



MILAN

— euro —

Product code: EMEO45SX

User instructions

Thank you for choosing one of our products. We hope you will get the very best performance from this appliance.

Therefore we would ask you to carefully comply with the the suggestions and instructions in this manual for proper use of our products.

The manufacturer shall not be held liable for damage to persons and property which is due to poor or incorrect installation of the appliance.

The manufacturer reserves the right to modify its products as deemed fit without prior notice.

Technical characteristics

Dimensions:

Height: 460 mm

Width: 597 mm

Depth: 570 mm

Volume:

Gross: 43 dm³

Net: 37 dm³

Power supply voltage: 240 V~ 50/60 Hz 3600 W

Input watts (power):

Lamp: 25W

Radial fan: 20W

Tangential fan: 11W

Bottom: 1300W

Top: 600W

Grill: 1400W

Circular: 2000W

Electronic Prog. 1W

DECLARATION OF CE COMPLIANCE

This appliance is in compliance with the following European Directives:

93/68 : General regulations

2014/35/CE : Concerning low tensions

2014/30/CEE : Electromagnetic compatibility

CE Regulation n° 1935/2004 :

this appliance is suitable to come in contact with food products.

INSTRUCTIONS FOR THE USER

This manual is an integral part of the appliance.

It is necessary to keep it for the life cycle of the oven and to read it carefully for the installation, use, maintenance, cleaning and handling of the appliance.

Unplug the appliance before undertaking any sort of intervention on it.

Attention: earth connection is required by law.

During oven operation, keep children away.

During operation the oven becomes very hot.

Do not touch heating elements on the inside.

Do not use steam cleaners to clean the oven.

Do not use the appliance to heat the room.

The manufacturer will not be held liable if accident prevention measures are not observed.
The manufacturer will not be held liable for damage to persons or property due to poor or lacking maintenance of the appliance.

The manufacturer reserves the right to make any changes to the product which are felt to be useful or necessary without any advance notice.

Packaging materials (sheets, polystyrene) may be hazardous to children (danger of suffocation). Keep packaging materials out of the reach of children.

The appliance is designed for adult users who are familiar with these instructions.

Children are often not able to recognize the risks involved with the use of the appliance.

Please supervise properly and do not let children play with the appliance.

Heat is generated during cooking; the door of the appliance may get very hot, specially if it is made of glass. There is the risk of burns; do not touch and keep children away.

The physically impaired must be assisted by capable adults.

Do not carry out any modifications, tampering or repair attempts, especially with tools such as screwdrivers on the inside or outside of the appliance.

Repair work, especially on the electrical parts, must be performed only by specialized personnel.

Improper repair work can cause serious accidents, damage the appliance and equipment as well as impair proper operation.

Appliances repaired in technical service centres must undergo routine tests, especially a continuity test of the earth circuit.

THIS PRODUCT WAS DESIGNED FOR HOME USE.

THE MANUFACTURER WILL NOT BE HELD LIABLE FOR DAMAGE TO PERSONS OR PROPERTY CAUSED BY IMPROPER INSTALLATION, OR BY IMPROPER, WRONG OR SENSELESS USE.

WARNING: IN CASE OF DISASSEMBLY, MAINTENANCE AND CLEANING OF THE APPLIANCE, BE CAREFUL SOME PARTS COULD BE SHARP.

PLEASE USE SUITABLE PREVENTION AND PROTECTION EQUIPMENT (GLOVES, ECT.).

In case of a failure in operation or an indispensable repair job, ask for the intervention of the customer technical service centre.

If the oven shows visible signs of damage, do not use it.

Unplug it and contact the customer technical service centre.

The oven must be unplugged as soon as an operating problem is discovered.

Make sure the power cord of the appliance is not crushed by the oven door as this may damage the electrical insulation.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Before closing the oven door, make sure there are no foreign bodies or pets inside the oven.

Do not place heat-sensitive or flammable materials in the oven such as detergents, oven sprays, and so on.

The oven gets extremely hot during operation.

