



61G
D 61G
gas
COOKERS

INSTALLATION and SERVICE INSTRUCTIONS
USE and CARE INSTRUCTIONS

distributed by **PAREX** Industries 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.

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;
- do not allow children or other incapable people to use the appliance without supervision.

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 accessory drawer.
- 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.
- This appliance shall not be used as a space heater, especially if installed in marine craft or caravans.

INSTALLATION

CAUTION:

- In order to avoid a hazard this appliance must be installed according to these instructions for installation.
- The appliance should be installed by a qualified technician in compliance with AG 601 or NZS 5261.
- Incorrect installation, for which the manufacturer accepts no responsibility, may cause personal injury or 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 plug must be connected to an earthed socket in compliance with safety standards.
- If the appliance is supplied without plug, fit a standard plug which is suitable for the power consumed by the appliance.
- The appliance must be connected directly to the mains placing an omnipolar 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 or socket must always be accessible.
- If the power supply cable is damaged it must be substituted by a suitable cable according to current electrical regulations.

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 NZS 5261 Appendix F1.2 or section S 12 of AG 601.

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 in accordance with the standards noted above. In no case shall the clearance be less than 450mm

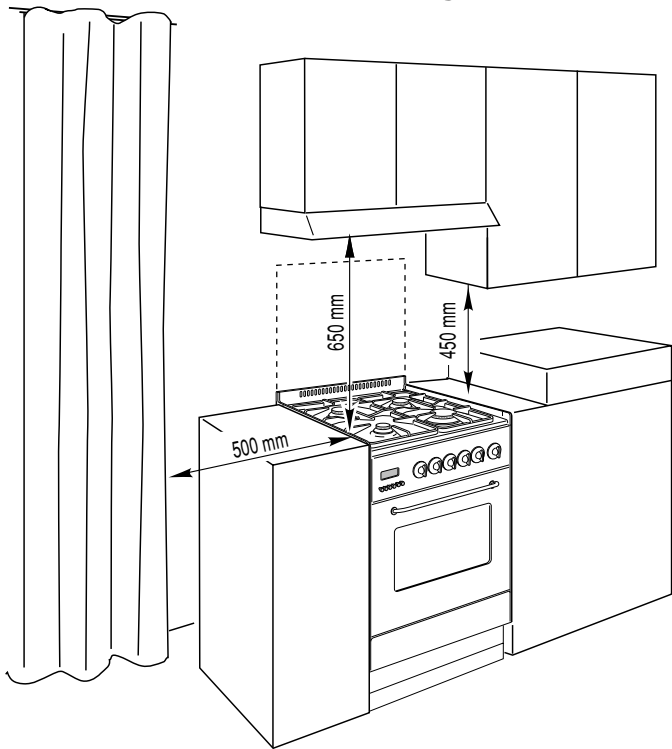
Side Clearances

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

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 50°C above room temperature.

Figure 1

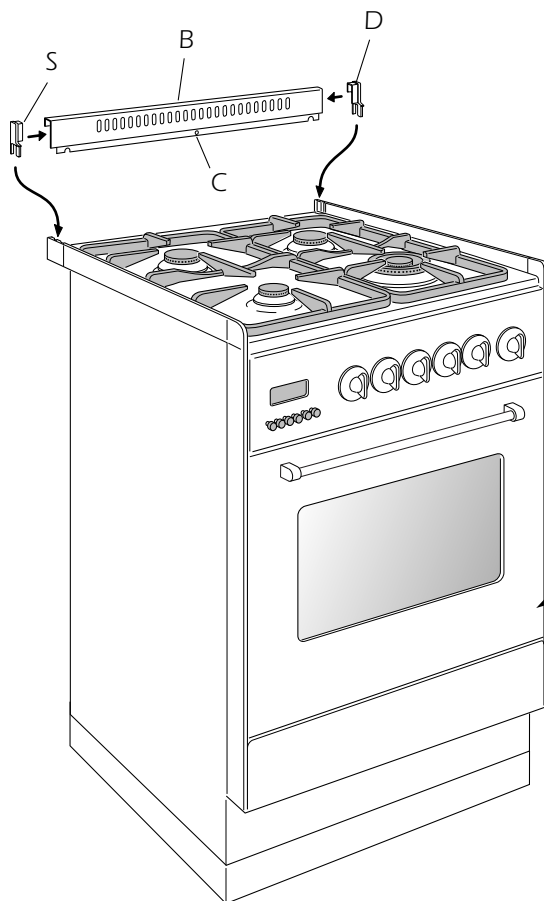


ASSEMBLING THE BACKGUARD - mod. 61 G

Before assembling remove any protective film/adhesive tape.

The backguard B and the side supports S and D can be found packed in the drawer.

1. Insert the side supports S and D into the backguard B (see fig. 2)
2. Insert the backguard group into the support guides in the cooker
3. The backguard can be removed for cleaning or fixed with a screw through the hole C.



Identification label

When you open the bottom oven door the identification label is at the bottom right hand side.



Figure 2

GLASS LID - mod. D 61 G

Do not lower the glass lid when burners are still hot or when the oven is working or still hot.

Do not place hot pans and heavy kitchen utensils on the lid.

Remove any spillages from the surface of the cooker lid before opening.

For cleaning purposes, the lid can be easily removed upwards once taken to the upright position.

Should the hinges slip off, replace them in their housing being careful that:

- The right housing must receive the hinge marked “D” while the left housing must receive the hinge marked “S” (Fig. 3).

ADJUSTING THE LID BALANCE

Lower the lid and check the correct balance. While opened at 45° it should remain in this position.

If necessary, adjust the hinge springs tension using the screws “R” (fig. 3).

