



# Donatello

## OVEN

Use and maintenance manual

DN 435  
DN 635  
DN 635 L  
DN 935





We congratulate you for choosing a product designed and manufactured with cutting-edge technology.

The oven is checked and tested in the Manufacturer's plant before being delivered to the customer.

The "production process check sheet" enclosed with it guarantees that **each** step in the production process, from assembly to packaging, was carefully checked from both the operating and safety standpoints.

Before the installation, read the content of this manual **carefully**: it contains important information regarding product assembly and safety regulations.

## The foundation

Our company was founded in 1963 by the Lorenzo, Luigi and Paolo Cuppone brothers. It immediately specialized in the production of ovens and equipment to prepare and cook pizza. The constant research and experimentation of new equipment that are even now the strength of our company, have led us to design and patent the machinery and ovens that have revolutionized the way pizza is made.

## Technical service

Your Dealer can solve any technical problem regarding use and maintenance.

Do not hesitate to contact him in case of doubt.

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# Safety instructions



- Read this guide carefully before using and maintaining the appliance, and keep it with care in an accessible place for any future consultation by the various operators.
- Moreover, the manual must always accompany the product through its life, even in case of transfer.
- Before performing any maintenance, disconnect the electricity supply.
- Unauthorised actions, tampering or modifications that do not follow the information provided in this manual can cause damages, injuries or fatal accidents and null and void the warranty.
- Use or maintenance that fail to comply with the instructions in this manual may cause damage, injury or fatal accidents.
- The serial plate provides important technical information. This is vital in case of a request for maintenance or repair of the equipment: please do not remove, damage or modify it.
- Some parts of the equipment can reach high temperatures. We recommend you avoid pressing surfaces and do not get materials either flammable or sensitive to heat near the appliance.
- Do not rest objects on the oven, above all if built in material sensitive to heat.
- These appliances are intended to be used for commercial applications, for example in restaurant kitchens, canteens, hospitals and commercial companies such as bakeries, butcher shops, etc., but not for the continuous and mass production of food. A use other than the stated one is considered improper, potentially dangerous for people and animals and might permanently damage the appliance. The improper use of the equipment shall void the warranty.
- 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 and instruction concerning use of the appliance in a safe way and understand the hazard involved. Children must not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- To clean the appliance, any of its components or accessories and the sub-structure DO NOT use:
  - aggressive, abrasive, powder or corrosive detergents (e.g. hydrochloric or sulphuric acid, caustic soda, etc.).
  - abrasive or sharp tools (e.g. abrasive sponges, scrapers, steel brushes, etc.);
  - steamed or pressurised water jets.
- The staff using the appliance must be professionally prepared and periodically trained on its use, as well as the safety and accident prevention regulations.
- Children must be supervised to make sure they do not play with the appliance or parts of it.
- Always use tools resistant to heat (e.g. In steel). Cooking utensils in plastic or similar material might not withstand the oven high temperatures.
- Check regularly that fumes can be discharged safely. Do not obstruct the duct for any reason.
- FIRE RISK: leave the area around the appliance free and clean from fuels. Do not store flammable materials near this appliance.
- WARNING: RISK OF EXPLOSION! It is forbidden to use the oven in environments at risk of explosion.
- WARNING: always switch off the main switch when you finish using the appliance, above all during cleaning or in cases of prolonged downtime.
- If you notice any anomaly (e.g. damaged power cable, etc.), malfunction or fault, do not use the appliance and contact a Service Centre authorized by the Manufacturer. Demand original spare parts, or the Warranty will be null and void.
- Place the emergency phone numbers in a visible location.
- WARNING: it is forbidden to place flammable solids or liquids (spirits for instance) in the cooking chamber during the operation.
- Monitor the appliance during its entire operation, do not leave dishes in the oven unattended!
- Failure to follow these regulations may cause damage or even fatal injury, subsequently invalidating the guarantee and relieving the Manufacturer of all liability.
- We recommend you have the appliance checked by an Authorized Service Centre at least once a year.

## Symbols used in the manual and on the labels applied to the machine



Indicates that caution is required when performing an operation described in a paragraph that bears this symbol. The symbol also indicates that maximum operator awareness is required in order to avoid unwanted or dangerous consequences



Reference to another chapter where the subject is dealt with in more detail.



Manufacturer's tip



Indicates that the surfaces marked with this symbol may be hot and must therefore be touched carefully



Dangerous voltage



The symbol identifies the terminals which, connected to each other, carry the various parts of a device or system to the same potential (not necessarily the earth potential)



Indicates that it is necessary to read carefully the paragraph marked with this symbol before installing, using and maintaining the equipment

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The original language used to prepare this manual is English: the Manufacturer is not responsible for any translation/interpretation or print errors.



## Knowing your oven

### ► Fig.1.

Your oven can be used only to bake pizzas or similar dishes, such as bread or focaccia and to grill vegetables.

Its main parts are:

- 1 Chimney to vent any cooking fumes
- 2 Cooking chamber in stainless steel
- 3 Face in stainless steel
- 4 Chamber steam bleed valve.
- 5 Cooking surface in refractory bricks
- 6 Control display
- 7 Power cable inlet
- 8 Electrical compartment ventilation slots: keep them always clean and clear.

The temperature in the chamber is controlled by boards that switch the heating elements on and off to keep the set temperature constant.

The oven can manage separately the powers:

- of the bottom part of the oven chamber;
- of the top part of the oven chamber.

## Preparing to use the oven

Clean the oven and any accessories accurately, both externally and internally, following the instructions in the dedicated chapter rigorously.

### **Maintenance and cleaning** - page 19.

**On the first use**, we recommend you set the temperature at a value of **150°C - 302°F** for model "D" top percentage 80% bottom 20%, for model "CD" set Max at the top and Min at the bottom, **for at least 8 hours, without any food inside.**

During this time, keep the bleed valve open. If a hood is fitted, we recommend it is kept ON. In this first phase, because of the humidity evaporating from the insulating materials, the oven will give out unpleasant smells and fumes that will gradually disappear during the following operating cycles.

To switch the oven on and set its parameters, refer to:

### **Using CD models** - page 9

### **Using D models** - page 13

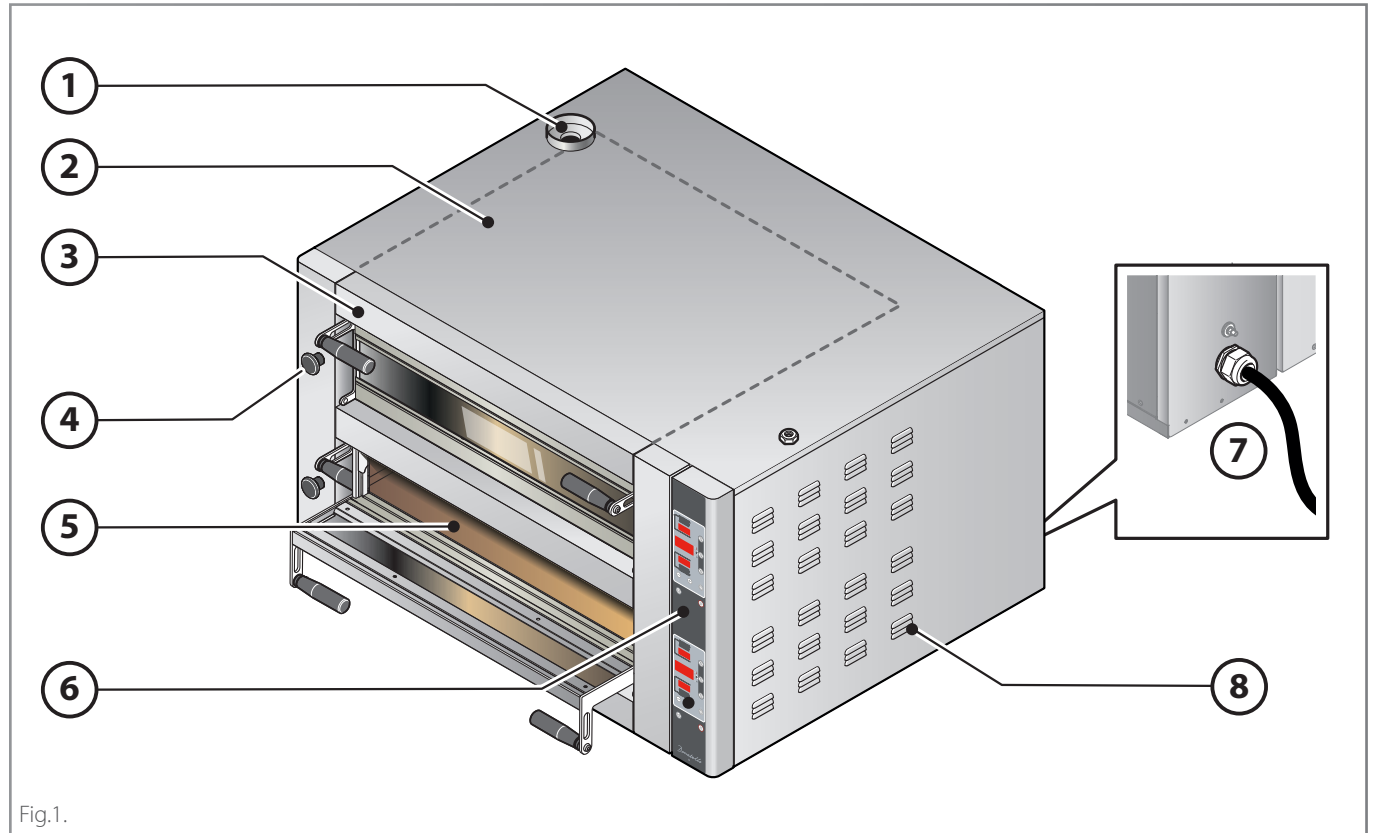




Fig.1.

 *The first day of use is considered as a running-in period: during this time the refractory bricks and insulating material keep releasing humidity until they dry out completely.*

 Some parts of the equipment can reach high temperatures. We advise you to avoid touching surfaces and not to get materials either flammable or sensitive to heat near the appliance.

Do not rest objects on the oven, above all if built in material sensitive to heat.

Take care and use personal protection equipment (i.e. gloves) when putting food into the cooking chamber or getting it out.

## Some piece of advice...

- Before starting cooking, always preheat the oven: this is vital to get good food. Preheating the oven **must last at least an hour**, it is therefore always preferable to use the programmed switch-on function so that the oven is already hot when the place opens and ready to cook the desired food.



Programmed switch-on mod. CD: page **10**

Programmed switch-on mod. D: page **14**

- During work, keep the refractory surfaces clean using a stiff bristle brush.
- Passing from a type of pizza to another, wait for the oven to stabilize.
- Take your time when adjusting the cooking parameters according to the increase and/or decrease in the workload.
- An excess of flour in the cooking chamber can create smoke, smell and give the pizza an unpleasant taste.
- Clean the oven at the end of service.



### What is Pizzaform?

*Pizzaform is a manufacturer's patent. It is a special press, produced in five models, to make pizza dough discs up to Ø52cm [Ø20.47 in.].*

*Its main features are:*

- *high hourly output, up to 400 pizzas an hour, without using specialized labour;*
- *consistent shape and thickness of the disc of dough, without giving up the traditional edge, obtained thanks to the special shape of the chrome plates;*
- *possibility of changing the thickness of the dough discs easily.*



### ► Fig.2.

In ovens, products cook thanks to the combined action of:

- **radiation:** the heat and infrared rays produced by the top elements make products crunchy and golden
  - this parameter is controlled by the percentage (mod. D) / setting (mod. CD) of the TOP.
- **convection:** the hot air that circulates in the chamber cooks the product evenly
  - his parameter is controlled by the temperature setting in the chamber
- **conduction:** the bottom elements heat the refractory surfaces on which the products lie
  - this parameter is controlled by the percentage (mod. D) / setting (mod. CD) of the BOTTOM.

### Unsatisfactory cooking results

If the cooking results are not as expected, try and check the following:

- **incorrect oven parameters:**
  - temperature in the chamber either too high or too low
  - percentages/settings of the BOTTOM or TOP either too high or too low
- **incorrect preheating:**
  - preheating is vital to get superb results right from the first pizza
  - in preheating, the percentage (mod. D) / setting (mod. CD) of the BOTTOM has been set too high: the refractory surfaces (without pizzas) have become too hot and burnt the first pizzas.
- **incorrect use of the steam bleed valve:**
  - on the back of the cooking chamber there are steam outlet slots that can be **opened/closed** using valve "A" according to the type of product to be cooked: for example, if the smoke bleed valve remains closed, too much humidity could be generated in the chamber preventing the infrared rays of the upper elements from browning the surface of the products.

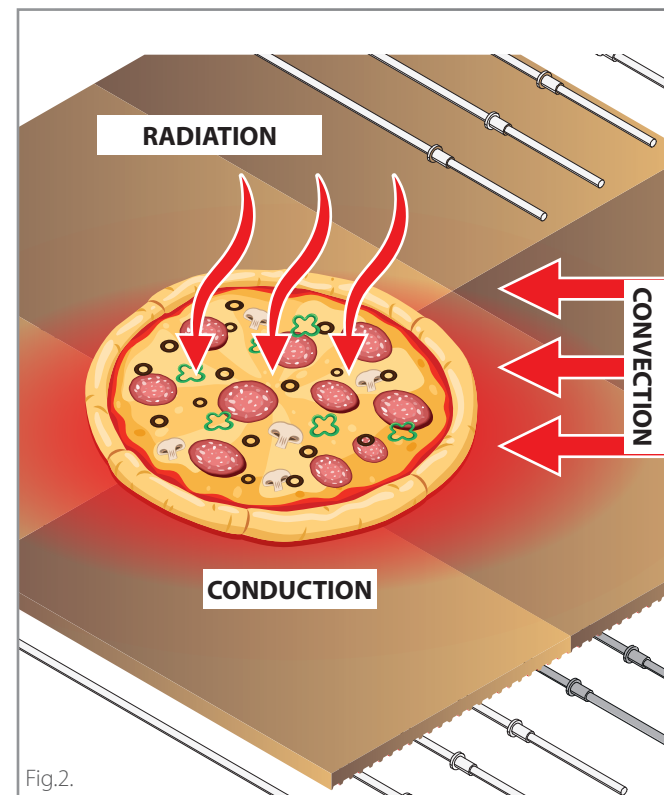


Fig.2.