The oven remains hot for a long time, even after it has been turned off, and cools off only very slowly until reaching room temperature. Wait for a suitable period of time before carrying out work such as cleaning.

When opening the oven door, steam and water droplets may come out.

If the oven contains steam, it is not advisable to insert the hands.

Superheated grease and oil may easily catch fire.

Never use water in an attempt to extinguish burning grease or oil (there is the danger of explosion). Suffocate the fire with wet cloths.

The rack, the plates and the cooking containers become extremely hot.

Use insulated glove or pot holders.

When using and maintaining the oven, be careful not to get fingers caught in the door hinges to avoid crushing or other injuries.

This is specially important when children are around.

Leave the door open only in an ajar position.

If the door is open there is the hazard of tripping or crushing the fingers.

Do not sit or lean on the door and do not use it as a work surface.

All work on the appliances must be carried out by qualified personnel.

For maintenance, moving, installation and cleaning of the appliance use suitable prevention and protection equipment (gloves, etc.).

Lifting and moving of appliances weighing more than 25 kg must be carried out using proper equipment, or by two persons, in order to avoid risks or injuries.

The oven is equipped with a cooling fan that comes on when the cooking cycle is selected. It creates a slight air flow that exits from the slot under the control panel. It shuts down 10-30 minutes after the oven is switched off (depending on oven temperature).

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

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

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

The instructions for ovens that have shelves shall include details indicating the correct installation of shelves (IEC 60335-2-6)

Unless the instructions state to the contrary, the instructions for cooking ranges and ovens shall state that the appliance must not be installed behind a decorative door in order to avoid overheating. (IEC 60335-2-6)

Allow disconnection of the appliance after installation, by accessible plug or a switch in the fixed wiring, unless.

Cleaning and user maintenance shall not be made by children.

INSTRUCTIONS FOR INSTALLATION OF THE UNIT

All tasks involved in installing the appliance must be carried out by skilled personnel. Any work is to be performed with the appliance unplugged.

Electrical connection:

make sure that the voltage corresponds to that indicated on the tag on the side. The oven must be connected using a cable with a minimum cross-section of 1,5 mm on the rear, and with an omni-polar switch compliant with current standards with a distance of aperture between contacts of at least 3 mm.

Caution:

if you need to replace the power cord, make sure you comply with the following colour-code when connecting the single wires:

BLUE	- NEUTRAL (N)
BROWN	- PHASE (L)
YELLOW-GREEN	- EARTH (\perp)

Attention: earth connection is required by law.

The manufacturer will in no way be held liable if accident prevention standards area not observed.

Insertion into the furniture unit:

The appliance can be inserted either under a worktop or into a column. In either case comply with the dimensions shown in figures 1 and 2.

For column installation, in order to ensure proper ventilation, it is indispensable to provide an opening of at least 85-90mm as shown in figure 1.

The oven is secured to the furniture unit by four screws “A” located in the holes of the perimeter frame (see fig. 1).

Do not use the door a lever when installing the oven.

Do not place excessive pressure on the oven door when it is open.