Figure 3

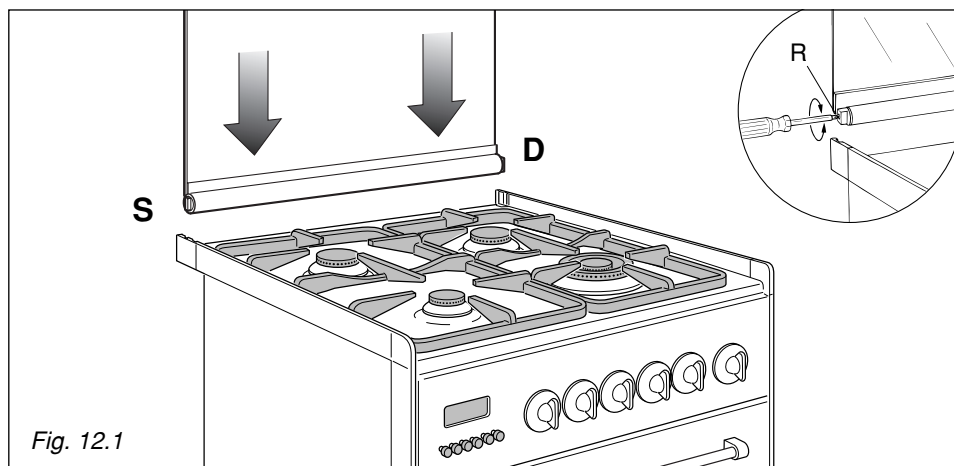


Fig. 12.1

USE and CARE

CAUTION:

- 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.
- 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.

USING THE OVEN FOR THE FIRST TIME

- Slide off the wire racks and the catalytic liners to the oven wall as in Fig. 4. 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. 5).
- Clean the inside of the oven with a cloth soaked in water and neutral detergent and dry thoroughly.
- Slide in the catalytic liners and wire racks on the oven wall as in Fig. 4.



Figure 4

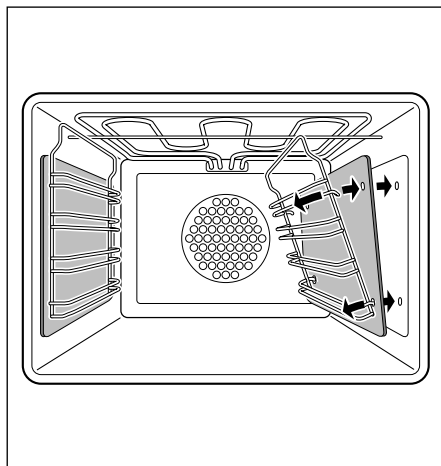
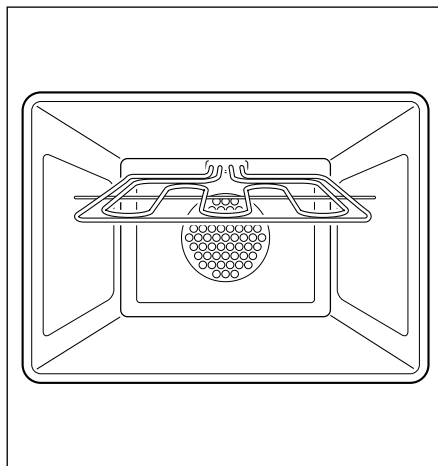


Figure 5



- Slide in the grease filter on the back of the oven as in Fig. 6.
- Position the shelf and tray as per Fig. 7.
- 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.

GREASE FILTER

- A special screen is provided at the back of the oven to catch grease particles, mainly when meat is being roasted (fig. 6).
- When backing 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.

Figure 6

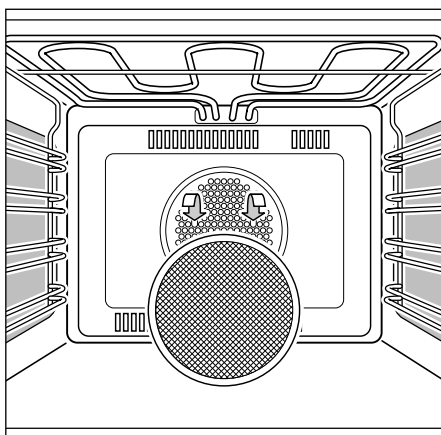
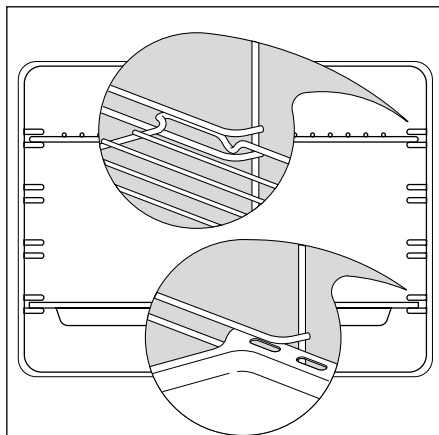


Figure 7



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 8-9).
Conical adaptor and gasket are supplied with the appliance (packed with conversion kit for use with Natural Gas or LPG).
- This appliance is suitable for use with Natural Gas or LPG. (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. Adjust the regulator to obtain a test point pressure of 1 kPa with the two largest burners operating.
- For LPG models connect the gas supply directly to the appliance inlet connection 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 terminal not used must be closed off with the plug and gasket supplied.
- **IMPORTANT:** To screw the connecting tube operate with 2 spanners (side figure 10).

