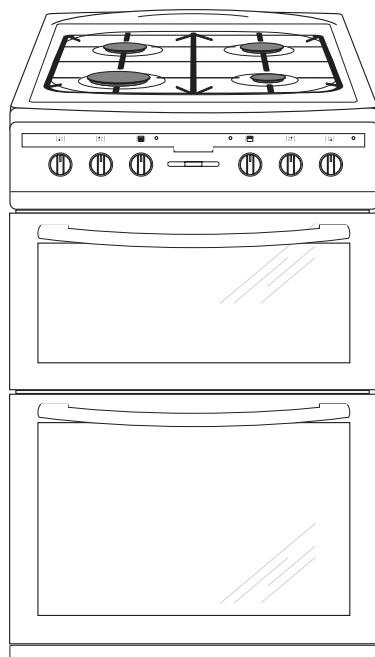


AFD6450BL



# INSTRUCTION MANUAL

GAS-ELECTRIC COOKER  
DOUBLE OVEN



IO-CFS-0721 / 8500111  
(03.2018 / v1)

## DEAR CUSTOMER,

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*The cooker is exceptionally easy to use and extremely efficient. After reading the instruction manual, operating the cooker will be easy.*

*Before being packaged and leaving the manufacturer, the cooker was thoroughly checked with regard to safety and functionality.*

*Before using the appliance, please read the instruction manual carefully.*

*By following these instructions carefully you will be able to avoid any problems in using the appliance.*

*It is important to keep the instruction manual and store it in a safe place so that it can be consulted at any time.*

*It is necessary to follow the instructions in the manual carefully in order to avoid possible accidents.*



### **Caution!**

*Do not use the cooker until you have read this instruction manual.*

*The cooker is intended for household use only.*

*The manufacturer reserves the right to introduce changes which do not affect the operation of the appliance.*

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## SAFETY INSTRUCTIONS

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**Warning:** The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements. Children less than 8 years of age shall be kept away unless continuously supervised.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

**Warning:** Unattended cooking on a hob with fat or oil can be dangerous and may result in fire.

NEVER try to extinguish a fire with water, but switch off the appliance and then cover flame e.g. with a lid or a fire blanket.

**Warning:** Danger of fire: do not store items on the cooking surfaces.

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

Accessible parts may become hot during use. Young children should be kept away.

**Warning:** Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.

## SAFETY INSTRUCTIONS

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**Warning:** Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock.

Before opening the cover, cleaning it of any dirt is recommended. The cooker hob surface should be cooled down before closing the cover.

You should not use steam cleaning devices to clean the appliance.

- Please pay attention to children whilst the cooker is in operation, as children do not know the rules of cooker use. In particular, hot surface burners, the oven chamber, grates, the door pane, and pans containing hot liquids standing on the hob may cause burns to children.
- Mind that electrical connection leads from other home appliances (e.g. of a food mixer) do not touch hot parts of the cooker.
- Do not place flammable material into the drawer whilst using the oven, as it may catch a fire.
- Do not leave the cooker unattended when frying. Oils and fats may catch fire due to overheating.
- At the point of boiling, mind to avoid spills on the burner.
- If the cooker is damaged, it may be used again only after the fault has been fixed by a specialist.
- Do not open the tap on the gas connection or cylinder valve before checking that all burner knobs are closed.
- Do not allow the burners to be soiled or liquids to spill on the burners. If soiled, clean and dry burners immediately after they have cooled down.
- Do not put pans directly onto burners.
- Do not place pans with a weight greater than 10 kg onto the grate over one burner, or pans with a total weight of over 40 kg on the whole grate.
- Do not hit the knobs and burners.
- Do not put objects with a weight greater than 15 kg onto the open oven door.
- Alterations and repairs carried out by an unqualified person are not allowed.

## SAFETY INSTRUCTIONS

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- Do not open the cooker knobs before already having a lighted match or a gas lighter in your hand.
- Do not put out a burner flame by blowing.
- A glass cover may crack when heated. Switch off all the burners before lowering the cover. (Cookers with a glass cover).
- Do not make your own alterations to the cooker in order to adapt it to a different type of gas, move the cooker to another place or make changes to the power supply. These operations may only be carried out by an authorised electrician or fitter.
- Do not use harsh cleaning agents or sharp metal objects to clean the door as they can scratch the surface, which could then result in the glass cracking.
- Keep young children and people not acquainted with the instruction manual away from the cooker.
- IN CASE OF ANY SUSPICION OF GAS LEAKAGE YOU MUST NOT:  
light matches, smoke cigarettes, switch electrical receivers (door bell or light switch) on and off, or use other electric and mechanical devices that create electrical or percussive sparks. In such a case, immediately close the cylinder valve or tap cutting off gas supply, air the room, and then call a person authorised to repair the source of the leakage.
- In the event of any incident caused by a technical fault, disconnect the power (applying the above rule) and report the fault to the service centre to be repaired.
- Do not attach any antenna cords (e.g. radio) to the gas supply.
- In a case of gas escaping from leaky piping and catching fire, close gas supply immediately using a cutting-off valve.
- In a case of gas escaping from a leaky cylinder and catching fire: throw a wet blanket over the cylinder to cool it down and turn off the cylinder valve. After it has cooled down, take the cylinder out to an open space. Do not use the damaged cylinder.
- When the cooker is not to be used for several days, close the main valve on the gas piping; when using a gas cylinder, close it after each use.
- Using the appliance for cooking and baking results in the emission of heat and moisture in the room in which it is installed. Make sure that kitchen is well ventilated. Natural ventilation openings or forced mechanical ventilation (exhaust hood) should be available.
- Prolonged intensive use of the appliance may require additional ventilation, for example, opening a window or a more effective ventilation, such as increasing efficiency of mechanical ventilation, if applicable.
- The appliance has been designed only for cooking. Any other use (for example for heating) does not comply with its operating profile and may cause danger.

# SAFETY INSTRUCTIONS

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## GAS & ELECTRICAL CONNECTION

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

In your own interest, and that of safety, it is the law that all gas appliances be installed by competent persons, who will ensure that the installation is in accordance with „The Gas Safety (Installation & Use) Regulations 1994“, & the „The Gas Safety (Installation & Use) (Amendment) Regulations 1996“. Failure to comply with these Regulations is a criminal offence. GAS SAFE registered installers undertake to work to satisfactory standards. Disconnection of gas and electric appliances should always be carried out by competent persons.

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

## MOVING THE COOKER

Do not attempt to move the cooker by pulling on the doors or handles. Open the door and grasp the frame of the cooker, taking care that the door does not shut on your fingers.

Take care to avoid damage to soft or uneven floor coverings when moving the appliance. Some cushioned vinyl floor coverings may not be designed to withstand sliding appliances without marking or damage.