BUILT-IN DIAGRAM Fig. 1

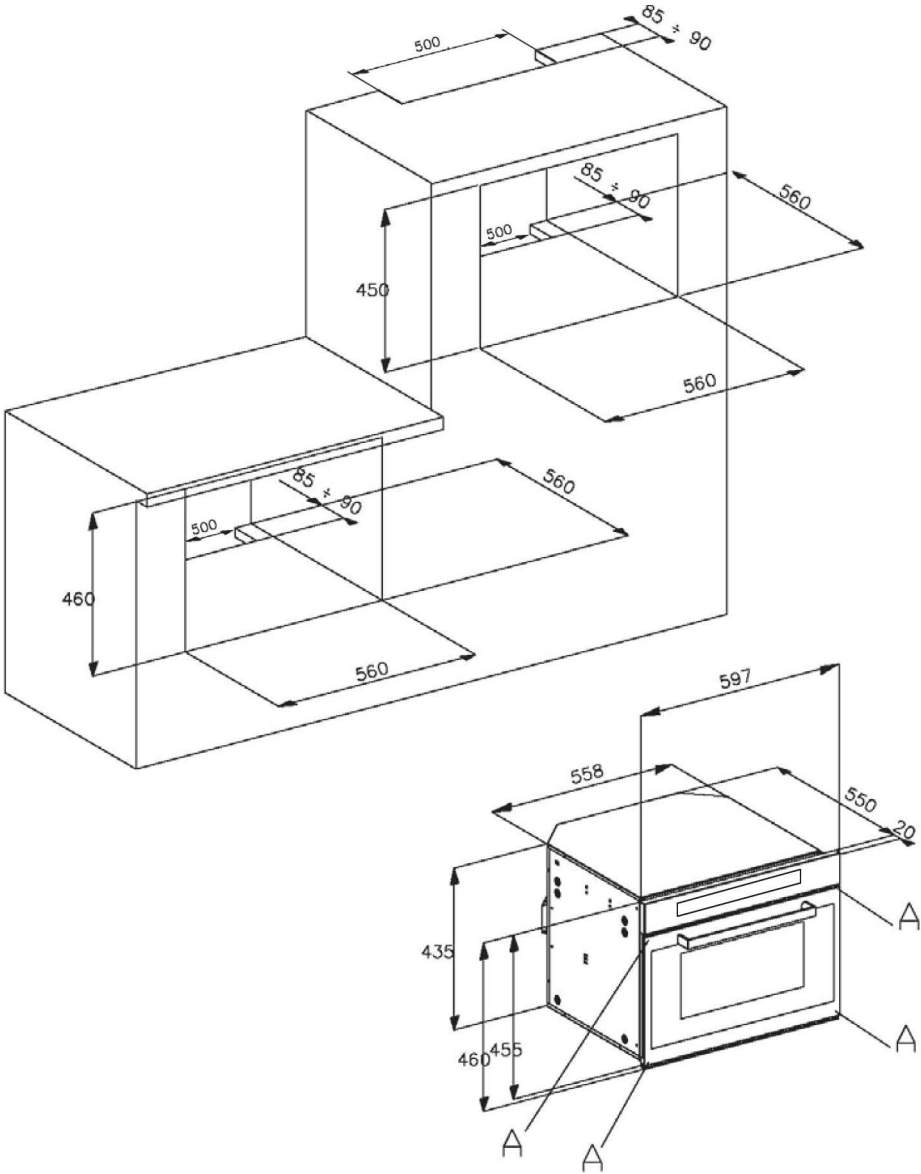
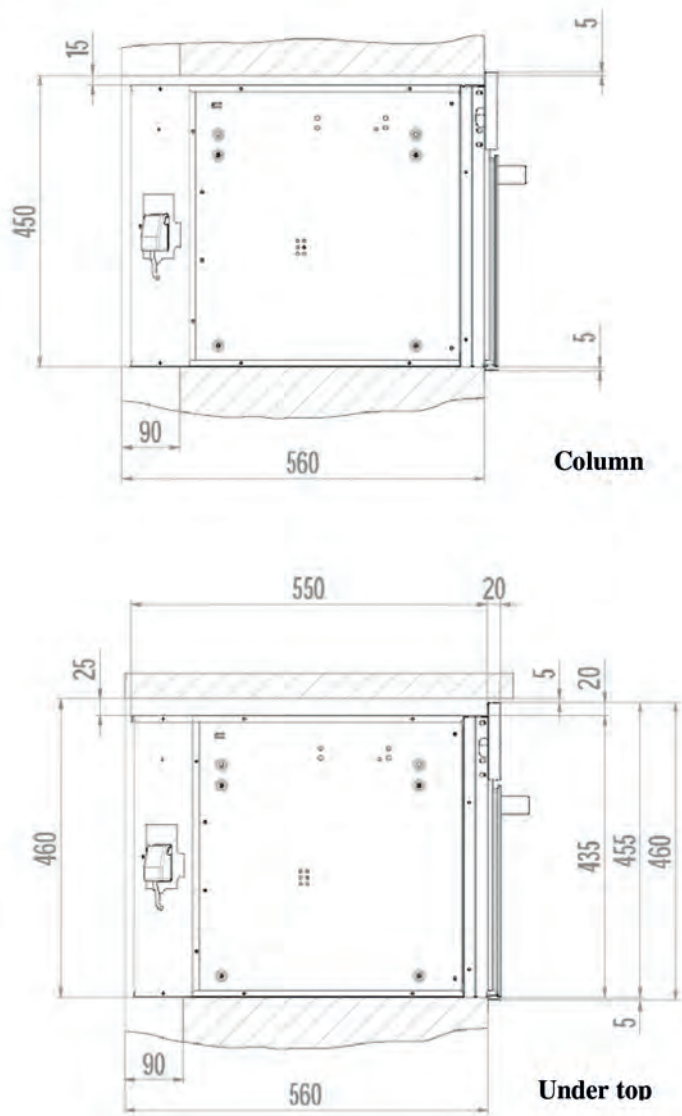


