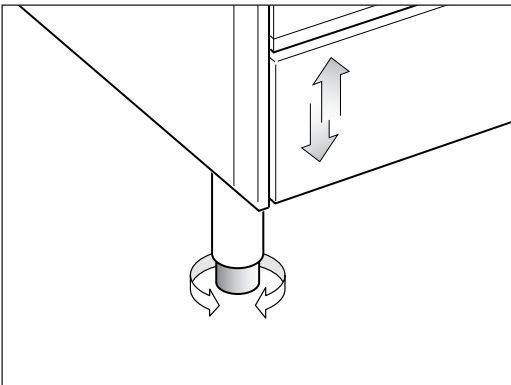
Figure 4b



LEVELLING THE COOKER

The cooker may be levelled by screwing the lower ends of the feet IN or OUT (fig. 5).

Figure 5

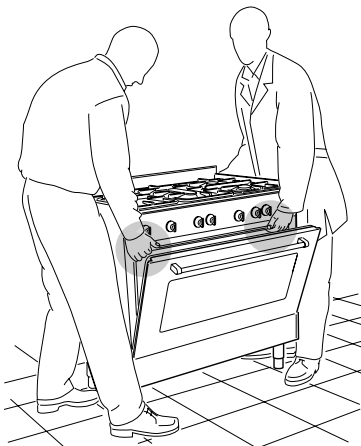


MOVING THE COOKER

WARNING

When raising cooker to upright position always ensure two people carry out this manoeuvre to prevent damage to the adjustable feet (fig. 6).

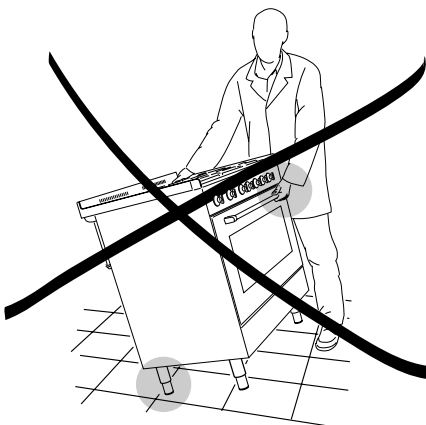
Figure 6



WARNING

Be careful: do not lift the cooker by the door handle when raising to the upright position (fig. 7).

Figure 7



WARNING

When moving cooker to its final position **DO NOT DRAG** (fig. 8). Lift feet clear of floor (fig. 5).

Figure 8

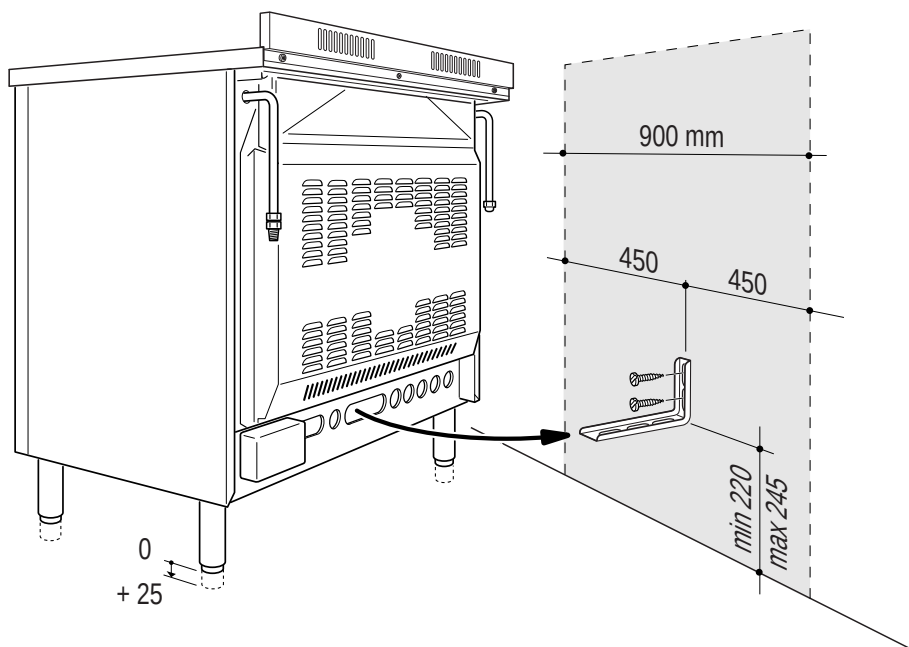


ANTI-TILT BRACKET

Fixing the anti-tilt bracket:

- After you have located where the cooker is to be positioned mark, on the wall, the place where the 2 screws of the anti-tilt bracket have to be fitted. Please follow the indications given in the drawing below.
- Make two holes of diameter 8mm diameter on the wall and insert the plastic plugs.
- Attach the anti-tilt bracket loosely by means of 2 screws.
- Move the cooker to the wall and adjust the height of the anti-tilt bracket so that it can engage in one slot of the cooker back.
- Attach the anti-tilt bracket tight.
- Push the cooker against the wall so that the anti-tilt bracket is fully inserted in one slot of the cooker back.

Figure 9



GAS SUPPLY:

- The connection must be executed by an authorised person according to the relevant standards.
- Before connecting the appliance to the gas main, mount the brass conical adaptor onto the gas inlet pipe, upon which the gasket has been placed (figures 10-11).
Conical adaptor and gasket are supplied with the appliance (packed with conversion kit for use with Natural gas or Propane gas).
- This appliance is suitable for use with Natural Gas or Propane gas. (Check the “gas type” sticker attached to the appliance).
- For Natural Gas models the gas supply is connected to the pressure regulator which is supplied with the appliance (fig. 11). Adjust the regulator to obtain a test point pressure of 1 kPa with the two semi-rapid (SR) burners operating at the maximum.
- For Propane gas models the gas supply is connected to the test point adaptor which is supplied with the appliance (fig. 10) and ensure that the supply pressure is regulated to 2.75 kPa.
- The connection must be made at the rear of appliance (left or right); the pipe do not cross the cooker.
- The inlet not used must be closed off with the cap and sealing gasket supplied.
- **IMPORTANT:** Use two spanners to tighten or loosen the connecting pipe (fig. 13)

Figure 10

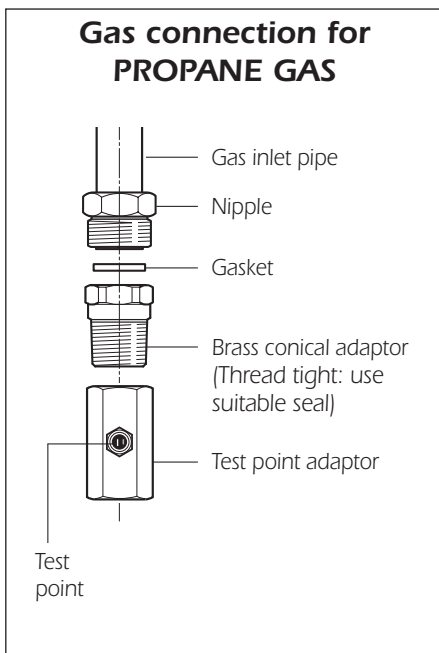
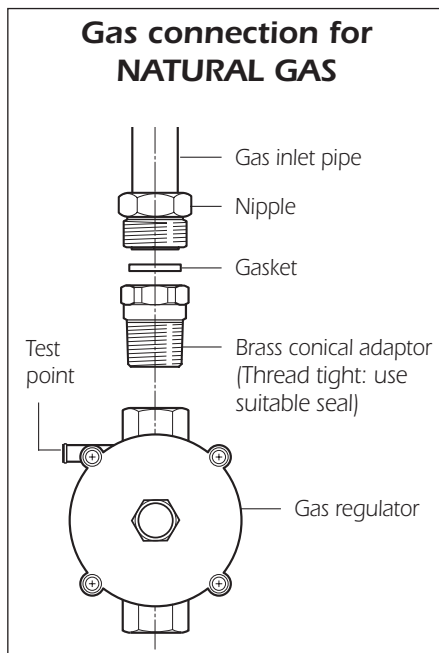


Figure 11



1. After connecting the gas supply, check the piping and connections for leaks using a soap and water solution. The presence of bubbles indicates a leak, tighten or replace connections as appropriate.
Warning: Do not use any naked flame to check for leaks.
2. Adjust the test point pressure or supply pressure to the value which is appropriate for the gas type.
3. The operation of the appliance must be tested when installation is completed.
4. Turn on the appliance gas controls and light each burner individually and in combination. Check for a well defined blue flame without any yellow tipping. If any abnormality is evident then check that the burner cap is located properly and the injector nipple is aligned correctly.
5. Check the minimum burner setting by quickly rotating the gas control knob from the maximum to the minimum position, the flame must not go out. If adjustment is required carry out the "minimum burner setting adjustment" procedure described
6. If satisfactory performance cannot be obtained, the installer shall check the installation and notify the local gas supply authority for a gas supply problem, or if it is an appliance problem, our Customer Service Centre should be called to obtain the nearest authorized Delonghi Service Agent.