## VENTILATION

The use of a gas cooking appliance results in the production of heat and moisture in the room in which it is installed. Ensure that the kitchen is well ventilated: keep natural ventilation holes open or install a mechanical ventilation device (mechanical extractor hood). Prolonged intensive use of the appliance may call for additional ventilation, for example, opening of a window, or more effective ventilation, for example increasing the level of mechanical ventilation where present.

## HOW TO SAVE ENERGY

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Using energy in a responsible way not only saves money but also helps the environment. So let's save energy! And this is how you can do it:

- **Use proper pans for cooking.**

A saucepan should never be smaller than a burner crown.

Always remember to cover and pans.

- **Ensure burners, the grate the hob are clean.**

Soils can prevent heat transfer – and repeatedly burnt-on spillages can often only be removed by products which cause damage to the environment.

In particular, ensure that flame openings in the rings under caps, and openings of burner nozzles are clean.

- **Do not uncover the pan too often (a watched pot never boils!).**

Do not open the oven door unnecessarily often.

- **Only use the oven when cooking larger dishes.**

Meat of up to 1 kg can be prepared more economically in a pan on the cooker burner.

- **Make use of residual heat from the oven.**

If the cooking time is greater than 40 minutes it is recommended to switch off the oven 10 minutes before the end time.

- **Make sure the oven door is properly closed.**

Heat can leak through spillages on the door seals. Clean up any spillages immediately.

- **Do not install the cooker in the direct vicinity of refrigerators/freezers.**

Otherwise energy consumption increases unnecessarily.



## UNPACKING



During transportation, protective packaging was used to protect the appliance against any damage. After unpacking, please dispose of all elements of packaging in a way that will

not cause damage to the environment.

All materials used for packaging the appliance are environmentally friendly; they are 100% recyclable and are marked with the appropriate symbol.

Caution! During unpacking, the packaging materials (polythene bags, polystyrene pieces, etc.) should be kept out of reach of children.

## DISPOSAL OF THE APPLIANCE



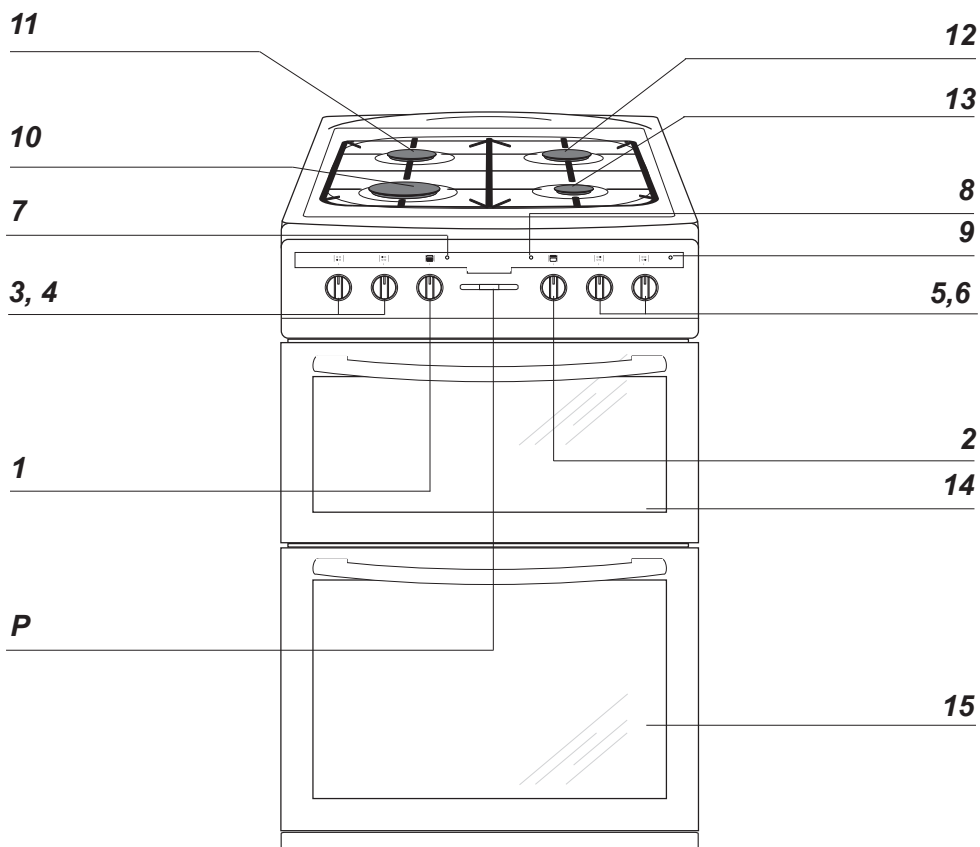
Old appliances should not simply be disposed of with normal household waste, but should be delivered to a collection and recycling centre for electric and electronic equipment. A symbol

shown on the product, the instruction manual or the packaging shows that it is suitable for recycling.

Materials used inside the appliance are recyclable and are labelled with information concerning this. By recycling materials or other parts from used devices you are making a significant contribution to the protection of our environment.

Information on appropriate disposal centres for used devices can be provided by your local authority.

# DESCRIPTION OF THE APPLIANCE



**P** Electronic programmer

**1** Temperature control knob - main oven

**2** Temperature control knob - top oven

**3, 4, 5, 6** Gas burner control knobs

**7** Red thermostat light - main oven

**8** Red thermostat light - top oven

**9** Yellow operation light

**10** Large burner

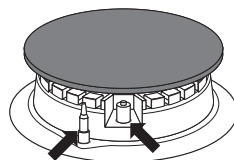
**11** Medium burner

**12** Medium burner

**13** Small burner

**14** Top oven door

**15** Main oven door



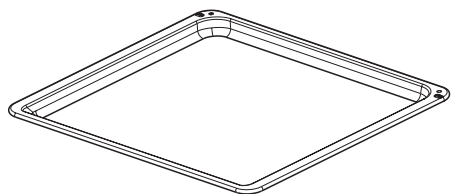
Burner safety valve

Spark ignitor

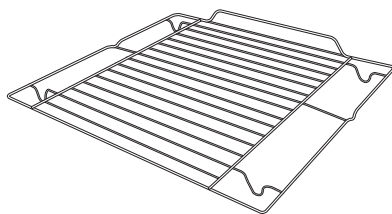
## SPECIFICATIONS OF THE APPLIANCE

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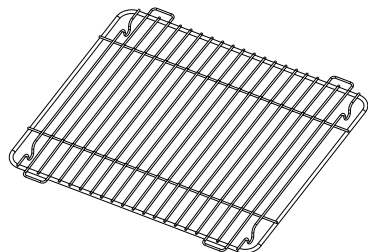
Cooker fittings:



*Baking tray*

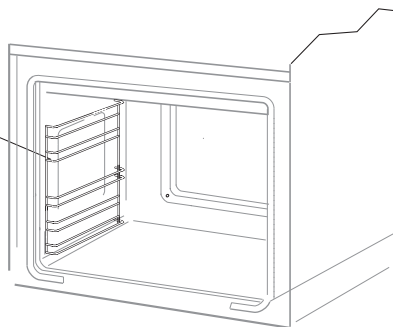


*Wire Shelf*



*Grill Rack*

*Sideracks*



\*All images are for indication only; please refer to your individual unit for actual item.