Fig. 2

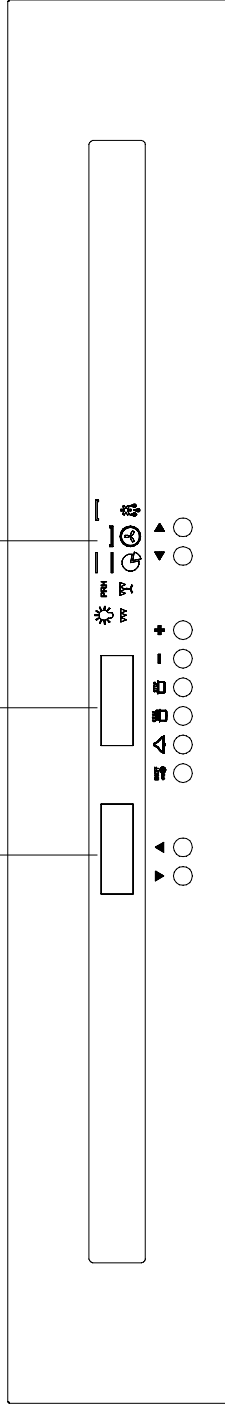
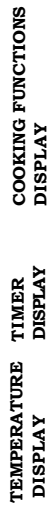


Before using the oven for the first time





After unpacking the oven, installing it in the furniture unit and removing the accessories (drip pan and racks), it is advisable to run it at the highest temperature for about 20 minutes to remove any oily residues left from the manufacturing process which may cause unpleasant odours during cooking. Aerate the room while doing this. Wash the drip pan and racks with washing up liquid.

For the first few minutes that the oven is in operation, condensation may form on the front. This does not in any way compromise operation of the unit.

ELECTRONIC PROGRAMMER





FUNCTION BUTTONS

- ▼ Decreases temperature
- ▲ Increases temperature
-  ON/OFF and Controls Lock Function
-  Minute minder
-  Cooking time
-  End time
- Time setting
- + Time setting
- ◀ Program setting
- ▶ Program setting

OPERATION

The timer flashes on the display when switched on for the first time or after a power cut, and the oven cannot be operated; follow the “Setting the time” procedure to start it.

SETTING THE TIME

Press buttons  and  simultaneously and then release them.

Use buttons — and + to set the exact time.

Note: this operation must be completed in 3 sec. time, while the 2 dots on the timer display keep flashing.

Once you have completed the time setting, wait for the 2 dots stop flashing.


SOUND SIGNAL


The oven performs sound signals to show different functions, as for example the end of cooking.

There are 3 different sound levels, which can be modified:

When the oven is switched off, press the — key, and with each pressure the oven performs the sound to a different level; the last one performed will be automatically set.

SWITCHING ON THE OVEN



Press and release the  key, then you will hear a sound signal.

The timer display will show **ON**, the bulb symbol  lights on and the internal oven light turns on. Now you can proceed to set a cooking function.


MINUTE MINDER




The minute minder is only a counter of time and it is totally independent from any cooking function.

