

**English**



## **PELLETS STOVES**

**Use and maintenance manual**

**ECOLOGICA IDRO**

**ECOLOGICA**

**I.C. MAXI**

**I.C. MINI**

**BABYFIAMMA**

**PREZIOSA**

**DIVINA**

**BELLA**

**BELLA LUX**

**CONTESSA**

## **Congratulations! You are now the owner of an EXTRA FLAME stove !**

The pellet stove EXTRA FLAME is an ideal heating solution. It springs from the most advanced technology and is manufactured to the highest standards with an up-to-date design, allowing you to enjoy the fantastic sensation which the heat of a flame can give, in complete safety at all times.

This manual tells you how to use your stove correctly. Please read it all carefully before using.

### **IMPORTANT**

Ensure that the dealer completes the following box with the details of the authorised specialist who will help you if you have any problems in using your new pellet stove.

<b>AUTHORISED SPECIALIST</b>	
<b>COMPANY</b>	
<b>MR./MS.</b>	
<b>STREET</b>	<b>N.</b>
<b>POSTAL CODE</b>	<b>TOWN</b>
<b>PHONE</b>	<b>FAX</b>

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## 1 PRECAUTIONS AND SAFETY

The stoves manufactured in our works are built with the maximum dedication to the individual components so as to protect both the user and the installer from accidents. The qualified personnel are therefore advised to pay special attention to the electrical connections after every operation on the product, especially with regard to the stripped part of the wires which must not protrude in any way from the terminal block, thereby preventing possible contact with the live parts of the wire.

**Installation must be carried out by qualified personnel who must issue a declaration of compliance of the system with good practice to the purchaser, who shall assume responsibility for the definitive installation and consequent proper operation of the product installed. Extrablame S.p.A. shall not be responsible in the event of failure to observe these precautions.**

This instruction manual constitutes an integral part of the product: ensure that it always accompanies the appliance, even if passed to another owner or user or moved to another installation. If damaged or lost, ask the local technical service for another copy.

This stove must be used exclusively for the applications it was expressly designed for.

The manufacturer shall not be responsible contractually or extra-contractually for any damage caused to persons, animals or property by installation, adjustment and maintenance errors, or by improper use.

After removing the packaging, ensure that the contents are intact and complete. If this is not the case, contact the dealer from whom the appliance was purchased.

Stove maintenance must be carried out at least once a year, scheduling it sufficiently in advance with the service centre.

**The following safety precautions must be observed:**

The use of the stove by unattended children and handicapped persons is not recommended.

Do not touch the stove if you are bare-footed or if parts of your body are wet or damp.

Modifying the safety or adjustment devices without the manufacturer's approval or instructions is forbidden.

Never pull, detach or twist the electric wires coming out of the boiler even when the electricity supply is disconnected.

Do not plug or reduce the dimensions of the aeration apertures of the room in which the stove is installed.

The aeration openings are indispensable for a correct combustion.

Never leave the packaging materials within reach of children or unattended disabled persons.

### ONLY FOR THE MODEL IDRO:

Before installation, we recommend that you thoroughly wash all the piping in the system to remove any residues which could affect the efficiency of the appliance.

During installation, it is necessary to inform users that:

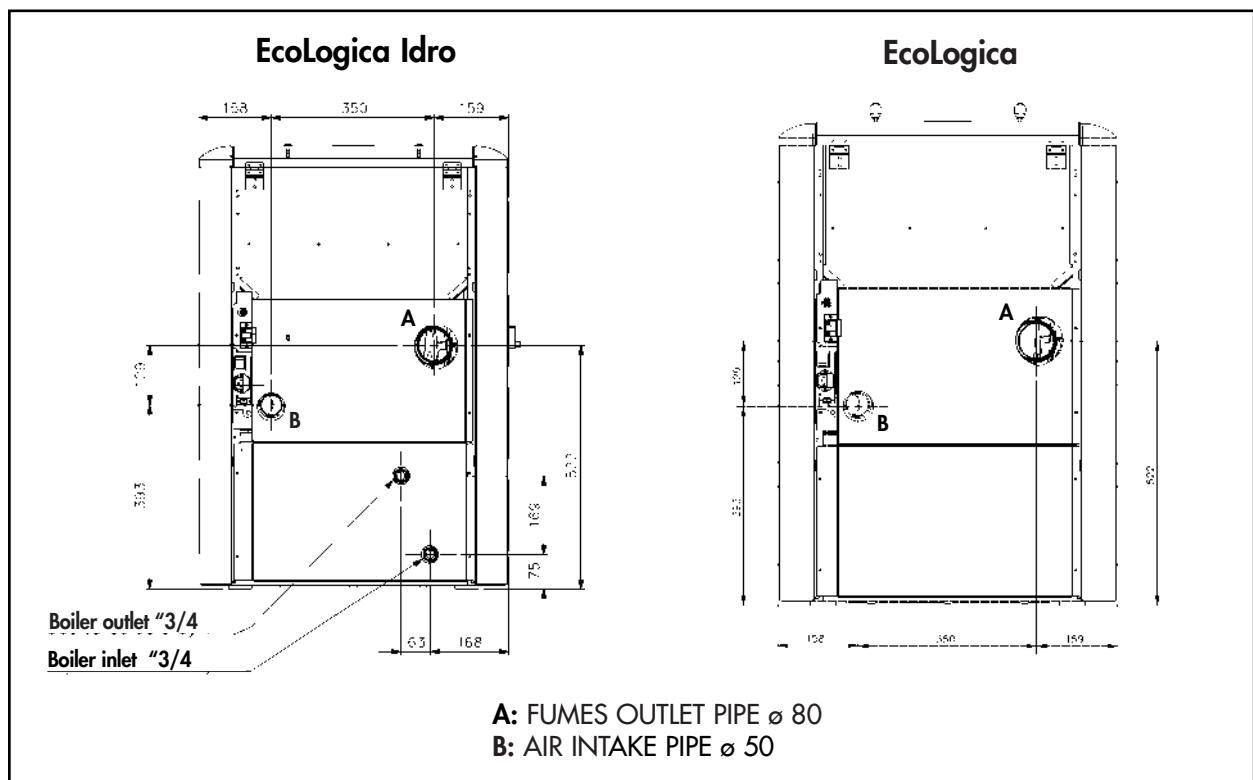
- If there is any water leakage, they must shut off the water supply and promptly notify the technical support service.
- They must periodically check the working pressure of the plumbing system.  
If the stove is not being used for a long period, users are advised to call the technical assistance service engineers to carry out at least the following operations:
- Turn the main switch to position 0
- Close the water cocks of both the heating and sanitary systems
- Drain the heating and sanitary systems if there is any risk of freezing

Stove maintenance must be carried out at least once every year, scheduling it sufficiently in advance with the service centre.

## 2 TECHNICAL SPECIFICATIONS

	EcoLogica Idro	Ecologica
Height	945 mm.	945 mm.
Width	670 mm.	670 mm.
Depth	670 mm.	670 mm.
Weight	156 Kg.	150 Kg.
Fume exhaust pipe diameter	80 mm.	80 mm.
Max heating volume	/ m <sup>3</sup>	220 m <sup>3</sup>
Total power	14,47 kW/h	2,5 - 11 kW/h
Water power	8,5 kW/h	/ kW/h
Pellet consumption per hour	0,6 - 3,0 Kg/h	0,6 - 2,4 Kg/h
Absorbed electrical power	25 - 190 W	25 - 100 W
Lighting power	+280 W	+280 W
Power supply	230 V 50 Hz	230 V 50 Hz
Feed box capacity	~30 kg.	~35 kg.
Inlet/outlet water pipe	" 3/4	" /

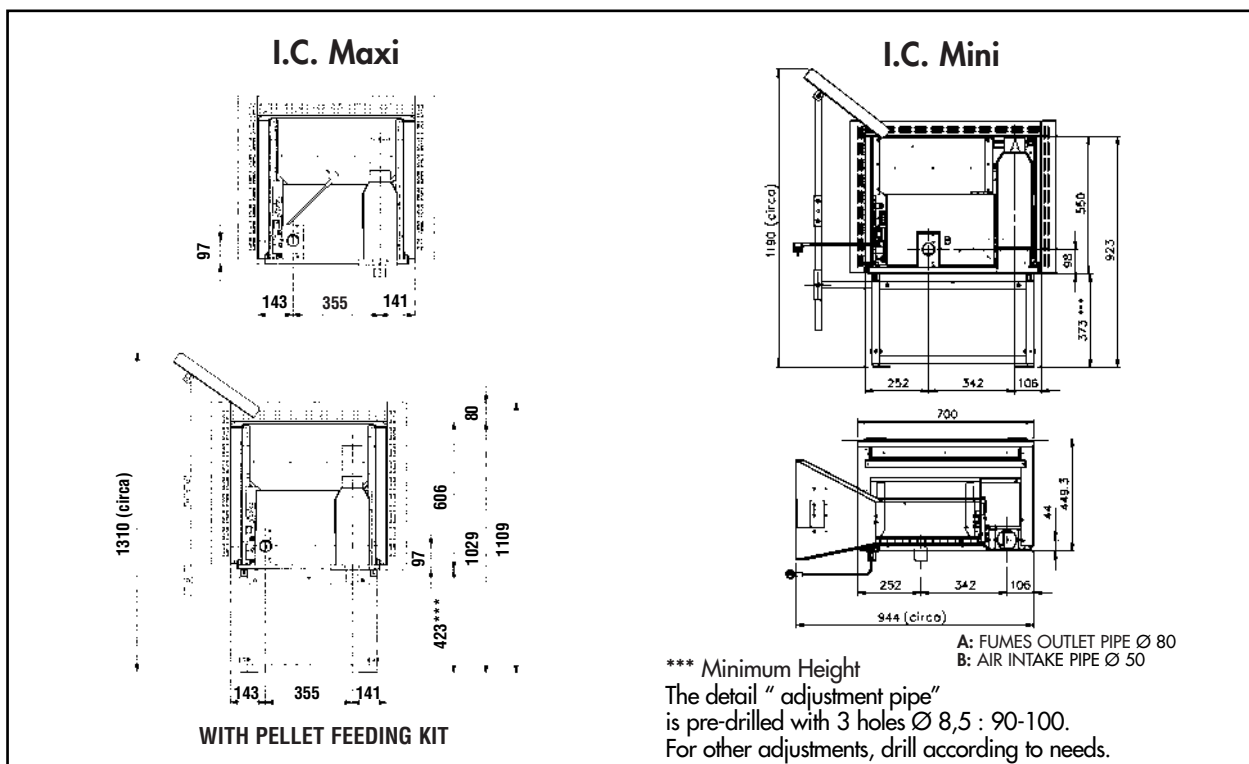
All a.m. data are not binding, but valid just as an indication.  
The right to make technical modifications for improving the product is reserved.



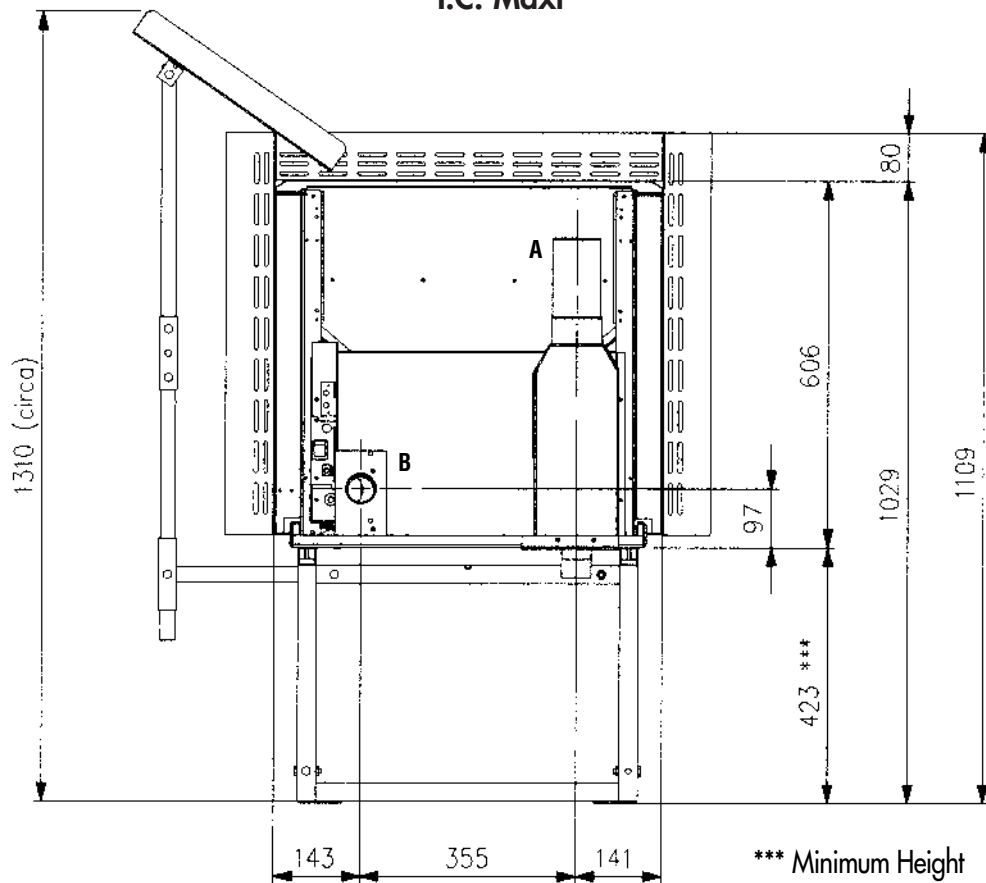
## TECHNICAL SPECIFICATIONS

	I.C. Maxi	I.C. Mini
Height	606 mm.	550 mm.
Width	640 mm.	700 mm.
Depth	717 mm.	450 mm.
Weight	130 Kg.	110 Kg.
Fume exhaust pipe diameter	80 mm.	80 mm.
Max heating volume	190 m <sup>3</sup>	150 m <sup>3</sup>
Total power	2,5 - 9,4 kW/h	2,5 - 7,5 kW/h
Water power	/ kW/h	/ kW/h
Pellet consumption per hour	0,6 - 2,0 Kg/h	0,6 - 1,6 Kg/h
Absorbed electrical power	25 - 100 W	25 - 100 W
Lighting power	+280 W	+280 W
Power supply	230 V 50 Hz	230 V 50 Hz
Feed box capacity	~ 28 kg.	~ 12 kg.
Inlet/outlet water pipe	" /	" /

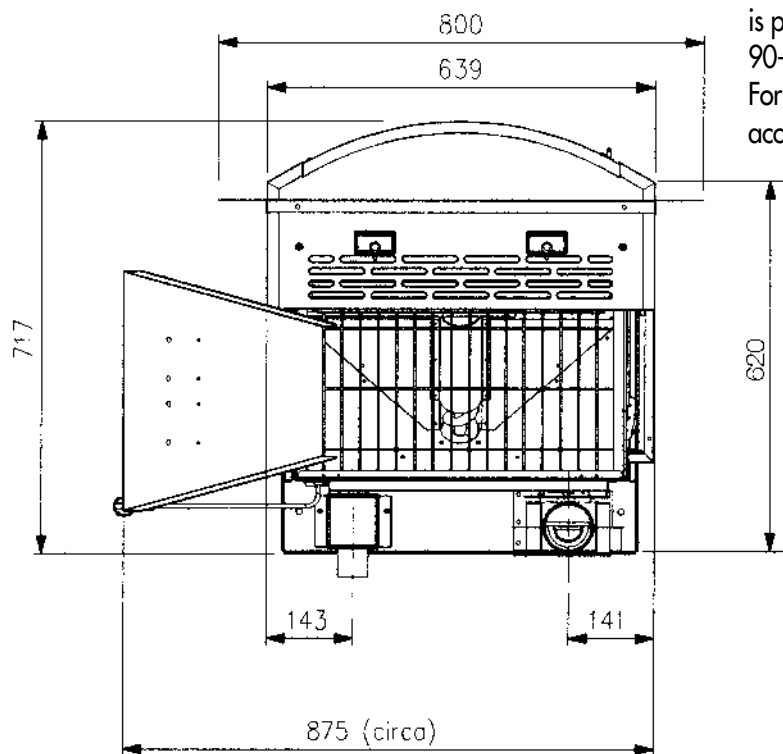
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### I.C. Maxi



\*\*\* Minimum Height  
 The detail " adjustment pipe"  
 is pre-drilled with 3 holes  $\varnothing 9$  :  
 90-100-90.  
 For other adjustments, drill  
 according to needs.

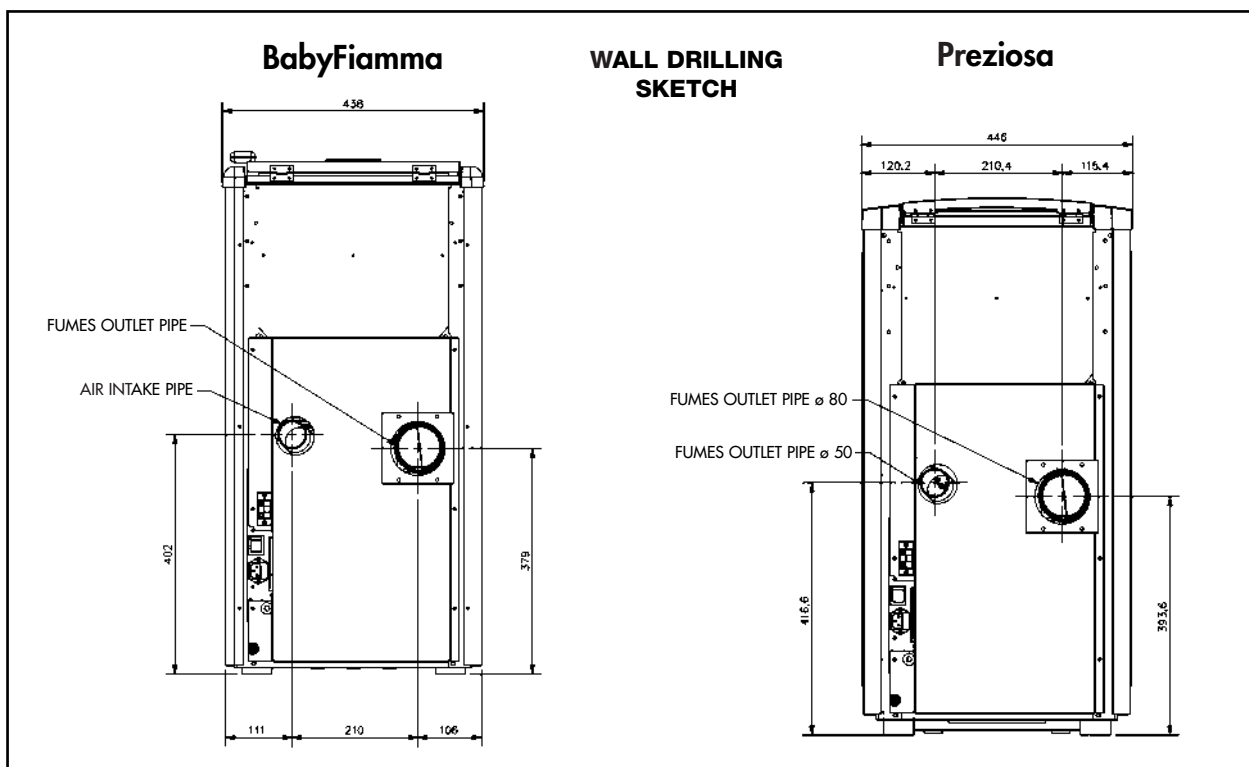


A: FUMES OUTLET PIPE  $\varnothing 80$   
 B: AIR INTAKE PIPE  $\varnothing 50$

## TECHNICAL SPECIFICATIONS

	BabyFiamma	Preziosa
Height	858 mm.	884 mm.
Width	440 mm.	477 mm.
Depth	470 mm.	446 mm.
Weight	100 Kg.	110 Kg.
Fume exhaust pipe diameter	80 mm.	80 mm.
Max heating volume	100 m <sup>3</sup>	100 m <sup>3</sup>
Total power	1,7 - 5,1 kW/h	1,7 - 5,1 kW/h
Water power	/ kW/h	/ kW/h
Pellet consumption per hour	0,4 - 1,2 Kg/h	0,4 - 1,2 Kg/h
Absorbed electrical power	25 - 100 W	25 - 100 W
Lighting power	+280 W	+280 W
Power supply	230 V 50 Hz	230 V 50 Hz
Feed box capacity	~ 11 kg.	~ 11 kg.
Inlet/outlet water pipe	" /	" /