# INSTALLATION

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

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

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

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

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

## In the UK the regulations and standards are as follows:

1. Gas Safety Regulations 1996 (Installation and Use).
2. Building Regulations - Issued by the Department of the Environment.
3. Building Standards (Scotland) (Consolidated) - Issued by the Scottish Development Department.
4. The current I.E.E. Wiring Regulations.
5. Electricity at Work Regulations 1989.
6. BS 6172 Installation of Domestic Gas cooking Appliances.
7. Installation & Servicing Instructions for this appliance.

For installation in countries other than the UK, the appliance must be connected in accordance with all local gas and electrical regulations.

## Ventilation Requirements

The room containing the appliance should have an air supply in accordance with BS5440: Part2: 1989:

- All rooms require an openable window, or equivalent, and some rooms will require a permanent vent as well.
- For room volumes up to 5m<sup>3</sup> an air vent of 100cm<sup>2</sup> is required.
- If the room has a door that opens directly to the outside, or the room exceeds 10m<sup>3</sup>, NO AIR VENT is required.
- For room volumes between 5m<sup>3</sup> and 10m<sup>3</sup> an air vent of 50cm<sup>2</sup> is required.
- If there are other fuel burning appliances in the same room, BS 5440: Part 2: 1989 should be consulted to determine the air vent requirements.
- This appliance must not be installed in a bed sitting room of less than 20m<sup>3</sup> or in a bathroom or shower room. Windows and permanent vents should therefore not be blocked or removed without first consulting a GAS SAFE gas installer.

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

## Important:

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

Please note that the weight of this appliance is approximately 40kg (unpacked). Take care if the appliance needs to be lifted during installation - always use an appropriate method of lifting.

# INSTALLATION

## Clearances

No shelf or overhang or cooker hood should be closer than a minimum of 650mm, but check with cooker hood manufacturer's recommendations.

The cooker must have a side clearance above hob level of 90mm up to a height of 400mm.

Check that there are no projections in the rear wall which will prevent the lid (where fitted) being raised to the vertical position.

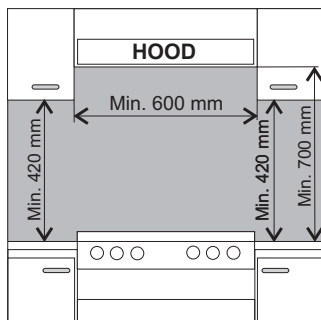
This cooker may be fitted flush to base units. However, for models with side opening doors, we recommend a side clearance of 60mm between the cooker and any side wall.

This is a type X appliance regarding installation requirements.

## Important:

Ensure that you route all mains cables well clear of any adjacent heat source.

The cooker should stand on a hard, even floor (do not put it on a base).



## Levelling

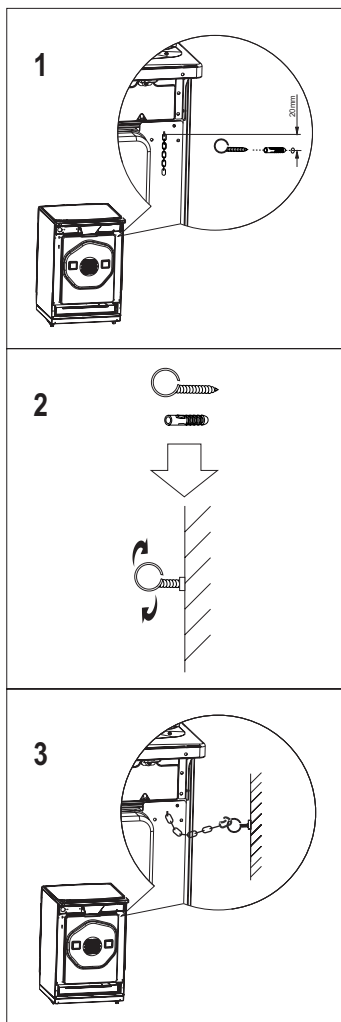
Before you start using the cooker it should be leveled, which is particularly important for fat distribution in a frying pan. To this purpose, adjustable feet are accessible after removal of the drawer. The adjustment range is  $\pm 5$  mm.

## Anti-tilt protection

**CAUTION!** You must install the anti-tilt protection. If you do not install it, the appliance can tilt.

The appliance must be secured by using the safety chain (supplied and mounted to cooker rear).

Fasten hook to the kitchen wall and connect safety chain to the hook.



# INSTALLATION

## Connect to the electricity supply

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

- The cooker is manufactured to work with a one-phase alternating current (220-240V~50 Hz) and is equipped with a 3 x 1,5 mm<sup>2</sup> connection lead of 1.5 mm length with a plug including a protection contact.
- A connection socket for electricity supply should be equipped with a protection pin and may not be located above the cooker. After the cooker is positioned, it is necessary to make the connection socket accessible to the user.
- Before connecting the cooker to the socket, check if:
  - the fuse and electricity supply are able to withstand the cooker load,
  - the electricity supply is equipped with an efficacious ground system which meets the requirements of current standards and provisions,
  - the plug is within easy reach.

### Important:

If the fixed power supply cable is damaged, it should be replaced at the manufacturer or at an authorized servicing outlet, or by a qualified person to avoid danger.

## Connect to the gas supply

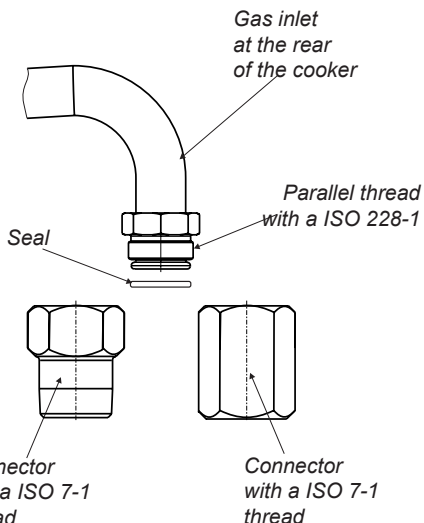
The inlet to the cooker is 1/2" BSP internal situated at the rear corner.

Fit the bayonet connection. This should be located so as to ensure that the flexible connector hose does not kink.

Use a 900-1125mm length of flexible connector.