It can be useful, for example, when set to remember to stop a cooking operation. It can be used also when the oven is switched off.

To set the minute minder, switch on the oven by pressing and releasing the  key, then press the  key:

The display reset to zero and the 2 dots start flashing. Now you have 3 seconds to set the desired time by using the keys — and + up to 23h59m.

Once the set time has elapsed, you will hear a sound signal and the  symbol flashes.


To stop the sound and the flashing symbol just press one of the following keys    — +

MANUAL OPERATION FOR AN INDEFINITE PERIOD OF TIME

Switch on the oven and select an available cooking function using the keys ◀ and ▶ :



The oven will suggest a preset temperature, which can be changed by using the keys ▼ and ▲ . The oven will start working up to the preset temperature and the centigrade degree symbol ° starts blinking, which means the preheating of the oven.

When the requested temperature is reached this symbol stops blinking and the oven beeps.


To switch off the oven, just press and release the  key.


COOKING TIME SEMIAUTOMATIC OPERATION




It is recommended to set the duration of cooking


Switch on the oven by pressing and releasing the , then press and release the  key. On the timer display the symbol **A** appears. Set the desired time of cooking with the keys - and + up to 10h and 00m.


Then you will hear a sound signal and the timer will show the current hour: you can select an available cooking function with the keys ◀ and ▶

On the timer display the symbol  appears.

The oven suggests a preset temperature for each function, which can be changed with the keys ▼ and ▲. The oven starts working for the set time; when this time has elapsed the oven automatically stops cooking. You will hear a sound signal, while the temperature display and the cooking function display turn off, the timer display shows the current hour and the symbols  and **A** blink.



To stop the sound and exit to the program, just press one of the following keys    - +

The symbol  appears on the function display and then the oven light turns on.


Now the oven is ready to be programmed again; you can select a new cooking function or switch the oven off by pressing and releasing the  key.

END OF COOKING SEMIAUTOMATIC OPERATION

It is recommended to set the end of cooking time


Switch on the oven by pressing and releasing the , then press and release the  key. On the timer display the symbol **A** appears. Set the desired end of cooking time with the keys - and + up to 23h and 59m.

Then you will hear a sound signal and the timer will show the current hour: you can select an available cooking function with the keys ◀ and ▶

On the timer display the symbol  appears.


The oven suggests a preset temperature for each function, which can be changed by using the keys ▼ and ▲.


The oven starts cooking and when fixed time has elapsed, it will automatically turn off.

At the end of the fixed cooking time, the oven beeps, the temperature display and the cooking function display turn off, the timer display shows the current hour and the 2 symbols  and **A** blink.

To stop the oven beep or to cancel the program just push one of the following keys:



   - +


The symbol  appears on the function display and then the oven light turns on.

Now the oven is ready to be programmed again; you can select a new cooking function or switch the oven off by pressing and releasing the  key.

AUTOMATIC OPERATION

It is recommended to set the duration and the end of cooking

Switch on the oven by pressing and releasing the , then press and release the  key and set the duration of cooking with the **-** and **+** keys.

Then you will hear a sound signal and the timer will show the current hour. Press the  key and set the end of cooking with the **-** and **+** key.

Another sound signal will be heard and the 2 dots stop blinking; this means the time has been set.

On the display you will see the set time, the temperature and function.

The oven light turns off.


Now select an available cooking function with the **◀** and **▶** keys.

The oven suggests a preset temperature for each function, which can be changed by using the keys **▼** and **▲**.

Once the 2 dots have stopped blinking, the oven begins the delayed start mode: it will automatically start for the requested duration and stop at the requested time.


When the oven is cooking, you see the selected temperature, the current hour and the selected function on the corresponding displays. The internal oven light turns off.


However, both the temperature and the function can be changed by repeating the above mentioned instructions.

At the end of the program, the oven beeps, the temperature display and the cooking function display turn off, the timer display shows the current hour and the 2 symbols  and **A** blink.

To stop the sound signal or to cancel the program just push one of the following keys:



The symbol  appears on the function display and then the oven light turns on.

