

PELLET STOVE

# LILLE 5 LILLE 8



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*The original language of this edition is Italian*

The undersigned company, EDILKAMIN S.p.A., with registered office in Via Vincenzo Monti 47 - 20123 Milan (Italy) - Italian Tax ID VAT NO. 00192220192

Hereby declares, under its sole responsibility, that:  
The pellet stoves mentioned below comply with EU Regulation 305/2011 and the harmonised EU standard EN 14785:2006

PELLET STOVES, bearing the  
EDILKAMIN brand, called  
LILLE 5  
LILLE 8

SERIAL NO.: Rating plate reference  
Lille 5 : Performance declaration: (DoP - EK no. 156)  
Lille 8 : Performance declaration: (DoP - EK no. 157)

Moreover, the company hereby declares that:  
the LILLE 5 and LILLE 8 wood pellet stoves satisfy the requirements of the following European directives:  
2014/35/EC - Low Voltage Directive  
2014/30/EC - Electromagnetic Compatibility Directive

Dear Sir/Madam

We thank you for and congratulate you on choosing our product. Before using it, we would ask you to read this manual carefully, so that you can make the most of all its functions in total safety.

This manual is an integral part of the product. We ask you to keep it for the entire lifetime of the product. If you lose it, you can request a copy from your dealer or download it from [www.edilkamin.com](http://www.edilkamin.com).

## Readers of the manual

This manual is addressed to:

- those who use the product at home ("USER");
- the technician who will install the product ("INSTALLER")

The target person of each page is indicated in a band at the bottom of the page (USER or INSTALLER).

## General information

After unpacking the product, check the condition and completeness of the contents.

In the event of error, immediately contact the retailer where the purchase was made, providing him with a copy of the warranty booklet and sales receipt.

The appliance must be installed and operated in compliance with local and national law and European regulations. For the installation, and for anything not specifically indicated in the manual, observe local regulations.

The diagrams provided in this manual are for illustration purposes only: they do not always strictly refer to your specific model, and are not binding in any way.

## Product identification and warranty.

The product is uniquely identified by a number, the "counterfoil", which is indicated on the warranty certificate.

Please keep:

- the warranty certificate accompanying the product
- the purchase receipt given to you by the retailer
- the declaration of conformity given to you by the installer.

The warranty conditions are given in the warranty certificate accompanying the product.

**First ignition** is required, in Italy, by an authorised technician in accordance with UNI 10683, and is recommended in all countries to ensure best results from the product.

This consists of:

- checking the installation documents (declaration of conformity) and the quality of the installation itself
- calibrating the product to suit its actual application
- providing explanations to the end user and issuing the complementary documentation (first ignition - commissioning certificate)

Having the appliance commissioned properly ensures that it will operate to best effect and in complete safety.

First ignition is required for activation of the Edilkamin manufacturer warranty. The warranty is only valid in the country where the product was bought.

If the appliance is not commissioned by an authorised technician, Edilkamin will not provide warranty service. See the warranty booklet for details. The above terms do not affect the dealer's legal responsibility for the legal warranty.

The warranty, however, covers only demonstrable manufacturing defects and not, for instance, problems resulting from improper installation or calibration.

### MEANING OF SYMBOLS

In some parts of the manual the following symbols are used:



#### PLEASE NOTE:

carefully read and understand the message in question, since failure to follow the instructions in it could cause serious damage to the product and put the safety of those using it at risk.



#### INFORMATION:

failure to comply with these requirements will compromise product use.



#### OPERATING SEQUENCE:

follow the instructions for the operations described.

- The product is not designed for use by people, including children, with limited physical, sensory and mental abilities.
- The appliance is not designed for cooking purposes.
- The appliance is designed to burn UNI EN ISO 17225-2 category A1 wood pellets, in the amounts and manner described in this manual.
- The appliance is designed for indoor use and in areas with normal humidity conditions.
- Keep the product in a dry place out of the weather.
- For the legal and company warranties, refer to the warranty certificate inside the product: specifically, neither Edilkamin nor the retailer are liable for damage resulting from incorrect installation or maintenance.