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

Flexible connections should comply with BS 669. Parts of the appliance likely to come into contact with a flexible connector have a temperature rise of less than 70°C.



**After installation, make sure all connections are gas sound.**

### Adapting the cooker to another type of gas.

This operation may only be carried out by an appropriately authorised fitter.

If the gas the cooker is to be supplied with differs from the gas provided for the cooker by the manufacturer, burner nozzles must be exchanged and the flame needs to be adjusted.

In order to adapt the cooker to burn a different type of gas, you should:

- exchange nozzles (see tables below),
- adjust the "economical" flame.

### Warning:

The cookers provided by the manufacturer have burners which are factory-adapted to use the gas specified on their data plates.

# INSTALLATION

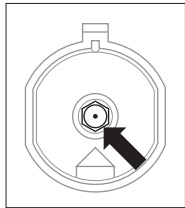
Injector Size Table

Type of gas	Burners		
	small gas injector diameter [mm]	medium gas injector diameter [mm]	large gas injector diameter [mm]
	nominal thermal power 1,00 kW	nominal thermal power 1,75 kW	nominal thermal power 3,00 kW
G20 2H 20 mbar	0,77	0,97	1,29
G30/31 3+ 28-30 /37mbar	0,50	0,65	0,87

## The procedure for changing the gas type

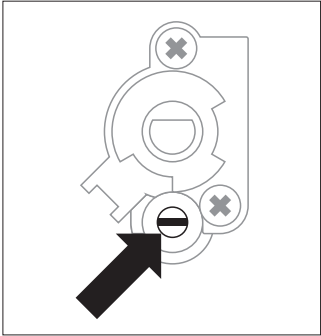
Burner	Flame	Conversion from LPG to natural gas	Conversion from natural gas to LPG
Hob	full flame	1.Replace burner nozzle with the appropriate nozzle according to the table.	1.Replace burner nozzle with the appropriate nozzle according to the table.
	small flame	2.Gently tighten the adjusting screw and check the flame size.	2.Gently tighten the adjusting screw and check the flame size.

Surface burners applied do not require adjustment of primary air. A correct flame has distinct internal cones of blue and green colour. A short, humming flame or long, yellow and smoking one, without clearly outlined cones, shows improper quality of gas in the household piping or a damaged or soiled burner. In order to check a flame, heat a burner for around 10 minutes with a full flame, and next turn the valve knob to the economical flame position. The flame should not go out or jump onto the nozzles.



Exchange of a burner nozzle – unscrew the nozzle with special socket spanner No 7 and replace with a new one according to a type of gas (see tables).

Knobs should be adjusted with the burner switched on and set to the economical flame position, using an adjustment screwdriver of the 2.5 mm size. In order to perform adjusting operations, take off the knobs.



### Caution!

After adjustment is completed, place a label indicating the type of gas to which the cooker is now adapted.

# OPERATION

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## Before first use

### First start – preliminary cleaning

To remove residues of fat and oil accumulated during the manufacturing process and dust accumulated during storage and transport, the preliminary cleaning of the equipment should be carried out. This way our health is protected and tasty cakes and roasts are provided.

**Caustic agents and abrasive powders should be avoided as they can damage the surface.**

### Preliminary heating

1. Remove packaging elements from the oven chamber.
2. Turn on ventilation in the room or open a window.
3. Start the oven at the temperature of 250°C.
4. Heat the oven for around 30 minutes.

The smell that is emitted during the first heating of the oven is connected with vapouring of residues of fat and oil used to protect the oven for the time of storing.

## Important!

In ovens equipped with the electronic programmer, the time “0.00” will start flashing in the display field upon connection to the power supply.

**The programmer should be set with the current time. (See *Electronic programmer*). If the current time is not set operation of the oven is impossible.**

## Important!

To clean the oven, only use a cloth well rang out with warm water to which a little washing-up liquid has been added.



# OPERATION

## Electronic programmer

🔔  $\Delta$  – functions

OK – function selection button

< – “-” button

> – “+” button

### Setting the time

After connection to the mains or reconnection after a power cut the display shows flash 0.00:



● Press button **OK**, then the display will show 🔔,

● set the time using buttons > and <.

7 seconds after the time has been set the new data will be saved.

Current time can be adjusted by simultaneously touching the sensors < and >. The display will start blinking. Adjust current time as required.

### Caution!

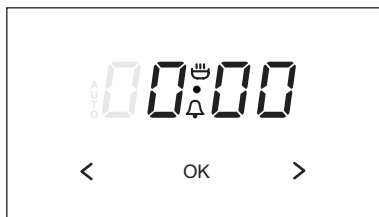
If the correct time is not set then proper operation of the oven is not possible.

## Timer

The timer can be activated at any time, regardless of the status of other functions. The timer can be set for from 1 minute to up to 23 hours and 59 minutes.

To set the timer you should:

● Press button **OK**, then the display will show flashing 🔔 ,



● set the timer using buttons > and <.

The time set is shown on the display and the signal function 🔔 is on.

● Press button **OK**, < or > in order to switch off the signal, the signal function will go out and the display will show the current time.

### Caution!

If the alarm signal is not turned off manually, it will be turned off automatically after approx. 7 minutes.

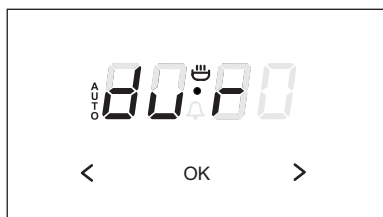
## OPERATION

### Semi-automatic operation

If the oven is to be switched off at a given time, then you should:

- Set the oven function knob and the temperature regulator knob to the setting at which you want the oven to operate.

- Press button **OK** until the display will show:



- Set the required time using buttons > and <, within a range from 1 minute to 10 hours.

The set time will be introduced to the memory after approx. 7 seconds and the display will show AUTO function.

When the set time has passed the oven is switched off automatically, the alarm signal is activated and the signal function AUTO flashing again;

- Set the oven function knob and the temperature regulator knob to the switched-off position.

- Press button **OK**, < or > in order to switch off the signal; the signal function will go out and the display will show the current time.

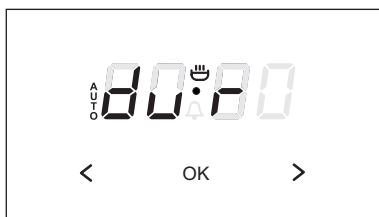
#### Caution!

In ovens equipped with one control knob, the oven function knob is integrated with the temperature regulator knob.

### Automatic operation

If the oven is to be switched on for a specified period of time and switched off at a fixed hour then you should set the operation time and the operation end time:

- Press button **OK** until the display will show:



- Set the required time using the buttons > and < within a range from 1 minute to 10 hours.