Now the oven is ready to be programmed again; you can select a new cooking function or switch the oven off by pressing and releasing the  key.

AUTOMATIC AND SEMIAUTOMATIC COOKING RESTRICTIONS

The preheating (PRH) and defrosting functions are not compatible with the above mentioned automatic and semiautomatic operation.

-After setting the preheating or the defrosting function, it is not possible to set either the duration or the end of cooking.

-When programming the oven with the automatic operation, you cannot choose the preheating or the defrosting function.

DISPLAY SYMBOLS



Pot: when it lights up, it shows that a cooking function is on.

The pot does not light up when the oven light, preheating or defrosting function is activated.

When the pot is flashing, it shows the end of a cooking time. During the delayed start phase, the symbol is off and lights up when the oven starts cooking.

A (automatic): when it lights up, it shows that a cooking time has been set; when flashing, it means the end of a cooking program.



Bell: when it lights up, it means that the minute minder is on.

When flashing, it means the end of the minute count.

SELECTING THE COOKING TEMPERATURE

With the oven switched on, the cooking temperature can be selected by using the ▼ and ▲ keys : the temperatures increases between the low and high setting with 5 degrees increases, which are shown on the temperature display.

Note: each cooking function has a preset temperature, which can be changed as described above.

SELECTING THE COOKING FUNCTION

With the oven switched on, the cooking functions can be selected by using the ◀ and ▶ keys: the cooking function icons sequentially light up.

COOKING FUNCTIONS

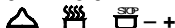


OVEN LIGHT

The internal oven light turns on by pressing and releasing the key. To turn it off press and release again the same key.

When selecting a cooking function, the oven light turns on, and once the selected temperature is achieved, the light remains on for another 3 minutes.

During a cooking operation or defrosting it is possible to turn on the oven light by pressing one of the following keys



The light remains on for 1 minute.

The light can also be turned on when the Controls Lock function is active by pressing one of the following keys



PRH PREHEATING

This function allows to preheat faster the oven, before choosing a cooking function.

When this function is operating, a moving symbol appears on the temperature display.

The preheating ends when its preset temperature is achieved by the oven; this temperature cannot be changed. At this point, the oven beeps, the light symbol and the oven light turn on. Now you can choose an available cooking function with the ◀ and ▶ keys.



TRADITIONAL COOKING



This provides traditional cooking with heat from the top and bottom elements.



LOWER ELEMENT MODE

This is for slow cooking or for warming up meals.



TOP ELEMENT MODE

This is for gentle cooking, browning or keeping cooked dishes warm.



GRILL HEATING ELEMENT

It is suggested for grilling food.



GRILL HEATING ELEMENT WITH FAN

This function is suggested for a gently grilling of food.



PIZZA FUNCTION

This kind of cooking is ideal for pizza and vegetable dishes.



FAN OVEN MODE

This provides even heating with the fan and allows different dishes to be cooked at the same time on different levels.



DEFROST MODE

This function allows to reduce the defrost time for frozen food.

The fan runs without any heating of the oven.

On the temperature display appears the message **def**, which means this function is active.

OTHER FUNCTIONS


OVEN OFF MODE

When the oven is switched off, the temperature and program displays are off and the timer shows the current hour.


“CHILDREN CARE” - CONTROLS LOCK FUNCTION


This function can be activated in any moment to prevent children to play with the oven.

In particular, if this function is activated with the oven turned off, it will not be possible to switch the oven on: to operate with the oven it is necessary to remove the lock.


To activate the locking function, hold down the key  until the display shows the symbol **h - 0** (about 5 sec.) followed by **ON**, then the display shows again the current hour.


Note: once you have done this operation, it cannot be set any program or cooking function, except for the setting of the minute minder.

If the lock is activated after any program or cooking function, it will only be possible to set the minute minder or switch off the oven by pressing and releasing the  key.



By pressing any other key, the **h - 0** display  will remember you that the locking function is activated.

The automatic or manual switching off of the oven will not disable the locking function.