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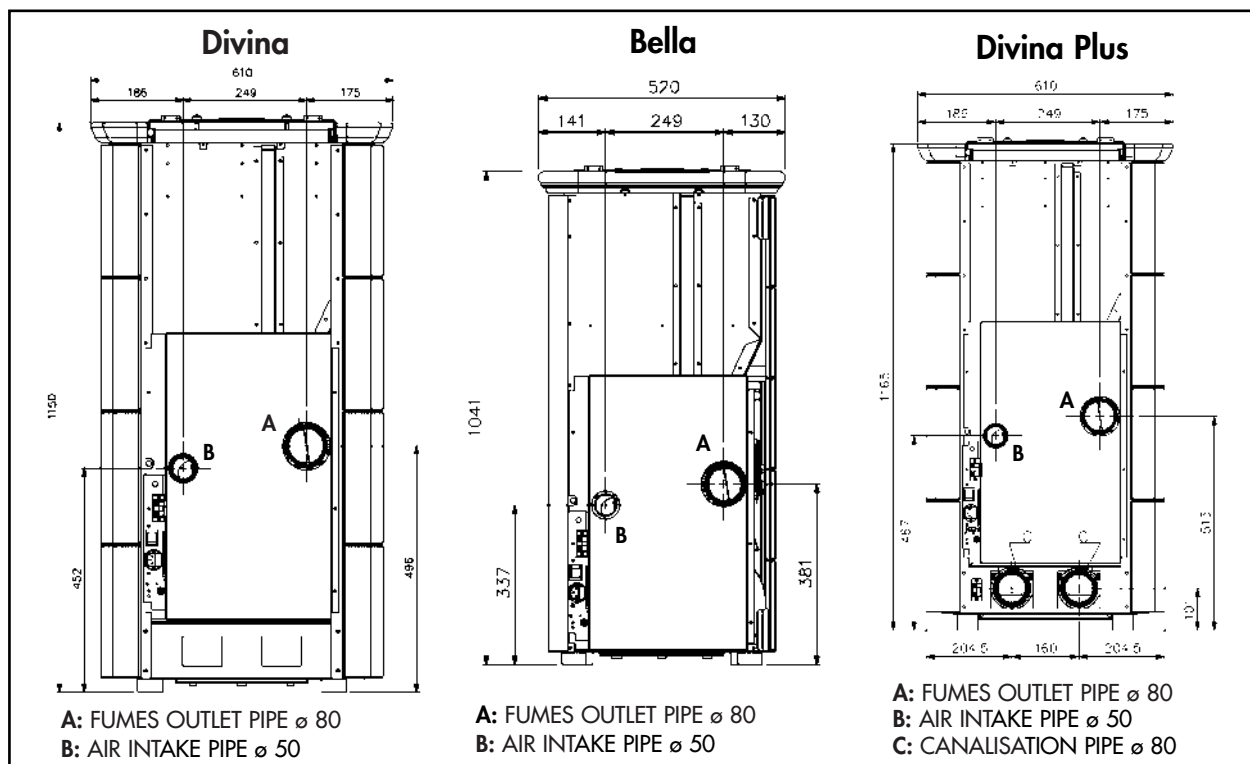




## TECHNICAL SPECIFICATIONS

	Divina	Bella	Divina Plus
Height	1150 mm.	1041 mm.	1150 mm.
Width	610 mm.	520 mm.	610 mm.
Depth	576 mm.	513 mm.	576 mm.
Weight	170 Kg.	130 Kg.	170 Kg.
Fume exhaust pipe diameter	80 mm.	80 mm.	80 mm.
Max heating volume	220 m <sup>3</sup>	150 m <sup>3</sup>	220 m <sup>3</sup>
Total power	2,5 - 11 kW/h	2,5 - 7,5 kW/h	2,5 - 11 kW/h
Water power	/ kW/h	/ kW/h	/ kW/h
Pellet consumption per hour	0,6 - 2,4 Kg/h	0,6 - 1,6 Kg/h	0,6 - 2,4 Kg/h
Absorbed electrical power	25 - 100 W	25 - 100 W	75 - 210 W
Lighting power	+280 W	+280 W	+280 W
Power supply	230 V 50 Hz	230 V 50 Hz	230 V 50 Hz
Feed box capacity	~ 30 kg.	~ 25 kg.	~ 30 kg.
Inlet/outlet water pipe	" /	" /	" /

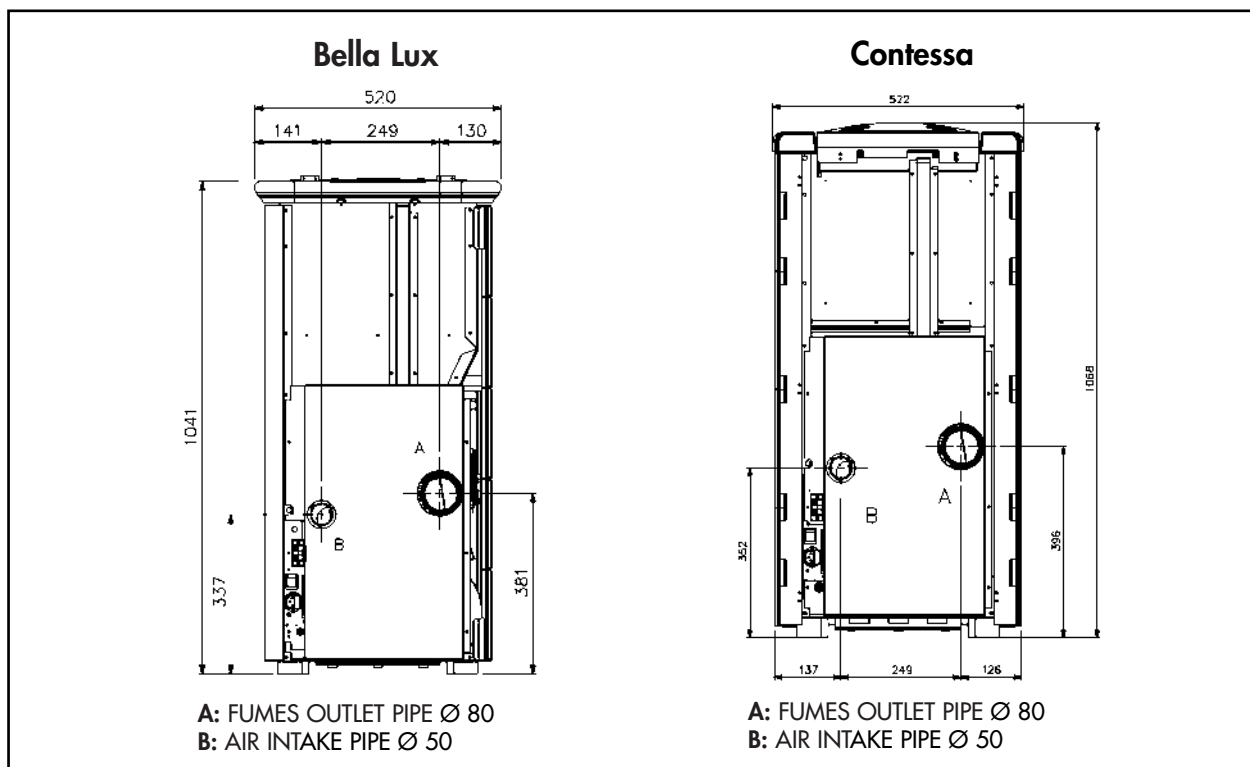
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## TECHNICAL SPECIFICATIONS

	Bella Lux	Contessa
Height	1041 mm.	1068 mm.
Width	520 mm.	522 mm.
Depth	513 mm.	500 mm.
Weight	130 Kg.	150 Kg.
Fume exhaust pipe diameter	80 mm.	80 mm.
Max heating volume	150 m <sup>3</sup>	180 m <sup>3</sup>
Total power	2,5 - 7,5 kW/h	2,5 - 9,4 kW/h
Water power	/ kW/h	/ kW/h
Pellet consumption per hour	0,6 - 1,6 Kg/h	0,6 - 2,0 Kg/h
Absorbed electrical power	25 - 100 W	25 - 100 W
Lighting power	+280 W	+280 W
Power supply	230 V 50 Hz	230 V 50 Hz
Feed box capacity	~ 25 kg.	~ 25 kg.
Inlet/outlet water pipe	" /	" /

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### 3 AIR REQUIRED FOR COMBUSTION

Combustion always requires air (oxygen). Stoves therefore remove air from the room they are installed in and this must be replaced.

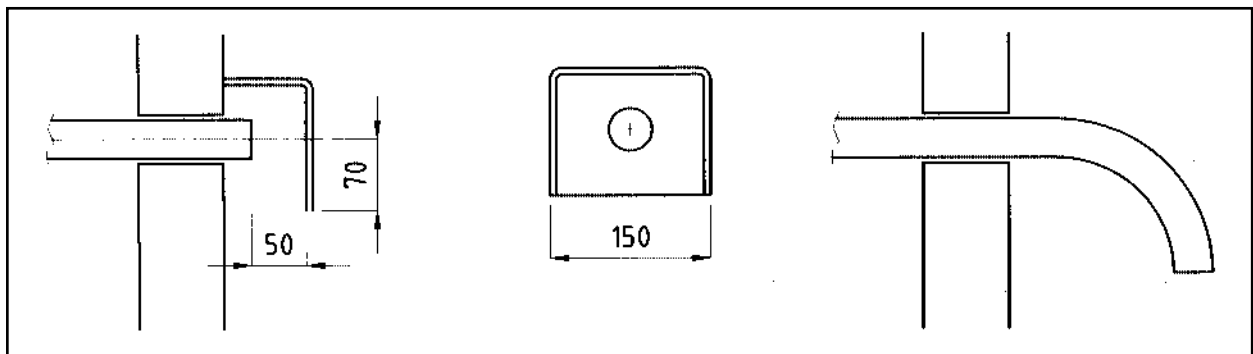
Bad combustion can be caused by poor air circulation in the house and this is often the case in modern homes, which have sealed windows and doors. On the other hand, there are also problems when there are draughts in the room (caused for example by kitchen or bathroom ventilators). To prevent this type of problem, we suggest a permanent ventilation grill to be fitted in a window or near the stove. Alternatively, the air can be taken directly from the exterior or from another sufficiently aerated room (a cellar, for example) by means of a steel pipe with a diameter of 48 mm.

#### 3.1 External air intake pipe assembly

- a) Measure and make a hole with a minimum diameter of 5 cm. in the wall for the intake pipe (see drawing here below).
- b) Connect the stove with the exterior by means of a steel pipe.

#### **ATTENTION!**

- Only use steel pipes.
- Pipes in synthetic materials or aluminium must not be used.
- To ensure sufficient air intake, the pipe must not be longer than 2 m. and must not have too many bends.
- If the pipe leads outdoors, it must end with a 90° downward bend and be protected against the wind (see Fig. Here below).



## 4 WHAT ARE PELLETS ?

The pellets are made by applying very high pressure to sawdust, that is pure timber waste (without paint), produced by sawmills, carpentry works and other activities associated with the working and transformation of timber.

This type of fuel is completely environmentally friendly as no binders of any kind are used to keep it compact. In fact, the compactness of the pellets over time is guaranteed by a natural substance found in the wood itself: the lignite.

As well as being environmentally friendly, as the wood residues are exploited to the maximum, pellets also have technical advantages.

While wood has a calorific power of 4.4 kW/kg. (with 15% humidity, after about 18 months seasoning) the power of pellets is 5.3 kW/kg. The density of the pellet is 650 Kg/m<sup>3</sup> and the water content is 8% of its weight.

For this reason, the pellets do not need to be seasoned to obtain an adequate caloric yield. Their diameter ranges from a minimum of 5 mm to a maximum of 8 mm.

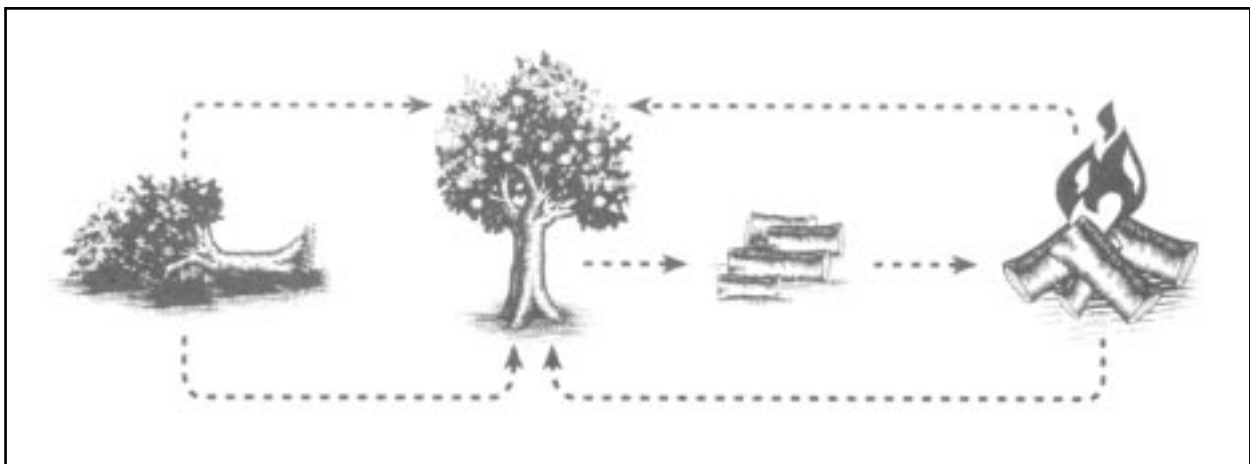


### 4.1 Pellet storage

To guarantee problem-free combustion, the pellet must be stored in a dry place.

#### WARNING

THE USE OF POOR QUALITY PELLETS OR OF ANY OTHER MATERIAL DAMAGES THE FUNCTIONS OF YOUR STOVE AND MAY LEAD TO THE INVALIDATION OF THE WARRANTY AND ASSOCIATED RESPONSIBILITIES OF THE MANUFACTURER.



## **5 SAFETY DEVICES**

### **5.1 Warm air distribution fan breakdown:**

If the fan stops for any reason, the stove stops automatically to prevent overheating.

### **5.2 Fume extractor breakdown:**

If the extractor stops, the electronic unit immediately blocks the supply of pellets.

### **5.3 Pellet feeding motor breakdown:**

If the motor stops, the stove continues to operate until the minimum cooling level is reached.

### **5.4 Lighting failure:**

If no flame develops during the lighting stage, the stove automatically makes another attempt to light and if no flame comes this time either, the stove will show on the display " **NO ACC**". While attempting to light the stove, on the display you will read "ATTE" which means "WAIT". This function remembers that before lighting the stove, you must be sure that the burning pot, must be completely free and clean.

### **5.5 Temporary power failure:**

The appliance will re-light automatically after a brief power failure. There may be a minimum quantity of smoke inside the house when there is no power for a period of 3 to 5 minutes. **THIS DOES NOT GIVE RISE TO ANY SAFETY RISK.**

### **5.6 Electrical safety:**

The stove is protected against violent power swings by a master fuse on the rear of the stove (delayed 2A 250V).

### **5.7 Fume exhaust safety**

An electronic pressure switch stops the loading screw in case the exhaust pipe is obstructed, or in case the door remains opened for some minutes.

### **5.8 Safety for pellets overheating**

In case of overheating inside the pellet hopper, this safety device stops the functioning of the stove, the resetting is manual and must be done by a qualified technician.

## **ONLY FOR ECOLOGICA IDRO:**

### **5.9 Plant pressure safety**

A mechanical pressure sensor stops automatically eventually overpressure of the plant. The resetting of this safety is manual and must be done by a qualified technician.

### **5.10 Safety for water boiling**

In case of water shortage or a minimum water quantity, this safety stops the pellet feeding. The resetting is manual and must be done by a qualified technician.

## 6 ASSEMBLY AND INSTALLATION INSTRUCTIONS

### 6.1 Assembly

An authorised dealer should assemble the stove.

The assembling of the ceramics in the stoves which have majolica tiles, must be done by a qualified technician.

### 6.2 Installation

a) Paying attention to the diameters of perforation and taking into consideration a floor protection plate, if fitted, measure and make the hole in the chimney for connecting the fume exhaust pipe with diam. 80 mm. If the hole has to be done on a wood wall, the minimum hole diam. must be 130 mm., and a min. 20 mm. thickness insulation material.

b) Connect the stove to the chimney by means of a steel pipe, sealing it hermetically and taking care not to obstruct the free section with the fume pipe. (See fig. 1)

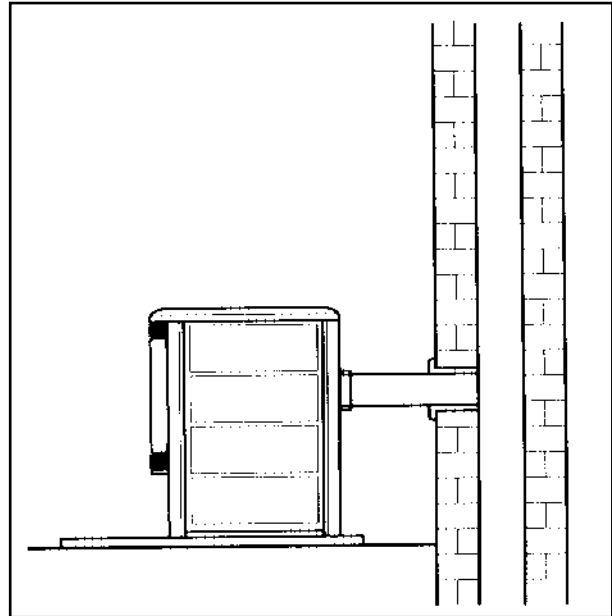


fig. 1

**TABLE A:** Dimensions of the floor protection plate and relative safety distances in mm.

REFERENCES	Flammable objects	Not-flammable objects
a*	200	100
b*	800	400
c*	200	100

\*see fig. 4

### PRECAUTIONS

1. The appliance must be placed on a flame resistant floor.

If it is placed on a flammable floor, a floor protection plate must be used. (See table A)

2. The appliance must be connected to a chimney authorised for solid fuels with a minimum diameter of 130 mm.

3. The fume exhaust system is based on the depression (draught) in the place of combustion and a light fume exhaust over-pressure (forced exhaust). This makes it essential for the exhaust pipe to be installed correctly and hermetically.