- Press button **OK** until the display will show:



- Set the switch-off time (operation end time) using buttons > and <, which is limited to a period of 23 hours and 59 minutes from the current time.

- Set the oven function knob and the temperature regulator knob to the setting at which you want the oven to operate.

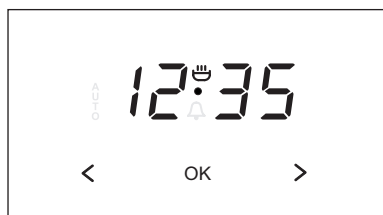
## OPERATION

The function AUTO is now on; the oven will start operating from the point when the difference between the set operation end time and the operation duration time occurs (e.g. the operation time is set to 1 hour, the operation end time is set to 14.00, so the oven will start working automatically at 13.00).

When the oven reaches the operation end time it will switch off automatically, the alarm will be activated and the function AUTO will start flashing again.

- Set the oven function knob and the temperature regulator knob to the switched-off position.

- Press button **OK**, < or > in order to switch off the alarm; the function AUTO will go out and the display will show the current time.



### Cancel settings

Timer and automatic function settings may be cancelled at any time.

Cancel automatic function settings:

- press buttons < and > simultaneously,

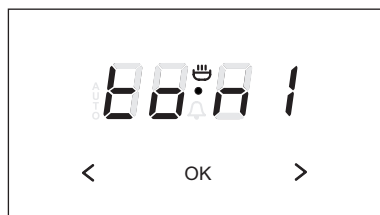
Cancel timer settings:

- press button **OK** to select timer settings,
- press buttons < and > again,

### Change the timer beeps

The tone of the timer beeps may be changed as follows:

- press buttons < and > simultaneously,
- select "tone" function with the **OK** button, the display panel will start to blink:



- with the < button press the appropriate buttons from **OK** to > to select the option you wish.

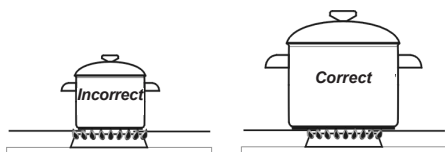
# OPERATION

## How to use surface burners

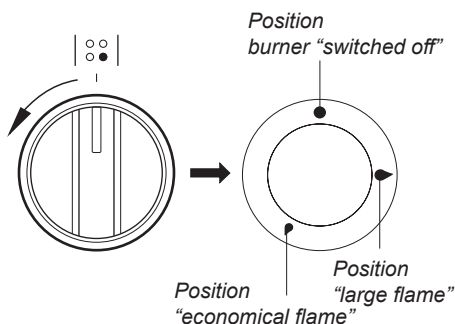
### Choice of cookware

Mind that the diameter of a pan base is always larger than the burner flame crown, and that the pan itself is covered. The recommended pan diameter is around 2.5 to 3 times larger than the burner diameter, that is, for:

- an auxiliary burner – a pan with a diameter of 90 to 150 mm,
- a medium burner – a pan with a diameter of 160 to 220 mm,
- a large burner – a pan with a diameter of 200 to 240 mm, and the pan height should not be greater than its diameter.



### Gas burner control knobs



### Ignition without an ignitor

- light a match,
- press in the knob to the end and turn it left to the “large flame” position (●),
- ignite gas with a match,
- set required flame size (e.g. “economical” (●)),
- switch off the burner after finishing cooking, turning the knob right (to the off position ●).

### Knob ignition

- press in the knob to the end and turn it left to the “large flame” position (●),
- hold until gas is lit,
- after the flame is lighted release the pressure on the knob and set a required flame size.

### Caution!

The cooker is equipped with a surface burner safety valve, hold the knob pressed down to the end when igniting for 10 seconds at the “large flame” position to activate the safety device.

### Operation of the burner protection valve

Automatic system cuts off gas supply to a burner when the flame has disappeared. This system protects the cooker against gas leakage when the flame on a burner goes out e.g. in case of spillage. The user's intervention is needed to re-ignite the burner.

## OPERATION

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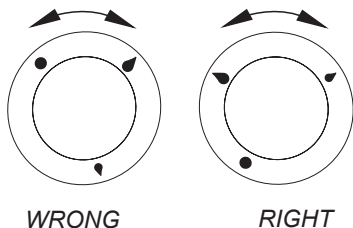
### Selection of the appropriate flame

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A correctly adjusted burner has a light blue flame with a clearly visible internal cone. Selection of flame size depends on the position of the burner knob which has been set:

- 💧 large flame
- 💧 small flame ("economical flame")
- burner switched off (gas supply is cut off)

Depending on requirements, flame size can be set in a continuous manner.



#### **Caution!**

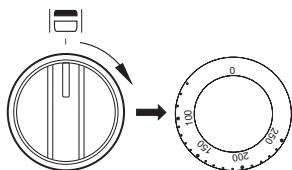
Do not adjust the flame between the off position ● and the large flame position 💧

# OPERATION

## Top oven functions and operations

### Natural convection oven (conventional).

The oven can be warmed up using the bottom and top heaters, as well as the grill. Operation of the oven is controlled by the temperature regulator knob.

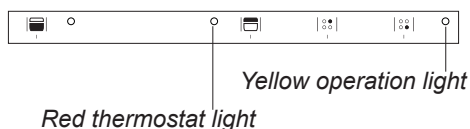


### Oven on and off

In order to switch on the oven you need to:

- set required working conditions of the oven, its temperature and a mode of heating,
- set the knob to the required position, turning it right.

Switching on the oven is indicated by two signal lights, yellow and red, turning on. The yellow light turned on means the oven is working. If the red light goes out, it means the oven has reached the set temperature. If a recipe recommends placing dishes in a warmed-up oven, this should be not done before the red light goes out for the first time. When baking, the red light will temporarily come on and go out (to maintain the temperature inside the oven). Switching off the oven – in order to switch off the oven, set the knob to the “0” knob position, turning it left. The signal light should go out.



100-250  
°C

### Top and bottom heaters on, the oven door is closed.

The thermostat enables the user to set the temperature within a range from 100°C to 250°C. Use for baking. This setting is ideal for baking cakes, meat, fish, bread and pizza (it is necessary to preheat the oven and use a baking tray) on one oven level.



100-250  
°C

### Grill on, the oven door is open.

The thermostat enables the user to set the temperature within a range from 100°C to 250°C. Grilling is used for cooking of small portions of meat: steaks, schnitzel, fish, toasts, Frankfurt sausages, (thickness of roasted dish should not exceed 2-3 cm and should be turned over during roasting). For grilling with the function grill the temperature must be set to 250°C.

### Warning!

The door of the oven should be open while grilling.

Accessible parts may become hot during use. Young children should be kept away.



### Independent oven lighting

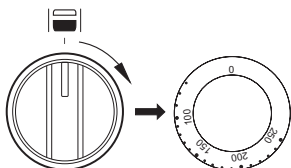
The top oven lamp will be switched on after the temperature has been set by the temperature regulator knob.