To disable the locking function hold down the  key until the **h - 0** display (about 5 sec.) followed by **OFF**, then the display shows again the current hour.


When the locking function is activated it is not possible to switch it on with the  key, but only to switch it off.

ON / OFF BUTTON

When the oven is switched on, the  key lets you to switch off the oven whatever function is selected and in any moment. To switch off the oven, just press and release the  key.

When switching off the oven, any cooking function or program is cancelled. To set a new cooking program, follow the corresponding instructions from the beginning.

When the oven is switched on and the locking function is activated, you can switch off the oven just pressing and releasing the  key, but the locking function keeps active.

To disable the lock hold on the  key for about 5 seconds until the **h - 0** display followed by **OFF**, then the display will show the current hour.



“ ° ” SYMBOL

This symbol appears on the temperature display and represents the centigrade degrees.

If the symbol is blinking it means the oven is heating up to reach the temperature that has been set.

If the symbol is permanently on it means that the set temperature has been reached.

TIMER RESET

With the oven switched on, it is possible to reset the settings of the timer by pushing together the  and  keys.

Attention: the oven keeps switched on with the set function, and in manual operation.


It is possible to set again a cooking program, or also switch off the oven by pressing and releasing the  key.

Table of cooking suggestions

Type of dish	Temp. °C	Cooking time in minutes	Level (from bottom)	Cycle
• Bread and biscuits				
Pizza	220	20/30	1	☐ or 🌀
Bread	190/200	45/60	1	
Bread with filling	150/160	20/25	1 or 2	
White bread	175/210	25/40	1 or 2	
Biscuits	140/150	20/30	1 or 2	
• Pie and pastry				
Focaccia	175	40/45	2	☐ or 🌀 or 🍂
Sponge cake	190	25/35	2	
Chocolate cake	175	30/40	2	
Fruit pie	140	50/70	2	
Vol-au-vent	175	20	2	
Doughnut	180	35/45	2	
Angel cake	150	20/25	2	
Souffle	180/200	20/30	2	
Meringue	120/125	25/35	2	
• Meats				
Veal stew (1/1,5Kg)	150/160	180/210	1 or 2	☐ or 🌀
Roast veal (1/1,5Kg)	150/160	120/150	1 or 2	
Meat loaf(1/1,5Kg)	180/190	90/120	1 or 2	
Lamb (leg or chop)	180/190	60/90	1 or 2	
Beef (leg or chop)	180	45/60	1 or 2	
Pork (loin or leg)	180	60/90	2	
• Game				
Roast pheasant	180	60/90	1 or 2	☐ or 🌀
Venison	175	90/120	1 or 2	
• Poultry				
Chicken	170	90/120	1 or 2	☐ or 🌀
Duck	175	180/200	1	☐ or 🌀
• Fish				
Fish in general	200	15/20	2	

Foods to be grilled	Cooking time in minutes	
	Over	Under
Cuts of thin meat	6	4
Cuts of normal meat	8	5
Fish (e.g. trout, salmon)	15	12
Sausages	12	10
Toast	5	2

Depending on the type of food (e.g. meats, fish, poultry, etc.), you will need to turn the food to expose both sides to the infrared rays.

The data provided above is approximate. Cooking times vary based on the experience of the person using the oven and the amount and quality of the foods.

The cooking times do not include pre-heating. It is advisable to pre-heat the oven for about 15 min.

With the ventilated grill function, do not select a temperature of more than 190°C.

CLEANING AND MAINTENANCE OF THE OVEN

Important: Before performing any maintenance, you must either unplug the oven or disconnect the power supply via the omni-polar switch of the electrical system.