WARNING, This appliance **IS NOT SUITABLE** for installation with a hose assembly.

Figure 12

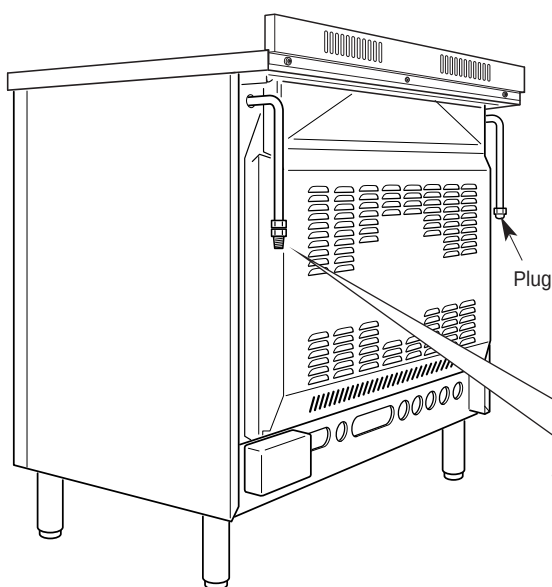
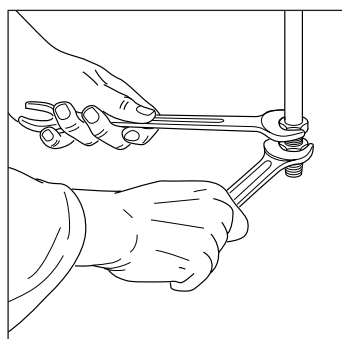


Figure 13



CONVERSION PROCEDURE (to convert to Propane)

REPLACING THE INJECTORS

This appliance is suitable for use with Natural gas or Propane gas (check the “gas type” sticker attached to the appliance). A label stating the type of gas used after replacing the injectors must be attached at the rear of the appliance, in proximity of the gas inlet connection. The nominal gas consumption and injector size details are provided in table at page 15.

To replace the injectors proceed as follows:

- Remove pan supports and burners from the cooktop.
- Using a spanner, remove the injector J (fig. 14a, 14b) and replace it with one according to the gas type (see following tables - page 15).
- Affix to the rear of the appliance, in proximity of the gas inlet connections, the warning label (supplied with the conversion kit) stating that the cooker has been converted for use with Propane gas / Natural gas.

IMPORTANT

- If the cooker is suitable for use with Natural gas and must be converted for use with Propane gas, before connecting to gas main remove the appliance gas regulator and replace with test point adaptor (see fig. 10-11)
- If the cooker is suitable for use with Propane gas and must be converted for use with Natural gas, before connecting to the gas main remove the appliance test point adaptor and replace with gas regulator (see figs. 10-11).

NOTE:

Gas regulator and test point adaptor are supplied with the appliance (packed with conversion kit)

The burners are designed so that regulation of primary air is not required.

Figure 14a

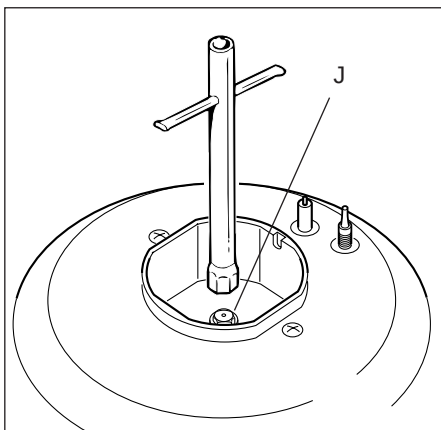
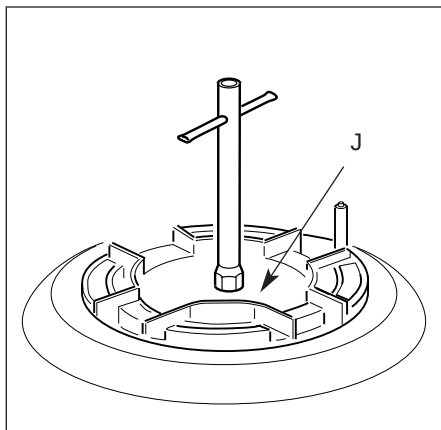


Figure 14b



MINIMUM BURNER SETTING ADJUSTMENT

Check whether the flame spreads to all burner ports when the burner is lit with the gas tap set to the minimum position. If some ports do not light, increase the minimum gas rate setting.

Check whether the burner remains lit even when the gas tap is turned quickly from the maximum to the minimum position. If the burner does not remain lit, increase the minimum gas rate setting.

The procedure for adjusting the minimum gas rate setting is described below.

- Turn on the burner
- Turn the tap to the MINIMUM position
- Take off the knob
- With a small flat screwdriver turn the screw "F" (fig. 15) to the correct regulation.

Normally for Propane gas, the regulation screw is tightened up.

Figure 15

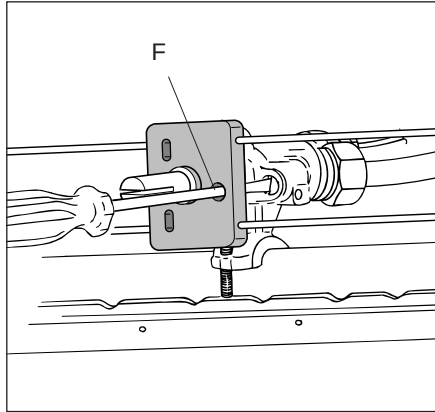


TABLE FOR THE CHOICE OF THE INJECTORS

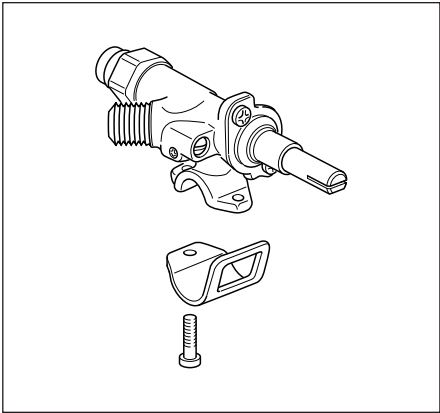
	Natural gas		Propane gas	
Test Point Pressure [kPa]	1.0		2.75	
BURNER	Injector Orifice Dia. [mm]	Gas Consumption [MJ/h]	Injector Orifice Dia. [mm]	Gas Consumption [MJ/h]
Semi-rapid (SR)	1.12	6.30	0.70	6.30
Fish burner (FB)	1.45	10.60	0.91	10.60
Triple ring (TC)	1.65	13.30	0.95	11.90

LUBRICATION OF THE GAS TAPS

If the gas tap becomes stiff, it is necessary to dismantle it carefully and clean it with petroleum spirit. Specialist high temperature resistant grease should be used to lubricate the tap before replacing.

The operations must be carried out by an authorised person/service agent.

Figure 16



USE and CARE

CAUTION:

- This appliance must be used only for the task it has explicitly been designed for, that is for domestic cooking of foodstuffs. Any other form of usage is to be considered as inappropriate and therefore dangerous.
- Do NOT place combustible materials or products on this appliance at any time.
- Do NOT spray aerosols in the vicinity of this appliance while it is in use.

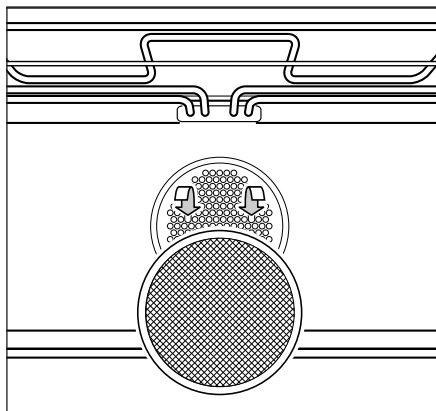
GREASE FILTER

- A special screen is provided at the back of the multifunction oven to catch grease particles, mainly when meat is being roasted (fig. 17).
- When baking pastry etc. this filter should be removed.
- Always clean the filter after cooking as any solid residues on it might adversely affect the oven performance.

SLIDING SHELVES

- They facilitate the insertion and removal shelves during cooking. These shelves support all accessories and the dishwarmer safe.
- The shelves block when pulled to the maximum position.
- The sliding shelves can be removed easily by lifting slightly and detaching them from the oven walls.
- Removing the sliding shelves improves access to the oven ceiling for cleaning (after the grill heating element has been lowered).