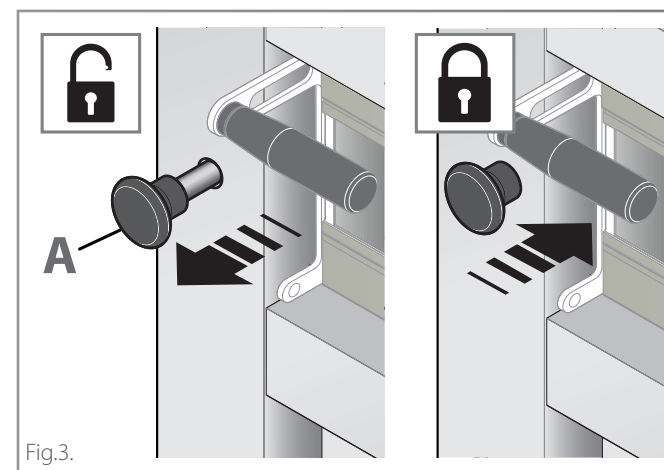

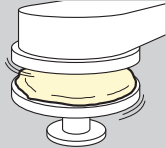



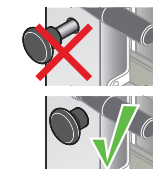
Fig.3.


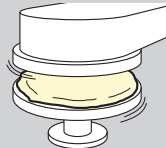

# Basic notions

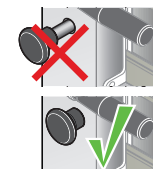
## COOKING TABLES

 The parameters in the tables are just indicative, since they can vary according to the temperature of the room where the oven is installed and the type of dough to bake (e.g. type of flour, hydration, etc.).

D CONTROL PANEL		 Manual stretching				 Stretching with Pizzaform				Preheating for both types (Manual stretching or stretching with Pizzaform)
TYPE		COOKING				COOKING				
		TIME	TEMP.	% TOP	% BOTTOM	TIME	TEMP.	% TOP	% BOTTOM	
CLASSIC		3 min	320°C - 608°F	85%	5%	3 min	290°C - 554°F	85%	0%	time: 1 hour (can vary according to the set %)  temperature / %: the same as the type of pizza to be cooked   During preheating, the steam bleed valve must be kept <b>closed</b> , to prevent the elements from being on too long and warming the refractory surfaces too much, causing the first pizzas to burn.
PAN		3 - 4 min	320°C - 608°F	40%	100%	3 - 4 min	/	/	/	
NEAPOLITAN		1 - 2 min	370°C - 698°F	80%	0%	1 - 2 min	/	/	/	
BAKING-TIN		7 - 8 min	280°C - 536°F	30%	100%	7 - 8 min	/	/	/	
PADDLE	PRECOOKING	5 min	270°C - 518°F	40%	60%	5 min	/	/	/	
	FINISHING	3 min	270°C - 518°F	40%	60%	3 min	/	/	/	



CD CONTROL PANEL		 Manual stretching				 Stretching with Pizzaform				Preheating for both types (Manual stretching or stretching with Pizzaform)
TYPE		COOKING				COOKING				
		TIME	TEMP.	TOP	BOTTOM	TIME	TEMP.	TOP	BOTTOM	
CLASSIC		3 min	320°C - 608°F	MAX	OFF/MIN	3 min	290°C - 554°F	MAX	OFF	time: 1 hour (can vary according to the selected function)  temperature / selection: the same as the type of pizza to be cooked   During preheating, the steam bleed valve must be kept <b>closed</b> , to prevent the elements from being on too long and warming the refractory surfaces too much, causing the first pizzas to burn.
PAN		3 - 4 min	320°C - 608°F	MIN	MAX	3 - 4 min	/	/	/	
NEAPOLITAN		1 - 2 min	370°C - 698°F	MAX	OFF	1 - 2 min	/	/	/	
BAKING-TIN		7 - 8 min	280°C - 536°F	MIN	MAX	7 - 8 min	/	/	/	
PADDLE	PRECOOKING	5 min	270°C - 518°F	MIN	MAX	5 min	/	/	/	
	FINISHING	3 min	270°C - 518°F	MIN	MAX	3 min	/	/	/	





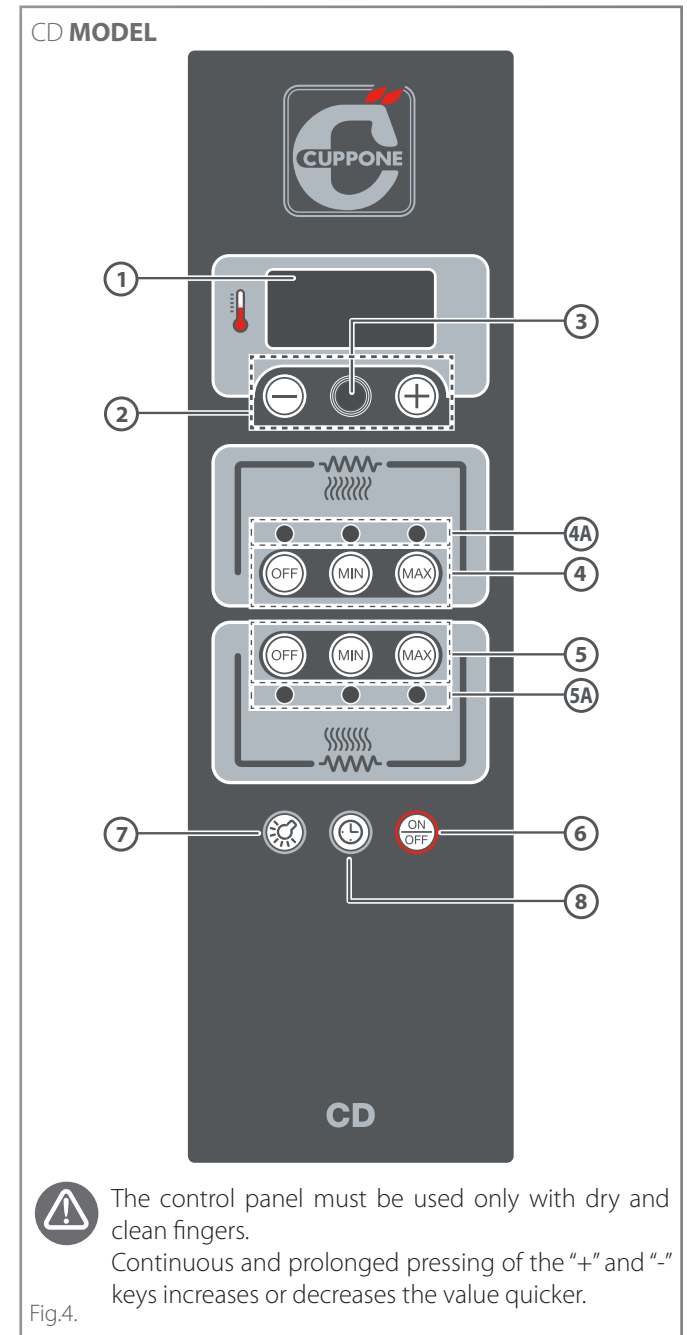
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## Knowing the control panel ▶ Fig.4.

- 1 **Main display**  
Displays alternatively:
  - the current temperature in the chamber
  - the set temperature
  - the intervention time of the end-of-cooking sound warning
  - the countdown time (time to the oven switching on if programmed switch-on is used)
- 2 **Keys + and -**  
Allow increasing or decreasing:
  - the temperature values in the chamber,
  - the intervention time of the end-of-cooking sound warning
  - the countdown time (time to the oven switching on if programmed switch-on is used)
- 3 **Element LED:** with the oven running, if on, this indicates that the elements are heating; with the oven off, if flashing, it indicates a countdown (timed switch-on)
- 4 **Top power check**  
Allows checking the power of the elements in the top, offering three adjustments:
  - OFF
  - MIN = 33%
  - MAX = 100%
- 4A **Top LEDs:** highlight the selection made
- 5 **Bottom power check**  
Allows checking the power of the elements in the bottom, offering three adjustments:
  - OFF,
  - MIN = 33%
  - MAX = 100%
- 5A **Bottom LEDs:** highlight the selection made
- 6 **ON/OFF switch**  
Switches the display on and off
- 7 **Light key**  
Switches the light in the cooking chamber on and off
- 8 **Clock key**  
With the oven on: activates an end-of-cooking acoustic signal  
With the oven off: sets the programmed switch-on




 The control panel must be used only with dry and clean fingers. Continuous and prolonged pressing of the "+" and "-" keys increases or decreases the value quicker.

Fig.4.

## Use guided procedure

The oven can be switched on:

- **manually**: switching the oven on when it must be used ▶ it is necessary to wait at least an hour for the oven to preheat and get the right temperature.

See ▶ chapter "**Manual switch-on**" on page 10 and ▶ **Fig.5.**

- **programming it**: setting the number of hours missing to the next switch-on ▶ the oven will switch on automatically.

See ▶ chapter "**Programmed switch-on**" on page 10 and ▶ **Fig.6.**

- **automatically**: using a clock or SMS (with external modules not supplied by the Manufacturer).

## A - Turning the oven on

### Manual switch-on

▶ **Fig.5.**

Pressing the **ON/OFF** key, the display lights up and shows the current temperature in the cooking chamber (e.g. 25 °C - 77 °F).

### Programmed switch-on



*The programmed switch-on function is very useful because the oven can be already hot, and therefore ready to bake, when the restaurant is opened.*

▶ **Fig.6.**

- 1 With the oven off, press the **clock** key;
- 2 The display will show **the time to switch-on**: if you wish to change this time, use the "+" or "-" keys until the display shows the desired time (maximum time 99.5 that is 99 hours and 50 minutes).

Once set, the countdown starts, at the end of which the oven will switch on automatically with the temperature and power parameters used **for the last cooking**.

If you wish to change them:

- exit programmed switch-on pressing the **clock** key;
- switch the oven on with the **ON/OFF** key,

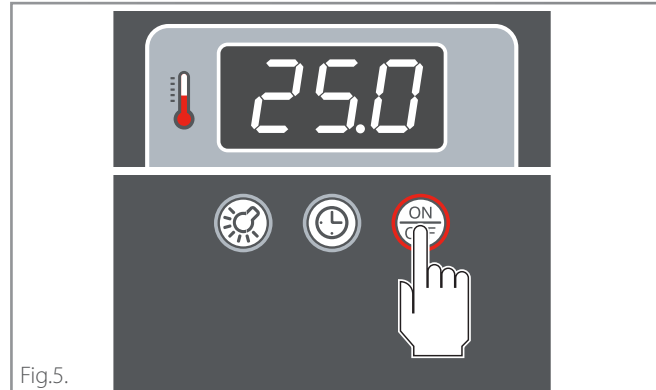


Fig.5.

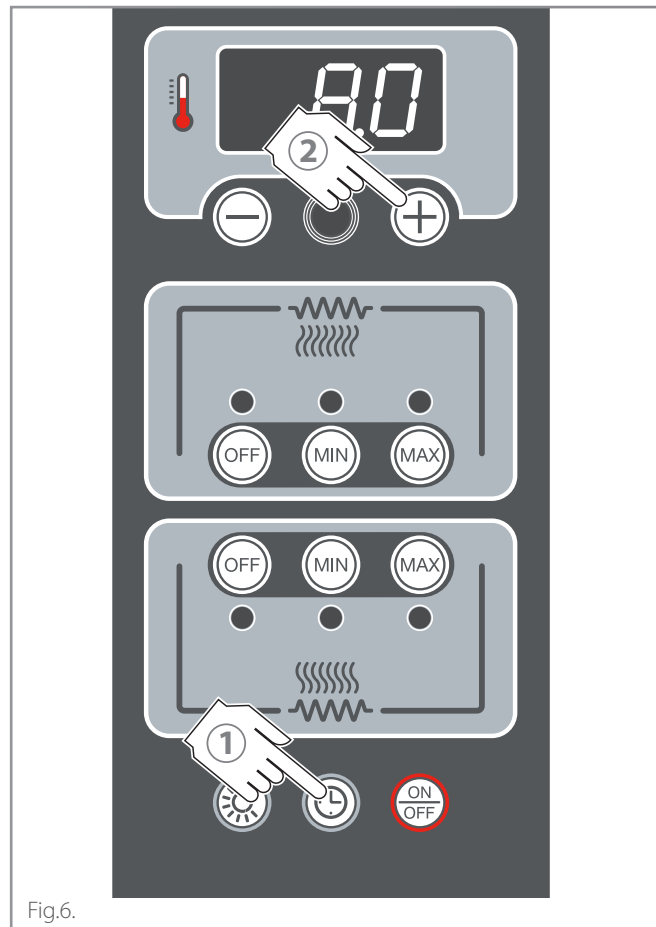


Fig.6.

- set a cooking cycle with the desired parameters: (▶ **Fig.7. - Fig.8.**)
- switch the oven off with the **ON/OFF** key
- set the programmed switch-on as explained above.

To exit the function and cancel programmed switch-on, touch the "clock" key again.

## B - Setting the preheating

Pre-heating must have the same cooking parameters as the recipe to be used (see table on page 8, pre-heating information). It must be carried out without products in the cooking chamber and takes about an hour for the oven to be ready for cooking.

▶ **Fig.7.**

Set the **pre-heating temperature** using the "+" or "-" keys, until the desired value is displayed.

▶ **Fig.8.**

Set the **top** and **bottom power** acting on the keys shown in the figure.

After setting these three parameters, the oven starts heating straight away.

The "heating element" LED will switch off after about an hour: this means the oven has reached the temperature set for pre-heating and is ready to cook.

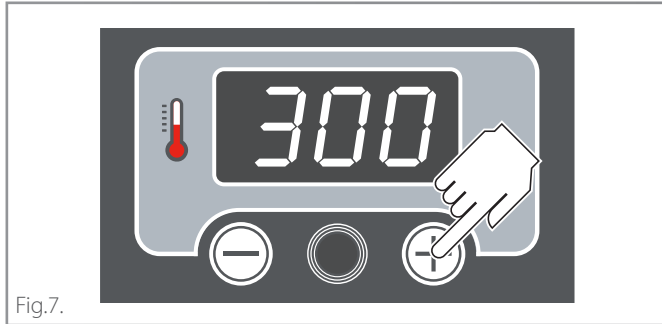


Fig.7.