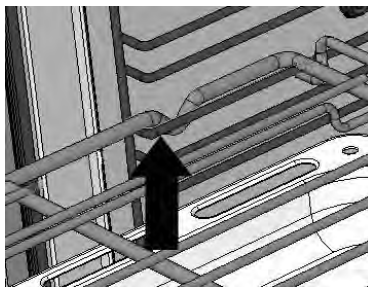
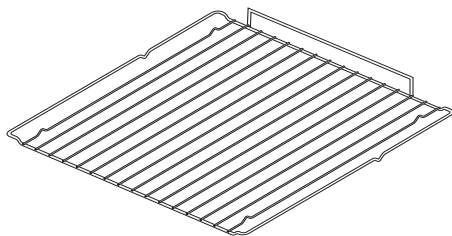
Cleaning the oven:

- **Let the oven cool after each use** and clean it to keep burnt on residues from being repeatedly heated.
- For tough dirt, use a product specifically for oven cleaning. Follow the instructions on the container of the product.
- Clean the outside with a sponge dampened in lukewarm water.
- Do not use abrasive products, steel wool pads, electrical or steam cleaners, or flammable products.
- Do not use abrasive substances or materials to clean the glass as they may damage it.
- Wash accessories in a dishwasher or by hand using a product for oven cleaning.

ATTENTION: use protective gloves for the following tasks.

Flat Grid

For the user's safety, the grid is equipped on both sides of a sunken portion which prevents the accidental fall from the guides (see figure below). The rear edge of the oven rack should be facing upwards. To extract the grid, lift it in the vicinity of the lowered edge.



How to remove the oven door (fig. 4)

To make it easier to clean the oven, it is possible to remove the door from the hinges as follows:

The hinges A are equipped with 2 mobile U-bolts B.

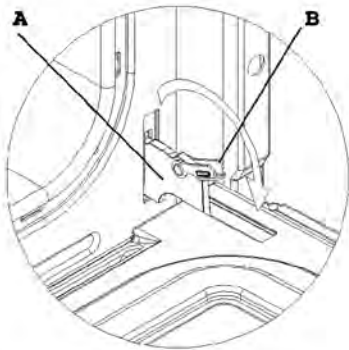
When the U-bolts B are lifted, the hinges are disconnected from their housing.

- After this, lift the door up and pull it outwards, holding the door on both sides near the hinges.

To re-install the door:

- Slide the hinges into the grooves and open the door all the way.
- Turn the mobile U-bolts to their starting position before closing the door again.

Fig. 4



ATTENTION:

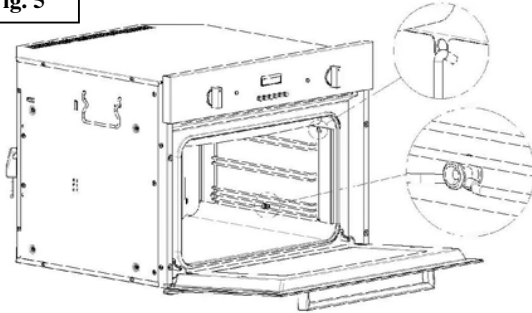
Please ensure that you do not remove the hinge locking system when you remove the door. The hinge mechanism has a very strong spring. Never immerse the door in water.

Cleaning the side rails - Fig. 5

The side rails are to be hooked onto the wall of the oven. Slide the racks and tray provided into the side rails.

To remove the side rails press on part A as shown.

Fig. 5

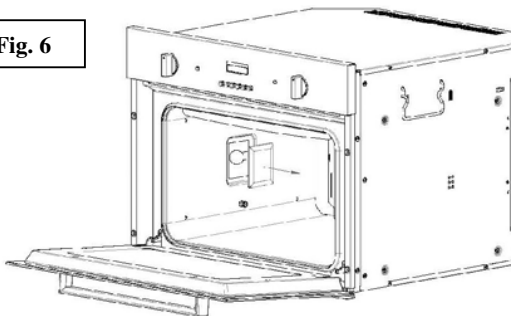


Replacement of oven lamp (fig. 6)

- Disconnect the oven from the electrical power supply.
- Use a screwdriver to remove the light cover.
- Replace the lamp
- Put the light cover back
- Restore the power supply

N.B. : use only lamps that are 25W 230V, type E-14, T 300°C, available from our technical service.

Fig. 6



The power cord **MUST** be replaced by solamnete pesonal safety officer to Maintenance