# OPERATION

## Main oven functions and operations

### Oven with automatic air circulation.

The oven can be warmed up using the ring heating element and rotating fan. Operation of the oven is controlled by the temperature regulator knob.



### Oven on and off

In order to switch on the oven you need to:

- set required working conditions of the oven, its temperature and a mode of heating,
- set the knob to the required position, turning it right.

Switching on the oven is indicated by two signal lights, yellow and red, turning on. The yellow light turned on means the oven is working. If the red light goes out, it means the oven has reached the set temperature. If a recipe recommends placing dishes in a warmed-up oven, this should be not done before the red light goes out for the first time. When baking, the red light will temporarily come on and go out (to maintain the temperature inside the oven). Switching off the oven – in order to switch off the oven, set the knob to the “0” knob position, turning it left. The signal light should go out.



100-250  
°C

### Convection with ring heating element

The thermostat enables the user to set the temperature within a range from 100°C to 250°C. The oven is heated up by a heating element with air circulation forced by a rotating fan fitted in the central part of the back wall of the chamber. Lower baking temperatures than in the conventional oven can be used.

Heating the oven up in this manner ensures uniform heat circulation around the dish being cooked in the oven.



### Independent oven lighting

The main oven lamp will be switched on after the temperature has been set by the temperature regulator knob.

## BAKING IN THE OVEN – PRACTICAL HINTS

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### Baking

- we recommend using the accessories which were provided with your cooker;
- it is also possible to bake in cake tins and trays bought elsewhere which should be put on the drying rack; for baking it is better to use black trays which conduct heat better and shorten the baking time;
- shapes and trays with bright or shiny surfaces are not recommended when using the conventional heating method (top and bottom heaters), use of such tins can result in undercooking the base of cakes;
- when using the ultra-fan function it is not necessary to initially heat up the oven chamber, for other types of heating you should warm up the oven chamber before the cake is inserted;
- before the cake is taken out of the oven, check if it is ready using a wooden stick (if the cake is ready the stick should come out dry and clean after being inserted into the cake);
- after switching off the oven it is advisable to leave the cake inside for about 5 min.;
- temperatures for baking with the ultra-fan function are usually around 20 – 30 degrees lower than in normal baking (using top and bottom heaters);
- the baking parameters given in Table are approximate and can be corrected based on your own experience and cooking preferences;
- if information given in recipe books is significantly different from the values included in this instruction manual, please apply the instructions from the manual.
















### Roasting meat

- cook meat weighing over 1 kg in the oven, but smaller pieces should be cooked on the gas burners.
- use heatproof ovenware for roasting, with handles that are also resistant to high temperatures;
- when roasting on the drying rack or the grate we recommend that you place a baking tray with a small amount of water on the lowest level of the oven;
- it is advisable to turn the meat over at least once during the roasting time and during roasting you should also baste the meat with its juices or with hot salty water – do not pour cold water over the meat.
















# BAKING IN THE OVEN – PRACTICAL HINTS

## Natural convection oven (conventional)

Type of dish	Oven functions	Temperature °C	Level ( 4 ) 1	Time in minutes 
		160 - 200	2 - 3	30 - 50
		160 - 180	2	20 - 40*
		210 - 220	2	45 - 60
		225 - 250	2	120 - 150
		160 - 230	2	90 - 120
		160 - 180	2	45 - 60
		190 - 210	2	40 - 50

## Oven with automatic air circulation (including a fan and an ultra-fan heater)

Type of dish	Oven functions	Temperature °C	Level ( 4 ) 1	Time in minutes 
		140 - 160	2	10 - 40*
		200 - 230	1 - 3	10 - 20
		160 - 180	2 - 3	45 - 60
		160 - 180	2	120 - 160
		160 - 190	2	90 - 120
		175 - 190	2	60 - 70

\* Baking smaller items

### Caution!

The figures given in Tables are approximate and can be adapted based on your own experience and cooking preferences.

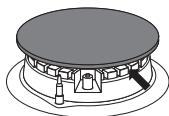
## CLEANING AND MAINTENANCE

By ensuring proper cleaning and maintenance of your cooker you can have a significant influence on the continuing fault-free operation of your appliance.

**Before you start cleaning, the cooker must be switched off and you should ensure that all knobs are set to the “●”/“0” position. Do not start cleaning until the cooker has completely cooled.**

### Burners, the burner hob grate, the cooker housing

- In the case of soiled burners and grate, these elements must be removed from the cooker and washed with warm water and washing – up products intended for fats and soils. Next, wipe them dry. After the grate has been removed, wash the burner hob carefully and wipe with a dry and soft cloth. In particular, ensure flame openings in rings under caps are clean, see the figure below. Do not use steel wire or drill holes.



#### Warning:

Burner elements must always be clean. Water particles may hamper gas flow and produce an incorrect burner flame.

#### Important:

The burner caps and leads must be repositioned correctly so that they sit squarely onto the hob as shown.

correct



incorrect




incorrect



- Wash enamel elements of the cooker with light washing products. When cleaning do not use cleaning agents with a strong abrasive effect, such as scouring powders containing an abrasive, abrasive compounds, abrasive stones, pumice stones, wire brushes and so on.
- Before you start using the cooker with stainless steel hob, its cooking zone first needs to be carefully washed. It is important to remove glue residues from the foils taken off trays during installation, as well as adhesive tape applied during packaging. The hob should be cleaned regularly after each use. Do not allow the hob to get heavily stained, particularly from burnt-on spillages from boiled over liquids. An agent like Stahl-Fix is recommended for the initial wash and, subsequently, for routine washes.

## CLEANING AND MAINTENANCE

### Oven

- The oven should be cleaned after every use. When cleaning the oven the lighting should be switched on to enable you to see the surfaces better.
- The oven chamber should only be washed with warm water and a small amount of washing-up liquid.
- **Steam cleaning:**
  - pour 250ml of water (1 glass) into a bowl placed in the oven on the first level from the bottom,
  - close the oven door,
  - set the temperature knob to 50°C, and the function knob to the bottom heater position ,
  - heat the oven chamber for approximately 30 minutes,
  - open the oven door, wipe the chamber inside with a cloth or sponge and wash using warm water with washing-up liquid.**Caution!** Possible moisture or water residues under the cooker can result from steam cleaning.
- After cleaning the oven chamber wipe it dry.

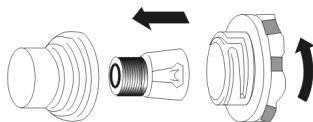
#### Caution!

Do not use cleaning products containing abrasive materials for the cleaning and maintenance of the glass front panel.