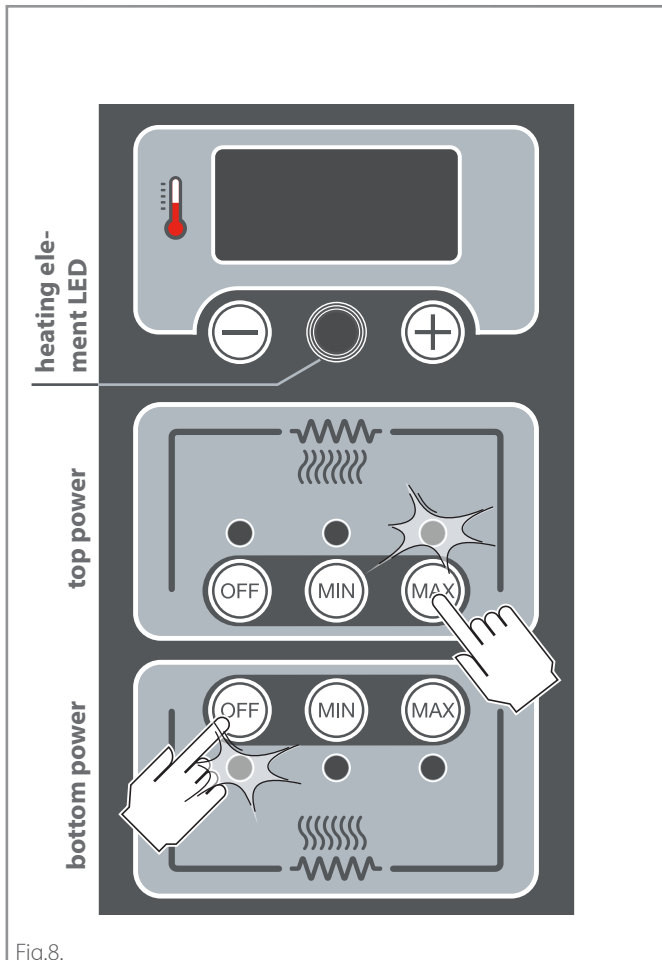


Fig.8.

## C - Activating an end-of-cooking signal (buzzer)

### ► Fig.9.

If you wish, you can enable a buzzer that will go off when the set time expires.

To activate it:

- 1 **with the oven on**, press the **clock** key;
- 2 the display will show **after how long the acoustic signal will sound** (in the example 3.3 that is three minutes and thirty seconds): if you wish to change this time, use the "+" or "-" keys until the display shows the desired time (e.g. 5.2 that is five minutes and twenty seconds).

After setting it, the countdown starts, at the end of which a buzzer will sound to highlight the end of cooking.

To stop the buzzer, press the **clock** key.

 **Warning!** **the oven continues heating** when the buzzer goes off!

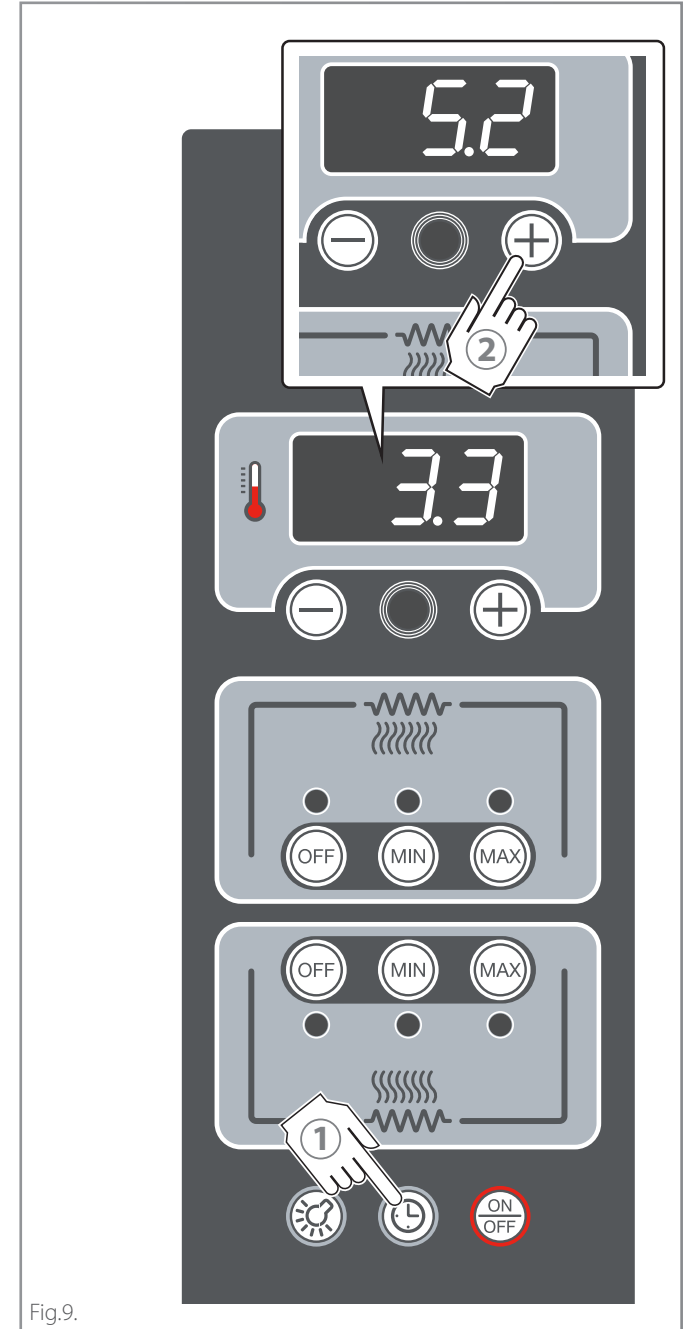


Fig.9.

# Using CD models

## C - Starting cooking

### ► Fig.10.

Once preheating is complete, you can start cooking and bake the products using personal protection equipment (e.g. gloves) and tools suitable for contact with food and made of material resistant to high temperatures (e.g. steel).



For optimal results, always adhere to the oven capacity declared by the Manufacturer and position the products to be cooked evenly in the cooking chamber.

During cooking, it is always possible to change any value by acting as usual.



*During cooking, the heating element LED may switch back on; this means the elements have come back on to keep the set temperature constant.*

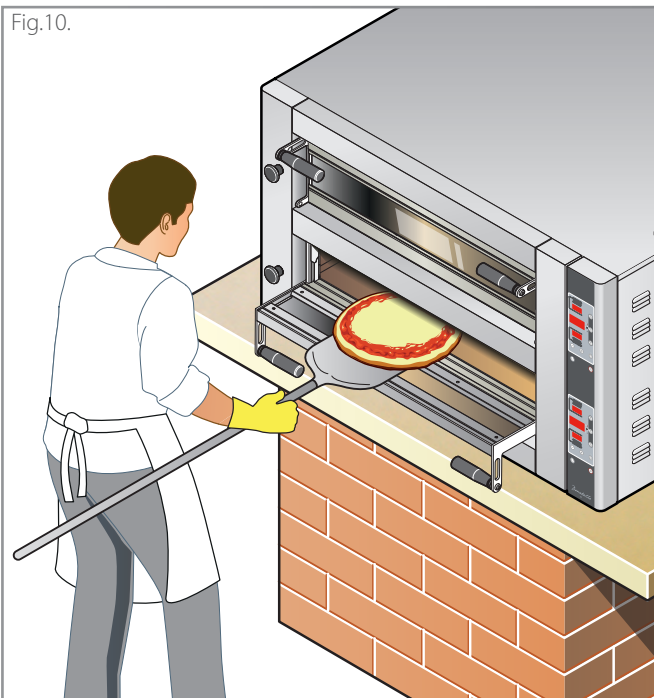


Fig.10.

## E - Switching the light on (optional)

### ► Fig.11.

With the oven both off and on, the light can be switched on acting on the **light** key, as required. Press the same key to switch it off.

## F - Opening / closing the chamber steam bleed valve

On the front left of the oven there is a valve that opens and closes the steam bleed valve: this is used to maintain in the cooking chamber the humidity level most suitable for the type of product to be cooked.

### ► Fig.12.

To open the valve and get the steam out of the chamber, pull the valve outwards "1". To close it again, simply push the valve to the initial position "2".

## G - Switching the oven off

### ► Fig.13.

To switch the oven off, keep the **ON/OFF** key pressed for about 2 seconds.

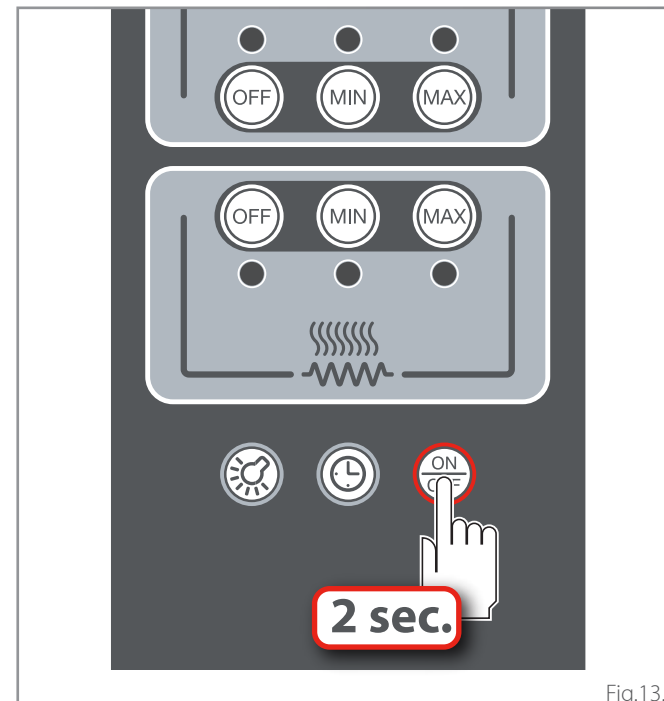


Fig.13.

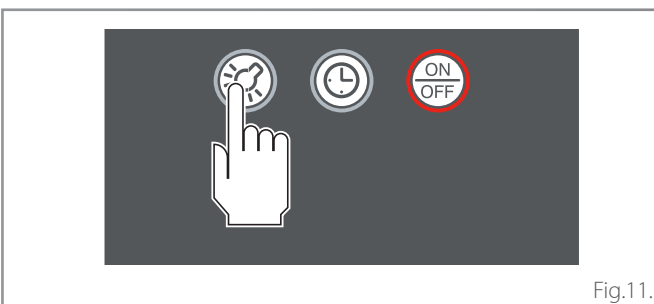


Fig.11.

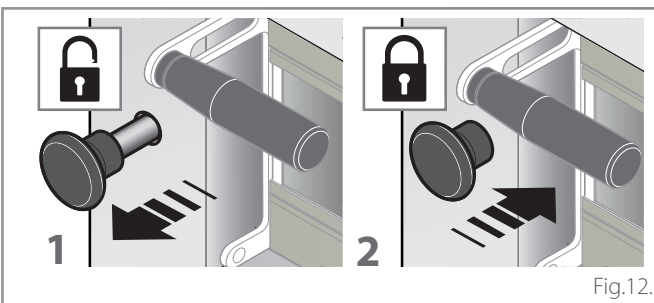


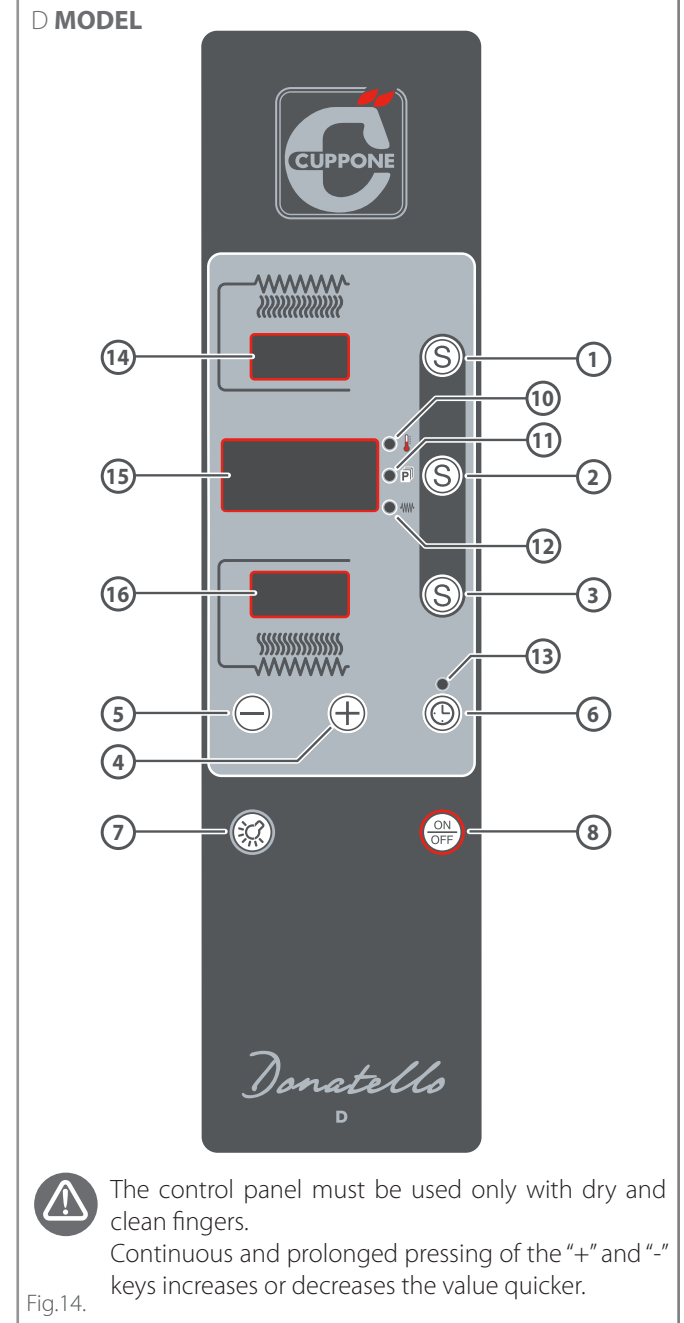
Fig.12.