Figure 17



USING THE OVEN FOR THE FIRST TIME

- Slide off the sliding shelves and the catalytic liners to the oven wall as in Fig. 18. The grill is secured to the rear wall of the oven on a hinge system that allows it to be lowered to allow proper access when cleaning the oven ceiling (fig. 19).
- Clean the inside of the oven with a cloth soaked in water and neutral detergent and dry thoroughly.
- Slide in the catalytic liners and sliding shelves on the oven wall as in Fig. 18.
- Slide in the grease filter on the back of the oven as in Fig. 17.

Figure 18

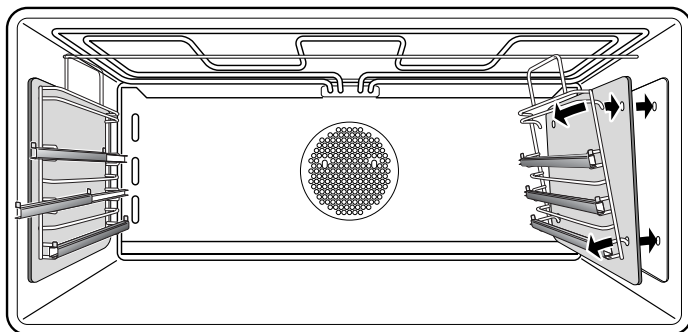
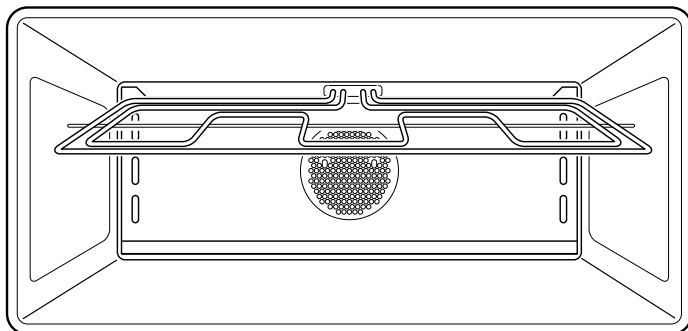


Figure 19



- Position the shelf as per Fig. 20.
- Position the oven tray on its wire shelf (fig. 21).
Important: The oven tray wire shelf must be correctly inserted in the oven as per Figures 21, 22a and 22b.
- To eliminate traces of grease in manufacture it is necessary to pre-heat the oven at the maximum temperature.
 - For 60 minutes in the  position, for 30 minutes in the  position, and for another 15 minutes in the  position.

WARNING: The door is hot, use the handle.

Figure 20

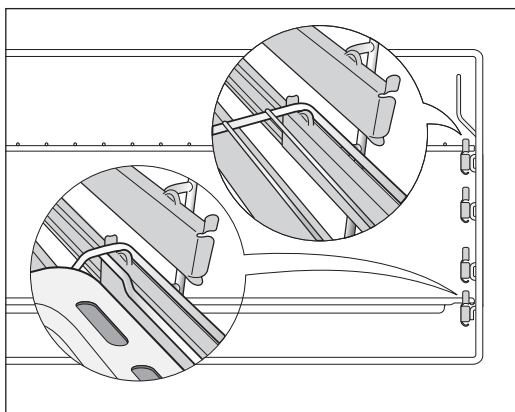


Figure 21

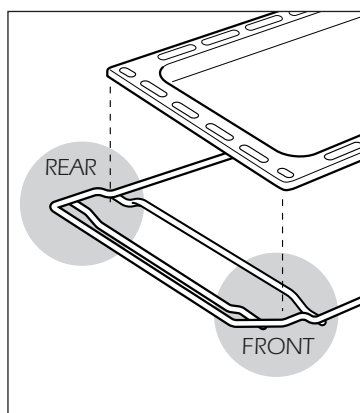


Figure 22a

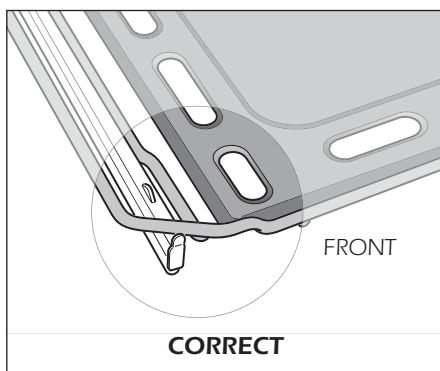
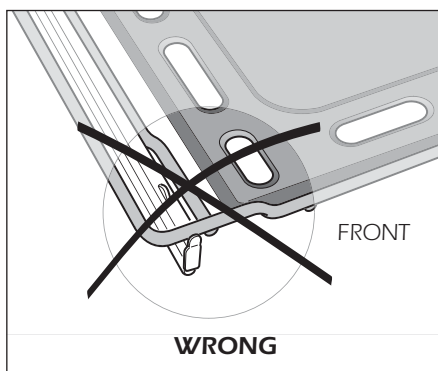
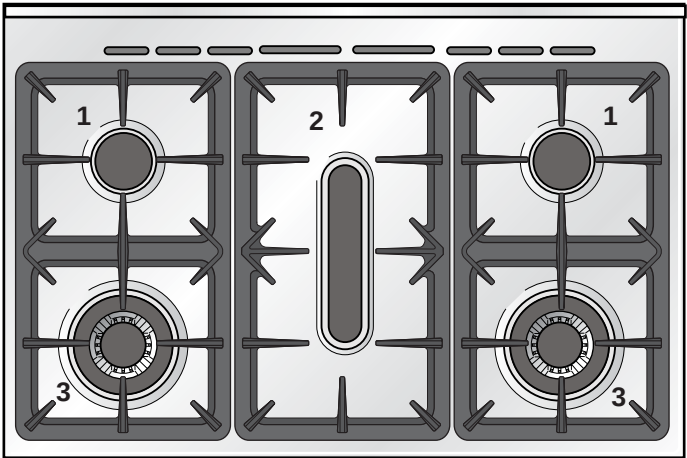


Figure 22b



GAS HOB

Figure 23



GAS BURNERS

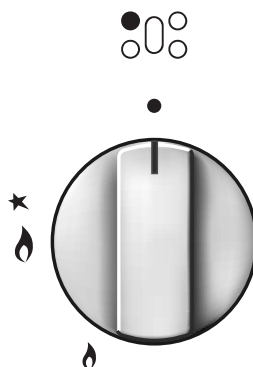
	Natural Gas MJ/h	Propane gas MJ/h
1. Semi-rapid burner (SR)	6.3	6.3
2. Fish burner (FB)	10.6	10.6
3. Triple ring burner (TC)	13.3	11.9

LIGHTING GAS BURNERS

FITTED WITH SAFETY VALVE DEVICE AND ELECTRONIC IGNITION

Figure 24

- Check that the electricity is switched on to allow spark ignition.
- Make sure that all controls are turned to zero.
- The gas flow to the burners is controlled by taps with a safety cutout device. If the burner flame should go out, the safety cut-off valve will automatically stop the gas flow. The switch for the electric ignition is incorporated in the knobs.



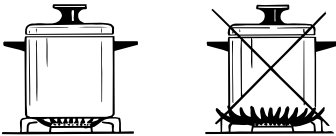
- You control the flow by turning the knob indicator to line up with the following symbols:
 - Symbol  : tap closed (burner off)
 - Symbol  : High (maximum)
 - Symbol  : Low (minimum)
- To ignite automatically, push the required knob down and turn it to maximum, keeping the knob down until the burner lights. When the flame is lit, wait for about ten second with the knob down (safety cut-off activation delay).
- You can control the temperature by the knob to “High” from “minimum”.
- To switch off, turn the knob clockwise until you hear the safety click.
- Note that, if you are using a burner at the minimum setting, you turn the knob clockwise past the maximum setting before reaching the off position.
- Whenever the lighting of the burners is difficult due to peculiar conditions of the gas features or supply, it is advised to repeat the ignition with the knob on “minimum” position.
- If when lighting any of the burners an abnormal flame appears, switch the burner off and relight using the minimum setting.
- If the flame is still not correct, turn the burner off and call our Customer Service center for your nearest Authorized Delonghi Service Agent.
- In the case of a mains failure light the burner with a match or lighted taper.

CHOICE OF BURNER

The burner must be chosen according to the diameter of the pans and energy required.

For optimum efficiency use a wok or pan no smaller than 230mm diameter.

Figure 25



do not use pans with concave or convex bases

Burners	Pan diameter
Semi-rapid	16 - 24 cm
Triple ring	26 - 28 cm
Fish-burner	from 12x30 to 18x40 cm
Wok	max 36 cm

Saucepans with handles which are excessively heavy, in relationship to the weight of the pan, are safer as they are less likely to tip.

Pans which are positioned centrally on burners are more stable than those which are offset.

It is far safer to position the pan handles in such a way that they cannot be accidentally knocked.