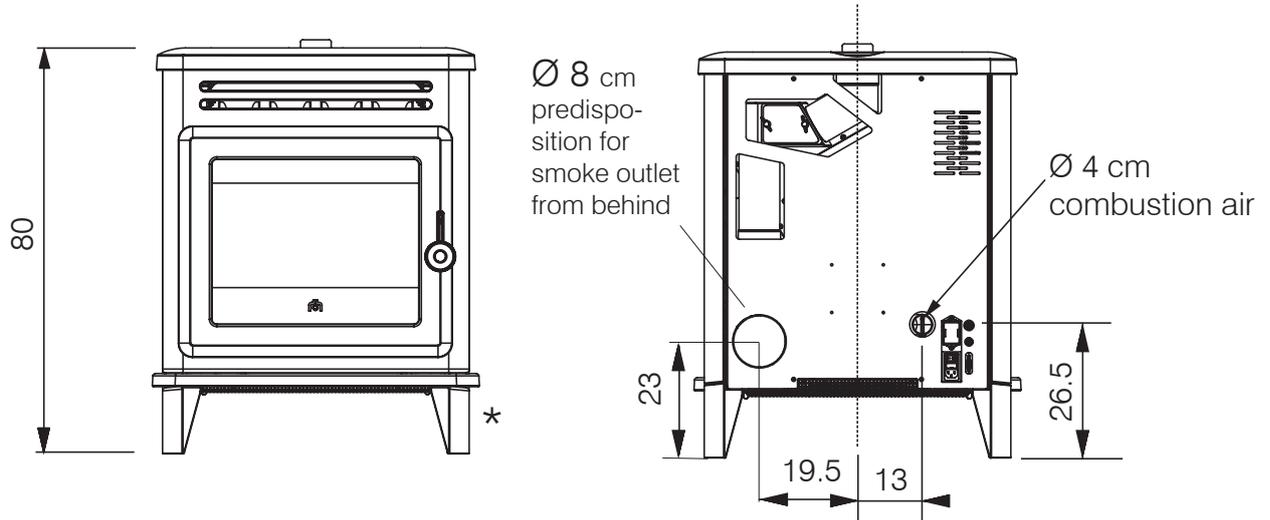
Safety risks may be caused by:

- Installation in non-suitable settings, in particular those that are subject to fire risks. **DO NOT INSTALL THE PRODUCT IN AREAS SUBJECT TO THE RISK OF FIRE.**
- Contact with fire and hot parts (e.g. glass panel and pipes). **DO NOT TOUCH HOT PARTS** and, when the stove is switched off and still hot, always wear the glove supplied.
- Contact with live electrical equipment (internal). **DO NOT ACCESS THE INTERNAL ELECTRICAL EQUIPMENT WHILE THE APPLIANCE IS POWERED ON.** Electrocutation hazard.
- Use of improper ignition aids (e.g. alcohol). **DO NOT IGNITE OR BOOST THE FLAME WITH FLUID SPRAYS OR A FLAME TORCH.** Serious risk of burns, damage and injury.
- Use of fuel other than wood pellets. **DO NOT BURN WASTE MATTER, PLASTIC OR MATERIALS OTHER THAN WOOD PELLETS IN THE COMBUSTION CHAMBER.** The product may become soiled, the flue may catch fire, and environmental damage may ensue.
- Cleaning the combustion chamber when hot. **DO NOT CLEAN WITH A VACUUM CLEANER WHEN HOT.** You could damage the vacuum-cleaner and risk the emission of smoke in the room.
- Cleaning the smoke duct with cleaning products. **DO NOT CLEAN THE PRODUCT WITH FLAMMABLE PRODUCTS.** Risk of fire or blowback.