Figure 8

Gas connection for LPG

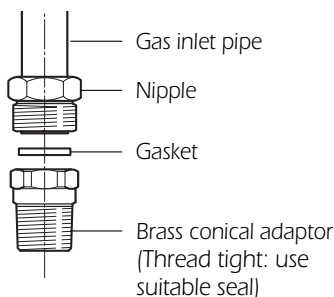
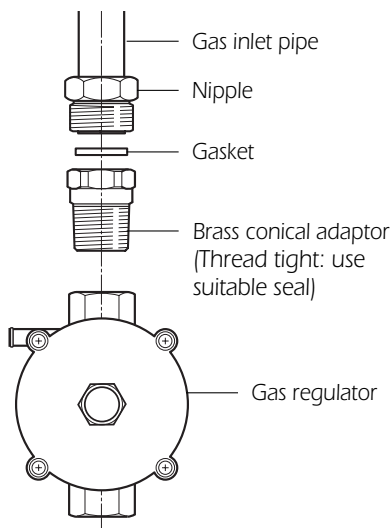


Figure 9

Gas connection for NATURAL GAS



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.
2. Adjust the test point pressure or supply pressure to the value which is appropriate for the gas type.
3. Turn on the appliance gas controls and light each burner. 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.
4. 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 below.
5. If satisfactory performance cannot be obtained isolate the appliance and contact the local gas authority for advice and assistance.

Figure 10

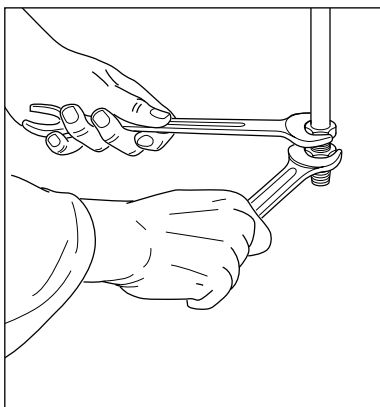
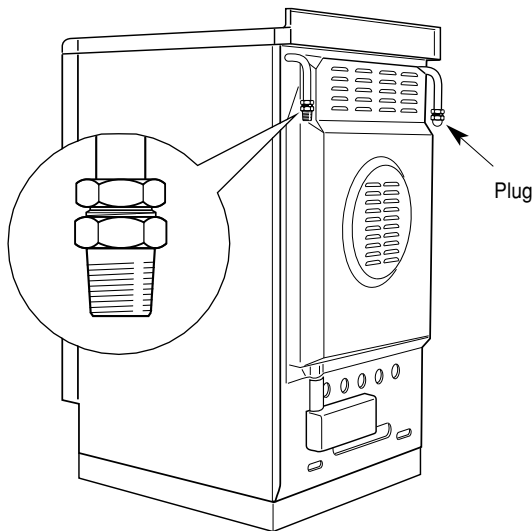


Figure 11

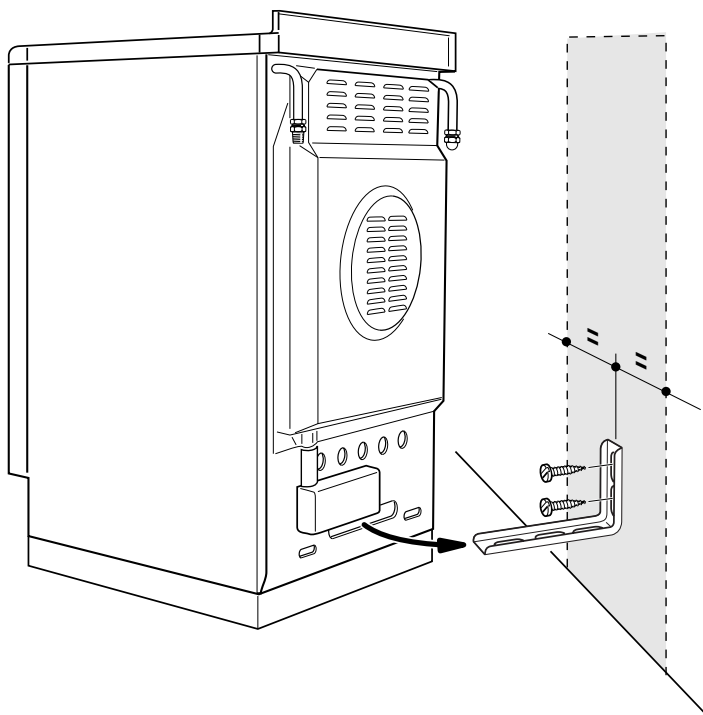


ANTI-TILT BRACKET

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 12



INJECTORS REPLACEMENT

This appliance is suitable for use with natural gas or LPG (check the “gas type” sticker attached to the appliance). The nominal gas consumption and injector size details are provided in table at page 16.

To replace the injectors it is necessary to lift the cooktop and proceed as follows:

- Remove the backguard “G” upward after unscrew the possible screw “V” (mod. **61 G** fig. 13) or remove the lid “A” (mod. **D 61 G** fig. 14).
- Remove pan supports and burners from the cooktop.
- Unscrew the two screws “B” and remove the sockets (Fig. 13 and 14).
- Unscrew the two screws “C” and remove the two side trims and joints pulling upwards.
- Pull forwards the hobtop to release it, then lift following arrow “D” (Fig. 13 and 14).
- Hold the hobtop open by a support (Fig. 15).
- Fully raise the adjusting air tube A (fig. 16) in order to easily reach the injector.
- Using a 7 mm AVF angled spanner, remove the injector from its housing and replace it one according to the kind of gas (see following tables - page 16).