4. To seal and insulate the pipes, only use heat-resistant materials (up to 300 °C) such as adhesive tape in aluminium, rock wool or high-temperature silicone.

5. The stove must be placed, so that the electric cord is easy to reach.

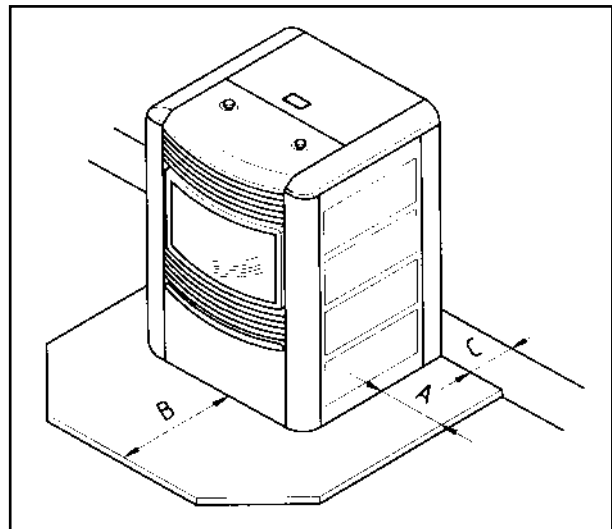


fig. 2

### 6.3 Fume exhaust

In conformity with DPR 412 and UNI 7129-2001, the allowed installations are:

#### WITH VERTICAL EXTERNAL OR INTERNAL FLUE

- The Fig. 3 represents the best solution for discharging the fumes above the roof. Proceed as in previous chapter with the installation of a T-fitting with an inspection plug. The external or internal flue must be properly fixed and provided with a chimney pot for protection from rain.

#### FUME DISCHARGE THROUGH A CHIMNEY

- Fig. 4 is the classic masonry chimney system, of course in addition to Fig.1). Use a T-pipe with an inspection plug and suitable supporting staffs. If the chimney is too big, we recommend reducing it by inserting a porcelain steel pipe or stainless steel (inox), with a maximum diameter of 150 mm, and appropriately sealing the fume inlet and outlet parts of the fume exhaust from the part in masonry.

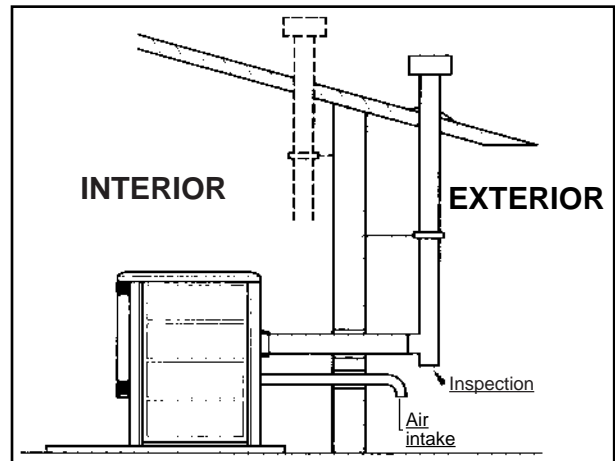


fig. 3

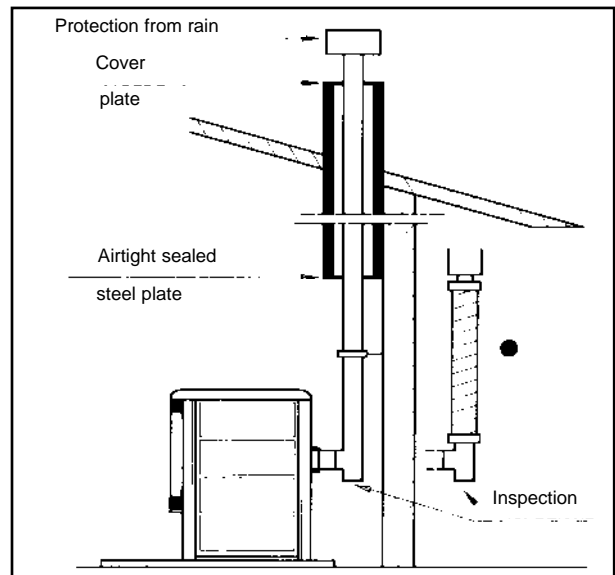


fig. 4

If the fume flue is installed in a fixed way, inspections should be provided for internal cleaning purposes (ashes), especially in the horizontal sections.

**NOTE:**

**ALL SECTIONS OF THE FUME FLUE MUST BE EASY TO INSPECT AND TO REMOVE TO ALLOW THE INTERNAL CLEANING.**

(SEE ●)

(SEE FIG. 4 AND 5)

### 6.4 Electrical connections

The stove is supplied with a power cable which must be connected to a 230 V / 50 Hz socket.

The power absorption is indicated in chapter 2 (technical specifications). Make sure that the cable does not come into contact with the hot surfaces of the stove.

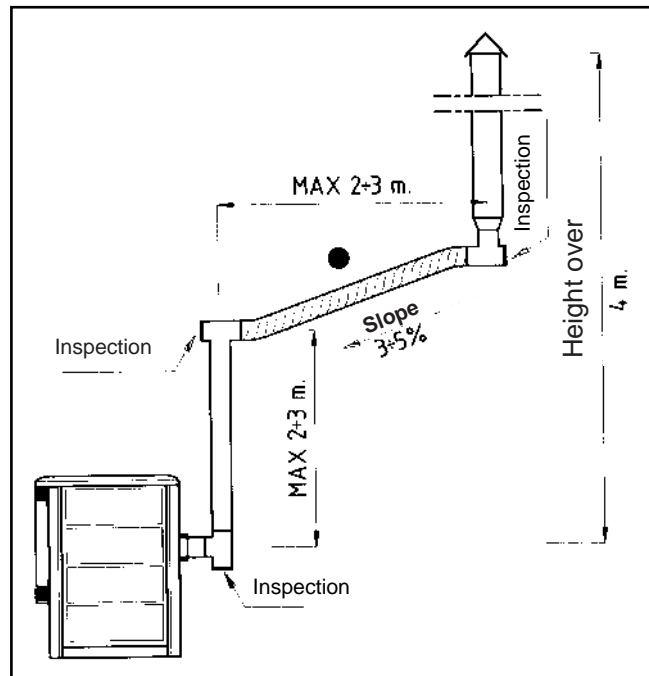
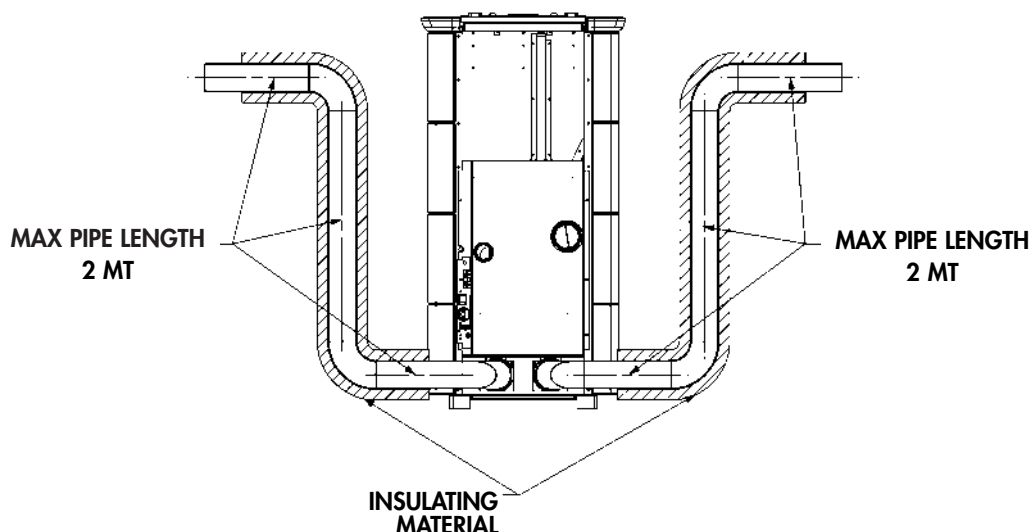


fig. 5

### 6.5 CANALISATION DIVINA PLUS

The model DIVINA PLUS is equipped with 2 pipes situated on the back of the stove which allow the canalisation of the heat issued by the stove. As you can see in the photo here below, we suggest to make the canalisation by using pipes with the following characteristics:

- Internal diameter 80 mm
- Insulated pipes, that is thermal insulation
- The pipe connection to each nozzle, must not be longer than 2 mt.





## 7 INSTALLATION I.C.MAXI and I.C. MINI

The Comfort insert is supplied with a sliding base in iron which allows it to be installed in a pre-existing fireplace.

This sliding base allows you to slide out the insert easily for maintenance and cleaning at the end of the year.

If you do not already have an existing fireplace you can build one using the insert support pedestal as its function is to fix the insert to the floor.

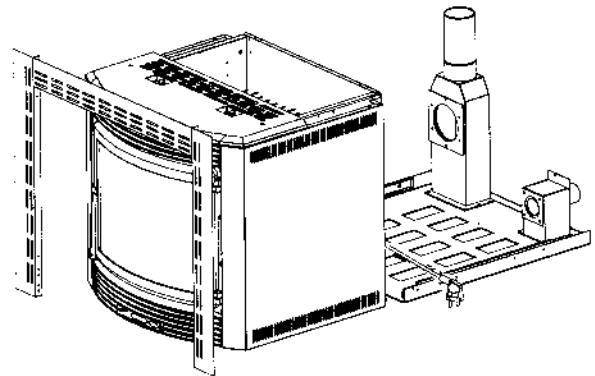


fig. 6

Description of the components:

- Sliding base
- Rail
- Fume outlet pipe
- Primary air intake pipe
- Power plug
- Frame

**Fitting the Comfort Maxi and Mini with sliding base**

Take the sliding base and place it in the pre-existing fireplace.

Using chalk, mark the base fixing holes on the floor of the fireplace.

Make the holes for 8 mm steel expansion plugs.

Make a 60 mm hole in correspondence with the air intake.

**N.B. The air intake must be made outside the fireplace, because it must not draw in overheated air.**

In case, it is not possible to take air from outside, it is possible to use air from inside, fitting a steel pipe  $\varnothing$  50 mm on the bottom or on the rear of the air intake box, vacuuming the air outside the chimney.

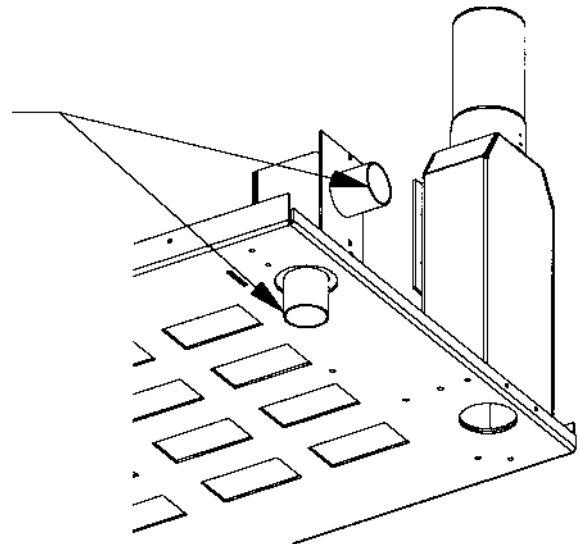


fig. 7

**N.B. The length of the primary air intake pipe must not exceed 2 metres. There must be sufficient air circulation in the indoor environment.**

Provide a power socket on the rear of the insert, in order to reach the plug easily once the installation is made.

Fix the base by means of the fixing screws.

Make the connection to the fume outlet and air intake, respecting the points described in paragraph 6.

Take the insert, tilt it as in fig. 8 so that the wheels go into the provided rails, and slide it until the fume scroll coupling is completely inserted in the fume conveyor box.

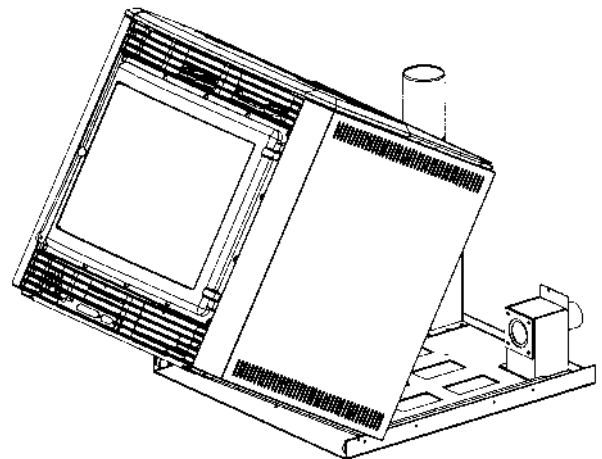


fig. 8

Finally, using the provided socket wrench, turn the screw anticlockwise as shown in figure 11. In order to see if the insert is correctly coupled with the base, connect the plug to the power socket: the display should switch on.

**N.B. The bottom grill of the insert must stand at least 1 cm above the marble fire top of the facing.**

## Installation with pedestal (optional)

Description of components:

- Comfort maxi and Mini insert (see previous paragraph)
- Pedestal adjustable in height
- Lateral feeding hopper
- Adjustable hopper support

## Installation of Comfort Maxi and Mini with pedestal

Position the base in the desired point and adjust to the desired height by means of the feet (the bolts are located in the four external sides of the pedestal at the bottom).

Provide a power socket in the rear of the pedestal, easy to reach once the installation is finished.

Fix the pedestal to the floor using strong steel plugs, diam. 8 mm.

Take the sliding base and fix it to the frame using the bolts.

Connect the fume outlet and air intake as explained in the previous paragraph.

Take the insert, tilt it as in fig. 8 so that the wheels go into the provided rails, slide it until the fume scroll coupling is completely inserted in the fume conveyor box. (Fig. 9)

Finally, using the provided socket wrench turn the screw anticlockwise as shown in figure 11 (for Comfort Maxi) and as shown in Fig. 11bis (for Comfort Mini).

In order to see if the insert is correctly coupled with the base, connect the plug to the power socket: the display should go on.

Fit the hopper support as shown in fig. 10.

Insert the support in the provided coupling as shown in fig. 10.

**N.B.: In case you use our pedestal, it is necessary to create an inspection window in the chimney, allowing to check the pellet level in the hopper, while filling it up.**

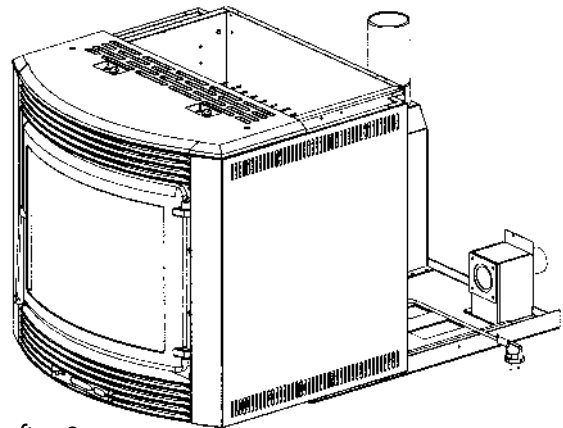


fig. 9

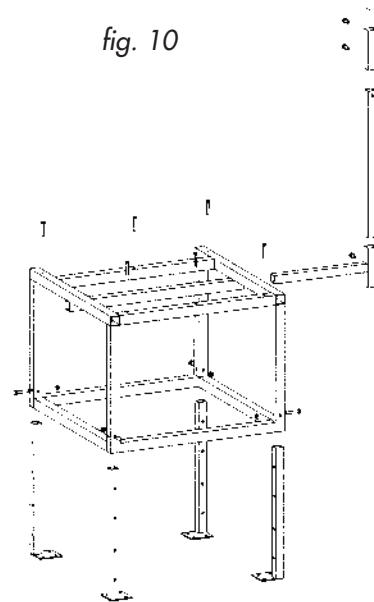
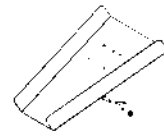


fig. 10

fig. 11



**N.B. The hopper support can be fitted on both sides of the insert Comfort Maxi while for the Comfort Mini it can be fitted only on the right side.**

Adjust the height and angle of the hopper on the basis of the fireplace which has to be built.

**N.B. The bottom grill of the insert must stand at least 1 cm above the marble fire top of the facing.**

### Extraction of Comfort Maxi and Mini

The extraction of the Comfort insert is necessary to carry out ordinary maintenance (cleaning the ash pipe at the end of the year) or extraordinary work (replacement of mechanical parts in the event of damage).

**These operations must be carried out by a qualified technician, with the insert turned off and the plug disconnected.**

To extract the insert, carry out the following procedure:

1. Take the provided socket wrench and insert it on the screw at bottom right – Fig. 11 (Maxi) and Fig.11bis (Mini)
2. Turn the wrench clockwise.
3. Insert the provided pokers in the curved part as shown in fig. 12.
4. Pull the insert towards you until it is blocked automatically.
5. Remove the two top screws which fix the lateral side to the insert, Fig.13 (Maxi)  
For the insert Mini, it is necessary first to remove the insert from its base and then remove the screws.
6. Release the side, put your hand on the bottom part and press slightly upwards until it uncouples (Fig. 14).

### Frames fitting

- **Frontal frame**
- **Lateral frames**

Fix the frontal frame with both the lateral frames in such a way as to create the figure as shown in Fig. 15.

Fix the frames to the Comfort insert by means of self-piercing screws.

**N.B. Any wooden beams situated above the insert must be protected using fireproofing material. Assembly of the frames is important as it allows a correct air circulation in the insert and consequently a very good operation of the stove.**



fig. 11 bis



fig. 12

fig. 13



## Air circulation ducts

It is necessary to create air intakes on the top of the fireplace for a correct operation. These can be made in the sides of the hood or in the front.