When deep fat frying fill the pan only one third full of oil.

DO NOT cover the pan with a lid and **DO NOT** leave the pan unattended. In the unfortunate event of a fire, leave the pan where it is and turn off all controls.

Place a damp cloth or correct fitting lid over the pan to smother the flames.

DO NOT use water on the fire.

Leave the pan to cool for at least 30 minutes.

CORRECT USE OF TRIPLE-RING BURNER

- The flat-bottomed pans are to be placed directly onto the pan-support.
- To use the WOK, you must place the wok stand in the **CORRECT** position as shown in Fig. 26a-26b.

IMPORTANT:

The special grille for wok pans (fig. 26b) **MUST BE PLACED ONLY** over the pan-rest for the triple-ring burner.

Figure 26a

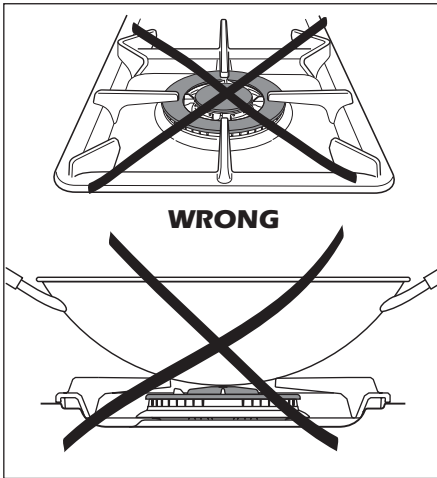


Figure 26b

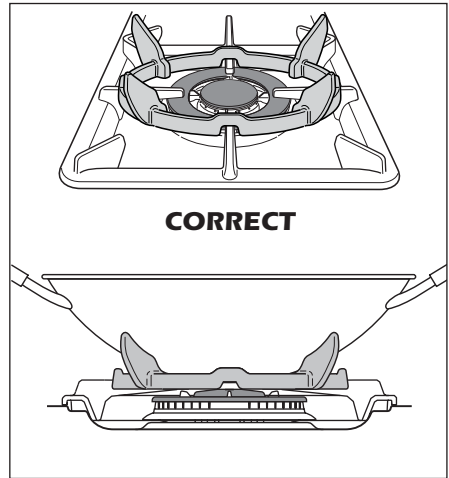
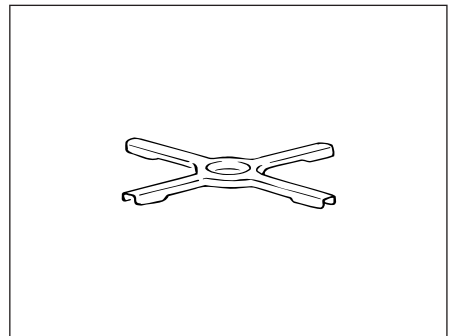


Figure 27

GRATE FOR SMALL PANS

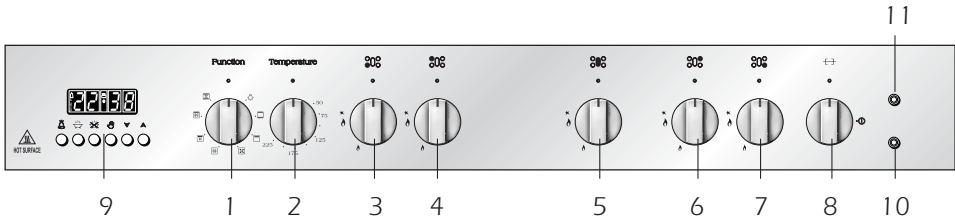
(fig. 27)

This grate is to be placed on top of the (smaller) semirapid burner in order to prevent them from tipping over.



MULTIFUNCTION OVEN

Figure 28



CONTROL PANEL

Controls description

1. Oven switch knob
2. Oven thermostat knob
3. Front left burner control knob
4. Rear left burner control knob
5. Fish burner control knob
6. Rear right burner control knob
7. Front right burner control knob
8. Rotisserie control knob
9. Electronic programmer

Pilot lamp:

10. Oven thermostat indicator light
11. Line indicator light



WARNING:
Accessible parts will become hot when in use. To avoid burns and scalds children should be kept away.

During use the appliance becomes hot. Care should be taken to avoid touching heating elements inside the oven.

GENERAL FEATURES

With your new Multi-Function oven it is possible to cook a variety of food using the 7 different cooking functions.

These 7 functions are obtained using a combination of the 4 different heating elements plus a defrost function using the fan only.

Please note: This appliance incorporates a safety cooling fan which you will hear operating whenever the oven or grill are in use. This fan is to reduce the external temperature of the appliance and cool the internal components.

OPERATING PRINCIPLES

Heating and cooking in the MULTI-FUNCTION oven are obtained in the following ways:

a. by normal convection

The heat is produced by the upper and lower heating elements.

b. by forced convection

The fan draws in air contained within the oven housing at the rear of the oven and forces it over the circular heating element. The hot air envelops the food in the oven giving faster and more even cooking before it is drawn back into the housing to repeat the cycle. It is possible to cook several dishes simultaneously due to the even distribution of heat within the oven.

c. by forced semi-convection

The heat produced by the top and bottom heating elements is distributed throughout the oven by the fan.

d. by radiat heat

The food is grilled by the infra red grill element.

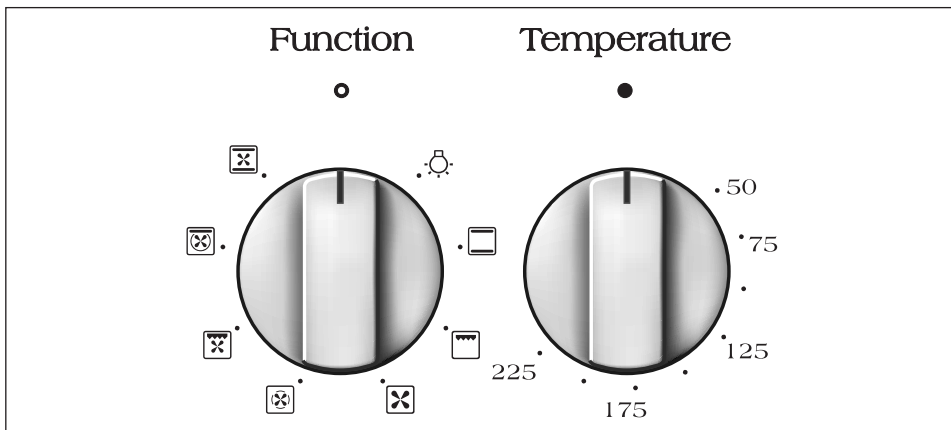
e. by radiat heat and ventilation

The food is grilled by the grill element is distributed throughout the oven

f. by ventilation

The food is defrosted by using the fan only function without heat.

Figure 29



FUNCTION SELECTOR KNOB

Rotate the knob clockwise to set the oven for one of the following functions.

THERMOSTAT KNOB

This only sets the cooking temperature and does not switch the oven on. Rotate clockwise until the required temperature is reached (from 50 to 225°C).



OVEN LIGHT

By setting the knob to this position, only the oven light comes on (15 W). It remains on in all the cooking modes.



TRADITIONAL BAKE

The upper and lower heating elements come on. The heat being dispersed by natural convection. The temperature range must be set between 50°C and 225°C using the thermostat.

The oven must be preheated before cooking.

Ideal for:

Food that requires the same degree of cooking both inside and out, for example roasts, spare pork ribs, meringues etc.



GRILLING

The infrared grill element at the top of the oven comes on. The heat is dispersed by radiation.

Use with the **oven door closed** and the thermostat knob to position **225°C** for max 15 minutes, then to position **175°C**.

For cooking hints, see the chapter "USE OF THE GRILL".

Ideal for:

Intense grilling, browning, cooking au gratin and toasting etc.

It is recommended that you do not grill for longer than 30 minutes at any one time.

Attention: the oven door becomes very hot during operation.

Keep children away.



DEFROST

Only the oven fan comes on. Use with the thermostat knob set to "●" - other temperature have no effect. The food is thawed by ventilation without heating.

Ideal for:

Quick thawing of frozen foods; one kg requires approximately 1 hour.

Thawing times vary according to the quantity and type of food to be thawed.



FAN FORCED

The circular element and fan come on. The heat is dispersed by forced convection and the temperature can be varied to between 50° and 225°C via the thermostat knob. The oven does not require preheating.

Recommended for:

Food which has to be well-cooked outside and soft or rosy inside, for example lasagne, lamb, roast beef, whole fish etc.



FAN GRILL

Both the grill and the fan come on. Most of the cooking is done by grilling and then the hot air circulated around the oven. The oven door should be kept **closed**.

The temperature can be set between 50°C and 175°C maximum.