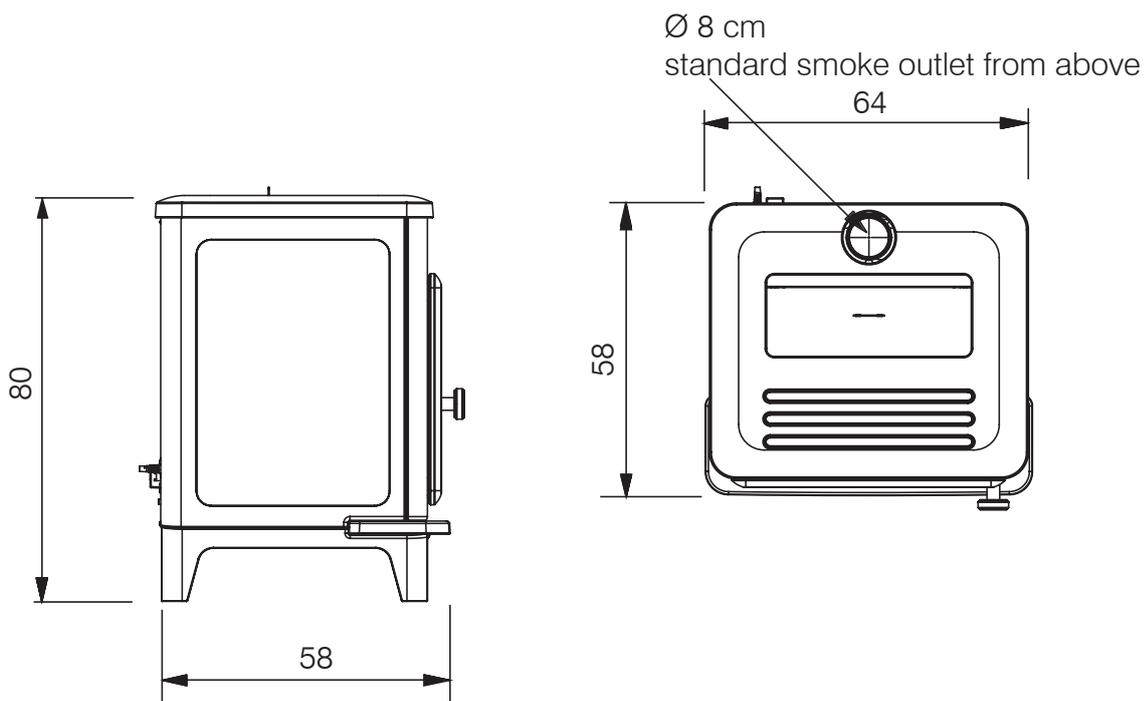
- Cleaning the glass pane while hot or with unsuitable cleaning products. **DO NOT CLEAN HOT GLASS WITH WATER. ONLY USE RECOMMENDED GLASS CLEANING PRODUCTS.** Risk of cracking and permanent, irreparable damage to the glass.
- The storage of flammable materials at a distance which is less than the safe distances listed in this manual. **DO NOT PLACE LAUNDRY ON THE APPLIANCE. DO NOT PLACE DRYING RACKS WITHIN THE SAFETY CLEARANCE.** Keep flammable fluids away from the appliance. Fire hazard.
- Blocking the aeration vents and air intakes in the room. **DO NOT BLOCK THE AERATION VENTS OR FLUE.** Risk of smoke returning into the room with consequent damage and injury.
- Use of the product as a support or ladder. **DO NOT CLIMB ONTO THE PRODUCT OR USE IT AS A SUPPORT.** Risk of damage and injury.
- Use of the stove with the combustion chamber open. **DO NOT USE THE PRODUCT WITH ITS DOOR OPEN.**
- Incandescent material may come out from the open door. **DO NOT** throw incandescent material outside the appliance. Fire hazard.
- Use of water in case of fire. **CALL THE AUTHORITIES** if a fire breaks out.
- If you have doubts, please do not take any action, but contact the retailer or the installer.

For reasons of safety, read the user instructions included in this manual.

DIMENSIONS (cm)



\* removable feet: stove height without feet 70 cm



**TECHNICAL CHARACTERISTICS in accordance with EN 14785**

	<b>LILLE 5</b>	<b>LILLE 8</b>	<b>LILLE 5/LILLE 8</b>	
	Nominal power		Reduced power	
Available power	5	8,1	2,5	kW
Efficiency	92,8	90,3	91,5	%
CO emissions at 13% O <sub>2</sub>	0,006	0,011	0,026	%
Smoke temperature	110	158	85	°C
Fuel consumption	1,1	1,8	0,5	kg/h
Tank capacity	20			kg
Draw	12	12	10	Pa
Autonomy	18	11	40	hours
Heatable volume *	130	210		m <sup>3</sup>
Smoke duct diameter (male behind, female above)	80			mm
Air intake diameter (male)	40			mm
Weight including packaging	180			kg

\*A calorific value of 4.8 kW/Kg has been used to calculate consumption

\* The heatable volume is calculated based on the assumption of a heating demand of 33 Kcal/m<sup>3</sup> hour.