It is important that following measurements are respected:

Air intakes made in both sides of the fireplace  
**Minimum measurement requested 200 cm<sup>2</sup> x side**

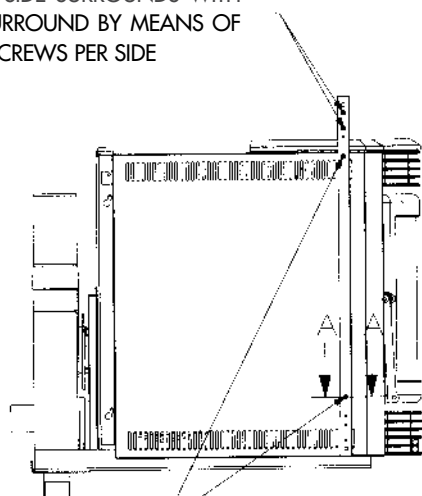
Air intake made in the front of the fireplace  
**Minimum measurement requested 400 cm<sup>2</sup> x side**

The position of the air intakes is shown in Fig. 17  
 Also in the bottom part of the chimney an air intake must be created ( for the min. measures see Fig.17)

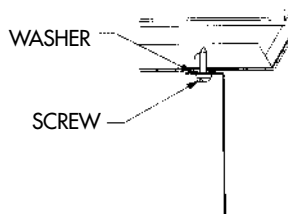


fig. 14

FIXING SIDE SURROUNDS WITH  
 TOP SURROUND BY MEANS OF  
 TWO SCREWS PER SIDE



USE THESE HOLES FOR  
 FIXING THE SIDE  
 SURROUNDS ONTO  
 THE SIDES



SECT A-A

fig. 15

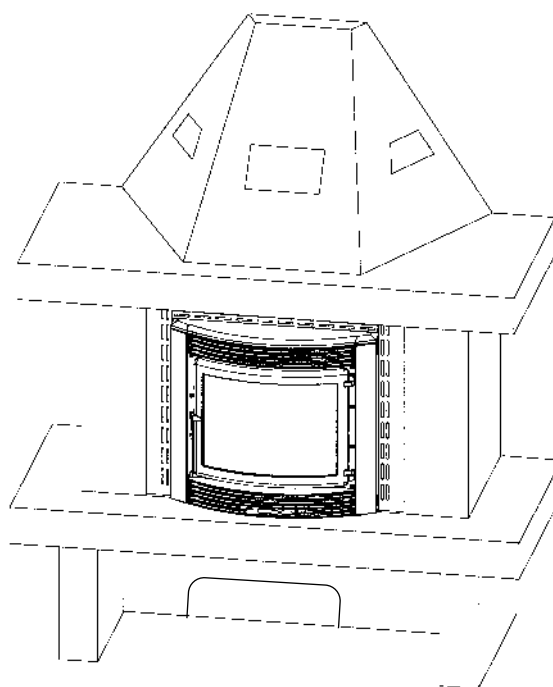


fig. 16

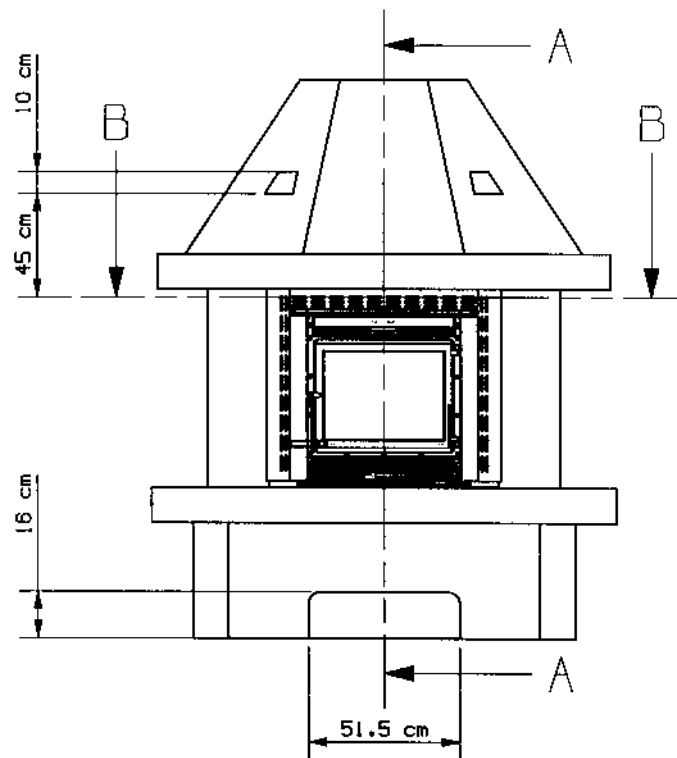
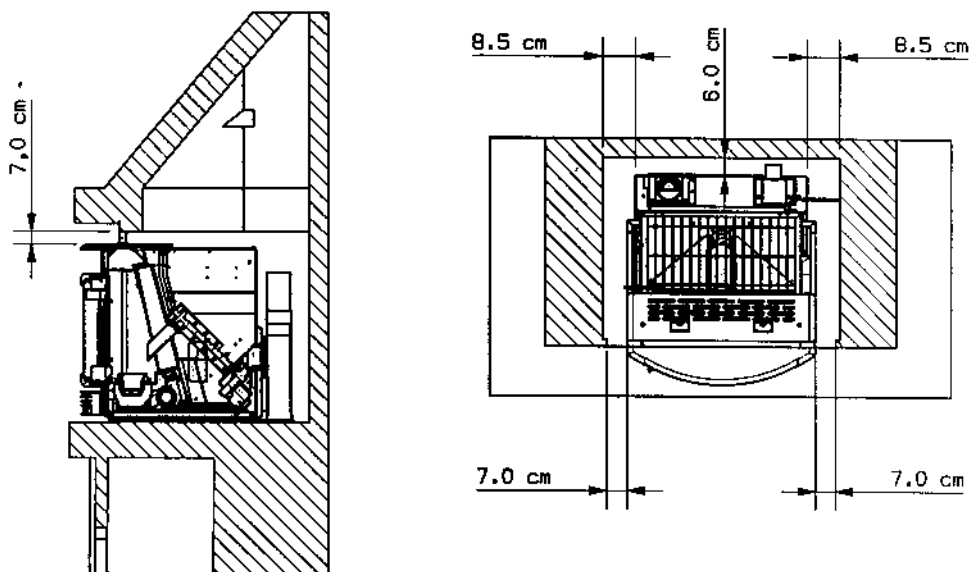


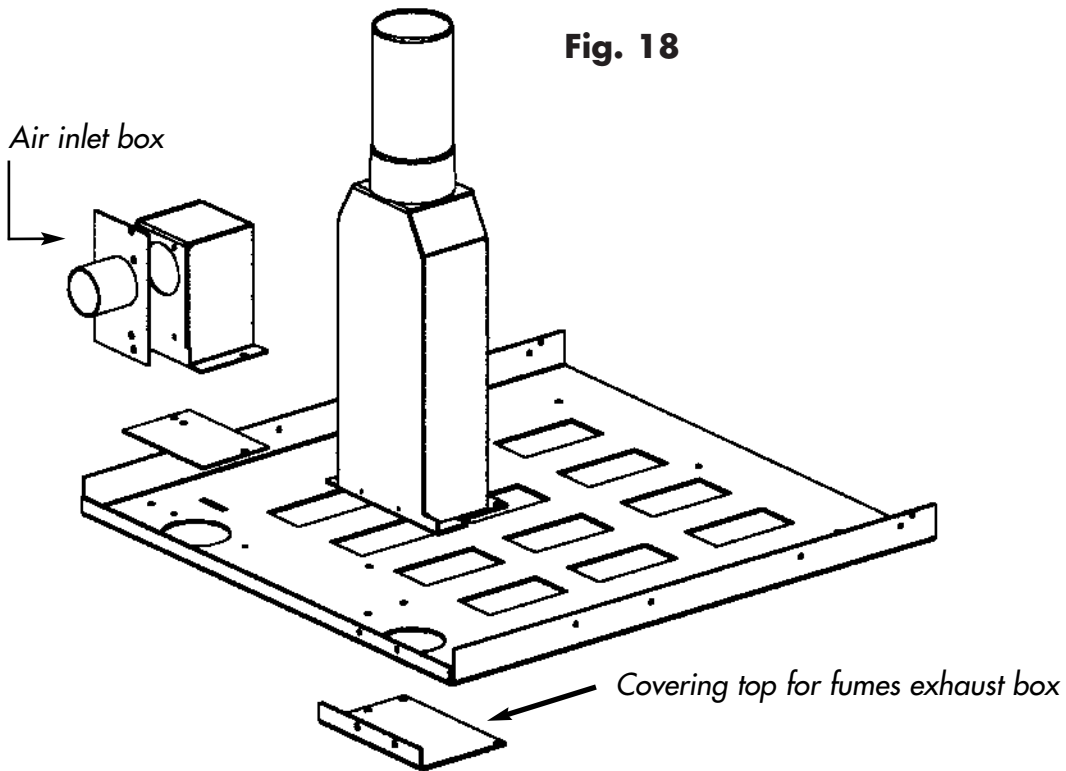
Fig. 17



For a correct and safe operation of the insert Comfort, you have, during the construction of the fireplace, respect the measures (Fig. 17) between insert and internal walls of the fireplace, above all the measure of 7,0 cm must be exact (in order to adapt the equipped frames), while the rest of the measures can be, in case, increased or decreased at manufacture's discretion.

**NB:** The fumes outlet pipe must always keep a min. distance of 5 cm. from inflammable parts.

**Fig. 18**



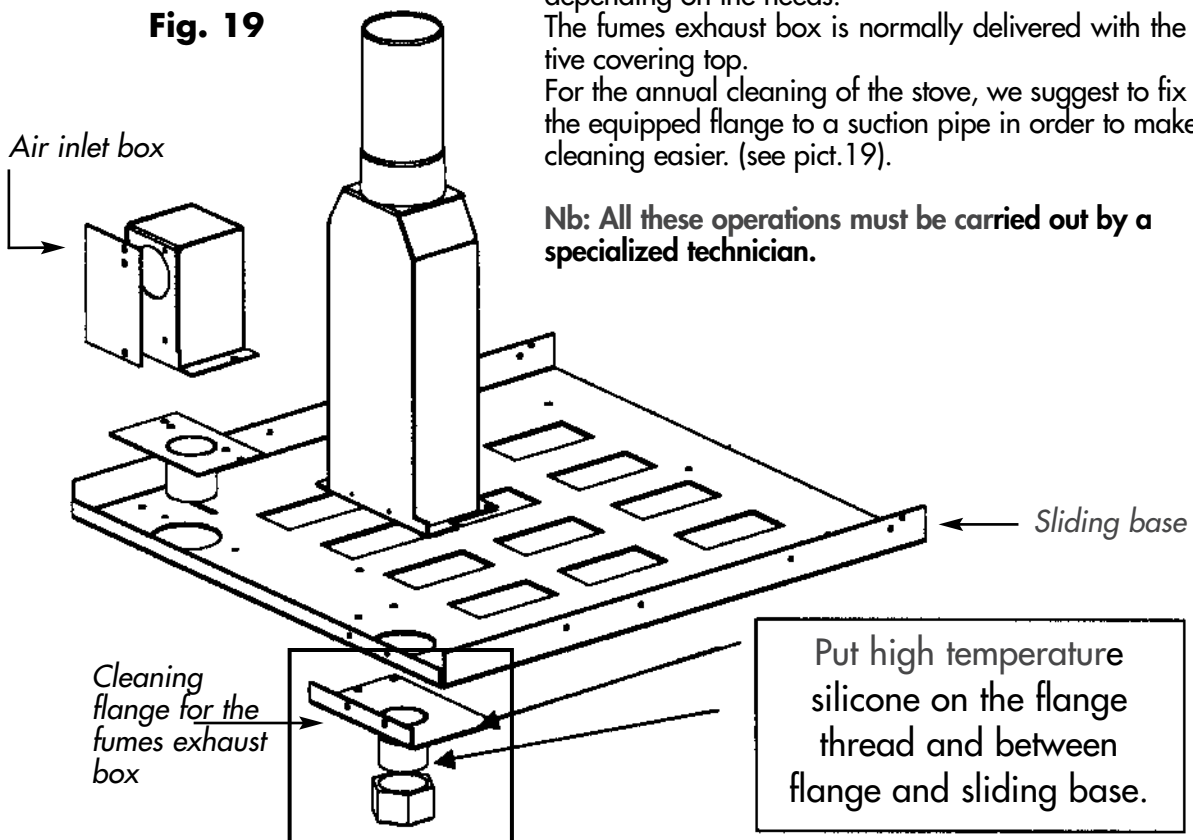
As far as the air inlet box is concerned, there is the possibility to connect the air inlet pipe above the sliding base (see pict.18) or under the sliding base (see pict.19) depending on the needs.

The fumes exhaust box is normally delivered with the relative covering top.

For the annual cleaning of the stove, we suggest to fix the equipped flange to a suction pipe in order to make the cleaning easier. (see pict.19).

**Nb: All these operations must be carried out by a specialized technician.**

**Fig. 19**



Put high temperature silicone on the flange thread and between flange and sliding base.

**ACCESSORY AVAILABLE ONLY ON MODEL MAXI**

## 8 CONTROL PANEL

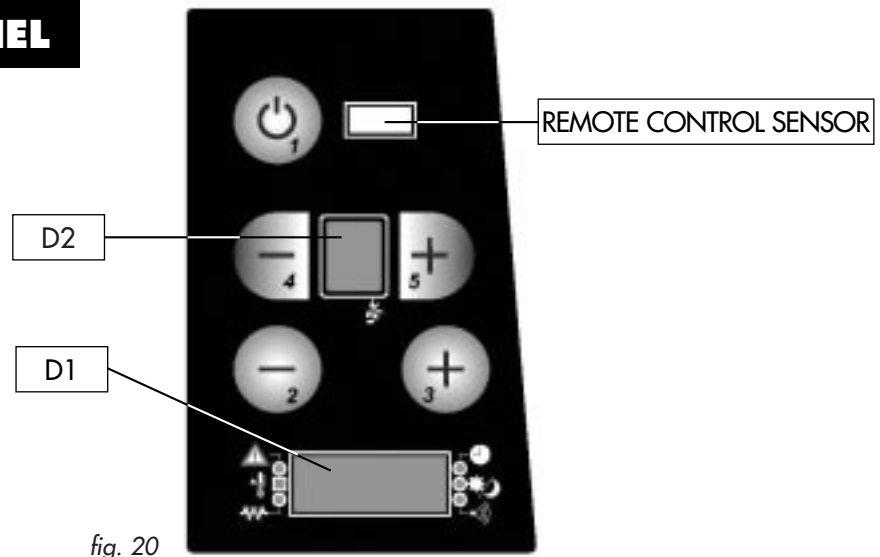


fig. 20

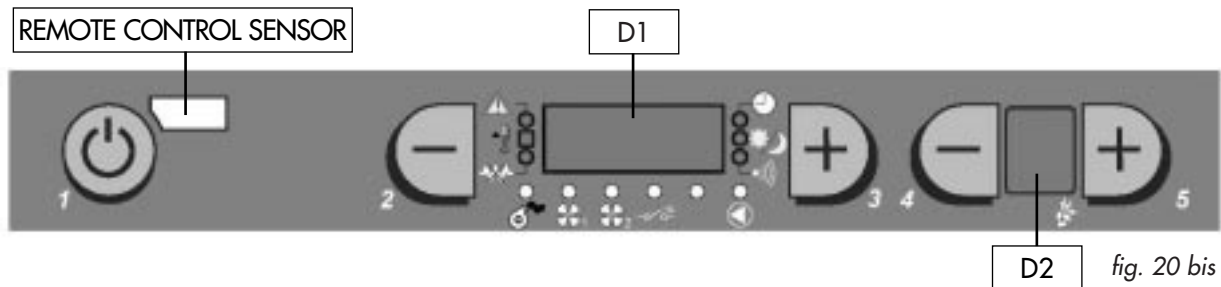


fig. 20 bis

### 1. ON/OFF BUTTON

The stove can be turned on and off automatically by pressing button 1.

### 2-3 SETTING THE TEMPERATURE AND TIMER-THERMOSTAT

The buttons 2-3 are used to adjust the room temperature inside the house (see chap. 12) and program the weekly starts/stops using the timer-thermostat

### 4-5 ADJUSTING THE FEED RATE













The buttons 4-5 are used to adjust the heating power and warm air ventilation starting from a minimum setting of :

<b>Ecologica:</b>	2,5 KW/h till to max 11 KW/h
<b>I.C.Maxi:</b>	2,5 KW/h till to max 9,4 KW/h
<b>I.C.Mini:</b>	2,5 KW/h till to max 7,5 KW/h
<b>Babyfiamma:</b>	1,7 KW/h till to max 5,1 KW/h
<b>Preziosa:</b>	1,7 KW/h till to max 5,1 KW/h
<b>Divina:</b>	2,5 KW/h till to max 11 KW/h
<b>Bella-Bella Lux:</b>	2,5 KW/h till to max 7,5 KW/h
<b>Contessa:</b>	2,5 KW/h till to max 9,4 KW/h
<b>Ecologica Idro:</b>	2,5 KW/h till to max 14,47 KW/h

**D1** Display for showing the different messages

**D2** Display for showing the set heating power

## 8.1 DESCRIPTION OF CONTROL PANEL ALARMS

	It is ON when the chronothermostat is activated.
	It is ON when the room temperature is lower than the set of the temperature which has been set. It is OFF when the room temperature is greater than the set of the temperature which has been set.
	It is ON when the function day/night temperature is activated.
	It is ON when the ignition sparking plug is not connected.
	It is ON when an alarm occurs.
	It is ON when the smoke exhaust motor is ON.
	It is ON when the feeding gearmotor is running.
	It is ON when the tangential fan is ON.
	Only version Divina Plus. It is ON when the fan for the canalization is ON
	It is ON when an additional thermostat is connected
	Only Ecologica Idro version. It is ON when the circulator (pump) is ON
	It is ON when the display receives the signal from the remote control

## 9 USE BASIC INSTRUCTIONS

The stove you have purchased uses pellets as fuel. This type of material is produced from natural waste from woodworking. Using a special process, which does not require the use of any binder or additive, the shavings are compressed in industrial machines under high pressure and become solid wooden pellets. The combustion of raw material which is not pellet, in our stove **IS FORBIDDEN**.

Failure to respect these instructions annuls all the warranties and could affect the safety of the appliance.

The first two or three times the stove is lit, following recommendations should be observed:

- No children should be present, as the vapours emitted can be harmful for health.  
Adults should not stay for very long either.
- Do not touch the surfaces, as they could still be unstable.
- Air the room well several times.
- The hardening of the surfaces is completed after several heating processes.
- This stove **must not** be used as **waste incinerator**
- Let the stove functioning for 2-3 days at the med. Power (on the display you read 3) for a good settlement of the components.

**ONLY FOR ECOLOGICA IDRO:** We suggest to set the stove on power 5, the stove will drop down automatically to the lowest level, according to the water temperature.



## 10 LIGHTING

1. Check that the hopper is loaded, that the combustion chamber is clean, that the glass door is closed, that the power socket is connected and that the switch on the rear is in position 1.
2. Press button 1 for three seconds; for the first 10 seconds, the display D1 will show the message "Att" with the numbers falling every second. During this stage, the stove will carry out an auto-control and check the efficiency of every single electrical component. When this cycle is completed, the display D1 will show the message Acc 15 (the stove attempts the lighting stage for 15 minutes and the number drops down by 1 every minute that passes).  
**NOTE:**  
When the hopper of the apparatus is loaded for the first time, pellets are not distributed to the combustion chamber for 15 minutes because the worm screw for loading the pellets is empty. The stove will automatically try another lighting phase for another 15 minutes; if the pellets do not drop into the burning pot in this case either and the fire does not develop, the display will show the message "NO acc".  
In this case, press button 1 for three seconds until D1 shows the message "OFF" (note 1) and then repeat the steps from 1 to 3.
3. If points 1 and 2 are carried out correctly, the stove will enter the lighting stage after 11 minutes and the display D1 will show the room temperature "20 C°" ("t on" is displayed by D1 when you connect a mechanical room thermostat to the stove (SEE CHAP. 10)
4. The desired heating power is adjusted by means of the buttons 4 and 5.

### N.B.

In case of continued lighting failures, even if the pellets are coming out from the feeding pipe as well, the problem could be that the electrical lighting plug is broken (note 2). In this case, contact an authorised technician.