### Replacement of the oven light bulb

**In order to avoid the possibility of an electric shock ensure that the appliance is switched off before replacing the bulb.**

- Set all control knobs to the position “●”/“0” and disconnect the mains plug,
- unscrew and wash the lamp cover and then wipe it dry.
- unscrew the light bulb from the socket, replace the bulb with a new one – a high temperature bulb (300°C) with the following parameters:
  - voltage 230 V
  - power 25 W
  - thread E14.

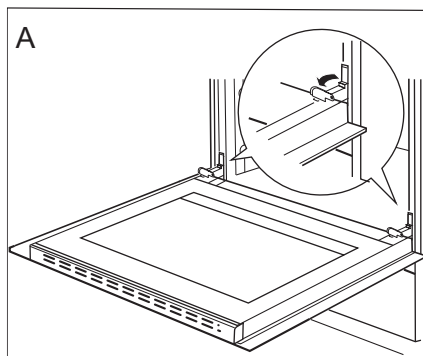


- Screw the bulb in, making sure it is properly inserted into the ceramic socket.
- Screw in the lamp cover.

## CLEANING AND MAINTENANCE

### Removing the Top Oven Door

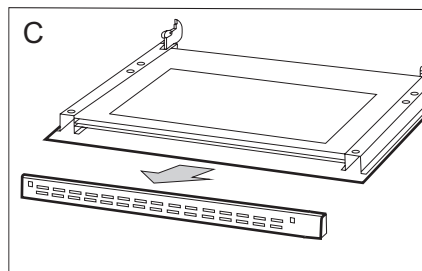
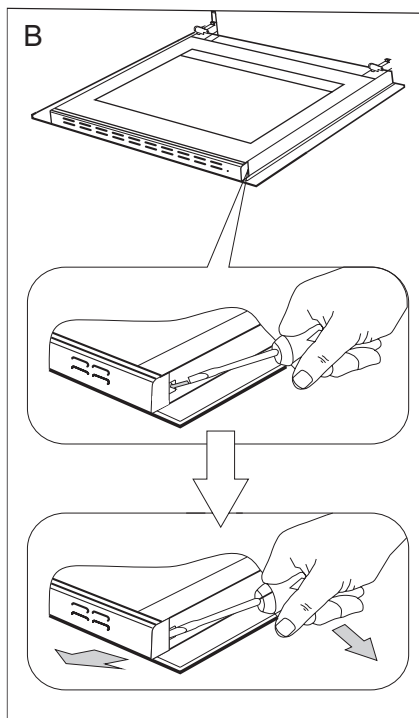
In order to obtain easier access to the oven chamber for cleaning, it is possible to remove the door. To do this, tilt the safety catch part of the hinge upwards (fig. A). Close the door lightly, lift and pull it out towards you. In order to fit the door back on to the cooker, do the inverse. When fitting, ensure that the notch of the hinge is correctly placed on the protrusion of the hinge holder. After the door is fitted to the oven, the safety catch should be carefully lowered down again. If the safety catch is not set it may cause damage to the hinge when closing the door.



*Tilting the hinge safety catches*

### Removing the inner panel

1. Using a flat screwdriver unhook the upper door slat, prying it gently on the sides (fig. B).
2. Pull the upper door slat loose. (fig. B, C)



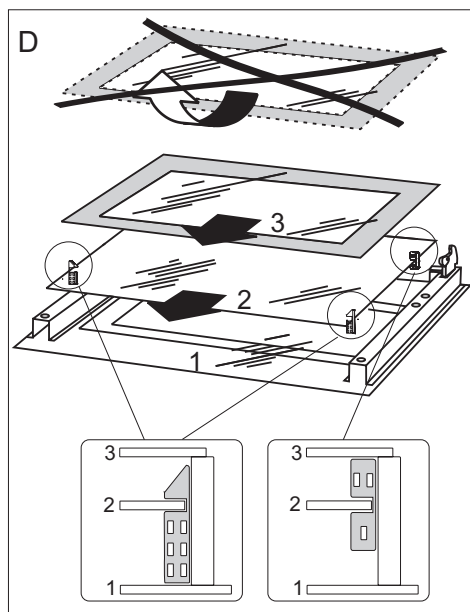
## CLEANING AND MAINTENANCE

3. Pull the inner glass panel from its seat (in the lower section of the door). Remove the inner panel (fig. D, D1).

4. Clean the panel with warm water with some cleaning agent added.

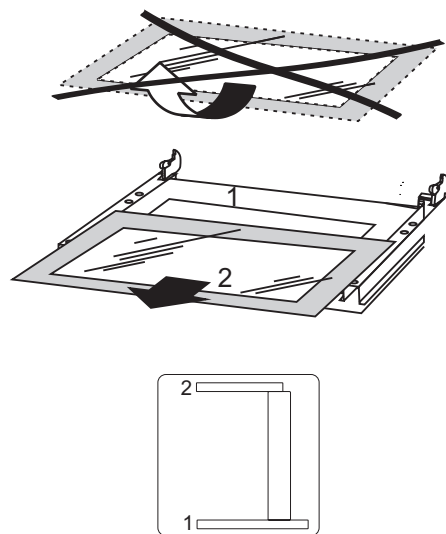
Carry out the same in reverse order to reassemble the inner glass panel. Its smooth surface shall be pointed up-wards.

**Important! Do not force the upper strip in on both sides of the door at the same time.** In order to correctly fit the top door strip, first put the left end of the strip on the door and then press the right end in until you hear a “click”. Then press the left end in until you hear a “click”.



*Removal of the internal glass panel.  
3 glass panel.*

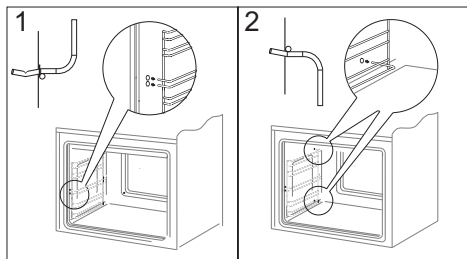
D1



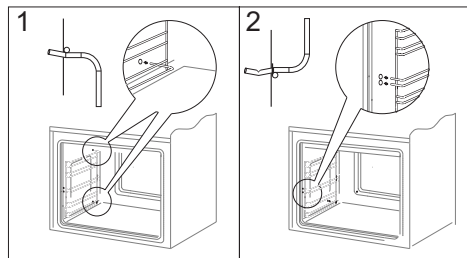
*Removal of the internal glass panel.  
2 glass panel.*

## CLEANING AND MAINTENANCE

- Oven is equipped with easily removable wire shelf supports. To remove them for washing, pull the front catch, then tilt the support and remove from the rear catch.