The oven should be preheated for 5 minutes before cooking. For further cooking hints see "GRILLING AND COOKING AU GRATIN" (page 27).

Ideal for:

Quick sealing in of food juices for example such as hamburger, chicken pieces, chops.

It is recommended that you do not grill for longer than 30 minutes at any one time.

Attention: the oven door becomes very hot during operation.

Keep children away.



MAINTAINING TEMPERATURE AFTER COOKING OR SLOWLY HEATING FOODS

The upper element, the circular element and the fan come on.

The heat is circulated by forced convection with greater intensity in the upper part.

The temperature can be set to between 50° and 150°C via the thermostat knob.

Recommended for:

Keeping food warm after any type of cooking. Slow heating of cooked food.



MULTI-FUNCTION

The upper and lower heating elements come on and the fan come on - the heat from the element being circulated by the fan.

The temperature range can be set to between 50° and 225°C using the thermostat.

Idea for:

Large bulky quantities of food that require even cooking throughout for example large roasts, turkey, roast turkey, cakes etc.

COOKING ADVICE

STERILIZATION

Sterilization of foods to be conserved, in full and hermetically sealed jars, is done in the following way:

- Set the switch to position .
- Set the thermostat knob to position 185 °C and preheat the oven.
- Fill the dripping pan with hot water.
- Set the jars onto the dripping pan making sure they do not touch each other and the door and set the thermostat knob to position 135 °C.

When sterilization has begun, that is, when the contents of the jars start to bubble, turn off the oven and let cool.

Check your recycle book for full instructions.

SIMULTANEOUS COOKING OF DIFFERENT FOODS

The oven set on position  can cook several different foods together. Foods as diverse as fish and cakes can be cooked together without the cross transference of flavours. This is because the fats and cooking smell that would normally be deposited on the different foods are oxidised and are not absorbed by the foods. The cooking temperature of the foods, however must be within 20°-25°C of each other. The food with the longest cooking time will be put into the oven first and the other foods are added as necessary according to their cooking times.

GRILLING AND "AU GRATIN"

As the hot air completely covers the food to be cooked, grilling may be done with the food on rack in the oven. The knob should be switched to position .

The thermostat should be set to **175 °C** and the oven pre-heated.

The food should be placed on a rack in the oven for the required cooking time.

Adding a few dabs of butter before the end of the cooking time gives the golden "au gratin" effect.

It is recommended that you do not grill for longer than 30 minutes at any one time.

ROASTING

To obtain classical roasting, it is necessary to remember:

- that it is advisable to maintain a temperature between 180° and 200 °C.
- that the cooking time depends on the quantity and the type of foods.

USE OF THE GRILL

Preheat the oven for about 5 minutes with the door closed.

Introduce the food to be cooked, positioning the rack as close to the grill as possible.

The dripping pan should be placed under the rack to catch the cooking juices and fats.

Do not grill for longer than 30 minutes at any one time.

Attention: the oven door becomes very hot during operation.

Keep children away.

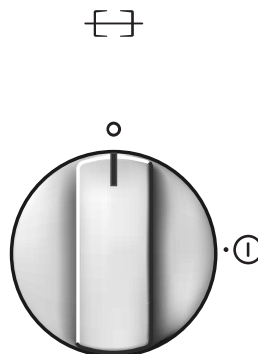
ROTISSERIE (Fig. 31)

This is used for spit roasting under the grill and comprises:

- an electric motor fitted to the rear of the oven
- a stainless steel skewer provided with slide-out heatless handgrip and two sets of adjustable forks
- a skewer support to be fitted in the middle runner.

The rotisserie motor is operated by a switch (Fig. 30).

Figure 30



USE OF THE ROTISSERIE

- Insert the tray into the lowest rack holders of the oven and insert the rod support into the intermediate rack holders.
- Put the meat to be cooked onto the rod, being careful to secure it in the center with the special forks.
- Insert the rod into the side gear opening "P"
- Remove the grip "H" by turning it to the left.
- Insert completely the rotisserie support; the shaft "S" must be inserted in the spit motor collar "G".

The rotation direction of the rotisserie can be either clockwise or counter-clockwise.

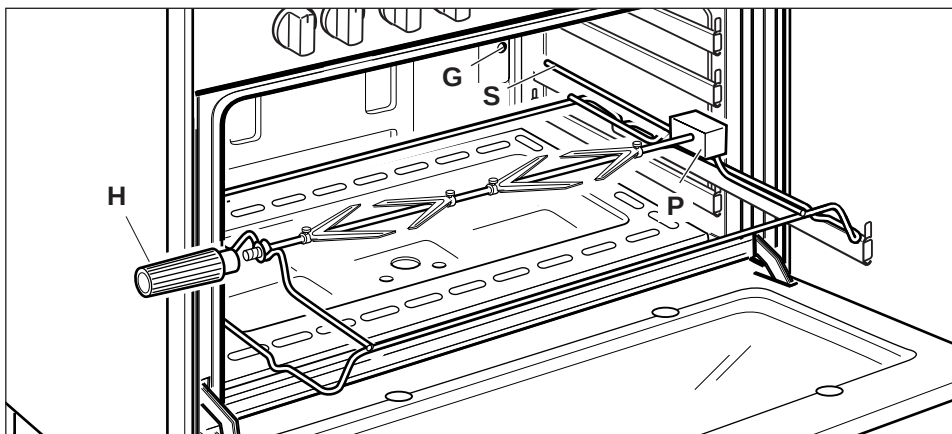
Grilling with the oven door closed.

Do not grill for longer than 30 minutes at any one time.

Attention: the oven door becomes very hot during operation.

Keep children away.

Figure 31



RECOMMENDED COOKING TEMPERATURE

Food	°C	°F	Gas Mark	Shelf Position *	Cooking Time (approx)
CAKES					
Victoria sandwich	190	375	5	2 or 3	20-25 mins
Small cakes/buns	190	375	5	1 and 2	15-20 mins
Maidera cake	180	350	4	2 or 3	20 mins
Fruit cake	170	325	3	3	1 ³ / ₄ hours
Rich fruit cake	150	300	2	3 or 4	2 ¹ / ₂ hours
Scones	225	425	8-9	2	8-10 mins
PASTRY					
Puff	225	425	8-9	2	10-20 mins
Short crust	200	400	6	2	20-30 mins
Plate tarts	200-210	400-410	6	1 or 2	30-35 mins
Quiches and flans	200-210	400-410	6	1 or 2	40-45 mins
YEAST					
Bread loaf	225	425	7-8	2	35-55 mins
Bread rolls	220	425	7	1 or 2	15-20 mins
Pizza dough	230	450	8	2	20 mins
ROAST MEAT					
Beef – Medium	190	375	5	2 or 3	20 mins/lb + 20 mins
Lamb	190	375	5	2 or 3	25-30 mins/b + 25 mins
Pork	190-200	375-400	5-7	2 or 3	30 mins/lb + 30 mins
Veal	190	375	5	2 or 3	30 mins/b + 30 mins
Chicken	190	375	5	2 or 3	30 mins/b + 30 mins
Turkey up to 10lb	180	350	4	2 or 3	18-20 mins/b + 20 mins
Stews/casseroles	150-170	300-325	2-3	2 or 3	1 ¹ / ₂ 2 hours

N.B. For fan ovens reduce the temperature by 10-20°C. For any dish taking one hour or over to cook, reduce the cooking time by 10 minutes per hour.

* Shelf positions have been counted from the top of the oven to the base. A fan oven creates more even temperature throughout, therefore the shelf positions are not as critical.

ELECTRONIC PROGRAMMER

The electronic programmer is a device which groups together the following functions:

- 24 hours clock with illuminated display
- Timer (up to 23 hours and 59 minutes)
- Program for automatic oven cooking
- Program for semi-automatic oven cooking

Description of the buttons:

-  Timer
-  Cooking time
-  End of cooking time
-  Manual position and cancellation of the inserted cooking program
-  Plus function to increase the number shown on the display
-  Minus function to decrease the number shown on the display or to change the buzzer frequency

Description of the illuminated symbols:

AUTO -flashing - Programmer in automatic position but not programmed

AUTO - always illuminated - Programmer in automatic position with program inserted.

 Automatic cooking taking place

 Timer in operation

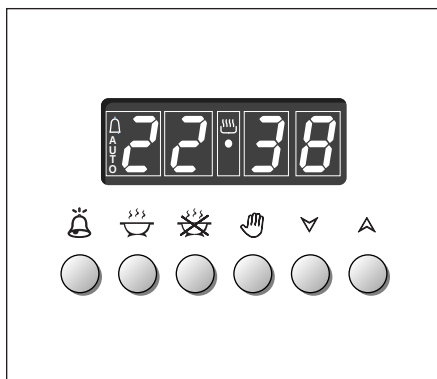
 and **AUTO** - flashing - Program error.
(The time of day lies between the calculated cooking start and end time).