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## Knowing the control panel ▶ Fig.14.

- 1 Top setting**  
Allows entering and exiting the top elements percentage setting.
- 2 Setting the chamber**  
Pressing it once allows entering the chamber temperature setting; pressing it a second time, if done within two seconds of the first, allows entering program selection.
- 3 Setting the bottom**  
Allows entering and exiting the bottom elements percentage setting.
- 4 Up key**  
Allows increasing the chamber temperature values, top elements percentage, bottom elements percentage, countdown time and program number.
- 5 Down key**  
Allows decreasing the chamber temperature values, top elements percentage, bottom elements percentage, countdown time and program number.
- 6 Clock key**  
Allows activating the "buzzer" and "countdown" function.
- 7 Light key**  
Switches the light in the cooking chamber on and off
- 8 ON/OFF key**  
Activates and deactivates the oven.
- 10 LED 1**  
If ON, it shows that the user is setting the chamber temperature.
- 11 LED 2**  
If ON, it shows that the user is selecting a program.
- 12 LED 3**  
If ON, it shows the elements are heating
- 13 LED 4**  
If flashing, it shows the countdown has been activated.
- 14 Display 1**  
Displays the value of top elements operation percentage.
- 15 Display 2 displays:**
  - temperature in the chamber,
  - set temperature,
  - number of selected program,
  - intervention time of the end-of-cooking warning (buzzer),
  - countdown time.
- 16 Display 3**  
Displays the value of bottom elements operation percentage.



## Use guided procedure

The oven can be switched on:

- **manually:** switching the oven on when it must be used ▶ it is necessary to wait at least an hour for the oven to preheat and get the right temperature.

See ▶ chapter “**Manual switch-on**” on page 14 and Fig.15.

- **programming it:** setting the number of hours missing to the next switch-on ▶ the oven will switch on automatically.

See ▶ chapter “**Programmed switch-on**” on page 14 and Fig.16.

- **automatically:** using a clock or SMS (with external modules not supplied by the Manufacturer).

The start of a preheating or cooking cycle can be carried out:

- **manually** ▶ the user manually sets the parameters of the chamber temperature, top power, bottom power. The values entered are not stored and must be reset each time the power is turned on.

See ▶ chapter “**Setting parameters in manual mode**” on page 15 and ▶ Fig.17.

- **using previously stored programs** ▶ the user must choose the recipe that best suits the product to be cooked. If, during the pre-heating or cooking cycles, you change the parameters of the selected recipe (e.g. the temperature is increased), the changes will affect **only the cooking in progress** and will not change the original recipe (temporary effect).

See ▶ chapter “**Using a previously stored program**” on page 16 and ▶ Fig.18.

## A - Turning the oven on

### Manual switch-on

▶ Fig.15.

Press the **ON/OFF** button: the oven turns on displaying the parameters of the last program used before it was turned off.

- the **display A** shows the percentage of the upper elements (top power) set for the program being used;
- the **display B** shows the current temperature in the cooking chamber (e.g. 25°C - 77°F); to display the temperature set for the program (e.g. 320°C - 608°F) press the button (S) (B1) once (the temperature LED (P) will light up); to find out the name of the program you are using, quickly press the same button (S) (B2) again (the program LED (P) will light up);
- the **display C** shows the percentage of the lower elements (bottom power) set for the program being used.

### Programmed switch-on



The programmed switch-on function is very useful because the oven can be already hot, and therefore ready to cook, when the restaurant is opened. The oven is fitted with a “countdown” function for automatic switch-on.

▶ Fig.16.

- 1 **With the oven off**, press the **clock** key;
- 2 while the display is flashing (B), using the “+” or “-” keys, set the desired time (maximum limit 99.5 that is 99 hours and 50 minutes, in the example 02.2 = 2 hours and 20 min.).
- 3 When the display stops flashing, (B) the set value will be stored, the other two displays will switch off and the countdown will start; the LED flashing (O) shows that the function is active.

At the end of the programmed time, the oven switches on and displays the parameters of the last program used before switch-off.

If you wish to stop the “programmed switch-on” function, press the **clock** key or the **ON/OFF** key.

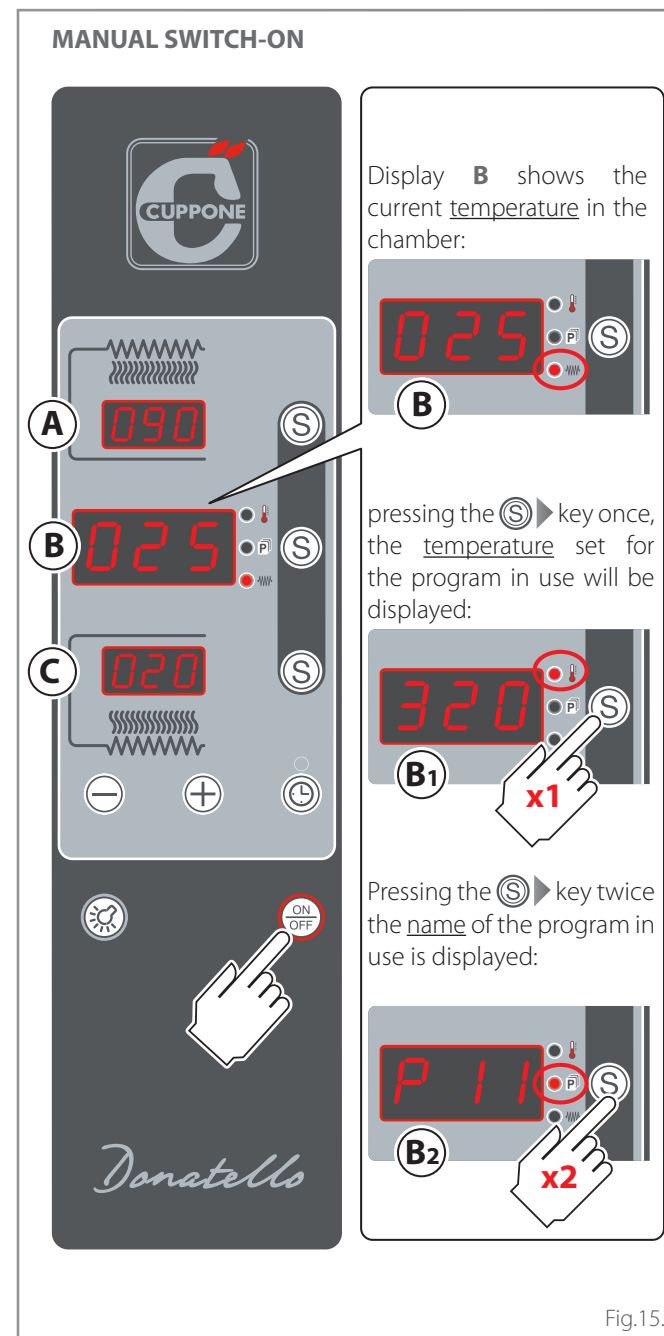
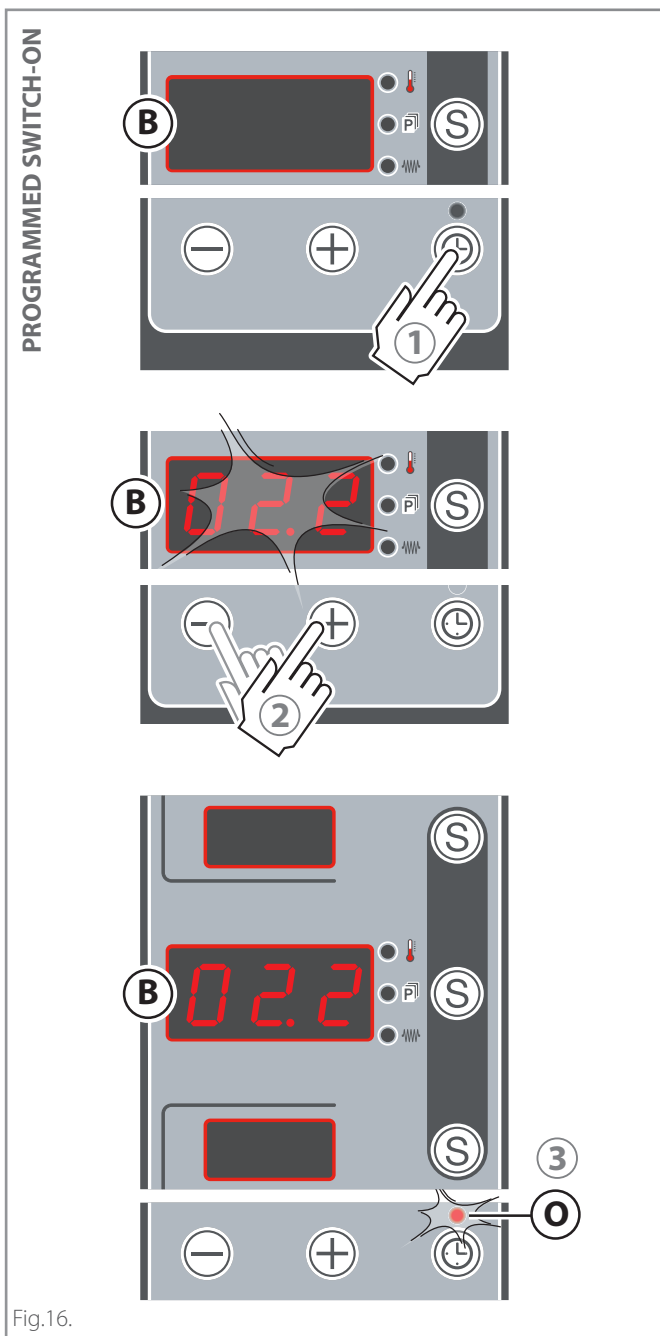


Fig.15.



## B - Setting the preheating

Pre-heating must have the same cooking parameters as the recipe to be used (see table on page 8, pre-heating information). It must be carried out without products in the cooking chamber and takes about an hour for the oven to be ready for cooking.

As already explained, preheating and cooking can be set manually or using previously stored programs:

▶ chapter **"Setting parameters in manual mode"** on page 15

▶ chapter **"Using a previously stored program"** on page 16

## Setting parameters in manual mode

▶ **Fig.17.**

The user can set the parameters of the chamber temperature, top power, bottom power manually.


The values entered are not stored and must be reset each time the power is turned on.

Proceed as follows:

### • SETTING THE TOP POWER

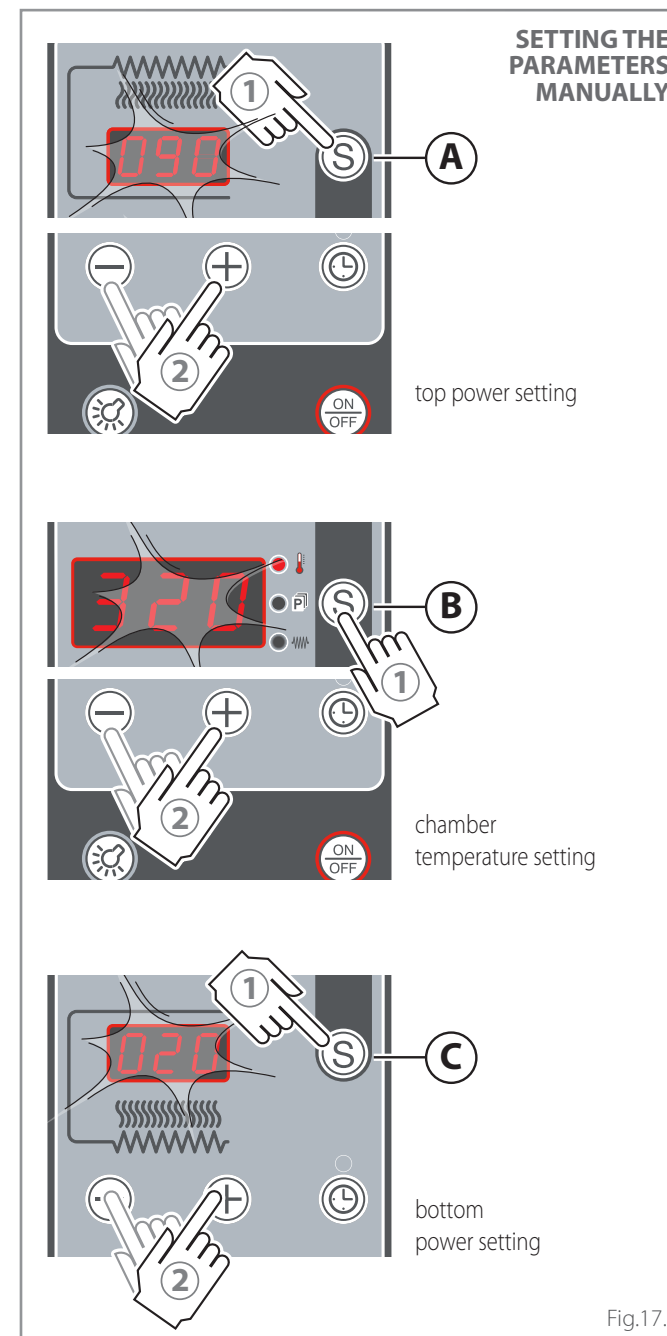
- ① enter the mode pressing the (S) (A) key;
  - ② it will be possible to change the displayed value using the "+" and "-" keys while the display is flashing.
- The value will be programmed when it stops flashing.

### • SETTING THE CHAMBER TEMPERATURE

- ① enter the mode pressing the (S) (B) key: the temperature LED  switches on;
  - ② it will be possible to change the displayed value using the "+" and "-" keys while the display is flashing.
- The value will be programmed when it stops flashing.

### • SETTING THE BOTTOM POWER

- ① enter the mode pressing the (S) (C) key;
  - ② it will be possible to change the displayed value using the "+" and "-" keys while the display is flashing.
- The value will be programmed when it stops flashing.



## Using a previously stored program

► Fig.18.

- ① Press the **(S)** key twice quickly: the program LED switches on **(P)**, the display **(B)** shows the program being used (e.g. P11) while displays **(A)** and **(C)** show the percentage of the elements set in that program.
- ② If you wish to know also the temperature set for the displayed program, press key **(S)** (the temperature LED will switch on **(T)**). To display the name of the program again, press key **(S)** again.
- ③ To select a different program, when display **(B)** shows the name of the program being used (e.g. P11), press the keys "+" and "-" to scroll the list of the 99 available programs.