### ATTENTION!

- NEVER USE FLAMMABLE LIQUIDS FOR LIGHTING
- WHEN FILLING, DO NOT BRING THE SACK OF PELLETS INTO CONTACT WITH THE HOT STOVE

*Note 1: Check that the burning pot is completely free and clean*

*Note 2: In any case always check before lighting the stove that the burning pot is completely free and clean.*

## 11 NORMAL OPERATION - TURNING OFF - REMOTE CONTROL

### 11.1 Normal operation

When the stove has been lit, the user can adjust the heating power by means of buttons 4 and 5. By pressing 4, the heating power and the pellet consumption will decrease, while by pressing 5 it will increase. The feed rate is shown on the display D2 as follows:

Heating power display D2	CONSUMPTION				
	Preziosa BabyFiamma	Ecologica Divina-Divina Plus	Bella-Bella Lux I.C. mini	Contessa I.C. maxi	Ecologica Idro
1	0,4 Kg/h	0,6 Kg/h	0,6 Kg/h	0,6 Kg/h	0,6 Kg/h
2	0,6 Kg/h	1,0 Kg/h	0,85 Kg/h	0,9 Kg/h	1,2 Kg/h
3	0,8 Kg/h	1,5 Kg/h	1,1 Kg/h	1,3 Kg/h	1,8 Kg/h
4	1,0 Kg/h	2,0 Kg/h	1,35 Kg/h	1,6 Kg/h	2,4 Kg/h
5	1,2 Kg/h	2,4 Kg/h	1,6 Kg/h	2,0 Kg/h	3,0 Kg/h

Besides the feed rate, also the room temperature can be set directly from the control panel; this topic is dealt with in detail in **chapter 12**.

The stove adjusts itself automatically as far as warm air ventilation is concerned.

The timer-thermostat function allows the user to program the automatic starting and stopping of the stove.

The contents of the hopper should be monitored to prevent the stove going out because of a lack of fuel.

## ATTENTION!

1. The cover of the pellet container must always be closed, excepting when loading fuel.
2. The sacks of pellets, must be kept at least 1.5 metres away from the stove.
3. A half hopper of pellets should always be constantly kept.
4. Before filling the stove hopper with pellets, make sure that the appliance is off.

## 11.2 DIVINA PLUS operation

The operation of the model DIVINA PLUS is the same of the other models, in addition it has a second motor for the canalisation of the air. During normal operation, the second fan follows the running of the first one.

It is anyway possible to switch on/off the functioning of the second motor as well as increasing /decreasing the ventilation of the same per cent.

## 11.3 Turning off

Press button **1** (see **fig. 20 and 20bis**) for **three seconds**.

At the end of this operation, the stove automatically starts the shutdown stage, cutting off the feeding of pellets. The display **D1** will show the message **"off"**.

Both the fume extraction and warm air ventilation motors will run until the stove temperature drops sufficiently.

## N.B.:

In case of a voltage surge during operation, the stove will enter the cooling stage (the message **"RAF"** will appear on the display D1) and after reaching a safety temperature, it will automatically start the lighting cycle.

## 11.4 Remote control

The heating power, the desired room temperature and automatic starting/stopping of the stove can be adjusted by means of the remote control.

### Relation between remote control Buttons and display buttons

- |                  |               |
|------------------|---------------|
| <b>1</b> = P3+P5 | <b>4</b> = P4 |
| <b>3</b> = P3    | <b>5</b> = P5 |
| <b>2</b> = P2    |               |

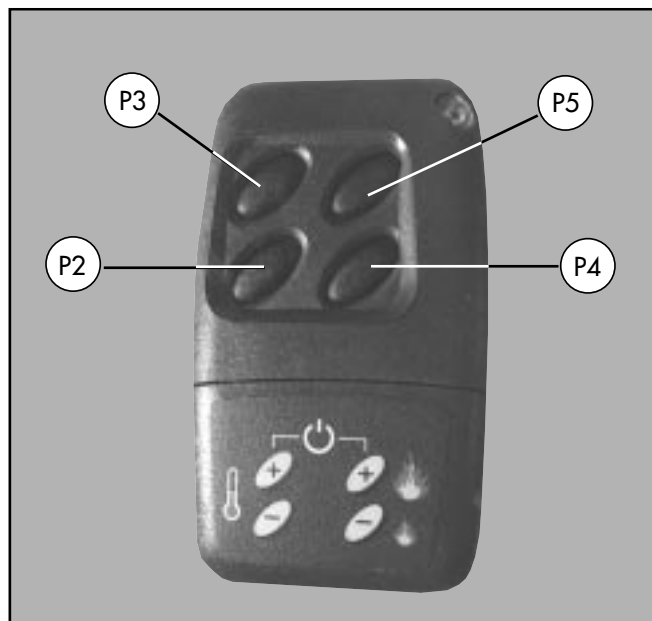


fig. 21

To light the stove, press both buttons P3 and P5 at the same time for 3 seconds (fig. 21); the stove will automatically enter the starting stage and the display D1 will show all the information described in chapter 10, points 2 and 3.

After the lighting phase, follows the starting phase allowing the stove to develop and to settle the flame.

When the lighting stage is completed, the stove enters the normal operation and the heating power can be adjusted by means of the buttons P5 (increase heating) and P4 (decrease).

The required room temperature can be +/- adjusted by pressing P3 or P2.

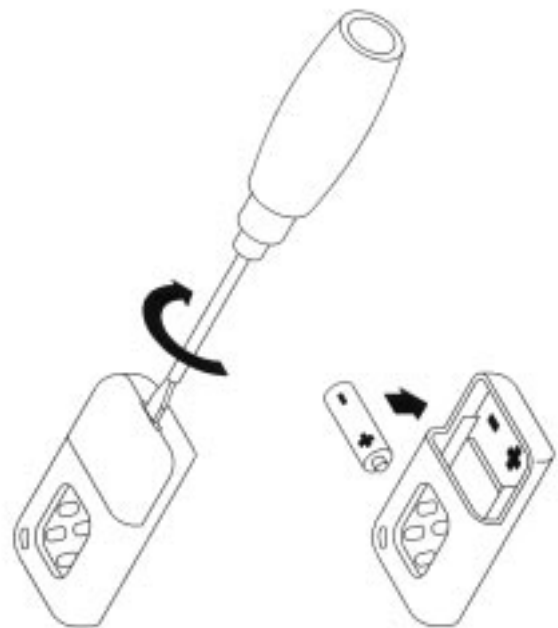
To turn off the stove, press both buttons P3 e P5 at the same time for three seconds. The display D1 will show the message "Off".

The remote control works with a battery of the MN21 12 volt type (the kind used for gate openers).

### FOR REMOVING THE BATTERY, FOLLOW THESE OPERATIONS:

- Insert a screwdriver as per drawing and turn it in a clockwise direction.
- Once the cover up, take it away with the fingers and remove the batteries.

**Once finished, the batteries must be removed from the remote control, and thrown in the due containers.**



## 12 ROOM THERMOST

### 12.1 Digital thermostat

The stove can control the room temperature by means of a digital thermostat whose function is to lower the heating power to the minimum when a pre-set temperature is reached.

1. When the stove has been started and it has entered the normal operating mode, a number (f.i. 21 C) appears on the display D1; this value indicates the room temperature.
2. The thermostat is set by pressing the button 2 and 3. A message will appear on the display which alternates the word "set" with the temperature to set every time one of the buttons is pressed; the value is reduced by pressing 2 and increased by pressing 3.
3. When you have adjusted the desired temperature, wait until the message "set" disappears from the display.
4. The desired heating power is adjusted by means of the buttons 4 and 5.

When the stove reaches the set temperature it automatically goes to the minimum operating condition and the LED 1 on the display D1 will go off.

In case you wish to exclude the functioning of the digital thermostat, set, through button 3, set the temperature to max till when on the display D1 the message "Hot" will appear.

The same functions can be obtained by means of the remote control.

## 12.2 Mechanical thermostat (optional)

There is the possibility to put a thermostat in the room besides the installed stove: it is enough to connect a mechanical thermostat (like those for boilers) following the instructions of next point (we suggest to place the additional mechanical thermostat at a floor level of 1,50 m.)

### 12.2.1 Installation of the mechanical thermostat (optional)

1. Turn off the appliance using the main switch on the rear of the stove
2. Pull the plug out of the relative power socket
3. By referring to the electric drawing, connect the two thermostat wires to the relative terminals on the back side of the stove, one red and one black.  
**N.B.: installation must be carried out by a specialized technician.**

### 12.2.2 Mechanical thermostat operation

1. Set the desired heating power by means of the buttons **4 and 5** (fig. 20 and 21)).
2. Bring the room temperature to minimum by means of button **2** (Fig. 20 and 20bis) and the display will show "**Low**".
3. Adjust the desired room temperature by means of the thermostat (f.i. 21°C); the display will show "**t on**".
4. When the stove reaches the desired temperature, it goes to the minimum operating condition ("**Low**" will appear on **D1**). If the temperature drops, the stove will pass to "**t on**" again, returning to the setting previously adjusted.

### 12.2.3 Mechanical thermostat with energy saving function (Stby)

The function **Stby** is used in order to further reduce the pellet saving, switching off the stove when the desired temperature has been reached.

On the contrary, if the temperature falls down, the stove will automatically switch on.

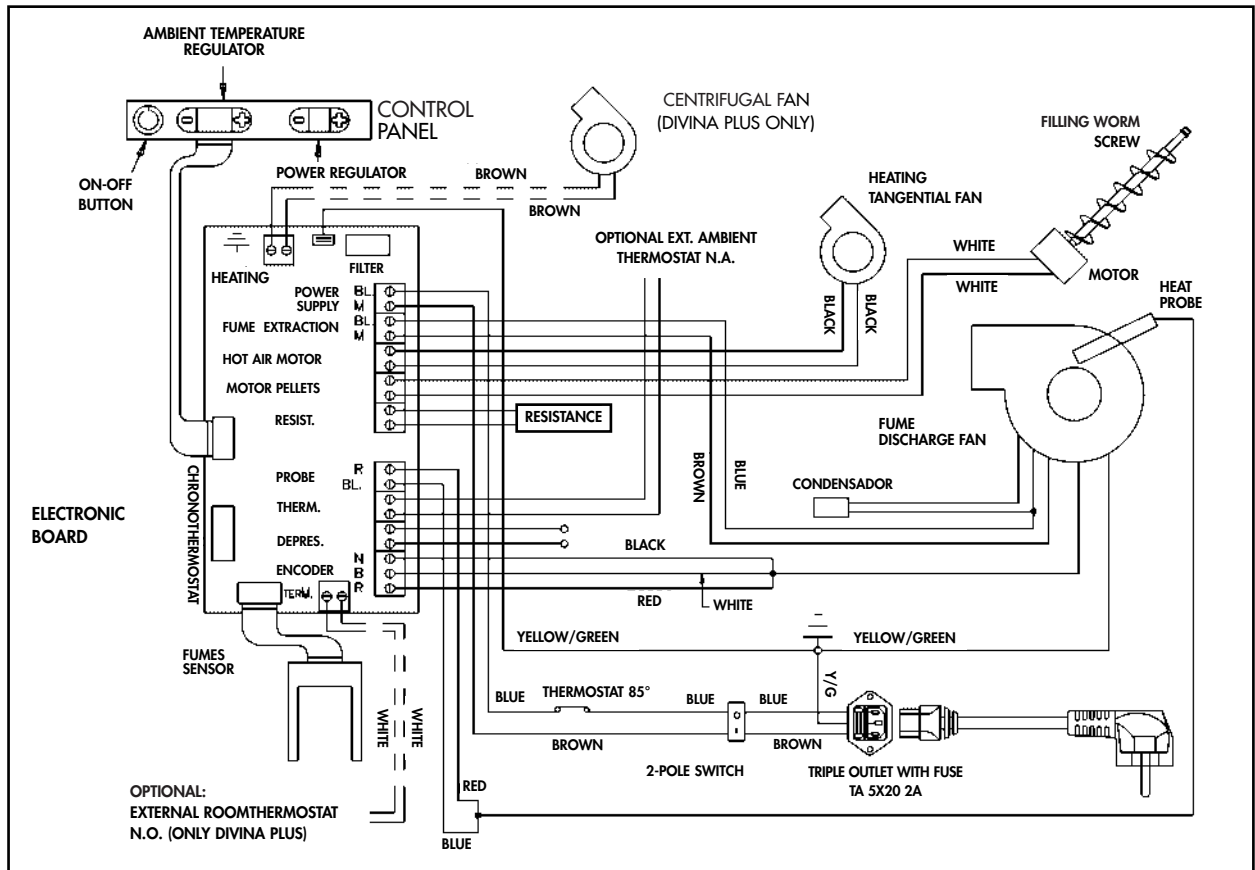
1. Set the desired temperature through the button 4 and 5 (**Pict. 20 and 20bis**)
2. Through the button 2, set the room temperature at the minimum position till when on the display **D1** appears the writing **Low** and **Set** blinking.
3. While the writing **Low** and **Set** are blinking, press button 1 for 3 seconds and on the display appears the writing **Stby**, that means that the function of energy saving is on.
4. Through the mechanical thermostat, increase the temperature till when on the display the writing **Acc15** will appear, that means that the stove is starting the automatic switching on and then will continue with the normal functioning.
5. When the mechanical thermostat reaches the desired temperature, the stove starts the **Stby** function switching off automatically.

### 12.2.4 Mechanical thermostat operation for canalisation motor (only for DIVINA PLUS)

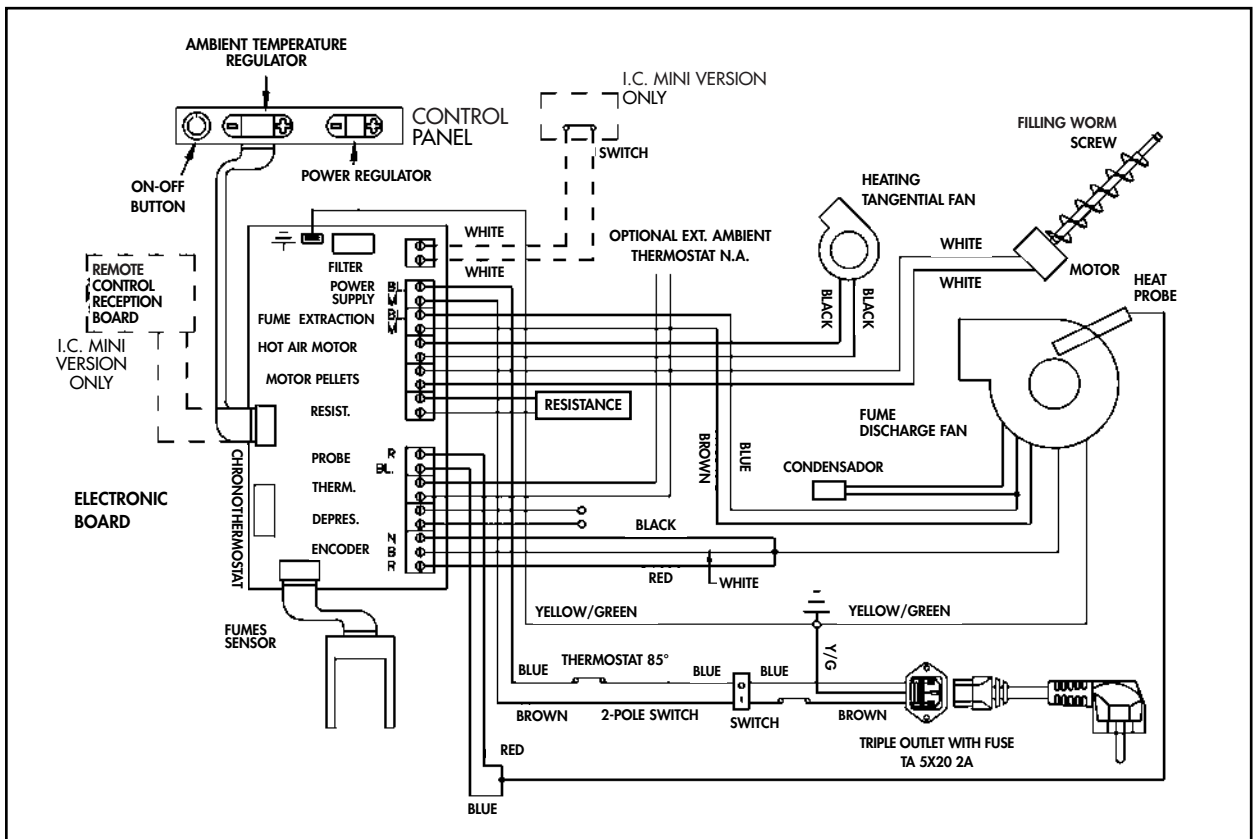
The connection of an external thermostat allow to share the functioning of the stove from the functioning of the canalisation motor.

At this point you just have to fix the desired temperature, the mechanical thermostat will control the functioning of the second motor :

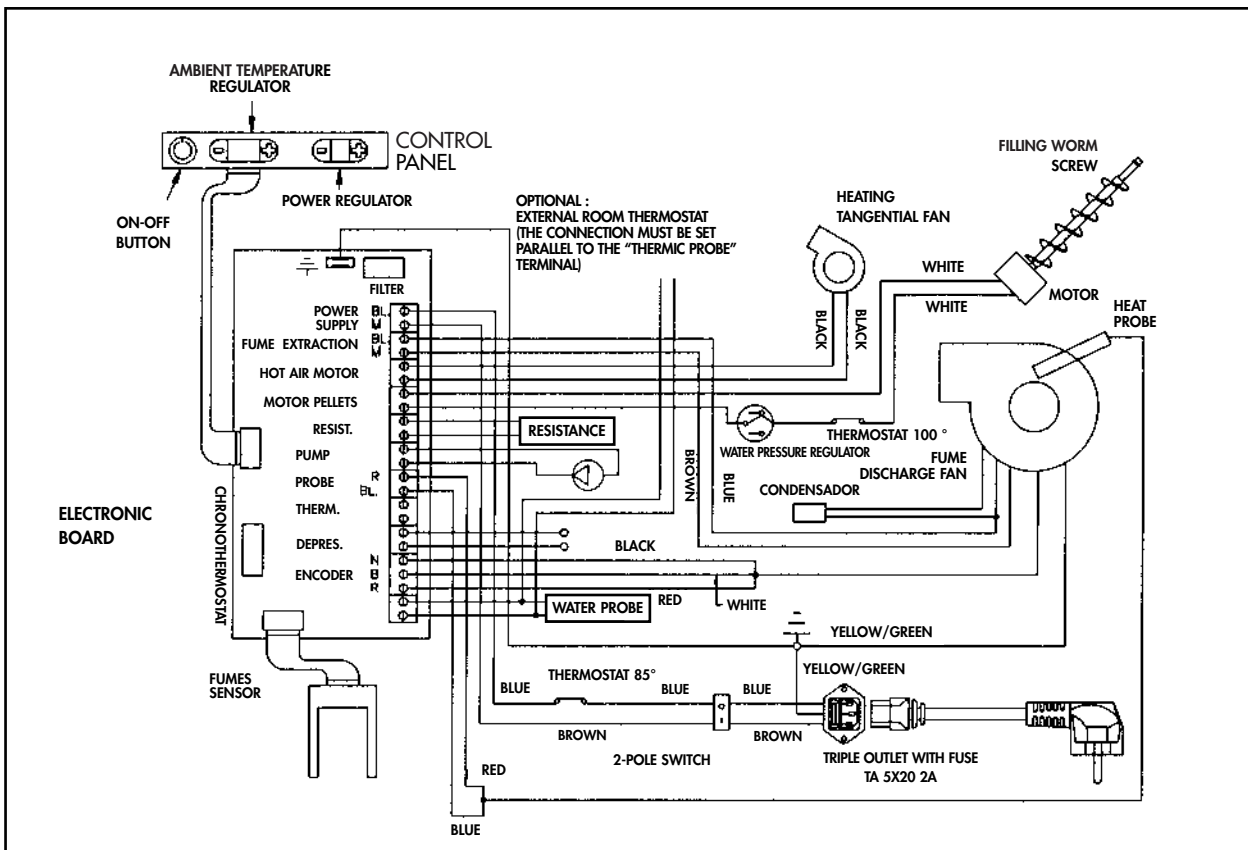
If the temperature has not been reached yet, the second motor will follow the running of the stove. Once the temperature has been reached, the stove will bring the second motor to the first power, making the pilot light of the control panel blinking ( see chapter 8 control panel ).