Figure 14

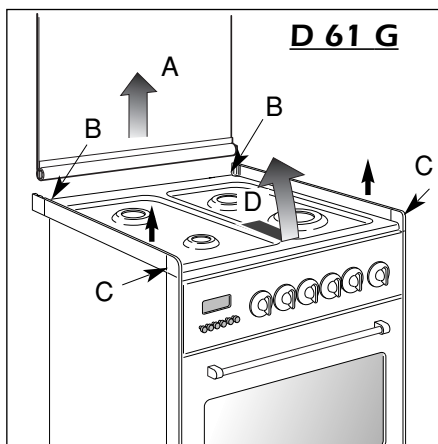


Figure 13

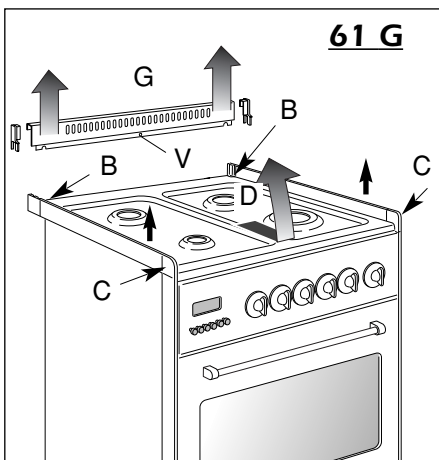
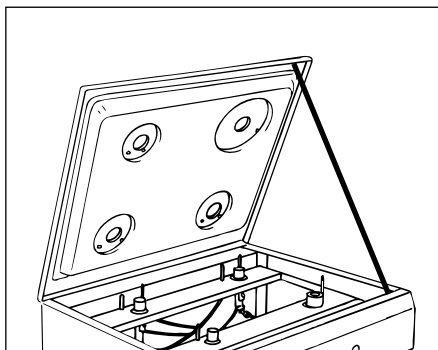


Figure 15

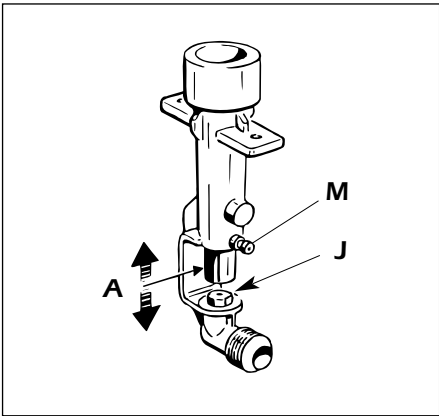


PRIMARY AIR ADJUSTMENT OF THE BURNERS

By operating the screw “M”, reset the air adjuster “A” according to the instructions see “Injector table”, where the distance between injector and air adjuster is recommended (in mm).

Before refixing the hob top, set the burners on their sites and light them in order to check whether the flames are correct, as per the specifications given above. In case of uncorrect flame, lift or lower the air adjuster.

Figure 16



Flame faulty in primary air	Flame correct	Flame with excess primary air
long, yellow and trembling	clear interior blue cone	short and sharp too blue interior cone tending to detach
CAUSE		
air regulating tube, too closed	correct distance of the tube	air regulating tube, too open

MINIMUM BURNER SETTING ADJUSTMENT

In the minimum position the flame must have a length of about 4 mm and must remain lit even when turned quickly from the maximum position to minimum.

The flame adjustment is done in the following way:

- 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. 17) to the correct regulation.

Normally for LPG, the regulation screw is tightened up.

Figure 17

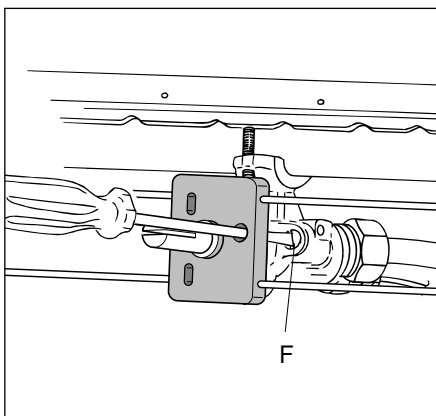


TABLE FOR THE CHOICE OF THE INJECTORS

Test Point Pressure [kPa]			Natural gas 1,0		Propane 2,75	
BURNER	Nominal Power kW	Reduced power kW	Injector Orifice Dia. mm	Primary air shutter opening [mm]	Injector Orifice Dia. mm	Primary air shutter opening [mm]
Auxiliary (A)	0,9	0,25	0,83	1	0,5	3
Semi-rapid (SR)	1,7	0,44	1,15	4	0,67	6
Double ring (DR)	3,4	0,85	1,6	15	0,92	Fully open

INCREASE OF AIR NECESSARY FOR GAS COMBUSTION (2 m³/h x kW)	
BURNERS	Air necessary for combustion [m³/h]
Auxiliary (A)	2,00
Semi-rapid (SR)	3,80
Double ring (DR)	6,90

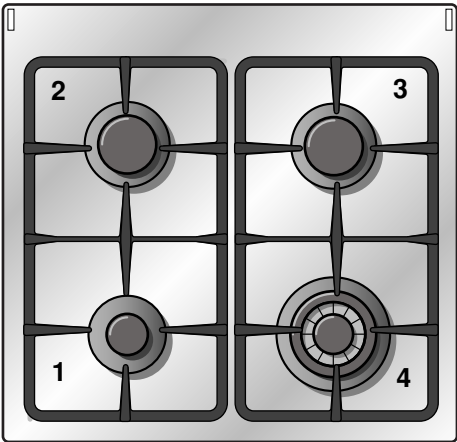
LUBRICATION OF THE GAS TAPS

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.

GAS HOB

Figure 18



GAS BURNERS

	Natural Gas Mj/hr	Propane Mj/hr
1. Auxiliary burner (A)	3,0	3,1
2. Semi-rapid burner (SR)	6,1	5,6
3. Semi-rapid burner (SR)	6,1	5,6
4. Double ring burner (DR)	12,2	10,8

LIGHTING GAS BURNERS

FITTED WITH SAFETY VALVE DEVICE AND ELECTRONIC IGNITION

- 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 burner is controlled by a taps with safety valve device. If the burner flame should go out for some reason, the safety valve will automatically stop the gas flow. The switch of the electric ignition is incorporated in the knobs.