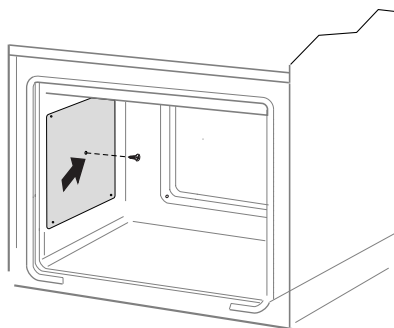
*Removing wire shelf supports*



*Installing wire shelf supports*

Oven is equipped with liners covered with special self-cleaning enamel. The enamel removes fat stains or leftover food automatically, providing they are not dried on and burnt (food and fat remnants should be removed when they are not dried on and burnt to avoid a long self-cleaning process). To activate self-cleaning switch on the oven for 1 hour, setting the temperature to 250°C. If remnants of food are small the process can be shortened.

If the self-cleaning performance is noticeably reduced, replace the liners with new ones: take out the wire rails from the inside and unscrew the catalytic enamel screw from the center of the liner. New liners can be obtained at service outlets.



*Removal of catalytic liners*

## OPERATION IN CASE OF EMERGENCY

In the event of an emergency, you should:

- switch off all working units of the cooker
- disconnect the mains plug
- call the service centre
- some minor faults can be fixed by referring to the instructions given in the table below. Before calling the customer support centre or the service centre check the following points that are presented in the table.

PROBLEM	REASON	ACTION
1. A burner does not light	flame openings soiled	close the gas by cutting off valve, close burner knobs, air the room, take out and clean the burner, blow on flame openings
2. A gas ignitor does not light	break in power supply	check the household fuse box; if there is a blown fuse, replace it with a new one
	break in gas supply	open the gas supply valve
	soiled (greasy) gas ignitor	clean the gas ignitor
	knob not pressed in long enough	hold the knob pressed in until a full flame appears around the burner crown
3. The flame goes out when lighting a burner	knob released too quickly	hold the knob down longer at the "large flame" position
4. electrical fittings do not work	break in power supply	check the household fuse box, if there is a blown fuse replace it with a new one
5. the oven lighting does not work	the bulb is loose or damaged	tighten up or replace the blown bulb (see Chapter <i>Cleaning and Maintenance</i> )

### Warning:

All repairs and regulatory activities should be carried out by the appropriate service centre or by an appropriately authorised fitter.

## TECHNICAL DATA

Model	AFD6450BL
Appliance category	GB II2H3+
Rated Voltage	230V~
Rated Frequency	50 Hz
Power	4000 W
Top oven	2000 W
Top heater	500 W
Bottom heater	1000 W
Grill	2000 W
Main oven	2000 W
Ring element	2000 W
Power gas hob	7500 W
External Dimensions (H x W x D)	600(W) x 600(D) x 900(H) mm


The product meets the requirements of European standards EN 60335- 1; EN60335-2-6; EN-30-1-1.

The data on the energy labels of electric ovens is given according to standard EN 60350-1 / IEC 60350-1. These values are defined with a standard workload a with the functions active: bottom and top heaters (conventional heating) and fan assisted heating (forced air heating), if these functions are available.

### Certificate of compliance CE

The Manufacturer hereby declares that this product complies with the general requirements pursuant to the following European Directives:

- The Low Voltage Directive 2014/35/EC
- Electromagnetic Compatibility Directive 2014/30/EC
- Directive on “Appliances Burning Gaseous Fuels” 2009/142/EC (until 20.04.2018)
- Regulation (EU) 2016/426 of the European Parliament (from 21.04.2018)
- ErP Directive 2009/125/EC,

and therefore the product has been marked with the  symbol and the Declaration of Conformity has been issued to the manufacturer and is available to the competent authorities regulating the market.



# PRODUCT FICHE

The information in the product data sheet is given in accordance with the Commission delegated Regulation (EU) No 65/2014 supplementing Directive of the European Parliament and of the Council 2010/30/EU with regard to energy labelling of household ovens and range hoods

Supplier name	Amica S.A.
Model identifier	AFD6450BL
Energy efficiency index of top cavity (EEI cavity)	106,8
Energy efficiency index of main cavity (EEI cavity)	106,0
Energy efficiency class of top cavity	A
Energy efficiency class of main cavity	A
Energy consumption per cycle of top cavity (EC electric cavity) conventional mode [kWh] fan-forced mode [kWh]	0,78 -
Energy consumption per cycle of main cavity (EC electric cavity) conventional mode [kWh] fan-forced mode [kWh]	- 0,88
Number of cavities	2
Heat source of top cavity (electricity or gas)	electricity
Heat source of main cavity (electricity or gas)	electricity
Cavity volume [l] - top	44
Cavity volume [l] - main	67

**In order to determine compliance with the eco-design requirements, the measurement methods and calculations of the following standards were applied:**

EN 60350-1

EN 60350-2

# PRODUCT INFORMATION

Product information given in accordance with Commission Regulation (EU) No 66/2014 supplementing Directive of the European Parliament and Council Directive 2009/125/EC with regard to eco-design requirements for household ovens, hobs and range hoods

## Household ovens

Model identifier	AFD6450BL
Oven type (electricity or gas) - top	electricity
Oven type (electricity or gas) - main	electricity
Appliance weight [kg]	48,0
Number of cavities	2
Source of heat for each cavity (electricity or gas) - top	electricity
Source of heat for each cavity (electricity or gas) - main	electricity
Volume of each cavity V [l] - top	44
Volume of each cavity V [l] - main	67
Energy consumption needed to heat a standard charge in an electric oven cavity during a single cycle in conventional mode for each cavity (final electric energy consumption) EC electric cavity [kWh/cycle] - top	0,78
Energy consumption needed to heat a standard charge in an electric oven cavity during a single cycle in conventional mode for each cavity (final electric energy consumption) EC electric cavity [kWh/cycle] - main	-
Energy consumption needed to heat a standard charge in an electric oven cavity during a single cycle in fan-forced mode for each cavity (final electric energy consumption) EC electric cavity [kWh/cycle] - top	-
Energy consumption needed to heat a standard charge in an electric oven cavity during a single cycle in fan-forced mode for each cavity (final electric energy consumption) EC electric cavity [kWh/cycle] - main	0,88
Energy efficiency index EEI cavity for each cavity - top	106,8
Energy efficiency index EEI cavity for each cavity - main	106,0

# PRODUCT INFORMATION

Product information given in accordance with Commission Regulation (EU) No 66/2014 supplementing Directive of the European Parliament and Council Directive 2009/125/EC with regard to eco-design requirements for household ovens, hobs and range hoods

## Household gas hobs

Model identifier		AFD6450BL
Hob type (electric / gas / gas-electric)		gas
Number of gas burners		4
Energy efficiency for each gas burner (EE gas burner)	FL	54,5
	RL	54,5
	RR	54,5
	FR	-
Energy efficiency of gas hob (EE gas hob)		54,5

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