Note:

Select a function by the respective button and, in 5 seconds, set the required time with the  /  buttons ("one-hand" operation).

A power cut makes the clock go to zero and cancels the set programs.

Figure 32



ELECTRONIC CLOCK (fig. 33)

The illuminated figures on the clock represent hours and minutes on 24 hour clock. When first connected, or after a power failure, three zeros will flash on the display. To set the time press the  button and then the  or . Please note that changing the hour button deletes any cooking program.

NORMAL COOKING WITHOUT THE USE OF THE PROGRAMMER

To manually use the oven without the aid of the programmer, it is necessary to cancel the flashing AUTO by pushing the button  (AUTO will be switched off and the symbol  will come on - Fig. 34).
Attention: If the **AUTO** symbol is steady a cooking program has already been programmed, by pushing the button  you have cancelled of the program and the switched to manual.
If the oven is switch on, you must switch off manually.

Figure 33

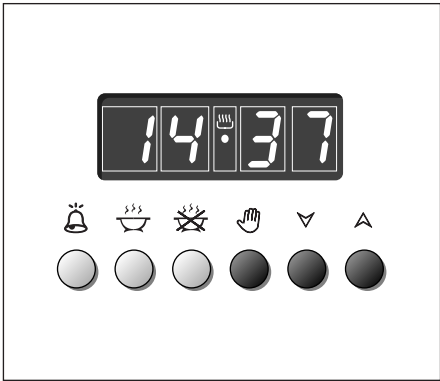
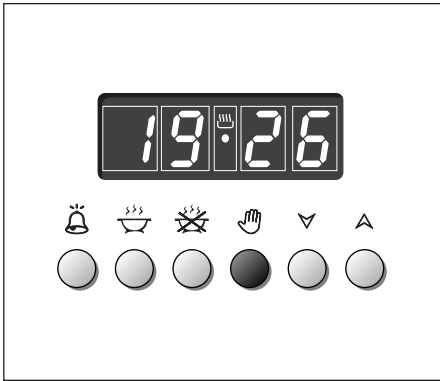


Figure 34



ELECTRONIC TIMER

The timer program consists only of a buzzer which may be set for a maximum period of 23 hours and 59 minutes. If **AUTO** is flashing on the panel, push the  button. To set the time, push the  button and the  or  until you obtain the desired time in the panel (fig. 35).

Having finished the setting, the clock hour will appear on the panel and the  symbol will be lighted.

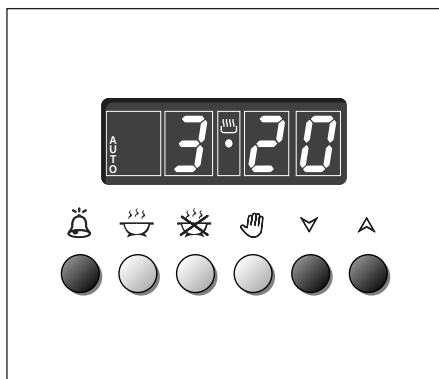
The countdown will start immediately and may be seen at any moment on the panel by simply pressing the button .

At the end of the time, the  symbol will be switched off and an intermittent buzzer will go off; this can be stopped by pressing any of the buttons.

SETTING THE FREQUENCY OF THE AUDIBLE SIGNAL

The selection from 3 possibilities of sound can be made by pressing the  button.

Figure 35



AUTOMATIC OVEN COOKING

To cook food automatically in the oven, it is necessary to:

- 1.Set the length of the cooking time
- 2.Set the end of the cooking time
- 3.Set the temperature and the oven cooking program.

These operations are performed as follows:

- 1.Set the length of the cooking time by pushing the  button and the  button to advance, or  to go back if you have passed the desired time (fig. 36).
The **AUTO** and the  symbol will be on.
- 2.Set the end of the cooking time by pressing the  button (the cooking time already added to the clock time will appear), and the  button (fig. 37); if you pass the desired time you may get back by pushing the  button.
After this setting, the  symbol will go off. If after this setting, the **AUTO** flashes on the panel and a buzzer sounds, it means there was an error in the programming. In this case, modify the end of cooking time or the cooking time itself by following again the mentioned instructions above.
- 3.Set the temperature and the cooking program by using the switch and thermostat knobs of the oven (see specific chapters).

The oven is now set to turn on and off at the programmed times.

During cooking, the  symbol remains on. By pushing the  button you can see the time that remains until the end of cooking.

The cooking program may be cancelled in any time by pushing .

At the end of the cooking time the oven will turn off automatically, the  symbol will turn off, **AUTO** will flash and a buzzer will sound, which can be turned off by pushing any of the buttons.

Turn the temperature and thermostat knobs to zero and set the programmer to “manual” by pressing the .

Attention: A power failure makes the clock go to zero and cancels the set programs. After a power failure, three zeros will flash on the panel.

Figure 36

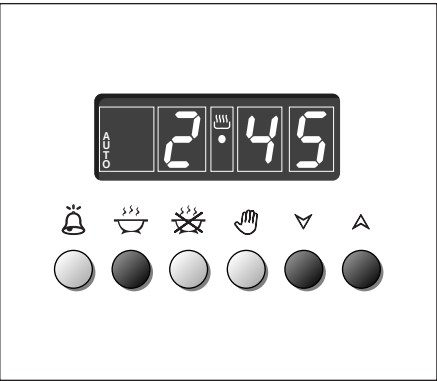
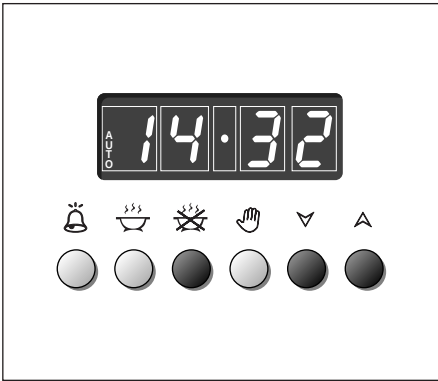


Figure 37



SEMI - AUTOMATIC COOKING

This function is only used to set the END of the cooking time of the oven. There are two ways of setting this function.

1. Set the length of the cooking time by pushing the  button and the  button to advance, or  to go backwards (Fig. 38). This sets the desired "stop" time.

or

2. Set the end of the cooking time by pushing the  button and the  button to advance, or  to go backwards if you have passed the desired time (Fig. 39).

AUTO and the  symbol will be on.

Then set the temperature and the cooking program using the oven switch and thermostat knob (see relevant sections for details).

The oven is switched on and it will be switched off automatically at the end of the desired time.

During cooking, the  symbol remains on and by pressing the button  you can see the time that remains till the end of the cooking.

The cooking time can be cancelled at any time by pushing the  button.

At the end of the cooking, the  symbol will turn off, the **AUTO** will flash and a buzzer will sound. The buzzer can be cancelled by pressing any of the buttons.

Turn the temperature and thermostat knobs to zero and set the programmer to "manual" by pressing the  button.

Figure 38

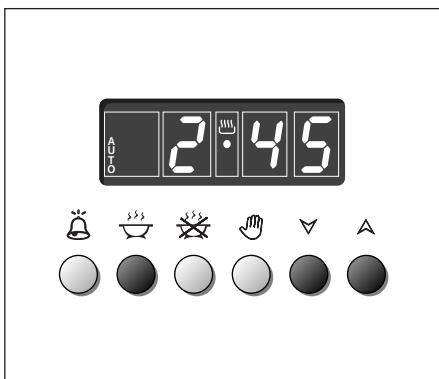
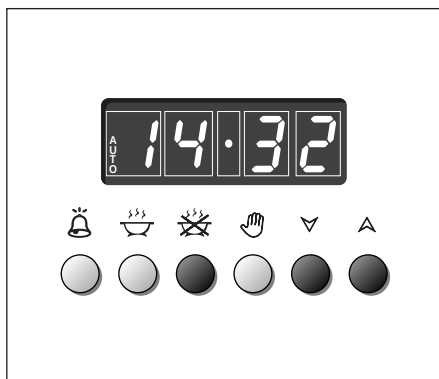


Figure 39



Cleaning and Maintenance

Maintenance Period	Description
Daily	▪ Clean gas cooktop as per instructions below
Monthly	▪ Remove burner caps, burner rings & base and clean using non abrasive detergent & rinse in cold water & dry thoroughly before replacing back on hob ▪ Clean ignitor tip & thermocouple using damp soapy cloth and dry thoroughly
3 - 4 Yearly	▪ Contact your local authorized gas Service Agent to perform a thorough check on all gas components on the gas cooker

GENERAL ADVICE

- **Before you begin cleaning, you must ensure that the appliance is switched off.**
- It is advisable to clean when the appliance is cold and especially when cleaning the enamelled parts.
- Avoid leaving alkaline or acidic substances (lemon juice, vinegar, etc.) on the surfaces.
- Avoid using cleaning products with a chlorine or acidic base.
- **Do not use a steam cleaner because the moisture can get into the appliance thus make it unsafe.**

ENAMELLED PARTS

All of the enamelled parts must be washed only with a sponge and soapy water or with non-abrasive products.