Electric drawing Ecologica - Babyfiamma - Preziosa - Divina - Bella - Bella Lux - Contessa



Electric drawing I.C. MAXI and I.C. MINI



Electric drawing Ecologica Idro

## 12.3 USER PARAMETERS

Display D1	Display D2	Function
<b>Chronothermostat</b>		
Off	1	Start/Stop chronothermostat, setting current day
00:	2	Current Hour Setting
:00	3	Current Minutes Setting
00	4	Installer Parameter (must not be changed)
00:00	5	First Ignition Time
00:00	6	First Extinction Time
Off 1	7	Consents 1st Ignition/Extinction on the weekdays
00:00	8	Second Ignition Time
00:00	9	Second Extinction Time
Off 1	A	Consents 2nd Ignition/Extinction on the weekdays
<b>DAY-NIGHT TEMPERATURE FUNCTION</b>		
06:00	B	Start Day Phase/End Night Phase
22:00	C	Start Night Phase/End Day Phase
25	D	Maximal Temperature Day Phase
20	E	Maximal Temperature Night Phase
<b>PELLETS LOADING SETTING</b>		
00	F	% Pellets Loading Setting
<b>CANALISATION FAN PARAMETERS (DIVINA PLUS)</b>		
Off	G	Canalisation Fan Ignition/Extinction
00	H	% Canalisation Fan Setting

## 13 CHRONOTHERMOSTAT

This function enables you to program 2 ignitions and 2 extinctions on all the days of the week. The ignition and extinction times will be included within a daytime, from 0 to 24, and cannot overlap on more days:

Ex. Ignition 07:00 / Extinction 18:00                      OK  
       Ignition 22:00 / Extinction 05:00                    WRONG

All manual controls, made by remote control or on the display, have priority on programmed settings.

To enter this setting, please press button **3**, and while keeping it pressed, press button **5** on the display.

On **D1** you will have "OFF", on **D2** a blinking **1**.

By means of buttons **2** and **3**, set the current day of the week; on the display **D1**, the following messages will appear and will change each time you press buttons **2** or **3**.

ON Display D1	Meaning
Day 1	Monday
Day 2	Tuesday
Day 3	Wednesday
Day 4	Thursday
Day 5	Friday
Day 6	Saturday
Day 7	Sunday

Ex: If today is **TUESDAY**, **Day2** will be set on the display.

Once you set the day, you are going to set the current hour. Press button **5** again. On the display, the message "00:" will appear.

By means of buttons **2** and **3**, set the current hour, then press **5** again.

"00" will appear, to be set.

If all operations have been carried out correctly, you will have set the current day and time on the stove.

Please, press **5** again, on the display "00" will be displayed.

**N.B:** This parameter was meant for the Technical Assistance Service and must not be changed, as it could compromise the correct functioning of the stove.

**Please, bring it back to "00" if you change it by mistake.**

Press button **5** again to carry on. The message "07:00" will appear on **D1**.

You are going to decide here what time you want the stove to light, by means of buttons **2** and **3**.

Once you press button **5** again, you are going to decide what time you want the stove to stop, by means of buttons **2** and **3**.

After pressing button **5**, you are going to decide on what days of the week you want the stove to respect the ignition/extinction time you have just set.

On the display **D1**, you will have "OFF1", meaning that the chronothermostat will be off on Monday. By pressing button **1**, "OFF1" will become "ON1", activating the chronothermostat on Monday.

This procedure must be carried out by going through all the day of the week by pressing button **3** and choosing on what days the stove must light/stop according to the phase you just entered. By pressing button **5**, a second lighting-time will be shown. As described above, it is possible to set 2 different working-phases.

To activate the second one, you have to repeat the same steps as described so far.

**N.B:** When the chronothermostat is active, this will be displayed one of these 2 ways:

- Display ➡ Some blinking lines forming a sort of square will flash on **D1**.
- Display with leds ➡ the chronothermostat pilot light will be on (see display description).

To stop the chronothermostat, press button **3**, and while keeping it pressed, press button **5** on the display. Set the value on D1 on **OFF** (you access OFF after **Day7** or before **Day1**), then press **1** to confirm and exit. To see the current time, press button **1** for **1** second, **if you press it longer than 1 second, the stove will be switched on/off.**

### 13.1 DAY AND NIGHT TEMPERATURE FUNCTION

This function enables you to light and stop the stove according to 2 pre-set temperatures.

You can choose one temperature for the day and one for the night.

To set these 2 temperatures, please enter the user programming by pressing button **3**, keep it pressed, then press button **5**.

On **D1**, you will have the message "**off**", on **D2** a blinking "**1**". After pressing button **5**, you will have "**00**" on **D1** and **2** on **D2**. Set the current hour by means of buttons **2** and **3**. Press button **5** again. "**00**" will appear on **D1**, on **D2** the number **3**.

These are the current minutes, set them as well by means of buttons **2** and **3**.

Press button **5** again, as far as you can see the letter "**b**" on **D2**.

You are going to set here the start of the day-phase and, as consequence, the end of the night-phase, by means of buttons **2** and **3**. After pressing button **5**, you are going to set the end of the day-phase and the start of the night-phase, by means of buttons **2** and **3**. On **D2**, the letter "**c**" will be displayed. We have so far divided the day into 2 phases, these parameters are meant to distinguish a temperature for the day- and one for the night-phase. After pressing button **5**, you are going to set the maximal temperature you would like to have during the day-phase, by means of buttons **2** and **3**. On **D2**, the letter "**d**" is displayed. Then press button **5** again, and choose the temperature you would like to have during the night-phase, by means of **2** and **3**. On **D2**, the letter "**d**" is displayed.

Confirm these settings by pressing button **1**, and leave this program.

To activate/desactivate this function, press button **4**, and while keeping it pressed, press button **5**.

On the display, this function will be confirmed one of these 2 ways:

- Display  $\Rightarrow$  you will have a blinking "**L**" on **D2**.
- Display with leds  $\Rightarrow$  the day-night function pilot light will be on (see display description)

**N.B. This operation can be only carried out when the stove is off !**

#### Summary table

You will have the message "**doff**" on **D1**, when the stove turns off because the pre-set temperature has been reached. The stove will turn on again automatically when the room temperature will decrease of  $3^{\circ}\text{C}$  under the maximal preset temperature.

Display D1	Display D2	Meaning
<b>00:</b>	2	Current Hour Setting
<b>:00</b>	3	Current Minutes Setting
<b>06:00</b>	B	Start Day Phase/End Night Phase
<b>22:00</b>	C	Start Night Phase/End Day Phase
<b>25°C</b>	D	Maximal Temperature Day Phase
<b>20°C</b>	E	Maximal Temperature Night Phase

Ex. Stove mode  $\Rightarrow$  **doff**  
Maximal preset Temperature  $\Rightarrow$  **25°C**

When the room temperature will be under  $22^{\circ}\text{C}$  ( $25 - 3 = 22^{\circ}\text{C}$ ), the stove will turn on again automatically.

### 13.2 PELLET FEEDING ADJUSTMENT

If the stove has any kind of problem caused by the amount of pellets, you can directly set it on the display. We can divide the problems related to the combustible quantity into 2 categories:



### 1- LACK OF PELLETS

- The stove cannot develop a suitable flame, tending to burn very low also at high speeds.
- At lowest speed, the stove tends to burn out/burns out, bringing the message "NO PELL" on the display.
- When "NO PELL" is displayed, some 'not burnt' pellets can still lie in the combustion burner.

### 2- EXCESS OF PELLETS

- The stove develops a very high flame also at low speeds.
- The flame tends to soil the panoramic glass very much, darkening it nearly completely.
- The combustion pot tends to become encrusted, blocking the air intake holes, as pellets are not completely burnt.

N.B: If the problem occurs only some working-months later, please verify whether the ordinary cleanings, mentioned in the user manual, have been carried out.

The setting to be carried out is a setting per cent. This means that any change of this parameter will imply a proportional variation on all loading speeds of the stove.

To enter the proportional variation of the pellets loading, you have to press button **3**, and while keeping it pressed, press button **5**.

Now, move by means of button **5** through the menu, as far as you see an "F" blinking on **D2**.

If you go beyond this value unintentionally, exit by pressing button **1** and repeat this procedure.

The value "00" will be displayed on **D1**: by means of buttons **2** and **3**, you'll be able to set an increasing/decreasing per cent of 5 points (ex 00, 05, 10).

The scale goes from - 50 to + 30. Once you set this value, confirm and leave this program by pressing button **1**.

#### Adjustment table

<b>LACK OF PELLETS</b>	Increase the value per cent of 5 points e start the stove with this new value. If the problem is lightened but not solved, increase of 5 points more. If the problem cannot be solved, please turn to the Technical Assistance.
<b>EXCESS OF PELLETS</b>	Decrease the value per cent of 5 points e start the stove with this new value. If the problem is lightened but not solved, decrease of 5 points more. If the problem cannot be solved, please turn to the Technical Assistance

### 13.3. DIVINA PLUS CANALISATION FAN PARAMETERS

These parameters enable you to carry out some operations on the canalisation fan in the Divina Plus.

To access these parameters, please press button **3**, and while keeping it pressed, press button **5**, then move by pressing button **5** through the menu as far as a blinking "G" appears on **D2**.

#### Parameters Table

<b>off</b>	<b>G</b>	Canalisation Fan Ignition/Extinction
<b>00</b>	<b>H</b>	% Setting of the Canalisation Fan

"G" is to activate/disactivate the canalisation fan: by means of buttons **2** and **3**, you'll decide whether you want this fan to turn or not. To confirm and leave this program, press button **1**.

If you want to carry on in the program, press button **5**.

"F" enables you to make a change per cent on the speed of the canalisation fan in the Divina Plus. So, this change will proportionally imply all the working speeds of the stove.

"00" will be displayed on **D1**: by means of buttons **2** and **3**, it will be possible to increase/decrease the original value of 5 points each time (this parameter can be modified on a scale from -50 to +30).

Once this value is set, you can leave this program either with button **1** or **5**.

### 13.4 ALARM MESSAGES

If operating faults occur, the stove provides a control system which informs the user on the display where the fault has occurred. The alarms are summarised in the following table:

Message on the display D1	Type of problem	Solution
<b>Fum Fail</b>	<ul style="list-style-type: none"> <li>- The fume motor is blocked</li> <li>- The speed control probe is broken</li> <li>- No power supply to the motor</li> </ul>	Replace the motor or check if there is power supply <b>These operations must be carried out by an authorised engineer</b>
<b>Fum tc</b>	<ul style="list-style-type: none"> <li>- The thermocouple is broken</li> <li>- The thermocouple is disconnected from the board</li> </ul>	Check that the thermocouple is correctly connected using the wiring plan on the hopper or replace the component. <b>These operations must be carried out by an authorised engineer</b>
<b>Hight temp</b>	<ul style="list-style-type: none"> <li>- Too full of pellets</li> <li>- No power supply to the tangential motor</li> </ul>	Check the power supply Replace the broken motor Adjust the pellet feeding <b>These operations must be carried out by an authorised engineer</b>
<b>Hight H<sub>2</sub>O (only for Mod. IDRO)</b>	<ul style="list-style-type: none"> <li>- The circulation pump is blocked</li> <li>- The power of the plant is lower than 0,9 m<sup>3</sup>/h</li> <li>- The water plant is out of water</li> </ul>	Check that there is power supply in the pump. Check that the pump impeller is not blocked by limestone. The plant is too big in relation to the pump flow (add an additional pump). Fill the plant up by means of the relative feeding group. Check there is no leakage causing the emptying of the plant. <b>These operations must be carried out by an authorised engineer.</b>
<b>Depr Fail</b>	<ul style="list-style-type: none"> <li>- The flue is obstructed</li> <li>- The chamber is dirty</li> <li>- The silicone tube is disconnected</li> </ul>	Check that the flue and chamber are clean Check the connection of the silicone tube <b>These operations must be carried out by an authorised engineer</b>
<b>No acc</b>	<ul style="list-style-type: none"> <li>- No pellets in the hopper</li> <li>- Lighting for the first time</li> </ul>	Fill the stove with pellets When lighting for the first time, see chapter 10.
<b>Raf</b>	<ul style="list-style-type: none"> <li>- Power failure during stove operation</li> </ul>	The appliance will cool down and then will carry out the lighting stage automatically.
<b>Pull</b>	<ul style="list-style-type: none"> <li>- Automatic burn pot cleaning</li> </ul>	<b>This message is not an alarm</b> This function is starting each 3 hours and 20 minutes making the fumes motor working at max power for 30 seconds in order to keep the burn pot clean.
<b>No Pell</b>	<ul style="list-style-type: none"> <li>- Low temperature in the fire chamber, the fire dies and the pellet feeding stops.</li> </ul>	Empty the burn pot and the restart the stove again. Maybe you have to adjust the pellet feeding after the running in of the gearmotor. <b>If the stove is new:</b> Fill the hopper with pellet. Set the stove on position 3 or 4 for a min. period of 30 hours for a good settlement of the motors and of the mechanical components. During these 30 hours, set the room thermostat on <b>HOT</b> .
<b>Atte</b>	<ul style="list-style-type: none"> <li>- When the stove is trying another starting after having just turned off ( normal turning off or caused by an alarm)</li> </ul>	When the stove turns off (normal turning off or caused by an alarm) it is necessary to wait its cooling down and provide to clean the burn pot. Only after these operations you can start the stove again.

## 14. Operation description of the radiofrequency bi-directional remote control with LCD display for the model INSERTO COMFORT MINI

### 1. GENERAL DESCRIPTION

The radiofrequency remote control communicates via a bidirectional way with the mother board, sending commands and displaying the operation status of the stove.

#### Operation frequency selection

Should more than one device be installed within the range of some meters, it is possible that one interferes with the other jeopardizing the correct operation. To avoid this, it is possible to assign a specific coding to each single device:

1. Disconnect the power supply from the stoves
2. Remove the batteries from the remote controls
3. Re-insert the battery in the remote control to be coded
4. Press simultaneously the keys 4 and 5 for three seconds until the display shows the text "UNIT"
5. Using the push-button 4 or 5, select the wished coding (from 0 to 3)
6. Enable the stove to be coded
7. After the acoustic signal of 2 beeps, press the push-button 1 for 4 seconds until the display shows the text "extraflame".

Here below we provide the main characteristics:

The visual interface is supplied as a display by LCD of 24 characters located on 4 lines plus 16 bars. Capacity in transmission and reception is 4 meters in free air.

Display of the product operational status.

Direct commands for switching ON/OFF, power change.

Setting the weekly programmer (chronothermostat)

Power supply by batteries (2 x 1,5 V type AA).

Size 61 x 150 x 20 (Base x Height x Depth)mm

### 2. THE KEYBOARD

Here below we indicate the image of the radiofrequency remote control for the dialog with the mother board.

#### Button 1 – ON/OFF unlock

The key, pressed for two seconds, allows the manual ignition or the switching OFF of the stove according to the fact that one is in the ON or OFF status.

When the alarms occur, bringing the stove to the **Block**, the button allows the unlock and the following passage to the status **OFF**.

During the programming of the user's parameters allows to exit returning to the main menu.

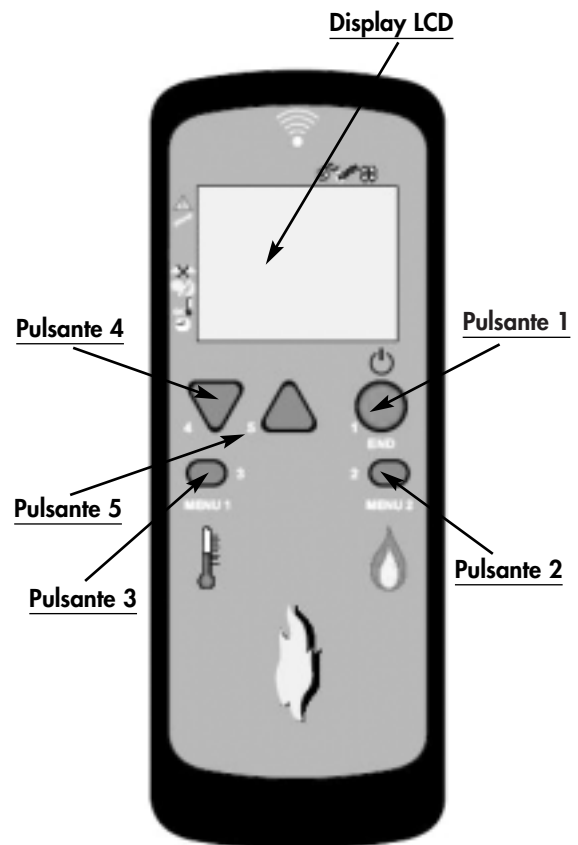
#### Buttons 4 e 5 – Increase / Decrease parameter

In the main screen, the buttons allow to adjust the power of operation of the stove from a minimum value of 1 to a maximum value of 5; such a value is indicated in the upper display.

During the modification of the user's parameters, the buttons allow to perform the increase/decrease desired of the parameter, whose value is displayed on the first line of the display.

#### Buttons Menu 1(3) and Menu 2 (2)

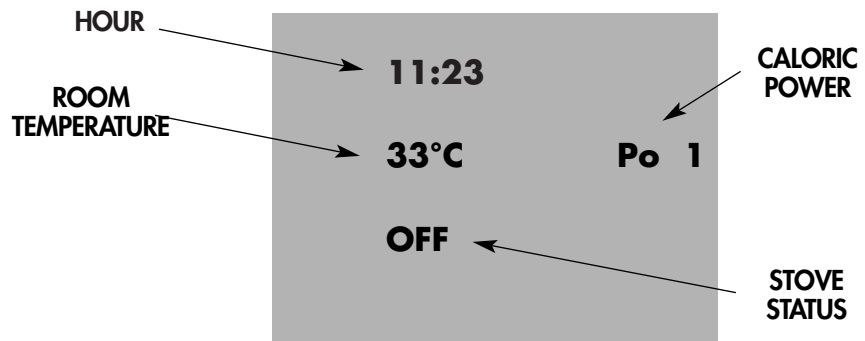
The following buttons allow to enter and set the user's programmings.



### 3. THE DISPLAY

The display LCD by 32 characters located on 4 lines by 8 characters each and 16 bars. The displaying of the display changes according to the status of the stove, or the menu displayed.