## C - Starting pre-heating or cooking

After manually setting the parameters or viewing the desired program on the display, the oven immediately starts heating without having to do anything else.

► Fig.19.

If the "heating elements" LED is on, the heating elements are active to bring the oven up to temperature.  
If the "heating elements" LED is off, the oven has reached the set temperature and is ready for cooking.

If, during cooking, it is necessary to modify the parameters of the displayed program **(B)**, act as explained in ► Fig.17.  
The changes made will affect **only the program in progress** and not the original recipe (temporary effect). To modify the original recipe permanently, see page 16.

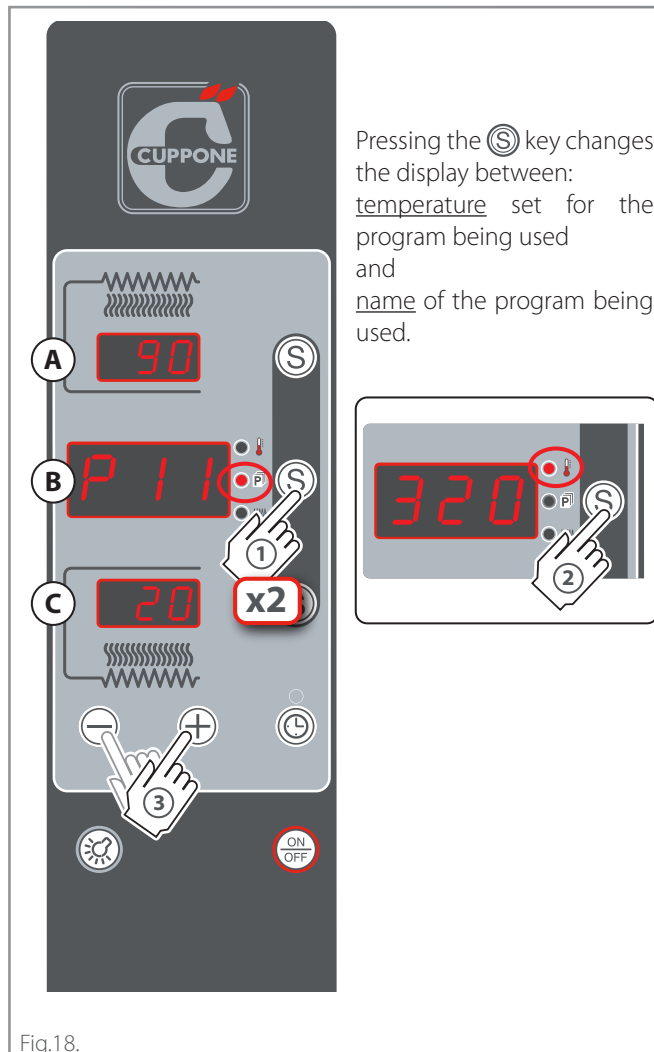


Fig.18.

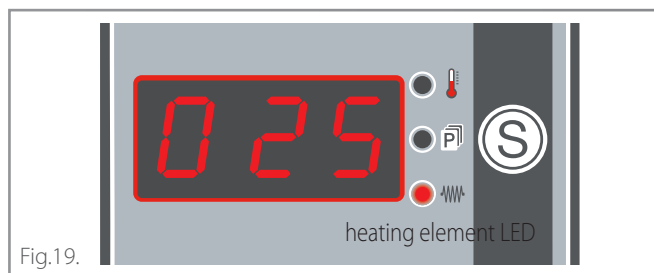


Fig.19.

## Creating - modifying cooking programs permanently

► Fig.20.

To set and modify the parameters of the stored programs **"permanently"**:

- ① **With the oven switched off**, keep key **(S)** pressed for 4 seconds (all displays light up).
- ② Press the key again **(S)**; the display **(B)** shows the program being worked on and the program LED **(P)** lights up.
- ③ Using the keys "+" and "-", scroll the programs until you find the one you wish to change.

► Fig.21.

When the display **(B)** shows the program you wish to change, you can vary its parameters acting as explained below. Careful, go from one setting to the other while the displays are flashing. If you wait too long, the displays switch off and you exit programming (the changes made are saved anyway).

### • SETTING THE TOP POWER

- ① enter the mode pressing the **(S) (A)** key;
- ② it will be possible to change the displayed value using the "+" and "-" keys while the display is flashing.

### • SETTING THE CHAMBER TEMPERATURE

- ① enter the mode pressing the **(S) (B)** key: the temperature LED **(T)** switches on;
- ② it will be possible to change the displayed value using the "+" and "-" keys while the display is flashing.

### • SETTING THE BOTTOM POWER

- ① enter the mode pressing the **(S) (C)** key;
- ② it will be possible to change the displayed value using the "+" and "-" keys while the display is flashing.



# Using D models

To exit the settings and save your changes, wait for the displays to go off or keep the key (S) next to the display (B) pressed until all displays go off.

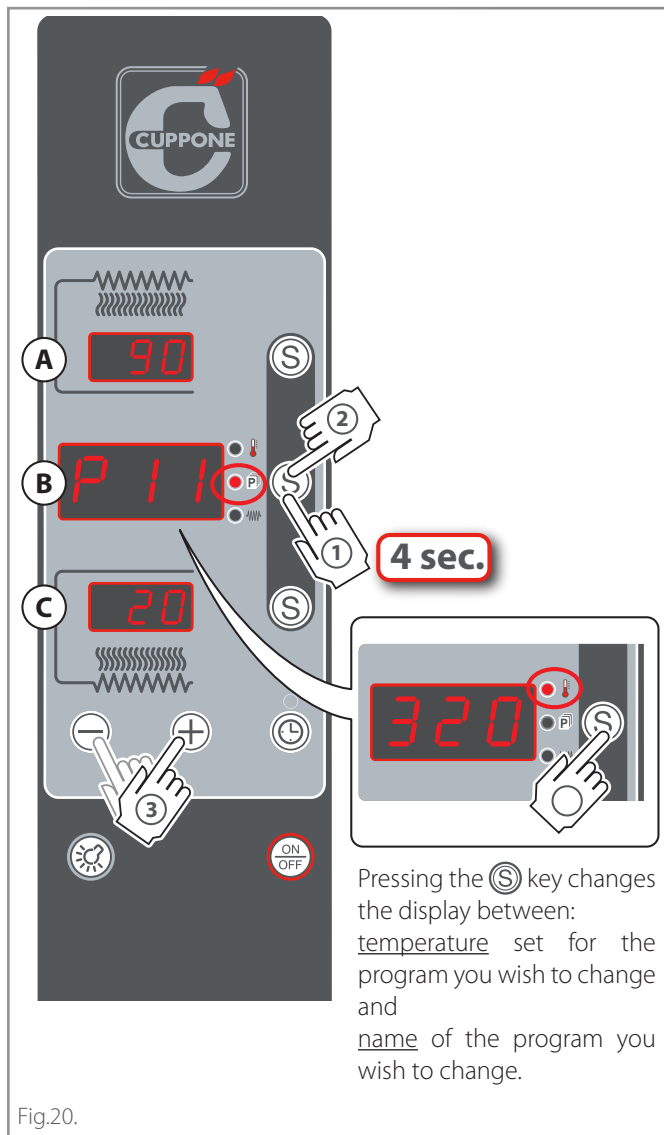


Fig.20.

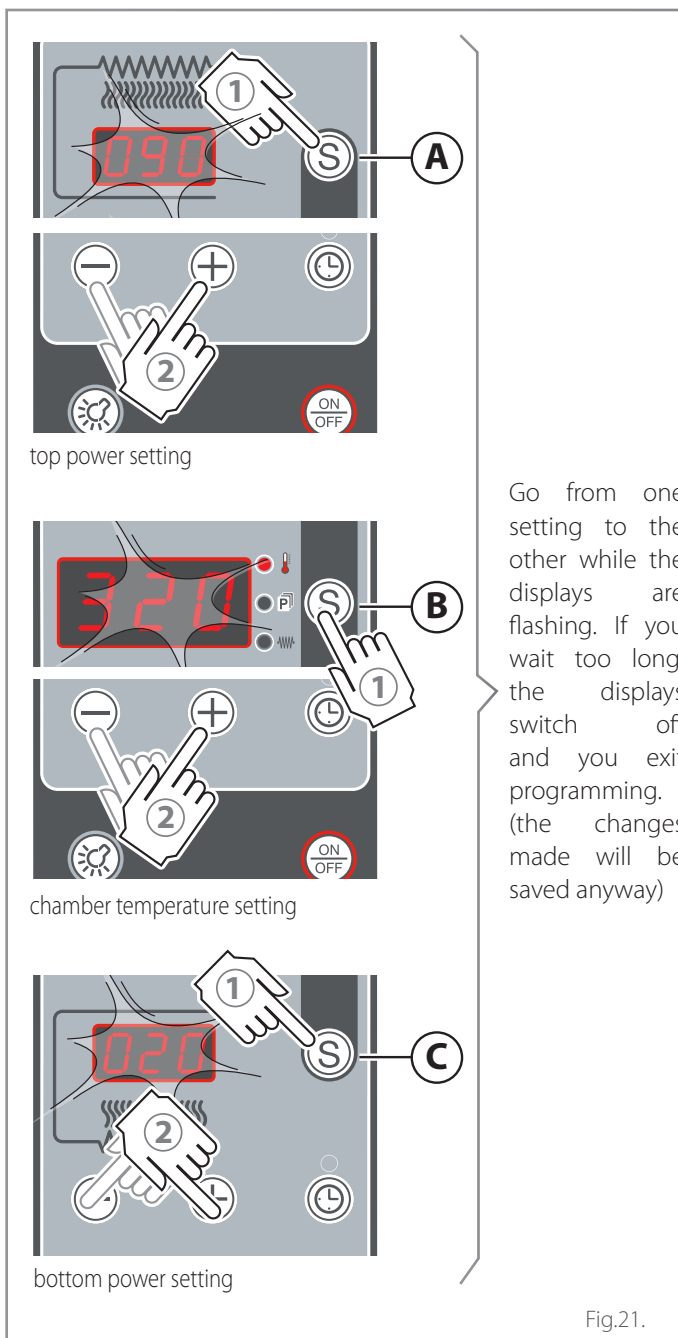


Fig.21.

## C - Activating an end-of-cooking signal (buzzer)

If you wish, you can enable a buzzer that will go off when the set time expires.

► Fig.22.

- 1 With the oven on press the **clock** key;
- 2 Set the desired time using the "+" or "-" keys. The display (B) shows after how much time the buzzer will go off (e.g. 01.1 that is 1 minute and ten seconds).

After setting it, the countdown starts, at the end of which a buzzer will sound to highlight the end of cooking.

To stop the buzzer, press the **clock** key.

Warning: the oven continues heating when the buzzer goes off!

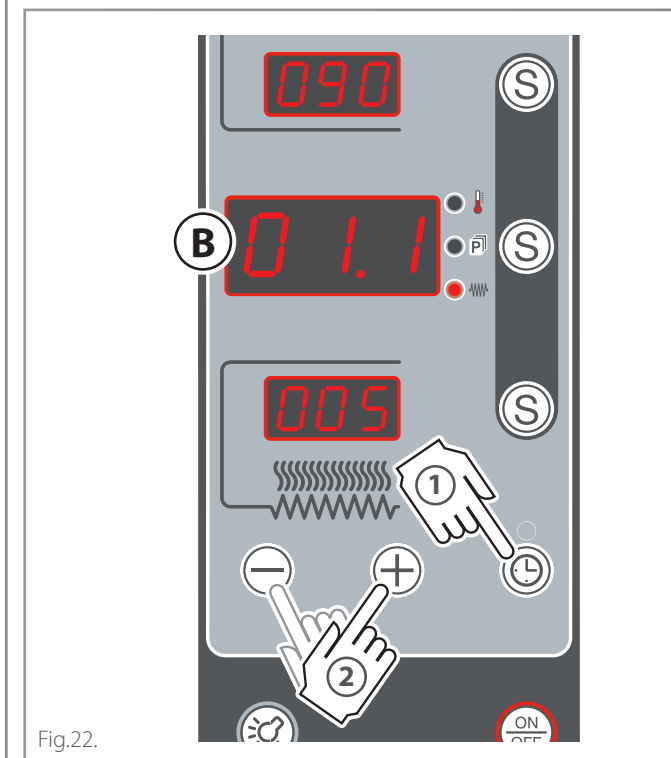


Fig.22.

# Using D models

## C - Starting cooking

### ► Fig.23.

Once preheating is complete, you can start cooking and bake the products using personal protection equipment (e.g. gloves) and tools suitable for contact with food and made of material resistant to high temperatures (e.g. steel).



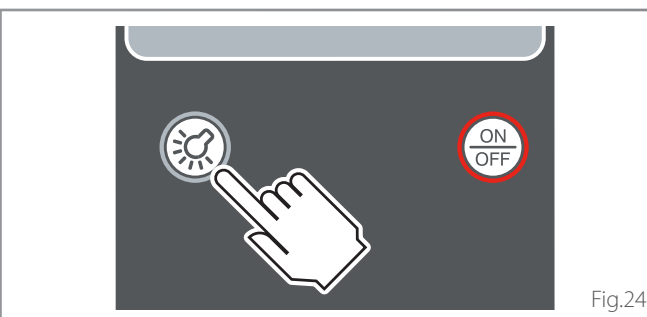
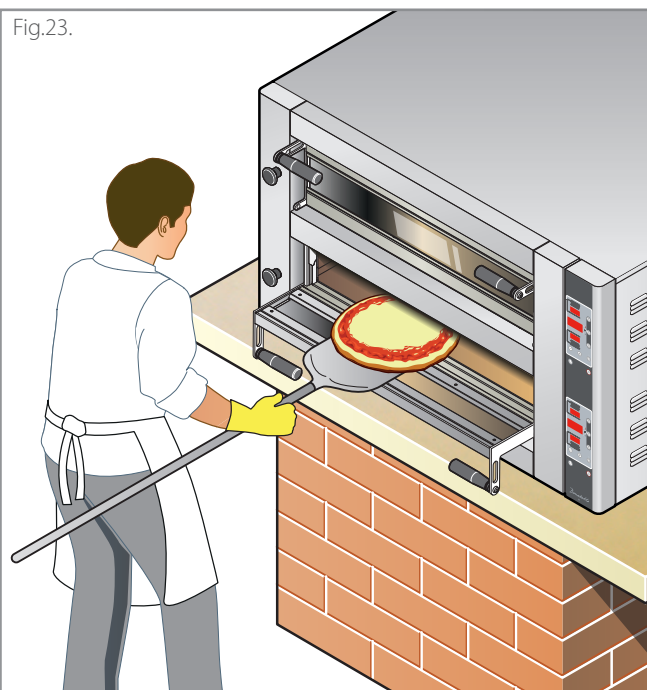
For optimal results, always adhere to the oven capacity declared by the Manufacturer and position the products to be cooked evenly in the cooking chamber.