**TECHNICAL DATA FOR SIZING THE FLUE**

which must in any case satisfy the requirements of this sheet and the installation instructions for the product

	Nominal power		
	<b>LILLE 5</b>	<b>LILLE 8</b>	
Smoke temperature at outlet	137	185	°C
Minimum draw	0,01		Pa
Smoke flow rate	4,8	5,8	Rps

**ELECTRICAL SPECIFICATIONS**

Power supply	230 V AC +/- 10% 50 Hz
Mean absorbed power	50 - 80 W
Power absorption during ignition	300 W
Remote control frequency (provided)	2.4 GHz
Protection rating	Fuse 4 AT 250 V AC 5x20

The above data are for guidance only and were measured during certification by a notified body.

EDILKAMIN s.p.a. reserves the right to modify the product without notification in the interests of improvement.

**PREPARATION AND UNPACKING**

The packaging materials are neither toxic nor noxious and do not require special disposal.

The user is responsible for storing, disposing of and recycling them in a regulatory fashion.



Always move the stove vertically with suitable equipment and in observance of safety regulations.

Do not turn the package over, and handle all parts requiring installation with care.

**HOW TO REDUCE THE WEIGHT OF THE PRODUCT FOR HANDLING**

To reduce the weight of the product for handling you can remove:

top and sides

Operations are described from points 1 to 5 of the paragraph "Removing the feet".

Important: make sure you reposition correctly.

We recommend that the operation is carried out by qualified personnel.



Do not drag the appliance with the rubber adjustable feet lowered: they could break

**PACKAGING**

The delivery consists of two packages:

- one (1) containing the structure of the stove with its side panels installed, and a bag of small parts.

In the stove package, there is:

- remote control,
- warranty certificate,
- glove,
- this manual,
- power cable.

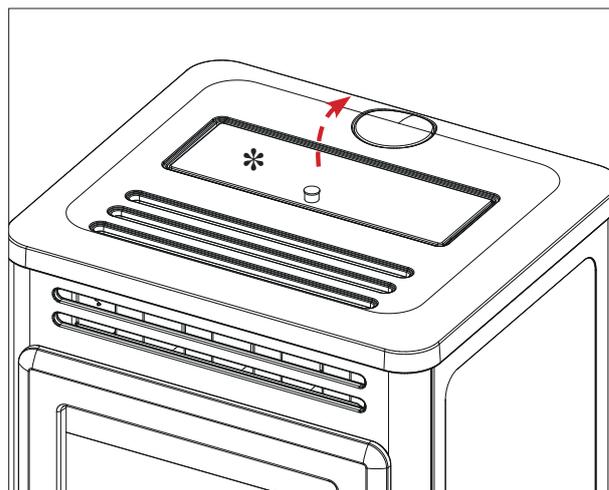
**HOW TO REMOVE STOVE FROM THE PALLET**

Remove the stove from the pallet by removing the brackets screwed on the rear

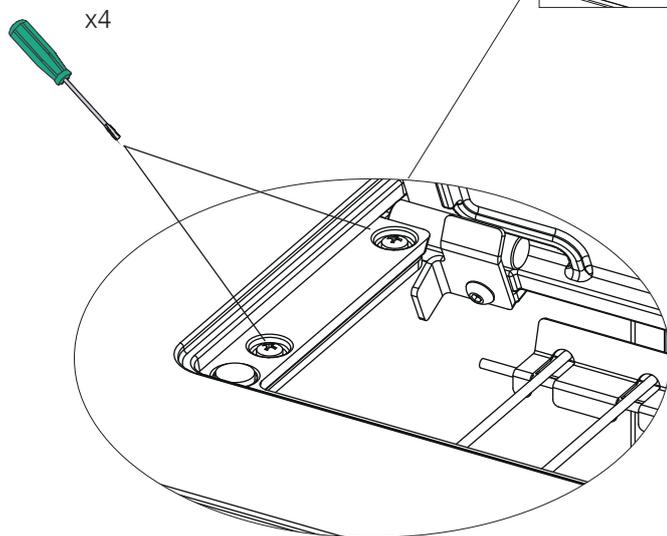
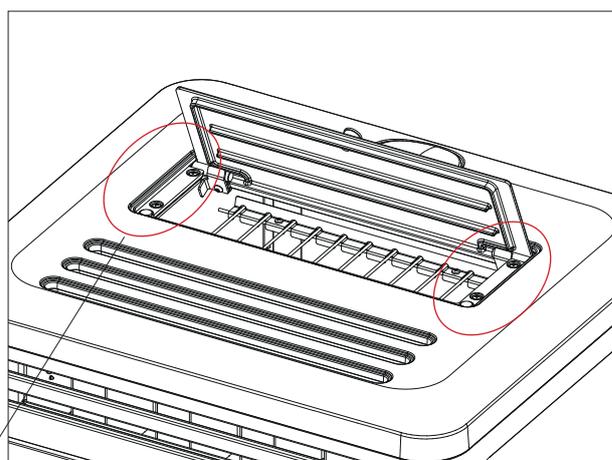
At the base of the product there are four removable feet which can be removed to lower the product. The feet on each side consist of a single element which will be called "two feet assembly" (A) from now on

Proceed as follows to remove them. Each operation is shown in the figure alongside.