In standby the display is the following:



**Hour:** it is indicated the current time; it must be set inside the **CHRONOTHERMOSTAT** (see menu SET CLOCK).










**Ambient Temperature:** it indicates the ambient temperature.

**Caloric Power:** it indicates the power of operation. It is fixed during the work of the stove.

**Status of the stove:** it indicates the status of the stove, i.e. if this is ON or OFF.

**Other displayings:** The display provides also information related to the various functions of the stove.

In this tables we list the various displayings:

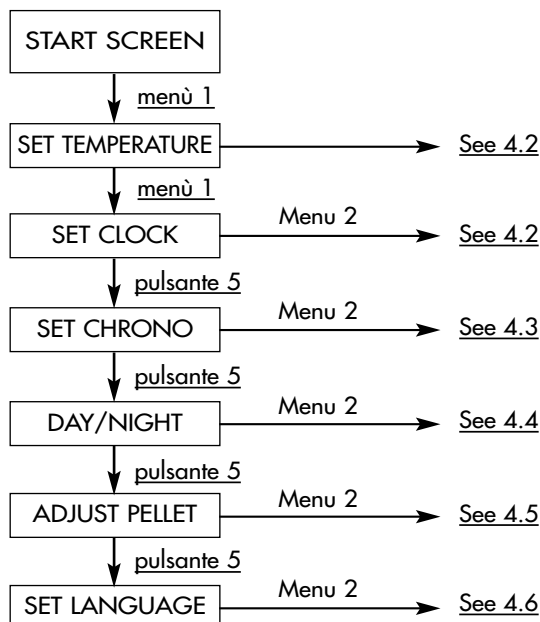
	It is ON when the chronothermostat is activated.
	It is ON when the room temperature is lower of the set of the temperature which has been set. It is OFF when the room temperature is higher than the set of the temperature which has been set.
	It is ON when the function day/night temperature is activated
	It is ON when the ignition spark plug is disabled
	It is ON during the cleaning of the stove.
	It is ON when an alarm occurs.
	It is ON when the smokes expulsion motor is ON.
	It is ON when the feeding gearmotor is running.
	It is ON when the tangential fan is ON.

#### 4. USER'S MENU

In this table we list all various menus available for the user:

N°	Menu	Description
1	Set temperature	Menu to set the temperature
2	Set clock	Menu to set current hour and day
3	Set chrono	Menu to set programs of ignition/switching OFF
4	Day/Night	Menu for the day/night temperature function
5	Set pellet	Menu for the adjustment of pellet drop %.
6	Set language	Menu for the language selection

Here below we indicate a list to access to the various user's menus:



##### 4.1 SET TEMPERATURE MENU

The value of the temperature may be varied in any moment by the user. Pressing the button menu 1(3) on the display appears "SET TEMPERATURE"; Now through the buttons 4 and 5 select the value desired to set the temperature: the buttons allow to increase/decrease the value of the ambient thermostat from a minimum value of 07°C (on the display appears MIN) to a maximum value of 40°C (on the display appears MAS); such a value is indicated on the first line of the display, while on the third and fourth line appears the message SET AMBIENT TEMP. Once it is set the value desired confirm with the button 1.

##### 4.2 SET CLOCK MENU

After selecting the menu "SET CLOCK" press the menu button 2(2) to scroll the following sub-menus(see Fig.1 Pag.5.):

Par.	Display	Description	Settable values
1	Day clock	Setting current day and ON/OFF programming.	OFF; Day1, ...,Day7
2	Hours clock	Setting current hour.	From 00 a 23
3	Minutes clock	Setting current minutes.	From 00 a 59

We indicate here below the meaning of some parameters.

## Parameter 1:

According to the type of application and use made by the user, such a parameter is used to set the current day of the week (weekly operation), or disable the weekly scheduling.

If the parameter 1 is set with the current day, e.g. Tuesday/Day2 it is possible to select the day of the week to which associate the ignition of one or more of the programs set. Pressing the buttons P2 and P3 it is possible to select the value desired.

Display D1	Meaning
Day 1	Monday
Day 2	Tuesday
Day 3	Wednesday
Day 4	Thursday
Day 5	Friday
Day 6	Saturday
Day 7	Sunday
OFF	Chronothermostat disabled

## 4.3 SET CHRONO MENU

The function of chronothermostat allows to program for all the days of the week 2 ignitions and 2 switchings OFF.

After selecting the menu "SET CHRONO" press the button menu 2(2) to scroll the following submenus(see figure 1 pag. 5):

The parameters of the Chronothermostat are the following:

Par.	Display	Description	Settable values
1	Start Program 1	Timetable first ignition	Da 00:00 a 23:50 a intervalli di 10'
2	Stop Program 1	Timetable first switching OFF	Da 00:00 a 23:50 a intervalli di 10'
3	Days ON 1	Consents 1st ignit./swit. OFF for the various days	ON/OFF per tutti i giorni
4	Start Program 2	Second ignition timetable	Da 00:00 a 23:50 a intervalli di 10'
5	Stop Program 2	Second switching OFF timetable	Da 00:00 a 23:50 a intervalli di 10'
6	Days ON 2	Approvals 2nd ignit./swit. OFF for the various days	ON/OFF per tutti i giorni

The setting of the following parameters is activated only if the parameter 1 of the "SET CLOCK" is set in modality of weekly programming.

Here below we indicate the meaning of some parameters.

## Parameter 1 and parameter 2

These two parameters indicate the timetable of start and end of the first hour timetable of programming.

## Parameter 3

Through the button P5 it is selected the day of the week and with the button P4 it is activated/deactivated the first hour range of programming. For example "off 2" means that on Tuesday the stove does not perform the first hour range, while if you set "on 6" it means that on Friday the stove performs the first hour range.

## Parameter 4 and parameter 5

These two parameters indicate the timetable of start and end of the second hour range of programming.

## Parameter 6

Through the button P5 it is selected the day of the week and with the button P4 it is activated/deactivated the second hour range of programming. For example "off 2" means that on Tuesday the stove does not perform the second hour range, while if you set "on 6" it means that on Friday the stove performs the second hour range.

#### 4.4 DAY/NIGHT MENU

The day-night temperature function allows to start and switch OFF in automatic way the equipment according to the two temperatures selected. After selecting the "DAY-NIGHT" menu press the menu button 2(2) to scroll the following submenus(see figure 1 pag. 5):

Par.	Display	Description	Settable values
1	Day night	Enables/disables the day/night function	ON/OFF
2	Day start	Start of the day range/end of the night range	From 00:00 to 23:50 at intervals of 10'
3	Day End	End of the day range/Start of the night range	From 00:00 to 23:50 at intervals of 10'
4	Max temp. day	Max temperature day range	From 0°C to 35°C
5	Max temp. night	Max temperature night range	From 0°C to 35°C

When the stove goes into switching OFF due to temperature reached on the display appears the blinking message "DAY-NIGHT OFF". The stove shall restart automatically when the ambient temperature lowers of 3 °C compared to the max temperature which has been set.

Es. Status of the stove  $\Rightarrow$  **DAY-NIGHT OFF**  
 Max temperature which has been set  $\Rightarrow$  **25°C**

When the ambient temperature lowers under 22°C ( $25 - 3 = 22$  °C) the stove restarts automatically.

#### 4.5 PELLET ADJUST MENU

In case the stove shows problems of operation due to the quantity of the pellets you may proceed directly from the commands panel to the adjustment of the pellets load.

The problems connected to the quantity of fuel may be divided into 2 categories:

##### 1- LACK OF FUEL :

- the stove never manages to develop a suitable flame; it tends to remain always low also with a high power.
- at the minimum power the stove tends almost to switch OFF bringing the stove to alarm "NO PELL"
- when the stove displays the alarm "NO PELL" there may be some unburnt pellet inside the furnace.

##### 2- FUEL EXCESS :

- the stove develops a very high flame also with low power
- tends to dirt a lot the panoramic glass obscuring it almost totally
- the furnace tends to encrust obstructing the holes for air suction due to excessive pellet load because it is burnt only partially.

*N.B. if the problem occurs only after some months of work, verify that the routine cleaning, indicated on the stove booklet, have been performed correctly.*

The adjustment to be performed is of the percentage type, then a modification on this parameter involves a proportional variation on all the loadings speeds of the stove.

To access to the percentage adjustment of the pellet load it is necessary to select the item "ADJUST PELLET" and press the menu button 2(2) .

On the display it shall be displayed the value "00": through the keys 4 and 5 you may adjust the percentage increase/decrease desired from 5 points to 5 points (the parameter may be varied with a maximum excursion from -50 to +30). Once the adjustment is performed, press the button 1 to confirm and exit.

## Adjustment table

<b>FUEL LACK</b>	Increase the percentage value of 5 points and test the stove with the new calibration. If the problem is reduced but not solved, increase of further 5 points. Repeat the operation up to the solution of the problem. In case it is not solved, contact the office of technical assistance.
<b>FUEL EXCESS</b>	Reduce the percentage value of 5 points and test the stove with the new calibration. If the problem is reduced but not solved, decrease of further 5 points. Repeat the operation up to the solution of the problem. In case it is not solved, contact the office of technical assistance.

## 4.6 LANGUAGE MENU

This menu allows to select the language of the menu. Currently it is available the ITALIAN version only

## 5 ALARMS DESCRIPTION

We provide here below the table of alarms which may occur :

Alarm	Type of problem	Solution
<b>Fum Fail</b>	<ul style="list-style-type: none"> <li>- The smokes motor is blocked</li> <li>- The probe for speed control is broken</li> <li>- No power supply to the motor</li> </ul>	Replace the motor or verify if there is power supply <b>These operations must be performed by an authorized technician</b>
<b>Fumi tc</b>	<ul style="list-style-type: none"> <li>- The thermal couple is broken</li> <li>- The thermal couple is disconnected from the card</li> </ul>	Check if the thermal couple is correctly connected using the wiring diagram located in the tank or proceed with the replacement of the component <b>These operations must be performed by an authorized technician</b>
<b>Hight temp</b>	<ul style="list-style-type: none"> <li>- The tangential fan is broken</li> <li>- Too much load of pellets</li> <li>- No power supply to the tangential motor</li> </ul>	Verify if there is power supply Replace the broken motor Adjust the load of pellets <b>These operations must be performed by an authorized technician</b>
<b>Depr Fail</b>	<ul style="list-style-type: none"> <li>- The chimney is obstructed</li> <li>- The chamber is dirty</li> <li>- The sensor is defective</li> </ul>	Check if the chimney and the chamber are clean Check if the sensor is burnt and replace it <b>These operations must be performed by an authorized technician</b>
<b>No acc</b>	<ul style="list-style-type: none"> <li>- No pellets in the tank</li> <li>- It is the first ignition</li> </ul>	Fill the stove with pellets If it is the first ignition, see chapter 8
<b>Raf</b>	<ul style="list-style-type: none"> <li>- Lack of current during the operation of the stove</li> </ul>	The equipment shall cool down and then automatically shall perform the phase of ignition.
<b>No Pell</b>	<ul style="list-style-type: none"> <li>- Low temperature in the fire chamber, the fire dies and the pellet feeding stops.</li> </ul>	Empty the burn pot and the restart the stove again. Maybe you have to adjust the pellet feeding after the running in of the gearmotor. <b>If the stove is new:</b> Fill the hopper with pellet. Set the stove on position 3 or 4 for a min. period of 30 hours for a good settlement of the motors and of the mechanical components. During these 30 hours, set the room thermostat on <b>HOT</b> .
<b>Atte</b>	<ul style="list-style-type: none"> <li>- When it is started an ignition and the stove has just gone OFF (normal switching OFF or caused by an alarm)</li> </ul>	When the stove goes in switching OFF (normal or caused by an alarm) it is necessary to wait the cooling of the machine and perform the cleaning of the furnace. Only after performing these operations you may proceed with a new ignition.



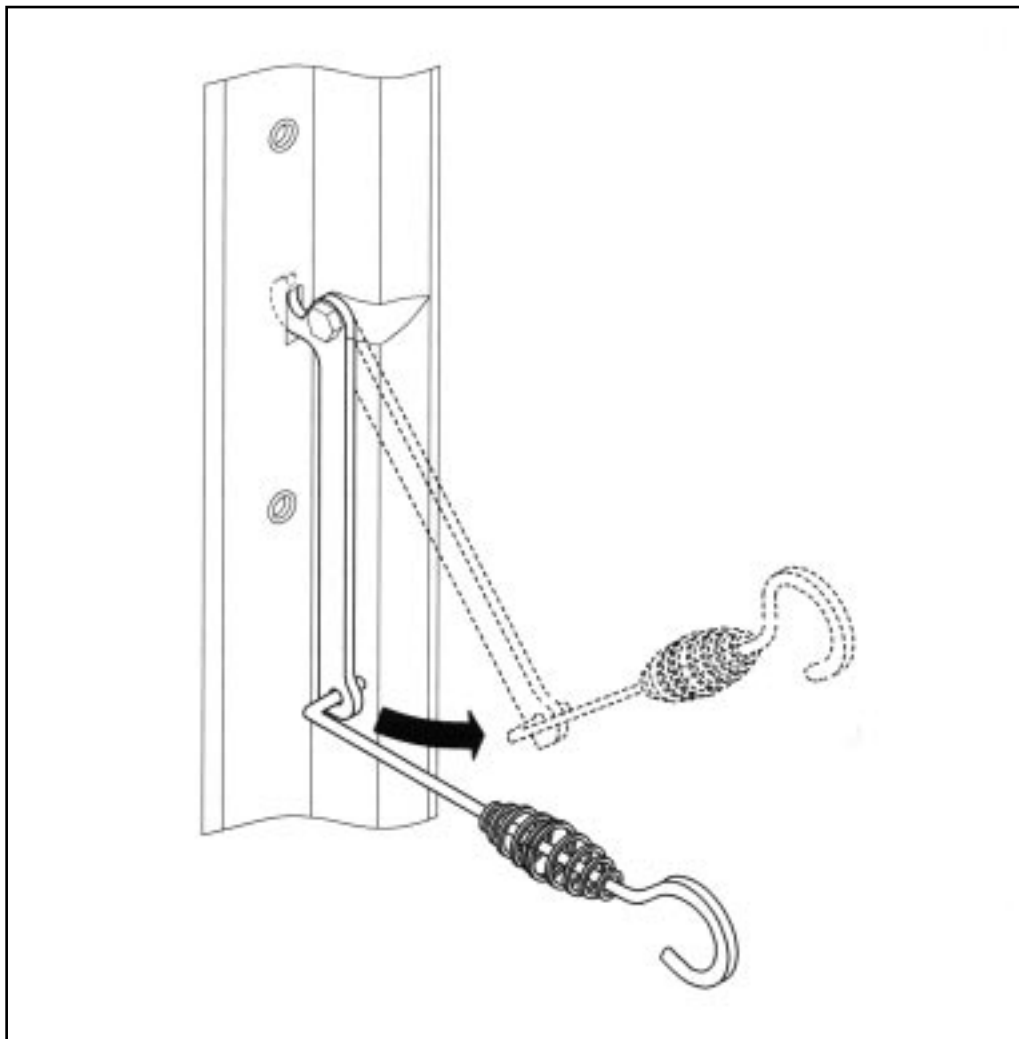
## 15 CLEANING AND MAINTENANCE

**ATTENTION:** All cleaning and maintenance operations must be carried out when the stove is completely cold.

All herewith described operations are very important to guarantee a correct functioning and a long life of your stove.

The cleaning frequency of your stove depends from the quality of the pellett you are using, For this reason we recommend you to make use of tested pellett only.

- For opening the handle make use of the special ash hook.
- Insert the 90° side of the special hook into the hole in the bottom part of the handle and pull towards you.



## 15.1 Cleaning Ecologica-I.C.MAXI- Ecol.Idro

- 1 The ash tray must be emptied whenever necessary. When you carry out this operation, you should check that the chamber under the burn pot is clean and that the relative holes for the air are not obstructed. Use a vacuum cleaner to simplify this operation. (See fig. 22)
- 2 To have a constant heat yield all the time, slide the two scrapers from the top to the bottom, every day, by means of the two knobs on the top of the stove. (See fig. 23) This is for removing the ash, which deposits on the tubes of the heat exchanger.
- 3 The glass window in the door should be cleaned using a cloth moistened with water (**only when the glass is cold**). A solvent, which can be bought from our dealers, can be used for more stubborn dirt.
- 4 Clean the heat exchanger chamber every week, if necessary.
- 5 On the Ecologica IDRO, the mobile firewall can be removed once a month ( see Fig.25).



fig. 22

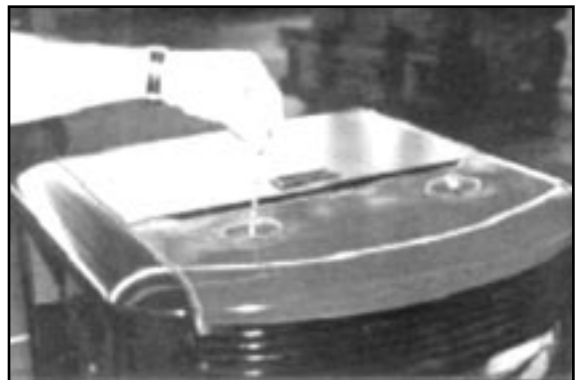


fig. 23



fig. 24

### CLEANING PROCEDURE

- a) Open the glass door.
- b) Using a specific tool, turn the two screws/bolts, which keep the mobile firewall, through 90° towards the centre. (See Fig. 24)
- c) Remove the mobile firewall, taking care not to damage the insulating ring.  
NOTE: the insulation ring may deteriorate with the time; when necessary it must be replaced with a new one, which can be purchased exclusively from our authorised dealers.

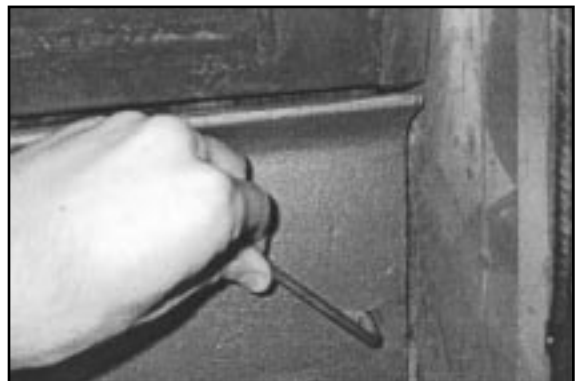


fig. 25

d) If the interior is dirty, use the equipped tool to scrape the deposited ashes and then remove them by using a vacuum cleaner (Fig.26). Insert the mobile firewall again, fixing it with the two screws/bolts, taking care not to damage the ring.

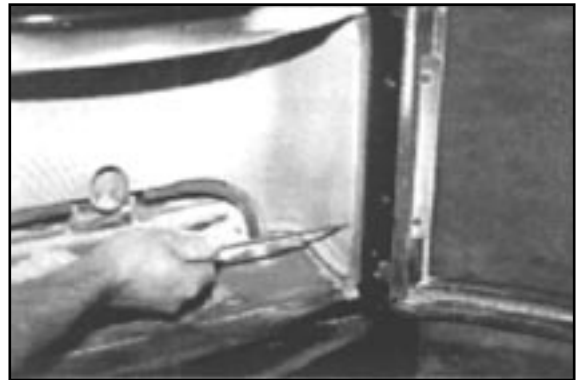


fig. 27

e) Monthly, or whenever necessary, we suggest to provide for a complete cleaning of the combustion chamber. To do this, unscrew the four screws on the side of the chamber wall (Fig.27) and remove it (Fig.28). Now scrape as described before by using the equipped tool and then vacuum all the deposited ashes between the stainless steel tubes (Fig.29)

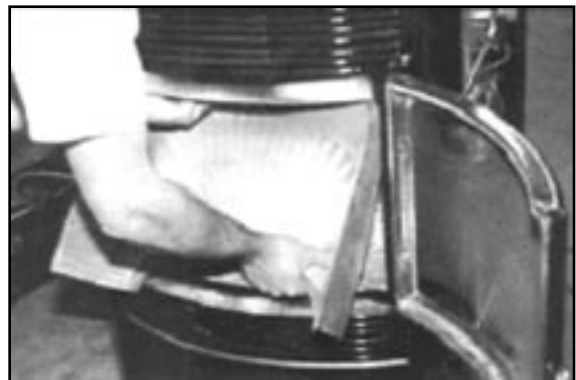


fig. 28

f) Duly clean the holes of the **burn pot** with the equipped tool, vacuum everything and the insert it. We recommend carrying out this operation **every day**.

g) The positioning of the insulating rings on the door guarantees the tightness of the stove and its correct operation. It is necessary for to check the rings periodically. If they are damaged, they must be changed by our authorised dealer . (See fig. 30)



fig. 29

### NB.:

For a correct functioning , the stove need an ordinary maintenance at least once a year by our authorized dealer.