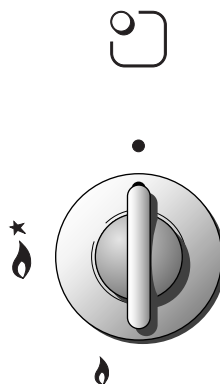


Figure 19

- You control the flow by turning the knob indicator to line up with the following symbols:
 - Symbol ● : tap closed (burner off)
 - Symbol ★
flame : High (maximum)
 - Symbol flame : Low (minimum)
- To ignite automatically, simply push the required knob down and turn it to maximum, keep the knob down until the burner lights. When the flame is lit, wait for about ten second with the knob down (safety valve activation delay).
- You can control the temperature by the knob to “full on” from “reduced rate”.
- 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 will result difficult due to peculiar conditions. If when lighting any of the burners an anormal flame appears, switch that the burner off and relight using the minimum setting.
- If the flame is still different from normal, turn the burner off and consult your 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.

Burners	Pan diameter
Auxiliary	16 cm
Semi-rapid	16 to 22 cm
Double ring	up to 30 cm
Wok	max 36 cm

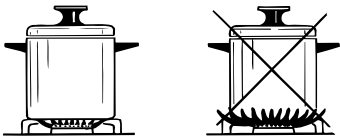


Figure 20

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 DOUBLE-RING BURNER

- The flat-bottomed pans are to be placed directly onto the pan-support.
- To use the WOK you need to place the proper stand in order to avoid any faulty operation of the wok burner.

Figure 21

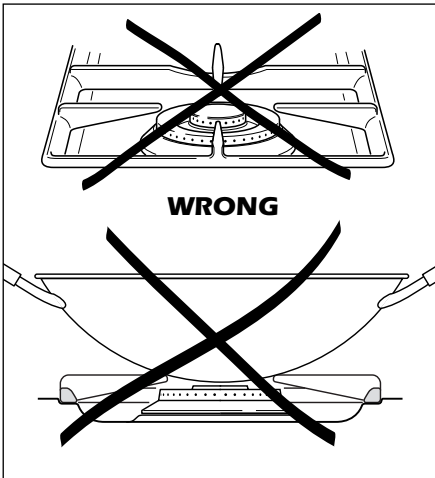
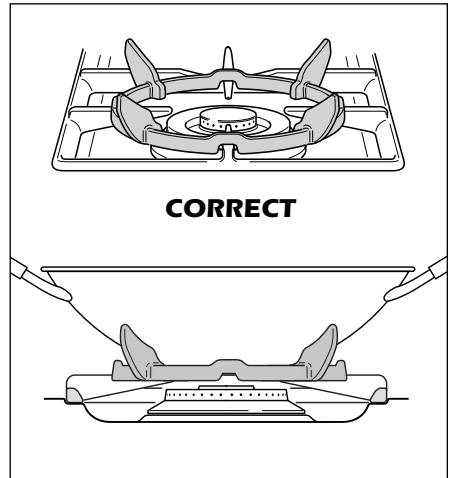
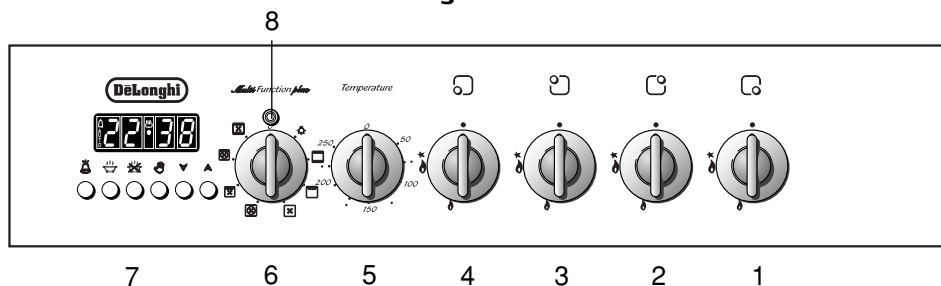


Figure 22



MULTIFUNCTION OVEN

Figure 23



CONTROL PANEL - Controls description

1. Front right burner control knob
2. Rear right burner control knob
3. Rear left burner control knob
4. Front left burner control knob
5. Multifunction oven thermostat knob
6. Multifunction oven switch knob
7. Electronic programmer

Note: The electric ignition of the hob burners is incorporated in the knobs.

Pilot lamp:

8. Oven thermostat indicator light

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.

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 in the oven sucks the air that is contained within the oven housing at the rear of the oven and forced it over the circular heating element. The hot air envelops the food in the oven giving faster and more even cooking before it is sucked 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.

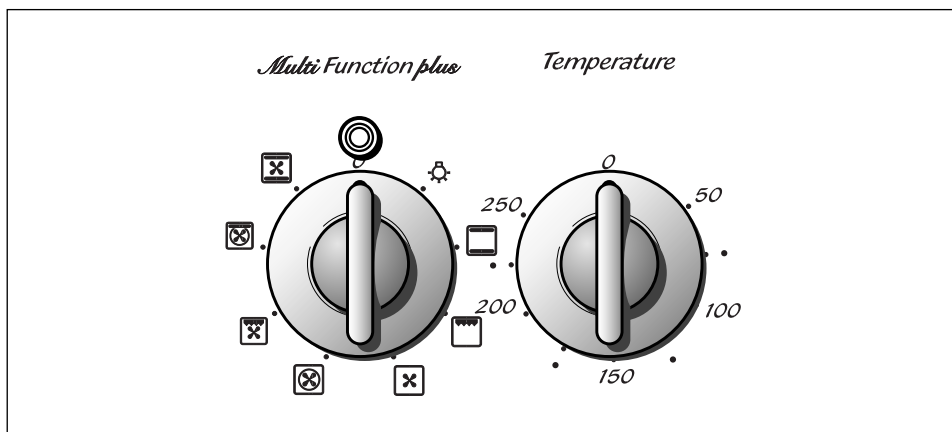
e. by radiat heat and ventilation

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 24



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 250°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 250°C using 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 function knob set to , the thermostat from 50 to 200°C and with the **oven door closed.**

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 "0" - 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 250°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 25).

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 250°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”

Grilling may be done without the roasting jack on position  of the switch, because the hot air completely envelops the food that is to be cooked.