During cooking, it is always possible to change any value by acting as usual. If a pre-set program is being used the changes made will affect **only the cooking in progress** and not the original recipe (temporary effect).

To modify the original recipe permanently, see page [16](#).



*During cooking, the heating element LED may switch back on; this means the elements have come back on to keep the set temperature constant.*



## E - Switching the light on (optional)

### ► Fig.24.

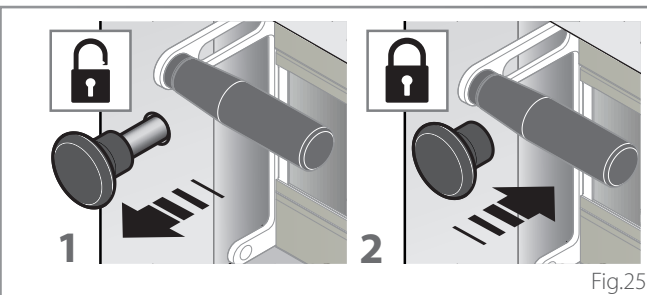
With the oven both off and on, the light can be switched on acting on the **light** key, as required. Press the same key to switch it off.

## F - Opening/ closing the chamber steam bleed valve

On the front left of the oven there is a valve that opens and closes the steam bleed valve: this is used to maintain in the cooking chamber the humidity level most suitable for the type of product to be cooked.

### ► Fig.25.

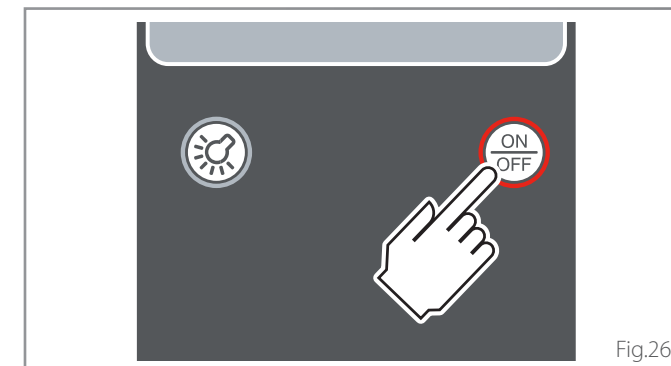
To open the valve and get the steam out of the chamber, pull the valve outwards "1". To close it again, simply push the valve to the initial position "2".



## G - Switching the oven off


### ► Fig.26.


Pressing the **ON/OFF** key switches the oven off. When it is switched on again, the oven will repeat the last program used before switching off, without the changes made manually during cooking (temporary changes).



# Maintenance and cleaning


## Warnings

 Before any cleaning, it is necessary to **switch off the power** to the appliance (acting on the system switch) and wear suitable personal protection equipment (e.g. gloves, etc.). The user must carry out only routine maintenance, for extraordinary maintenance, contact a Service Centre requesting service from an authorised technician. The Manufacturer warranty does not cover damages due to negligent or incorrect maintenance or cleaning (e.g. use of unsuitable detergents).

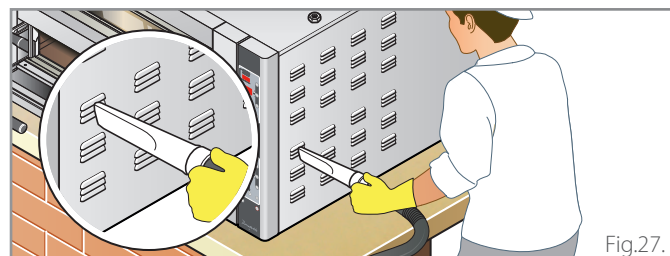
 **Any cleaning must be carried out with the oven completely cold and wearing adequate personal protection devices (e.g. gloves, etc.).**

 When cleaning any part or accessory do NOT use:

- abrasive or powder detergents;
- aggressive or corrosive detergents (e.g. hydrochloric or sulphuric acid, caustic soda, etc.). Caution! Never use these substances also when cleaning the substructure/floor under the appliance or its base;
- abrasive or sharp tools (e.g. abrasive sponges, scrapers, steel brushes, etc.);
- steamed or pressurised water jets.

 It is best to have a service centre perform maintenance and inspection on the appliance at least once a year to ensure top working and safety conditions.

Keep the vents of the electrical compartment clean and clear.



## Oven cleaning

### Cleaning the external steel parts

Use a cloth dampened with hot soapy water and end with rinsing and drying.


### Cleaning the glass

Clean any glass with a soft cloth and special glass detergent.

### Cleaning the display

Clean the display with a soft cloth and a little detergent for delicate surfaces. Avoid using considerable quantities of product since any infiltration may damage the display. Avoid also using very aggressive detergents that may damage the material the display is made of (polycarbonate).

### Cleaning the refractory surface

 *On the refractory surface, there are normally some food residues (e.g. fat, food residues, etc.) that must be removed frequently for health and safety reasons.*

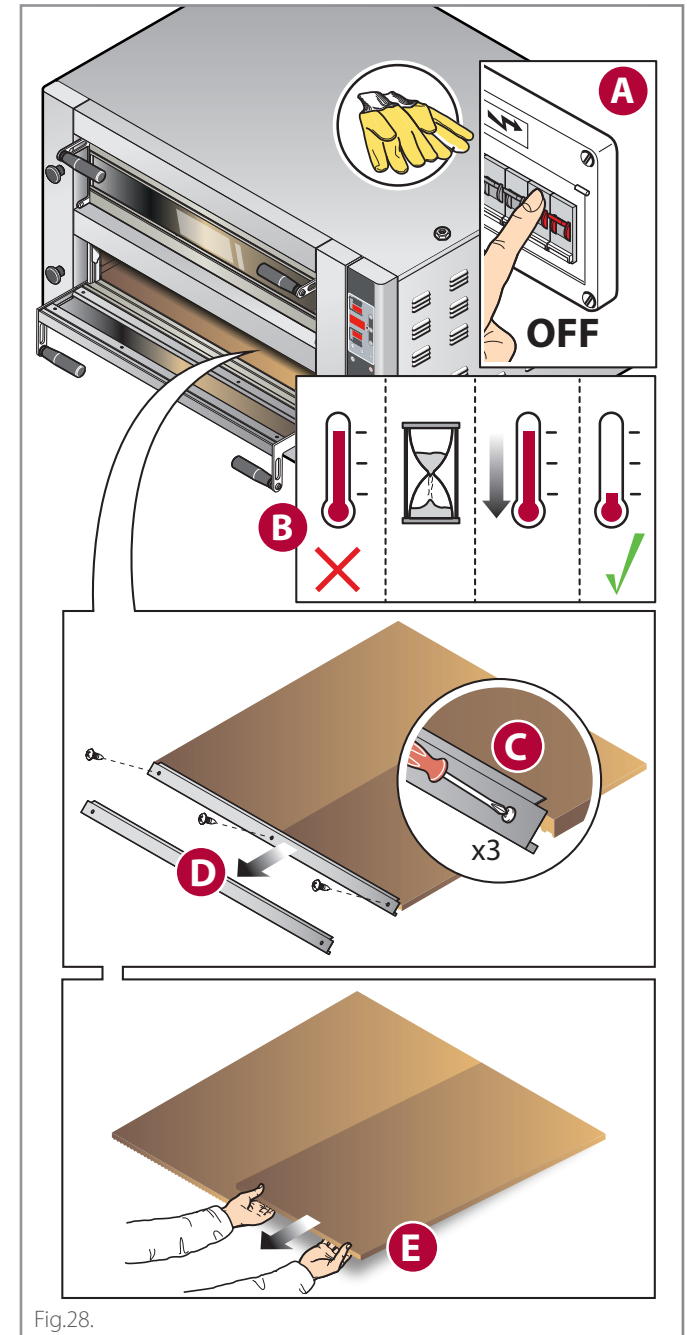
Remove the coarser food residues with a natural fibre brush; then, if necessary, remove the refractory bricks of the cooking surface as shown in the figure and suck the carbonized residues accumulated under them on the bottom of the oven with an ash extraction bin.

Never use liquids to clean the refractory surface.

 While reinserting the bricks, be careful not to pinch your fingers.

 *Replacement refractory bricks can be obtained from the Manufacturer on request.*

If the use of a natural fibre brush to eliminate food residues from the refractory surface is not sufficient, see chapter "Pyrolysis cleaning" on page. **20**



## Manual setting of pyrolysis parameters

Pyrolysis is a thermochemical crystallization process of food residues that have deposited in the cooking chamber, which takes place by bringing the oven up to 400°C - 752°F.

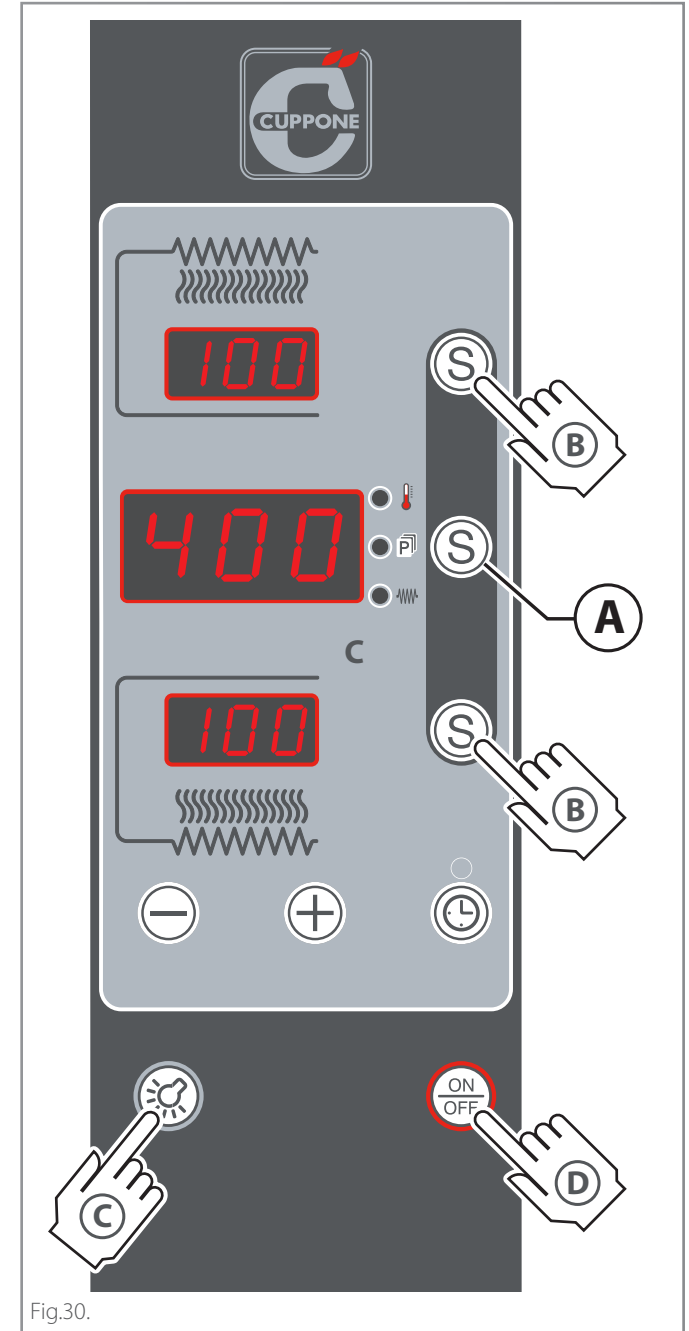
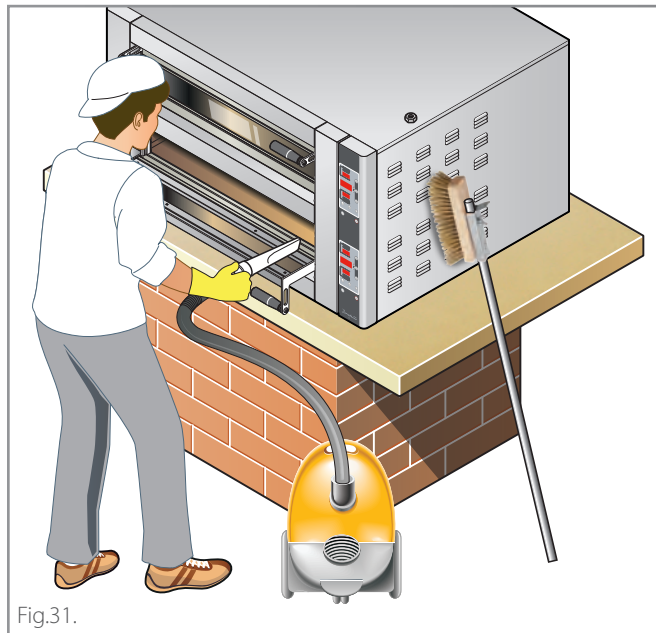
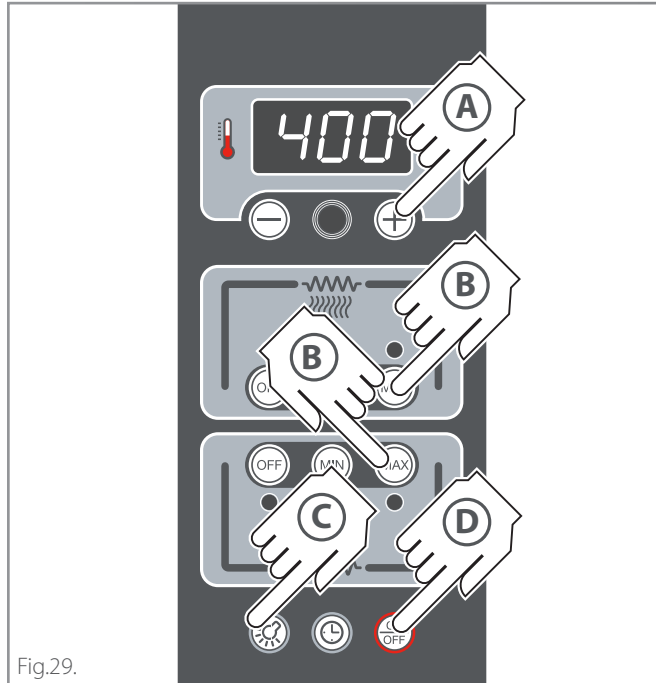
- ⚠ Before starting the pyrolysis, remove the coarser food residues with a natural fibre brush.