1. Open the pellet tank (\*) by lifting the lid with the handle on top.



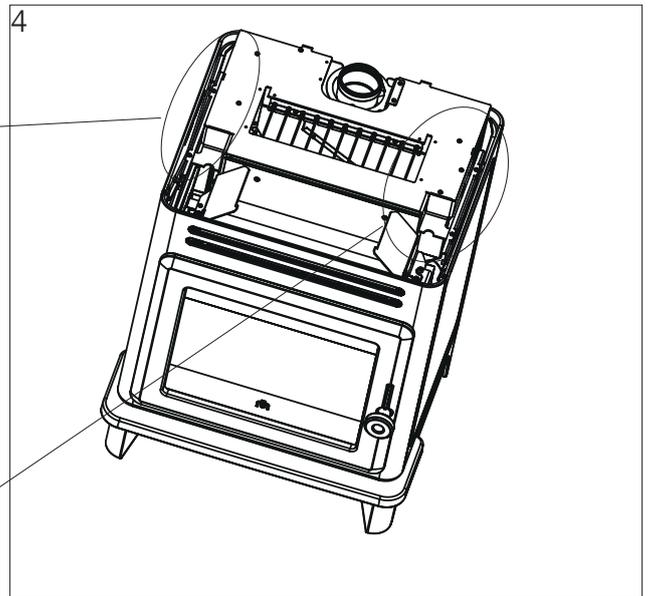
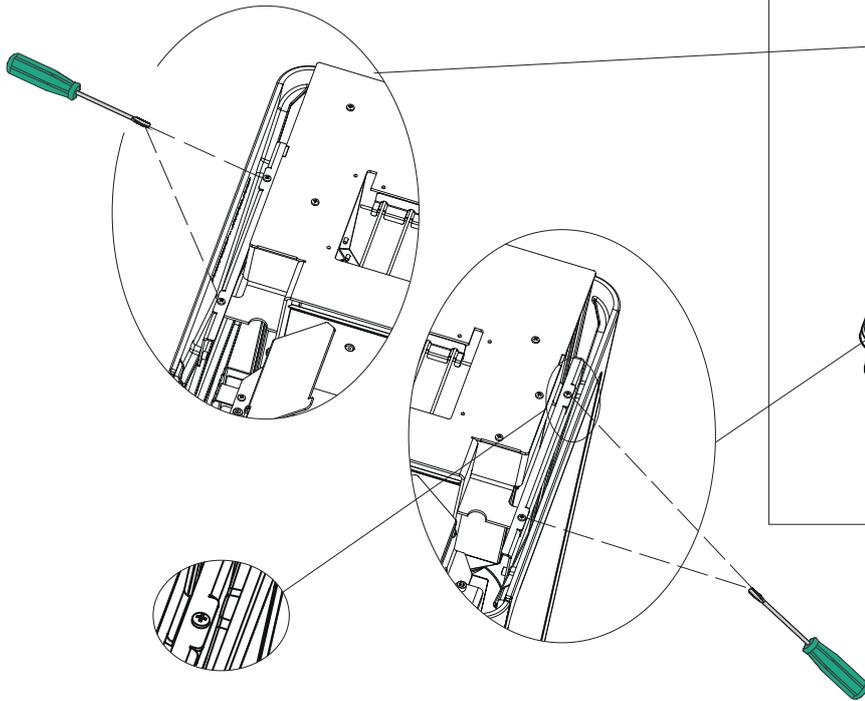
2. Undo the screws of the pellet loading lid to remove the top