If the electrical cord is damaged, it must be replaced by the authorized dealer or by a special technician, in order to avoid any risk.



fig. 26

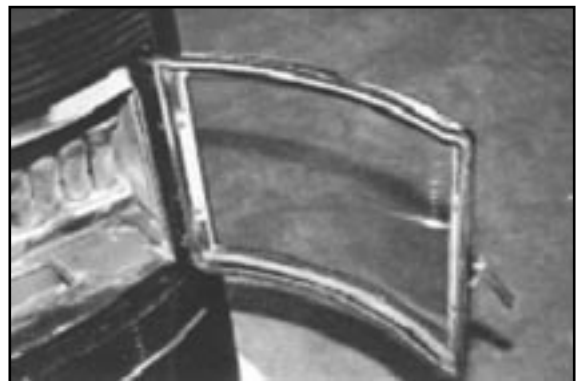


fig. 30

## 15.2 CLEANING BELLA- BELLA LUX-DIVINA CONTESSA – PREZIOSA – BABYFIAMMA

The maintenance operations guarantee a correct stove functioning in the time. Failure to respect these operations annuls all the warranties and could affect the safety of the stove.

### 1. BURN POT CLEANING

The burn pot must be cleaned every day.

To do so, use the special poker (see part.B Fig.31) to scrape off any incrustation which may have formed in the holes. Remove the deposited residues using a vacuum cleaner. Remove the burn pot from its seat and remove the ash deposits using a vacuum cleaner.

### 2. CLEANING OF ASH DRAWER

The ash drawer (A Fig.31) must be emptied according to need.

To do so, proceed as follows:

- a. press the bottom door downwards and rotate it outwards (see fig. 32).
- b. grip the handle (fig. 33).
- c. turn the handle 90° as shown in fig. 4 in order to release the pan from the fixed body of the stove.
- d. pull out the ash drawer and empty the ashes, Fig.35.
- e. Proceed in the inverse order to reassemble.

**N.B.:** When you hook the drawer back, ensure that the handle rests on the fixed body of the stove when it is in the locked position; if this operation is not carried out correctly, combustion problems may arise as the stove may not be properly sealed.

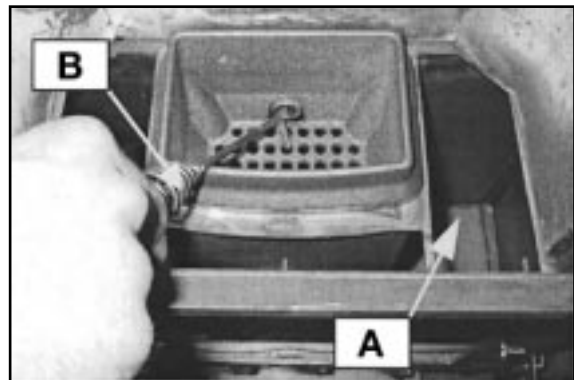


fig. 31

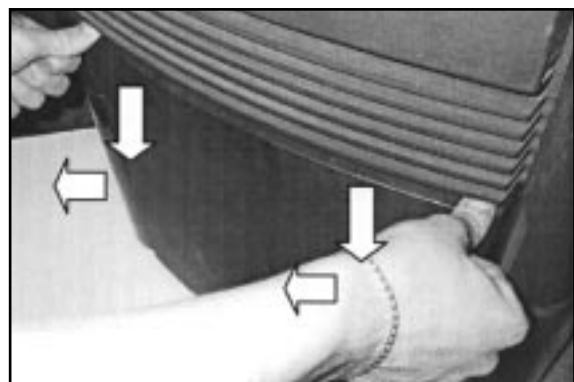


fig. 32

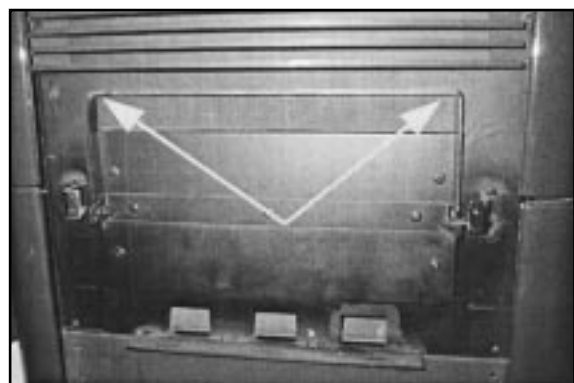


fig. 33



fig. 34

### 3. CLEANING THE HEAT EXCHANGER

Cleaning the heat exchanger allows you to maintain a constant heat yield over time. This type of maintenance must be carried out at least once a day. To do this, simply use the special scrapers located in the upper part of the stove.

- see Fig. 36 (Ecologica, I.C.Maxi, Bella, Divina, Contessa)
- see Fig. 37 (Babyfiamma, Preziosa)



fig. 35

### 4. DOOR AND ASH DRAWER INSUL. RINGS

The insulating rings ensure the tightness of the stove and therefore its correct operation. They must be periodically checked. If they are worn or damaged, it is necessary to change them immediately.

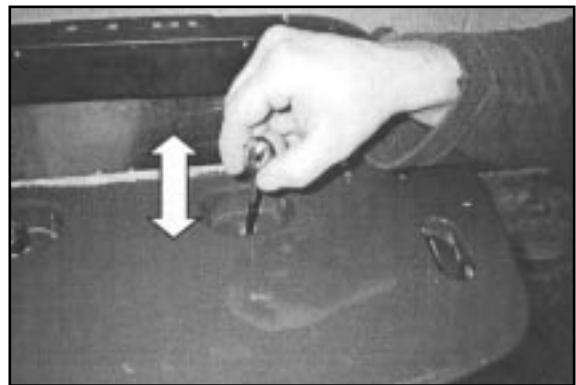


fig. 36

**This operation must be carried out by an authorized technician.**

**NB.:** For a correct functioning, the stove needs an ordinary maintenance at least once a year by Your authorized dealer.

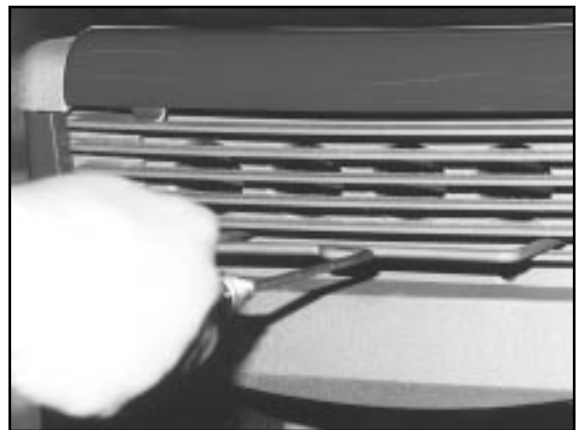


fig. 37

*If the electrical cord is damaged, it must be replaced by the authorized dealer or by a special technician, in order to avoid any risk.*

## 15.3 CLEANING I.C. MINI

### 1. BURN POT CLEANING

The burn pot must be cleaned every day. To do so, use the special poker (see part.B Fig.38) to scrape off any incrustation which may have formed in the holes. Remove the deposited residues using a vacuum cleaner. Remove the burn pot from its seat and remove the ash deposits using a vacuum cleaner.

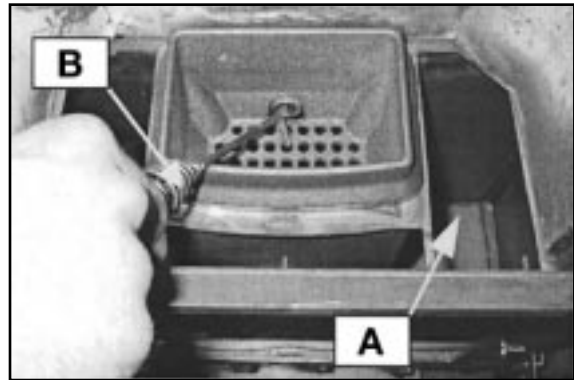


fig. 38

### 2. CLEANING THE HEAT EXCHANGER

Cleaning the heat exchanger allows you to maintain a constant heat yield over time. This type of maintenance must be carried out at least once a day. To do this, simply use the special scrapers situated in the upper frontal part of the stove. (see Fig.39)

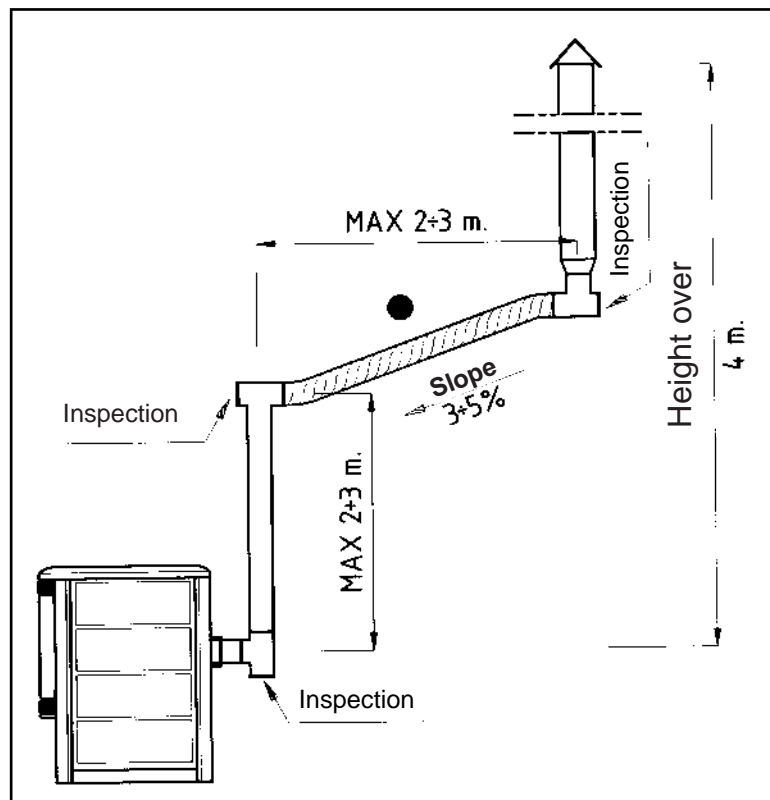


fig. 39

## 15.4 CONNECTION TO THE CHIMNEY

Once a year, or whenever needed, vacuum and duly clean the connection to the chimney. In case of horizontal sections, duly remove any ash residues (see lat. photo) before these can obstruct the smokes flow.

**Failure to the cleaning, affect the safety of the stove.**



## 16 PROBLEMS, REASONS, SOLUTIONS

**ATTENTION:** All repairs must be carried out exclusively with the stove cold and without power (plug disconnected) by authorised personnel.

PROBLEM	REASON	SOLUTION
The pellets are not fed into the combustion chamber.	<ol style="list-style-type: none"> <li>1. The pellet tank is empty</li> <li>2. The fume extractor, the warm air ventilator, the feed screw or the mother board may be defective.</li> <li>3. The feed screw is blocked (foreign body)</li> </ol>	<ol style="list-style-type: none"> <li>1. Fill the tank with pellet</li> <li>2. Contact an authorized technician the solve the problem.</li> <li>3. Clean the feed box and the feed screw.</li> </ol>
The fire goes out or the stove stops automatically.	<ol style="list-style-type: none"> <li>1. The pellet tank is empty</li> <li>2. The pellets are not fed in</li> <li>3. The overheating safety device has tripped</li> <li>4. The door is not closed hermetically or the rings are worn</li> <li>5. Poor pellet quality</li> <li>6. Poor pellet feeding</li> <li>7. Exhaust obstructed</li> </ol>	<ol style="list-style-type: none"> <li>1. Fill the feed box with pellet</li> <li>2. See previous section</li> <li>3. Let the stove cooling down for an hour. If the problem persists, call an authorized technician.</li> <li>4. Close the door or replace the rings with new ones of the same type.</li> <li>5. Use qualified pellet only.</li> <li>6. Get an authorized technician to check the pellet feeding</li> <li>7. Remove the ashes from the exhaust.</li> </ol>
The stove works for 9-10 minutes and then goes off.	<ol style="list-style-type: none"> <li>1. The exhaust gas has not reached the optimum temperature.</li> <li>2. The heat probe is blocked</li> <li>3. The heat probe may be disconnected.</li> <li>4. The chimney is obstructed</li> </ol>	<ol style="list-style-type: none"> <li>1. Repeat the lighting operation</li> <li>2. If the problem persists call an authorized technician .</li> <li>3. Control the wiring and check that the wires are properly connected.</li> <li>4. Clean the exhaust flues.</li> </ol>

PROBLEM	REASON	SOLUTION
The fire burns a weak orange flame. The pellets pile up in the burn pot and the door glass gets dirty.	1. The air for the combustion is not enough	1.a Check that all the holes in the burn pot are open and clean them if necessary. 1.b Check that the pipes of the exchanger are not clogged and clean them if necessary. 1.c Check that the air input is not obstructed. 1.d Check that the door rings are still in good condition. 1.e Clean the fume extractor casing. 1.f Get an authorized technician to check the stove.
The fume extractor fan does not work.	1. The stove is not powered. 2. There is no power in the control panel.	1. Check that the plug is plugged in and that the switch on the rear is in Pos.1 2. Check that the fuse on the rear has not blown.
The warm air ventilator does not go off when the stove is turned off and cool.	1. The temperature control is defective ( heat probe)	1. Disconnect the plug and call an authorized technician.
Dirt or ash around the stove.	1. The door of the stove was open during operation. 2. The door rings are worn or broken. 3. The connection between the fumes extractor and the chimney flue is not hermetic.	1. Always keep the door closed and open it only when it is cold. 2. Change the insul. rings with new ones which must be purchased from our dealer. 3. Close the openings with adhesive aluminium tape or with high temperature silicone (resistant up to 300°)



## **17 GUARANTEE**

**All the stoves are guaranteed 24 months.**

The warranty will be recognised on condition that the purchaser fills in the attached form completely and mails it within 8 days.

The date of purchase must be validated by the possession of a fiscally valid receipt provided by the vendor.

Components, which the manufacturer recognises, as having been defective at origin will be replaced free of charge and will be substituted by the technician who installed the appliance.

**The warranty will be valid on condition that:**

a) Technician installs the stove and that he himself completes the guarantee form (see chapter 18) of the instruction manual.

b) The stove is used as instructed in the instruction manual.

The warranty is not valid for damage caused by: atmospheric, chemical or electrochemical agents, fire, negligence or inexperience, failure to observe the laws in force, defects in the electrical system, lack of maintenance, tampering with the product, or ineffective flues/chimneys.

The warranty will cease in the event of overheating, that is the combustion of non-conforming materials (see manual).

### **EXCLUSION FROM THE GUARANTEE :**

All the parts subject to wear **are excluded from the warranty**. This category includes: the gaskets, the grate, the coating of the stove, the ceramic glass, and the painted or gilded parts and those in ceramics.

**Chromatic variations and slight dimensional differences in the ceramic parts shall not constitute reasons for complaints, as they are natural characteristics of the materials themselves.**

All of any costs (repair, transport, etc.) claimed against the manufacturer or dealer for improper

exercise of the warranty rights, by the purchaser, will be charged to the user.

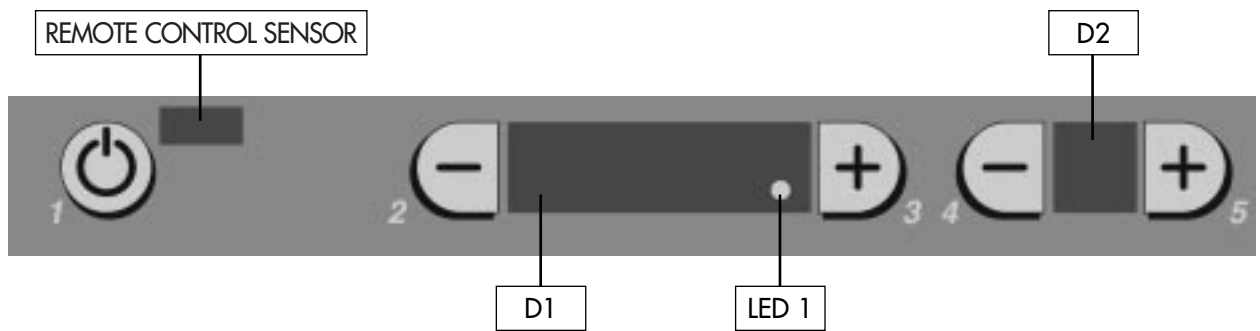
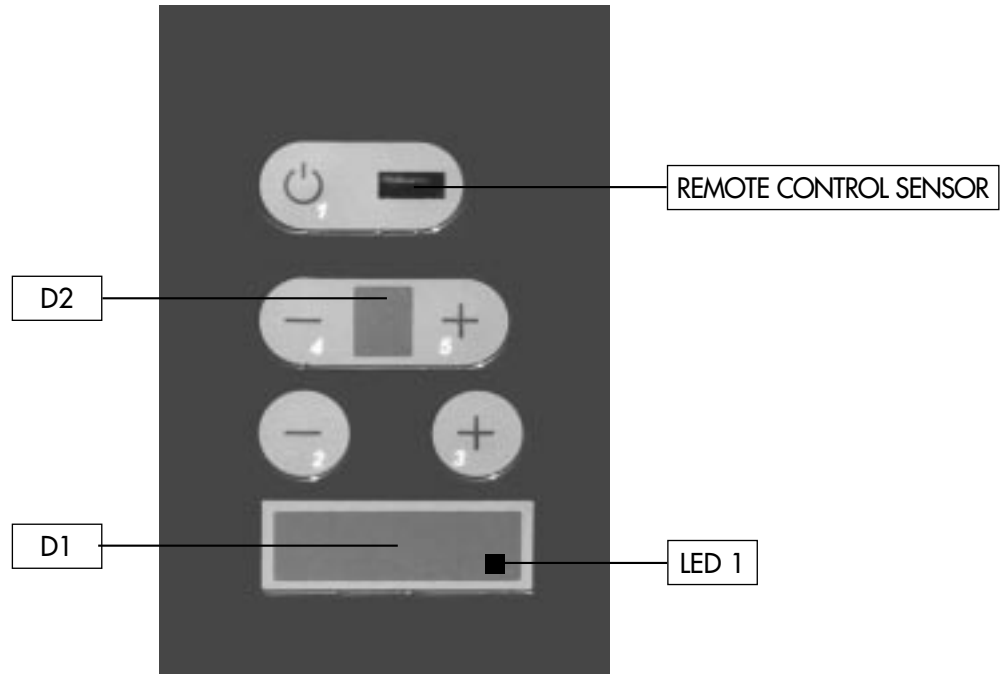
**Damage caused by transport will not be recognised; you are therefore advised to carefully inspect the goods on receipt, and immediately inform the dealer of any damage.**

**The manufacturer will not be liable for direct or indirect damage caused by or depending on the product.**



**19 APPENDIX**

**CONTROL PANEL**  
Previous versions



# **Extraflame**

A stylized flame logo consisting of three curved, flame-like shapes in shades of gray, positioned behind the letter 'f' in the word 'Extraflame'.

## **PELLETS STOVES**

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