### CD model ovens ► Fig.29.

- Ⓐ Set the **chamber temperature to 400°C - 752°F**;
- Ⓑ acting on the "MIN" e "MAX" keys, set both the **top** and **bottom power to MAX**;
- Ⓒ switch the cooking chamber lights off;
- Ⓓ when the temperature is reached, switch the oven off with the **ON/OFF** key and let it cool down with the door closed;
- Ⓔ in a cold oven, clean the chamber from the crystallized food residues using a natural fibre brush and then vacuum with an ash extraction bin ► [Fig.31](#).


### D model ovens ► Fig.30.


- Ⓐ Set the **chamber temperature to 400°C - 752°F**;
- Ⓑ set the **top** and **bottom power to 100%** see manual settings;
- Ⓒ switch the lights in the cooking chamber off;
- Ⓓ when the temperature is reached, switch the oven off with the ON/OFF key and let it cool down with the door closed;
- Ⓔ with a cold oven, clean the chamber from the crystallized food residues using a natural fibre brush and then vacuum with an ash extraction bin ► [Fig.31](#).




# Maintenance and cleaning

## Replacing components

 The user must replace **only** the stated components: in case of a fault or for extraordinary maintenance, contact the Retailer requesting service from an authorised technician. As replacements, always use original spare parts to be requested from the Retailer: using non original parts might cause injuries to people, non optimal performance and even serious damage of the appliance itself.

 Before any replacement, it is necessary to **switch off the power** to the appliance (acting on the system switch) and wear suitable personal protection equipment (e.g. gloves, etc.).

 **Any replacement must be carried out with the oven completely cold and wearing adequate personal protection devices (e.g. gloves, etc.).**

## Replacing the door glass

► [Fig.32.](#)

## Replacing the internal bulb and glass

► [Fig.33.](#)

Before replacing the bulb, **switch off the power** to the appliance (acting on the system switch); it is not enough to use the **ON/OFF** key, because bulbs can still be live.

**Never press the bulb glass with your bare hands**; always wear gloves.

Never switch the oven on without having refitted the bulb protective glass; replace it straight away if it breaks.

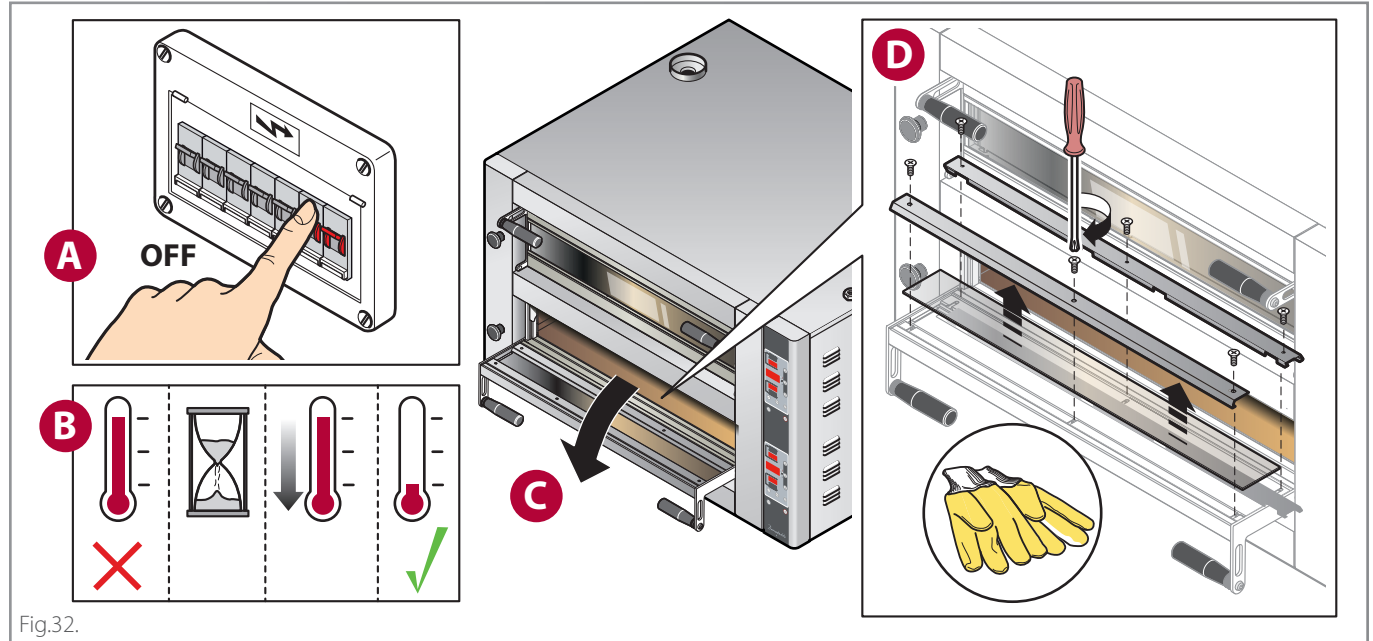


Fig.32.

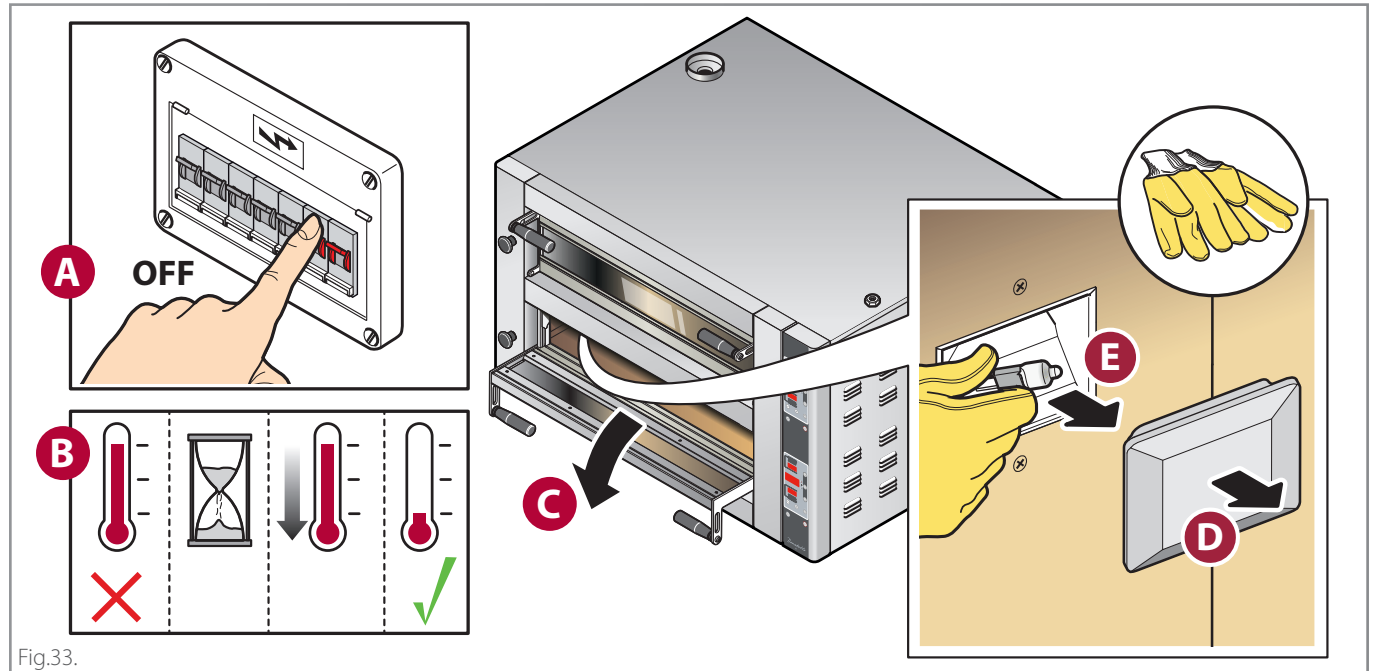


Fig.33.

## Replacing the refractory bricks

► Fig.34.

## Replacing the door handle

► Fig.35.

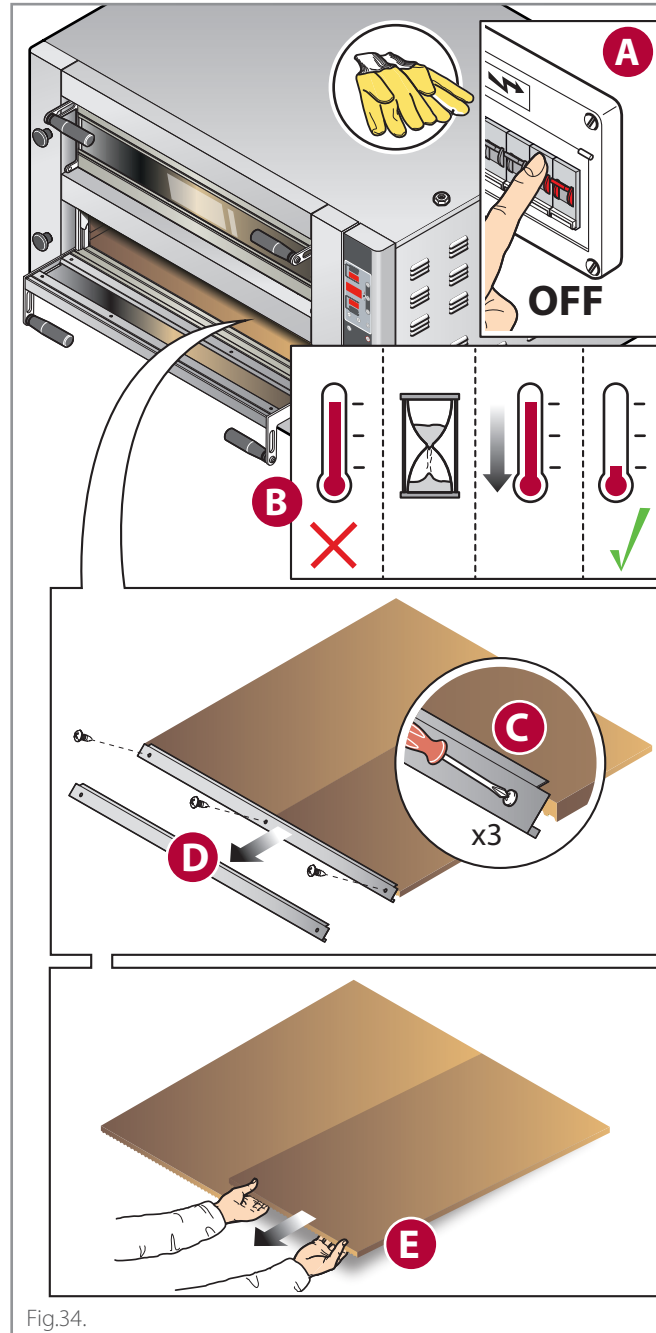


Fig.34.

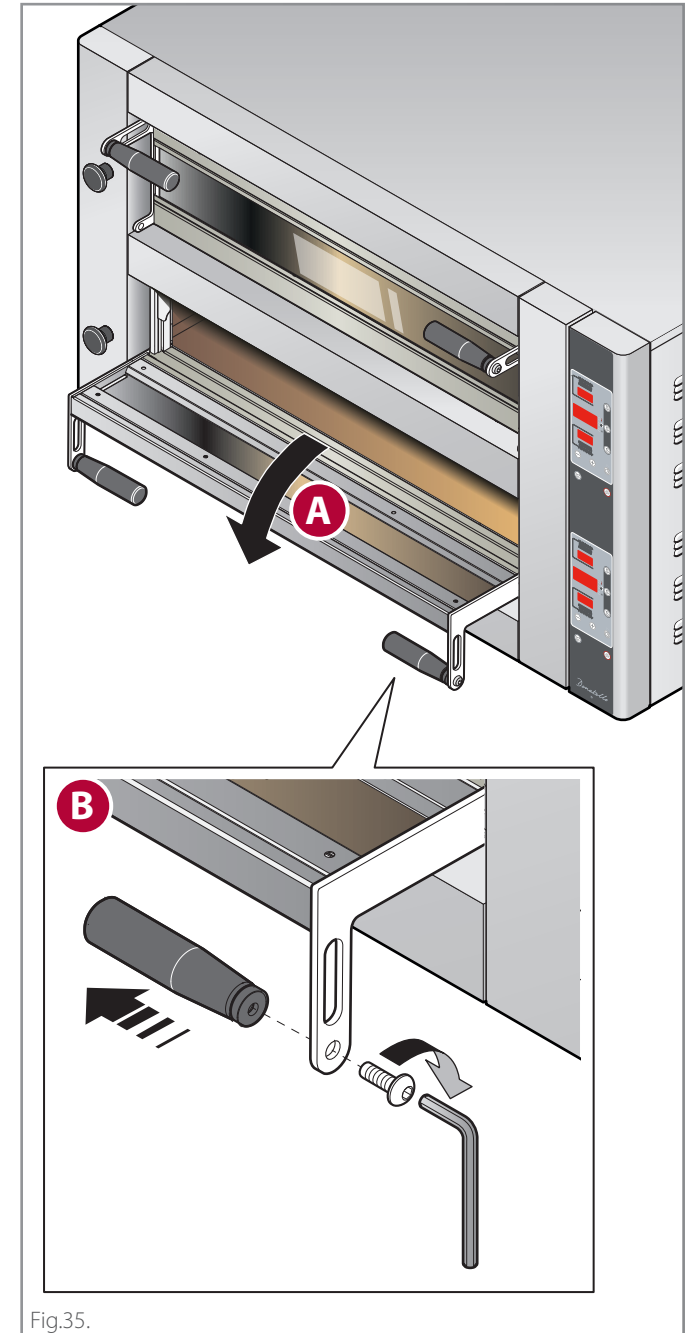


Fig.35.