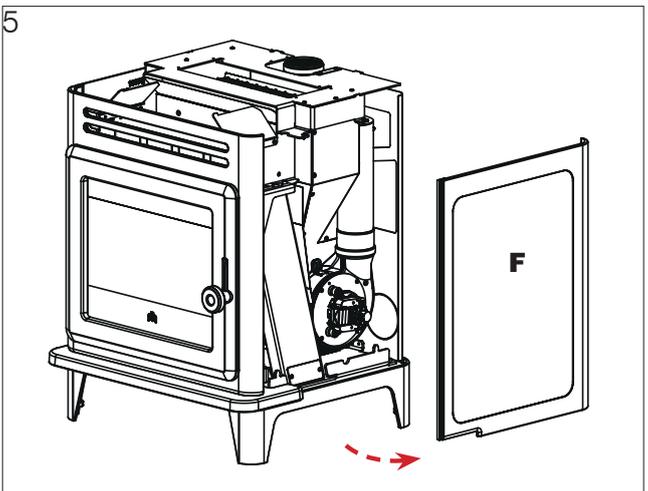
3. Remove the top and the pellet loading lid



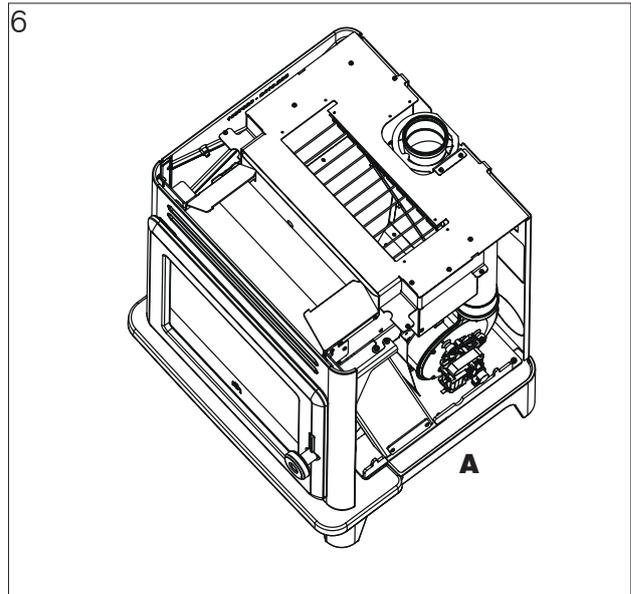
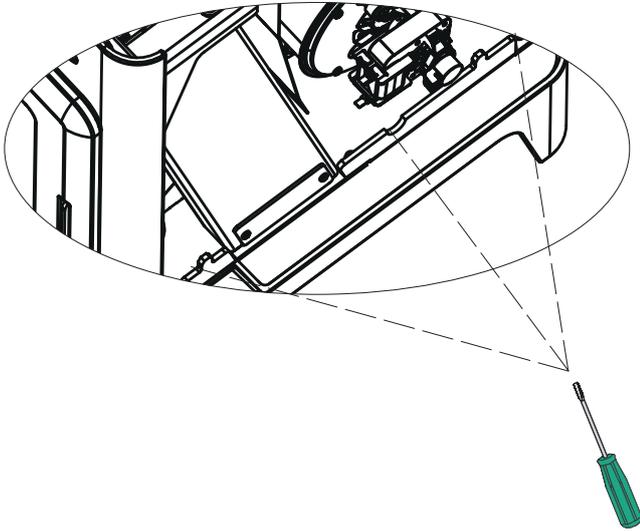
4. Undo the two screws on each side on the brackets underneath the top



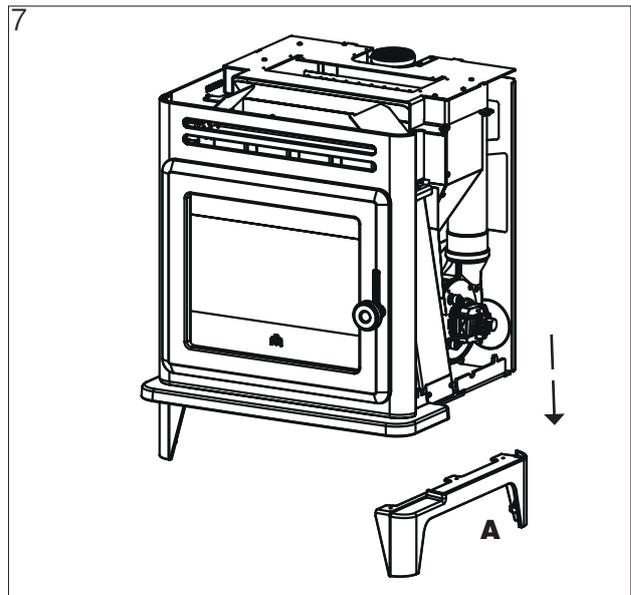
5. Slide the sides off (F)