Dry, preferably, with chamois.

STAINLESS STEEL SURFACES

The stainless steel front panels on this cooker (facia, oven door, storage compartment) are protected by a finger-print proof lacquer. To avoid damaging this lacquer, do not clean the stainless steel with abrasive cleaners or abrasive cloths or scouring pads.

ONLY SOAP/WARM WATER MUST BE USED TO CLEAN THE STAINLESS STEEL SURFACES.

OVEN

The oven with smooth enamel must be cleaned after every use, using suitable products. Please note that after using the oven for 30 minutes on the highest temperature eliminates most grime reducing it to ashes.

Do not use abrasive substances to clean the oven.

ADVICE FOR USE AND MAINTENANCE OF CATALYTIC PANELS

The catalytic panels are covered with special microporous enamel which absorbs and does away with oil and fat splashes during normal baking over 200°C.

If, after cooking very fatty foods, the panels remain dirty, operate the oven “idling” on max temperature for about 30 minutes. These panels do not require to be cleaned, however it is advised to periodically remove them from the oven (at least the side panels) and to wash them with tepid soapy water and then wipe off with a soft cloth.

DO NOT CLEAN OR WASH THEM WITH ABRASIVE PRODUCTS OR WITH PRODUCTS CONTAINING ACIDS OR ALKALIS.

The side panels are reversible and when the catalytic microporous enamel degrades, they can be turned to the other side.

GAS TAPS

If the gas taps are not working properly, call our Customer Service Centre to obtain the nearest Authorized Delonghi Service Agent.

GREASE FILTER

- Clean the filter after any cooking! The grease filter can be removed for cleaning and should be washed regularly in hot soapy water (fig. 17).
- Always dry the filter properly before fitting it back into the oven.

GRILL HEATING ELEMENT

The heating element is self-cleaning and does not require maintenance.

REPLACING THE OVEN LIGHT

Before any maintenance is started involving electrical parts of the appliance, it must be disconnected from the power supply.

The bulb must be a type resistant to high temperatures (300° C) voltage 230-240 V (50 Hz), 15 W, E14.

Note: Oven bulb replacement is not covered by your guarantee.

BURNERS

They can be removed and washed only with soapy water. Detergents can be used but must not be abrasive or corrosive.

Do not use abrasive sponges or pads.

Do not put in dishwasher.

After each cleaning, make sure that the burner-caps, as well as the burners, have been well wiped off and **CORRECTLY POSITIONED**.

It is essential to check that the burner flame distributor **F** and the cap **C** has been correctly positioned (see fig. 40) - failure to do so can cause serious problems.

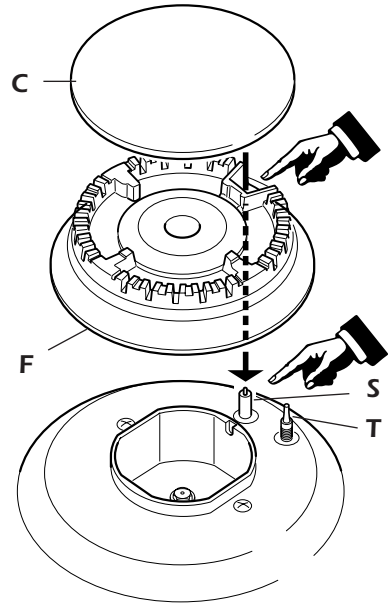
Check that the electrode **S** (fig. 40) is always clean to ensure trouble-free sparking.

Check that the probe **T** (fig. 40) next to each burner is always clean to ensure correct operation of the safety valves. Both the probe and ignition plug must be very carefully cleaned.

Note:

The electrode **S must be very carefully cleaned. To avoid damage to the electric ignition do not use it when the burners are not in place.**

Figure 40



TRIPLE RING BURNER

The triple ring burner must be correctly positioned (see fig. 41); the burner rib must be located in position as shown by the arrow.

The burner correctly positioned must not rotate (fig. 42).

Then position the cap **A** and the ring **B** (fig. 42).

Figure 41

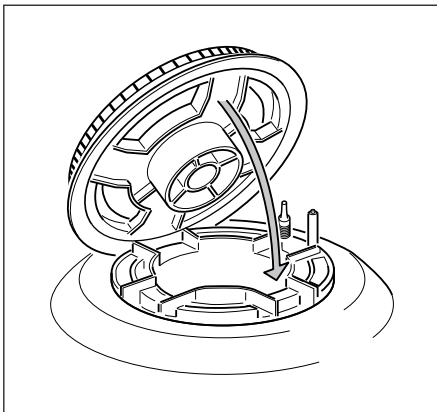
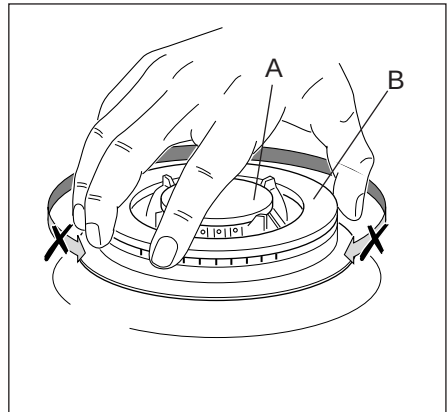


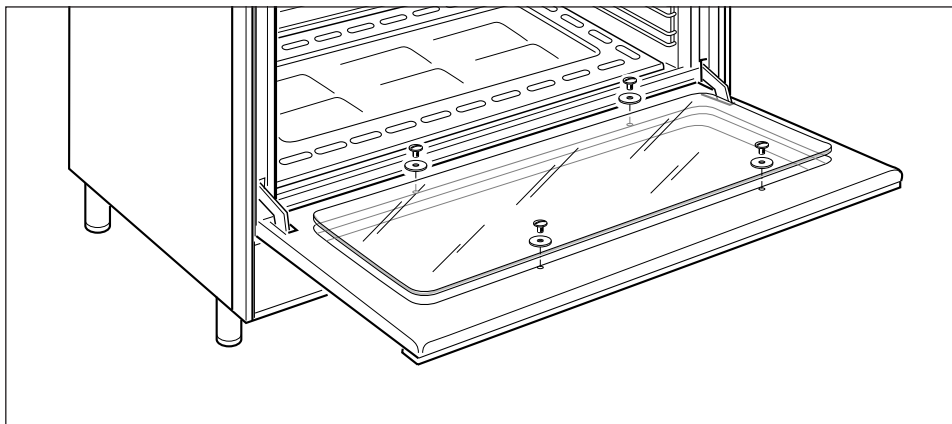
Figure 42



REMOVAL OF THE INNER GLASS DOOR PANEL

- The inner glass door panel can easily be removed for cleaning by unscrewing the four screws (fig. 43).
- When re-assembly ensure that the inner glass is correctly positioned and do not over tighten the screws.

Figure 43

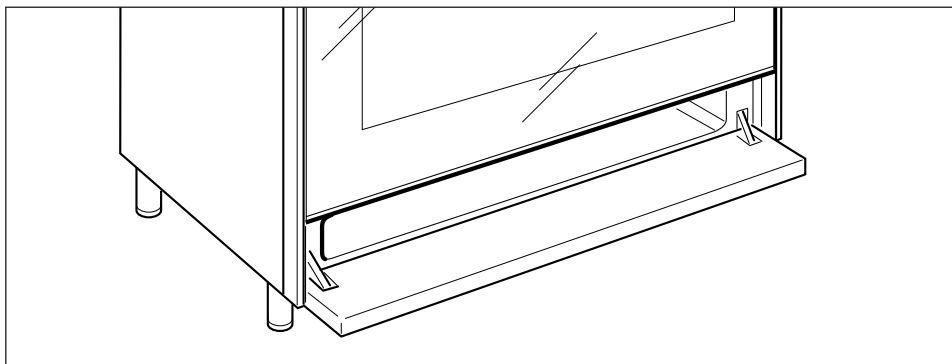


STORAGE COMPARTMENT

- The storage compartment is accessible through the pivoting panel.

Attention: Do not store flammable material in the oven, or the storage compartment.

Figure 44



OVEN TRAY

The oven tray must be placed on its wire shelf support (fig. 45), then correctly insert into the side runners as per Figure 46. For further instructions see page 18.

OVEN FLOOR

The oven floor "F" (fig. 46) can be easily removed to facilitate cleaning. Remember to replace the floor correctly afterwards. Be careful not to confuse the tray "L" with the oven floor "F".