## Oven downtime for prolonged periods

During any downtime, switch the power off. Protect the steel outside surfaces passing over them with a soft cloth slightly damp with Vaseline oil.

Leave the door ajar to guarantee correct ventilation.

Before resuming operations:

- accurately clean the equipment and accessories;
- reconnect the equipment to the power;
- inspect the equipment before using it.

## Disposal at end of life



To avoid any unauthorised use and associated risks, before discarding the machine make sure it cannot be used; for this purpose, cut and remove the power cord (once the equipment is unplugged).

Make sure no child can accidentally remain trapped inside the cooking chamber, locking the door (for example, with adhesive tape or locks).

### Equipment disposal



Pursuant to art. 13 of Legislative Decree no. 49 of 2014 "Implementation of WEEE directive 2012/19/EU on electric and electronic waste", the barred bin symbol specifies that the product was introduced on the market after August 13, 2005 and that it must not be discarded with other waste at the end of its working life but disposed of separately. All the equipment has been made with recyclable metal materials (stainless steel, iron, aluminium, zinc plate, copper, etc.) that as a percentage make up more than 90% of the weight. Attention must be paid to the management of this product at the end of its life, reducing any negative impact on the environment and improving the efficiency of resources, applying the principles of "who pollutes pays", prevention, preparation for re-use, recycling and recovery. Please remember that illicit or incorrect product disposal is punishable by law.

### Information on disposal in Italy

WEEE equipment in Italy must be delivered to:

- to Collection Centres (also named eco-islands or eco-platforms)
- the dealer where new equipment is purchased who must withdraw it free of charge ("one to one" withdrawal).

### Information on disposal in European Union countries

The EU Directives on WEEE equipment has been adopted in different ways by different countries, therefore in order to dispose of this equipment correctly we suggest that you contact your local authority or your dealer in order to ask the correct method of disposal.

## Disposing of ashes and food residues



The ash and food residues removed with cleaning must be disposed of according to the regulations in force in the country where the oven is used.

If in doubt, we suggest contacting the local authorities to ask for the correct method of disposal.

While waiting for disposal, the ash and food residues must be stored in fireproof metal cans, resistant to high temperatures and provided with a lid that must always remain closed.

Keep the latter away from the elements and in a place inaccessible to children and animals.

Do not approach materials that can be flammable, explosive or heat-sensitive.

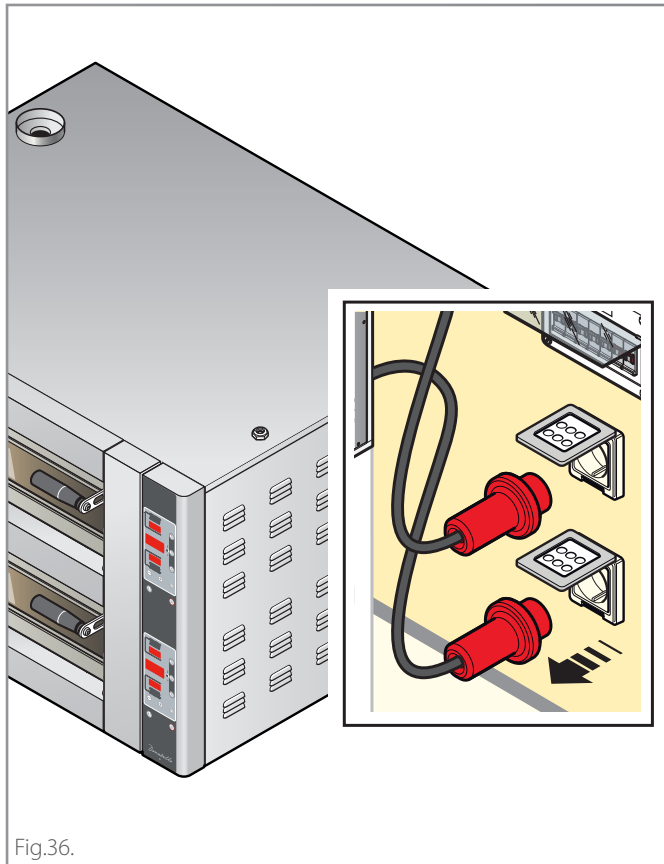


Fig.36.

# Warranty

- 8.1 Each Product sold is to be considered compliant when delivered in the quantity, quality and type indicated in the written Confirmation. Please refer to the provisions of art. 1.1.
- 8.2 The Seller warranties:
  - (a) that the Products are free from defects in material and workmanship, and
  - (b) that (except in the case of defects known or to be known by the Buyer) the Products are of merchantable quality.
- 8.3 Any hidden defects of the Products must be reported in writing by the Buyer within 8 days of discovery, under penalty of forfeiture. Packaging defects are excluded - even if they have caused defects or damage to the internal Products; in fact, packaging defects have to be reported at the time of delivery, pursuant to art. 5.8 of the present General Conditions of Sale.
- Written notices by the Buyer for the Products defective shall contain a full description of the defects and faults as well as the mention of the delivery date and that of defect discovery of the Products.
- Warranty is excluded if the defect derives from the Buyer's actions, such as (and not limited to) incorrect installation of the Product, use of the Product in a manner that does not comply with the normal method of use, failure to comply with the instructions contained in the "user and installation manual", tampering with the Product. Warranty does not cover normal wear and tear of the Product due to use.
- The seller is responsible for defects that occur within one year from the activation of the warranty as provided for in art. 8.12 of the present General Conditions of Sale.
- 8.4 The Seller shall have the right to examine, or have a representative examine, the defective Product and, should the existence of the defect be ascertained, the Buyer shall be entitled to repair or replacement, at the sole final decision of the Seller.
- Once the defect is reported, the Buyer must not use the Product until it is examined by the Seller or by their deputy. In case the Seller realises that the Product was used after the notification of the complaint, the Buyer loses the right to obtain replacement or repair.
- 8.5 Replacement or repair will take place under the following terms:
  - a) The Seller may repair the defective Products by going - or sending a deputy - to the place where such Products are located;
  - b) Alternatively, the Seller may repair the defective Product at its own factory, or other place chosen by the Seller;
  - c) Or alternatively, the Seller may opt for the replacement of the defective Products.
- In case the repair / replacement of the Products is not possible, the Seller will pay the Buyer a refund. Such refund shall be subjected to quantification, yet must not exceed the price paid for the Products. Any compensation for damage is excluded.
- 8.6 In case of repair of the Products at a place chosen by the Seller or in case of replacement of the defective Products, the shipment of the Product will be charged to the Buyer who must send them, at his own expense and risk, to the place indicated by the Seller.
- 8.7 In no case shall the Seller be held liable for any indirect or consequential damages and/or loss of profit that the Buyer may suffer arising out of or caused by defective or faulty Products such as (but not limited to) cancellation of orders by customers, penalties for late deliveries, forfeitures or indemnifications of whatsoever nature.
- 8.8 The Seller shall indemnify and hold the Buyer harmless from any liability or prejudices arising out of defective or faulty Products, unless the alleged liability arises from any negligent act or omission by the Buyer or any failure by the Buyer to perform its obligations.
- 8.9 The Seller shall not be liable for damage to persons and / or property that may derive from improper use of the Products and / or from any use, processing or transformation of the Products that do not comply with their intended use and / or with the instructions provided by the Seller, except the case of gross negligence or wilful misconduct by the Seller.
- The Seller will also not be liable in the event of damage to persons or property or in the case of malfunction or damage or deterioration of the Product deriving from the fact that the Product has been connected to a non-compliant electrical system.
- 8.10 The Buyer shall not be able to raise any claim for personal injury or damage to property other than those which are the subject of the contract, or for loss of profit, unless it is clear from the circumstances of the case that the Seller committed "gross negligence".
- 8.11 "Gross negligence" shall not include any and all lack of adequate care and expertise, but it is to be intended as an act or omission by the Seller which implies either a failure to consider any serious risk that a conscientious supplier would

normally have foreseen as likely to occur, or a deliberate neglect of any risk deriving from such act or omission.

- 8.12 The validity of the Warranty hereto referred is subject to activation on the website [www.cuppone.com](http://www.cuppone.com) within 48 hours after the time the Product is installed.

## Spare parts

- 9.1 Until and within 10 years as of the delivery of the Product, the Seller undertakes to assist the Buyer in identifying the spare parts for the maintenance of the Product (if it is so requested by the Buyer). In any case, the Seller is in no way responsible for the failure to identify such sources.

## Applicable law and multi-step clause

- 11.1 The Italian law, as the law of the Seller, shall govern the sale under the present Terms and Conditions of sale.
- 11.2 Both the Seller and the Buyer exclude the application of the Vienna Convention.
- 11.3 The parties shall defer the disputes arising out of the present contract to a mediation attempt managed by the Service of Mediation of the Chamber of Arbitration of Milan.
- If the mediation attempt fails, all disputes - included those of not contractual nature - arising out of, related or connected to the present General Conditions of Sale shall be settled by arbitration under the Rules of the Chamber of Arbitration of Milan (the Rules), by a sole arbitrator / three arbitrators, appointed in accordance with the Rules, which are deemed to be incorporated by reference into this clause. The Arbitral Tribunal will judge according to the Italian law. The seat of the arbitration will be in Milan (Italy). The language of the arbitration will be Italian.



# Something is not working...

## What to do in case of any malfunction

- Try and check the table on this page. If none of the proposed solutions solves the problem, continue reading the following procedure.

- Check if any error messages are displayed.

Message .....

- Note the oven data (rating plate) and the date and number of the appliance purchase invoice.


Serial number.....

Model.....

Invoice date.....

Invoice number .....

- Read the chapter on warranty carefully.

 **Warranty** - page **24**.

- Contact the Dealer with the details of the oven. While waiting for Technical service, disconnect the appliance from the mains.

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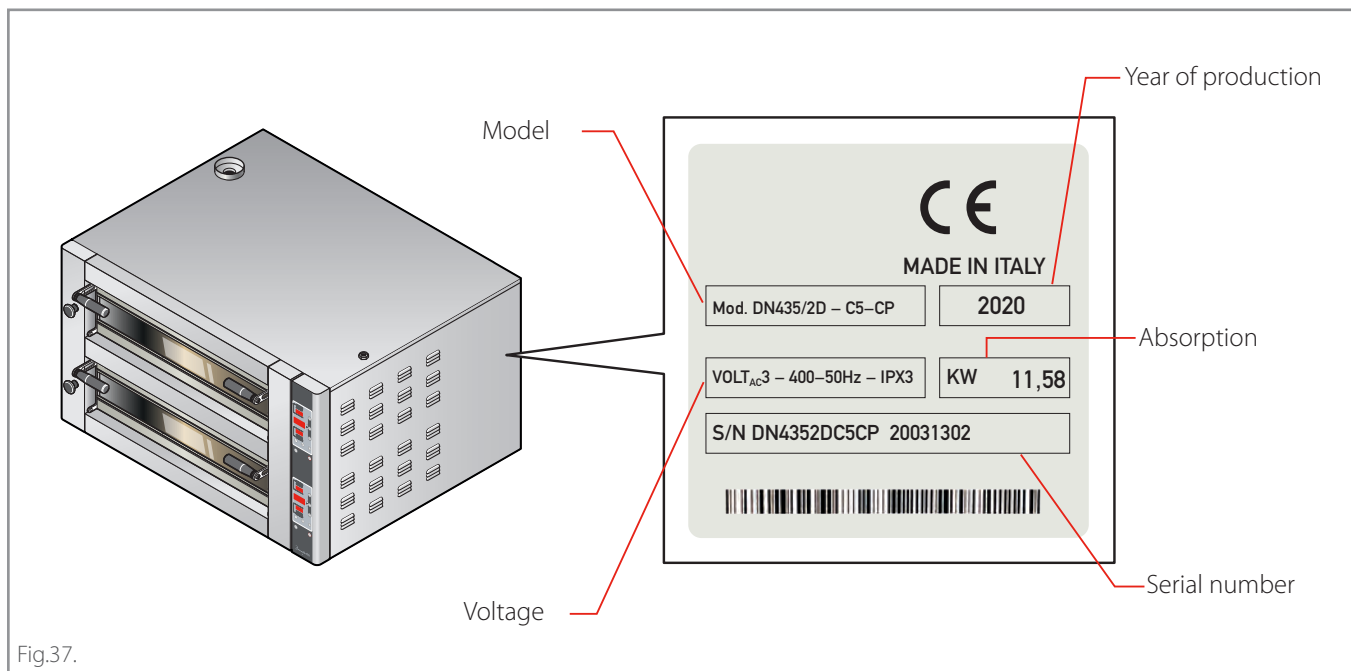


Fig.37.

Problem	Solution
The oven does not turn on	<ul style="list-style-type: none"> <li>• Make sure the oven is correctly connected to the mains (plug correctly inserted into the socket) and that the mains are working.</li> <li>• Make sure the main switch is ON.</li> </ul>
The oven turns on but cooking does not start	<ul style="list-style-type: none"> <li>• Make sure you set the cooking parameters correctly.</li> </ul>
The oven does not cook evenly	<ul style="list-style-type: none"> <li>• Make sure you set the cooking parameters correctly.</li> <li>• In case of incomplete baking cycles, change the positions of the pizzas.</li> </ul>
The first pizzas are burnt	<ul style="list-style-type: none"> <li>• In preheating, the percentage (mod. D) / setting (mod. CD) of the BOTTOM has been set too high: the refractory surfaces (without pizzas) have become too hot and burnt the first pizzas.</li> </ul>
Products not very brown on the surface	<ul style="list-style-type: none"> <li>• On the left front part there is a valve that opens and closes the steam vent: for example, if it is not opened, too much humidity could be generated in the chamber, preventing the infrared rays of the top elements from browning the surface of the products.</li> </ul>
Excessive humidity is coming out of the oven door	<ul style="list-style-type: none"> <li>• Cooked products normally release humidity: if the steam bleed valve is not opened correctly, the steam gets out from the door.</li> </ul>







## CUPPONE 1963

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