Set the thermostat to position 175°C and after having preheated the oven, simply place the food on the rack. Close the door and let the oven operate with the thermostat on position **175°C**, until grilling is done. 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.

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
-  Advance of the numbers of all programs
-  Turning back of the numbers of all programs and changing the frequency of the audible signal.

Description of the lighted symbols:

AUTO -flashing - Programmer in automatic position but not programmed

AUTO - always lighted - 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 25

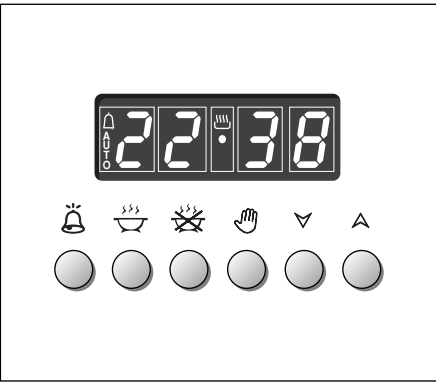
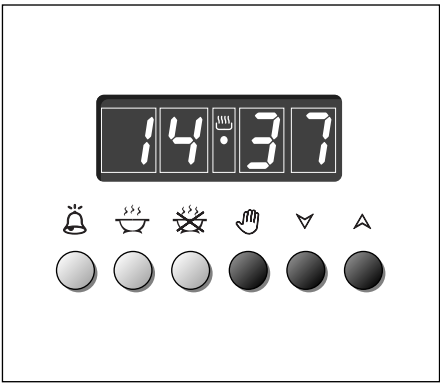


Figure 26



ELECTRONIC CLOCK (fig. 26)

The programmer is equipped with an electronic clock with lighted numbers which indicates hours and minutes.

Upon immediate connection of the oven or after a power cut, three zeros will flash on the programmer panel.

To set the hour it is necessary to push the  button and then the  or  button until you have set the exact hour (fig. 26).

Another way is to simultaneously push the   two buttons and at the same time push the  or  button.

Nota: Changing the hour button deletes any cooking program.

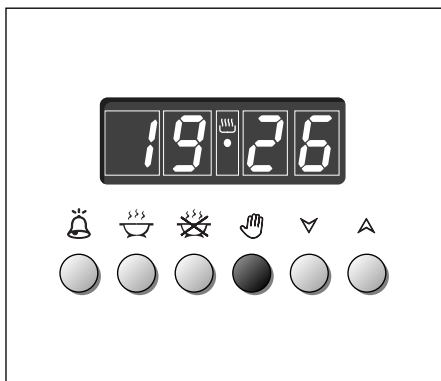
NORMAL COOKING WITHOUT THE USE OF THE PROGRAMMER

To manually use the oven, that is, 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 go on - Fig. 23).

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 27



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 the **AUTO** flashing push the  button.

To set the time, push the  button and the  or  until you obtain the desired time in the panel (fig. 24).

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

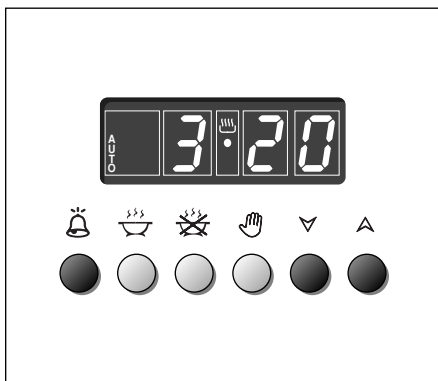
The countdown will start immediately and may be seen at any moment on the panel by simply pressing the button .

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 one of 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 28



**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 done in the following way:

- 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. 29). 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. 26); 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** flash on the panel and a buzzer gives off, 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 above mentioned instructions.

- 3.Set the temperature and the cooking program by using the switch and thermostat knobs of the oven (see specific chapters).

Now the oven is programmed and everything will work automatically, that is the oven will turn on at the right moment to end the cooking at the established hour.

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 moment 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 switch and thermostat knobs to zero and put the programmer onto "manual" by pressing the  button.

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

After a power cut, three zeros will flash on the panel.

Figure 29

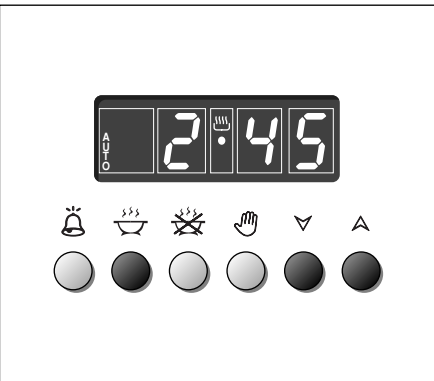
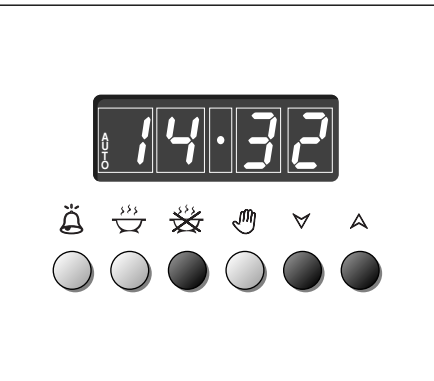


Figure 30



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. 31). 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. 32).

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 moment 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 switch and thermostat knobs to zero and reset the programmer back to "manual" by pressing the  button.