Figure 45

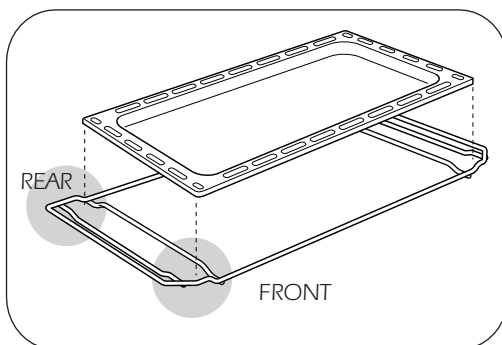
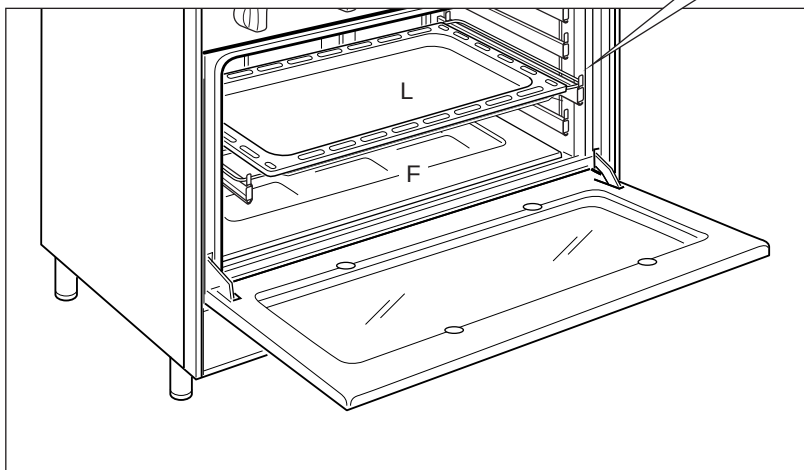


Figure 46



DISMANTLING THE DOOR

Please operate as follows:

- Open the door completely.
- The swivel retainers of the rh and lh hinges (fig. 47a) are hooked onto the metal bar above them (fig. 47b).
- Lift the oven door slightly. The notch on the bottom of the hinge will disengage (fig. 47c).
- Now pull the oven door forwards off the appliance. Release both hinge sections from the slots (fig. 47d).

DOOR ASSEMBLY

- Grip the door (as indicated in figure 47) and refit it in reverse order of removal procedure.

Figure 47

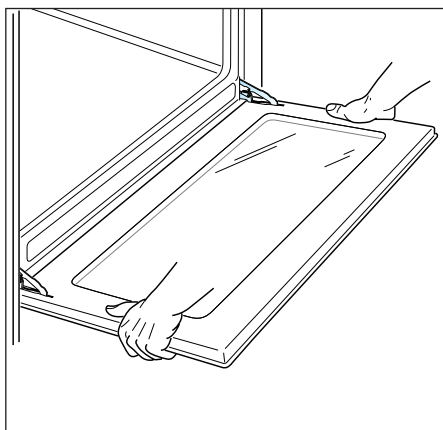


Figure 47a

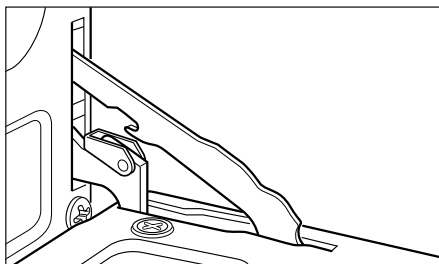


Figure 47b

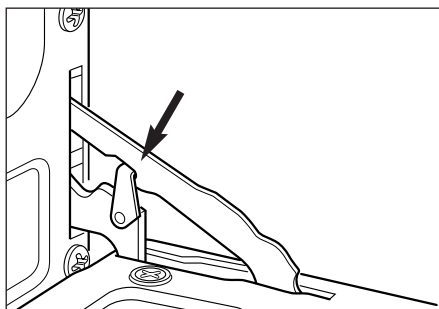


Figure 47c

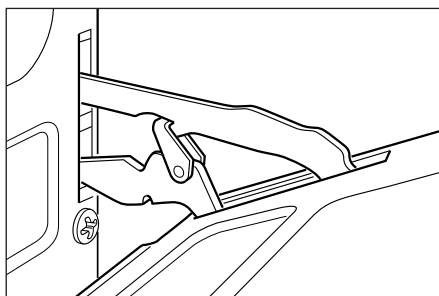
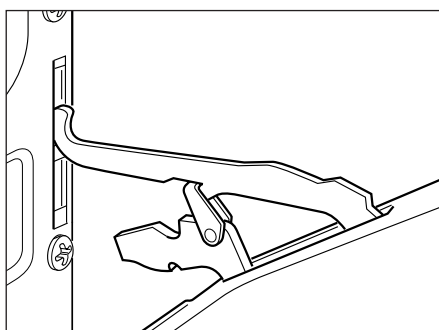


Figure 47d



Service and Maintenance

If the ignition spark fails to ignite or does not light the gas, check the following items before calling our Customer Service Centre to obtain the nearest Authorised Service Agent:

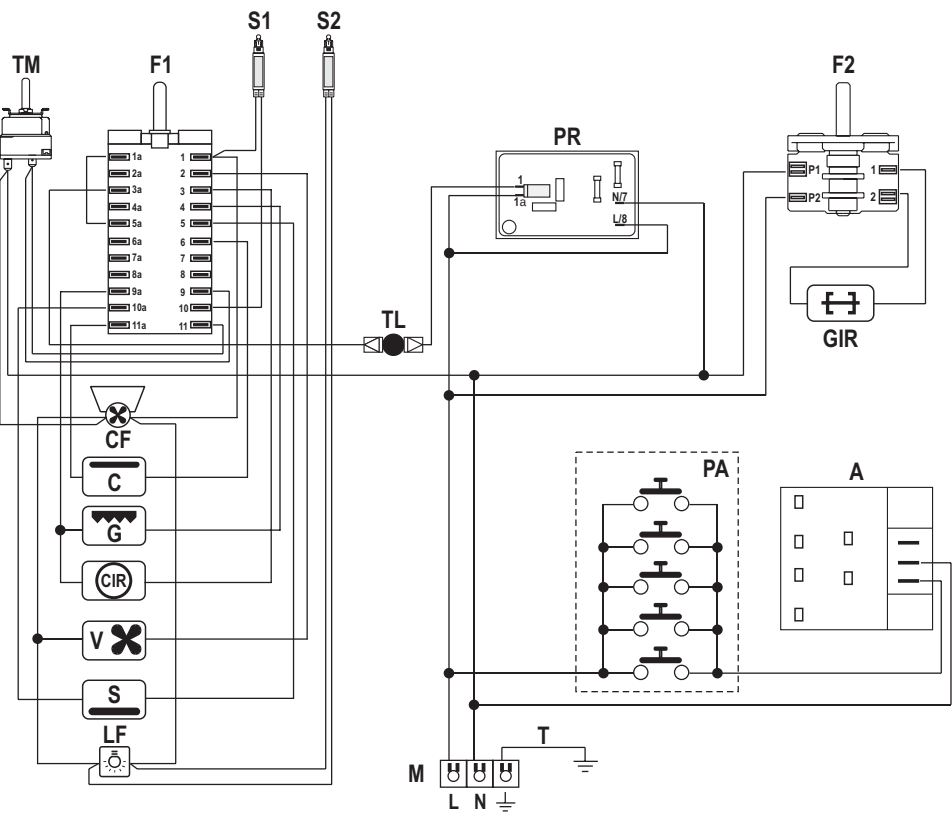
- Burner is reassembled and located correctly.
- Spark electrode and white ceramic are clean and dry.
- 240 VAC power supply is connected.

Contact the local gas utility or our Customer Service Centre to obtain the nearest Authorized Service Agent.

- You can smell gas when all burners are turned on.
- The burners do not remain alight at the minimum marked setting.
- The burner flame is yellow or emits an unusual odour.

Note that a bi-annual inspection of the appliance by an authorized service agent or your local gas utility will ensure many years of trouble free operation of your appliance.

WIRING DIAGRAM



ELECTRIC DIAGRAM KEY

F1	Oven switch	A	Ignition coil
F2	Rotisserie switch	GIR	Rotisserie
TM	Thermostat	TL	Thermal overload
LF	Oven lamp	S1	Thermostat pilot lamp
PR	Oven programmer	M	Terminal block
C	Top element	T	Earth connection
G	Grill element	S2	Line pilot lamp
V	Fan	CF	Cooling fan
S	Bottom element		
CIR	Circular element		
PA	Ignition switches group		

Descriptions and illustrations in this booklet are given as simply indicative. The manufacturer reserves the right, considering the characteristics of the models described here, at any time and without notice, to make eventual necessary modifications for their construction or for commercial needs.

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