Figure 31

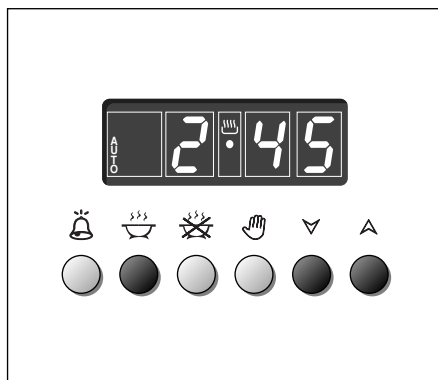
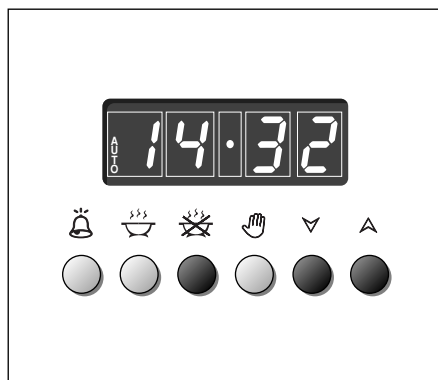


Figure 32



Cleaning and Maintenance

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 deer skin.

STAINLESS STEEL

The stainless steel parts should be rinsed with water and dried with a soft, clean cloth or chamois. In case of difficult spots, use normal non abrasive detergents available on the market or else a little warm vinegar.

CLEANING THE HOB

Spillage on the hob can usually be removed by a damp soapy cloth. More obstinate stains can be removed by rubbing gently with a soapy scouring pad or mild household cleaner.

GAS TAPS

If a tap becomes stiff, do not force; contact your local DeLonghi Service Agent.

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**.

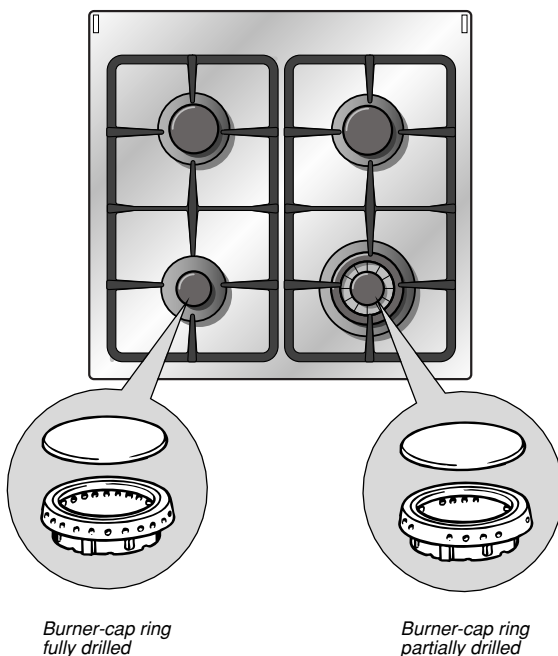
It is essential to check the correct position of the burner-caps as the least displacement from the housing may cause serious problems.

Special attention has to be paid in order not to exchange the housing of the two small burners shown in fig. 33. The burner caps can be interchangeable.

Make sure that the probe of the safety valve, near to each burner, remains clean so that the safety valves can work properly.

Check also that the electrodes for ignition be always clean in order to ensure a regular spark shooting.

Figure 33



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.

GRILL HEATING ELEMENT

- The heating element is self-cleaning and does not require maintenance. 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. 5).

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. 6).
- Always dry the filter properly before fitting it back into the oven.

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).

OVEN DOOR AND DRAWER

The internal glass of the oven door can be easily removed for cleaning by unscrewing the two lateral fixing screws (fig. 34).

The drawer (fig. 35) comes out like a normal drawer.

Attention: Do not store flammable material in the oven, or the accessory drawer.

Figure 34

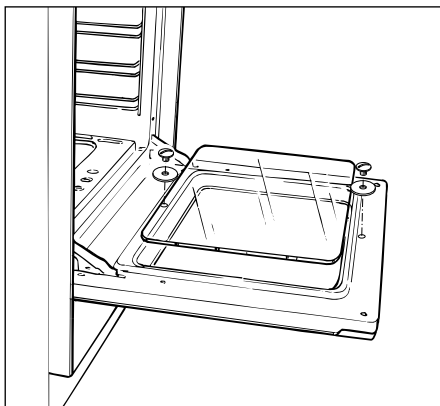
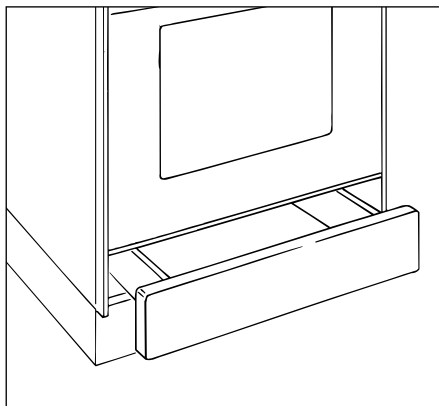


Figure 35



REMOVING THE OVEN DOOR

The oven door can easily be removed as follows:

- Open the door to the full extent (fig. 37).
- Attach the retaining rings to the hooks on the left and right hinges (fig. 38).
- Hold the door as shown in fig. 36.
- Gently close the door and withdraw the lower hinge pins from their location (fig. 39).
- Withdraw the upper hinge pins from their location (fig. 40).
- Rest the door on a soft surface.
- To replace the door, repeat the above steps in reverse order.

Figure 37

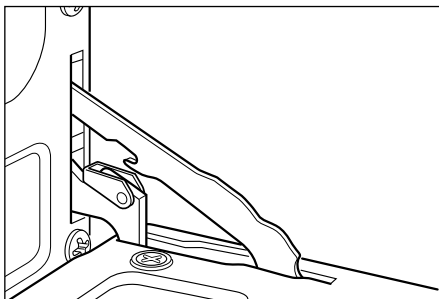


Figure 38

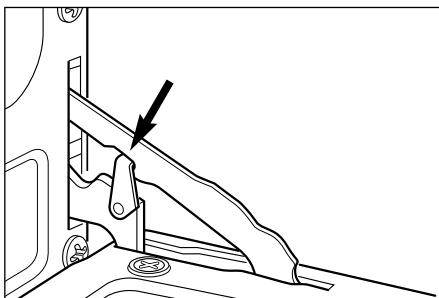


Figure 39

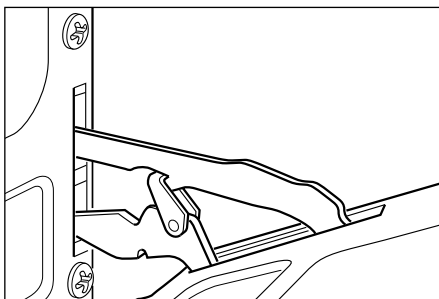


Figure 40

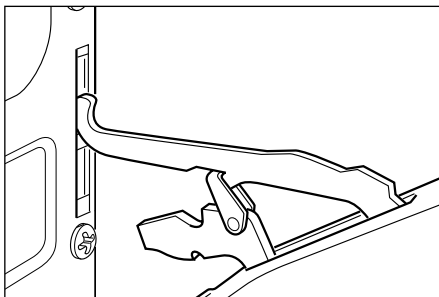
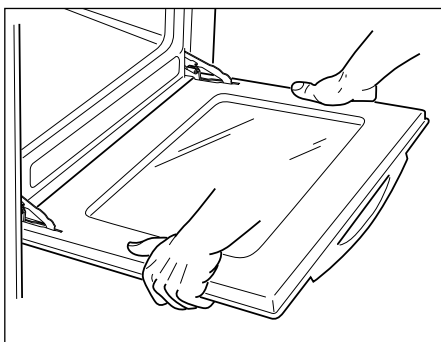


Figure 36

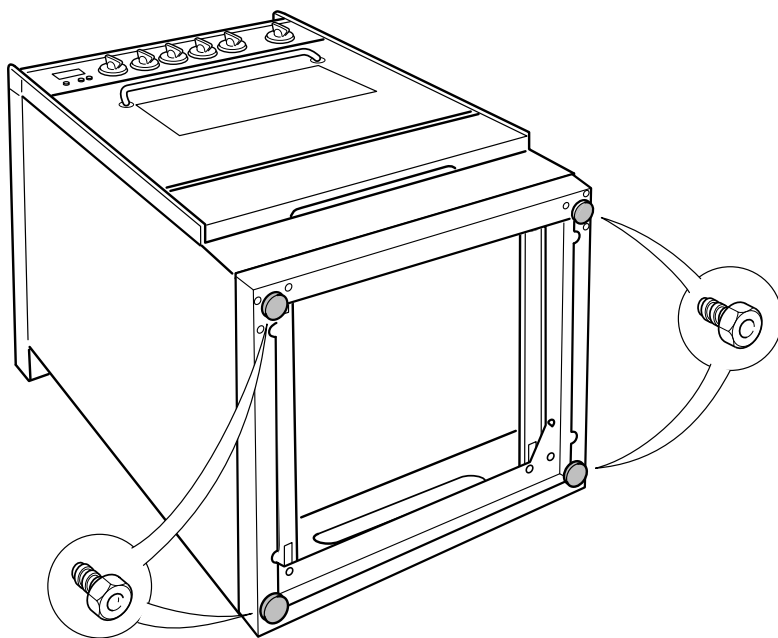


LEVELLING

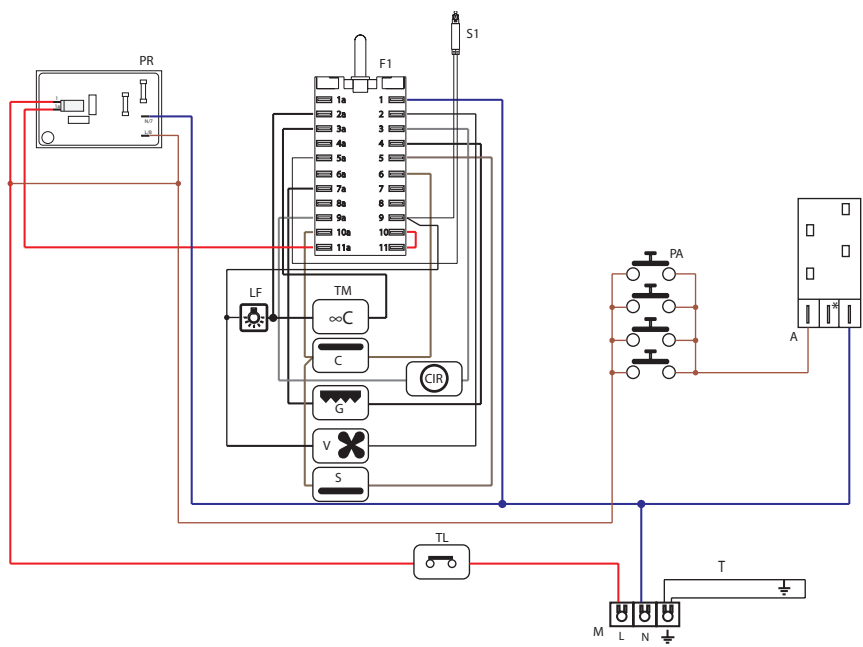
The cooker is equipped with a 4 levelling feet which must be fitted to the base of the cooker in the following manner:

- Place the cooker on its back as shown in the figure 41.
- Screw the 4 leveling feet to the cooker.
- Stand the cooker and levelling it by screwing or unscrewing the feet with a spanner.

Figure 41



WIRING DIAGRAM



Cod. 1131156

ELECTRIC DIAGRAM KEY

- F1 Oven switch
- TM Oven thermostat
- PR Electronic clock/End cooking timer
- S1 Thermostat pilot lamp
- LF Oven lamp
- C Top element
- G Grill element
- V Fan
- S Bottom element
- TL Thermolimiter
- CIR Circular element
- PA Ignition switches
- A Ignition coil
- M Terminal block
- T Earth plant

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.

Rif. 1473 Ø15