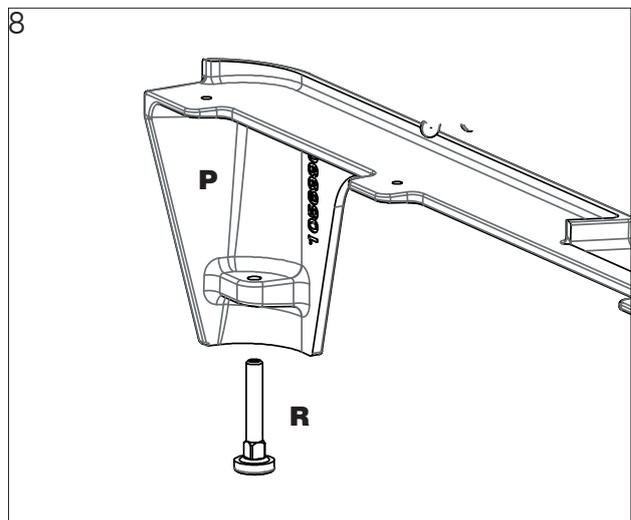
6. Undo three screws per side of the foot assembly



7. Remove the foot assembly from each side (A)



8. Remove the adjustable feet (R) from the cast iron feet (P) to use them underneath the stove for levelling



9. Refit sides and top.  
When refitting the sides, take care to snap them back in their correct position

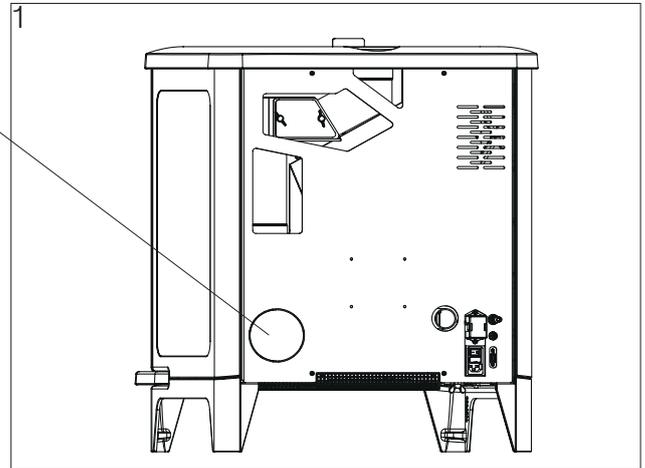
**SMOKE OUTLET**

The stove can have its smoke outlet pipe connected to the top or the rear.

The stove is delivered with the smoke outlet pipe on the top.

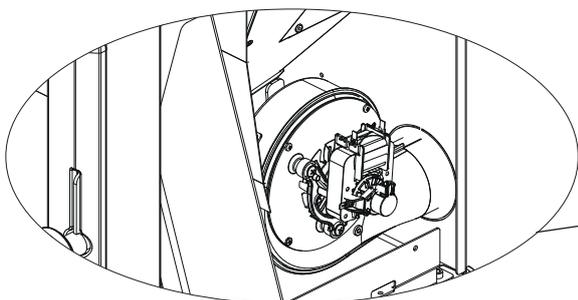
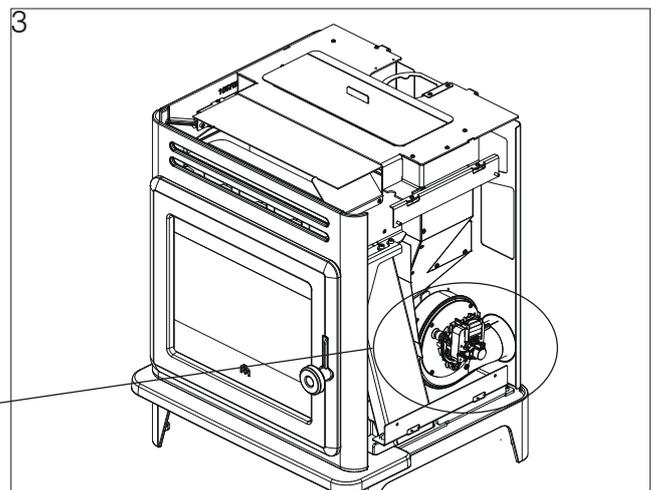
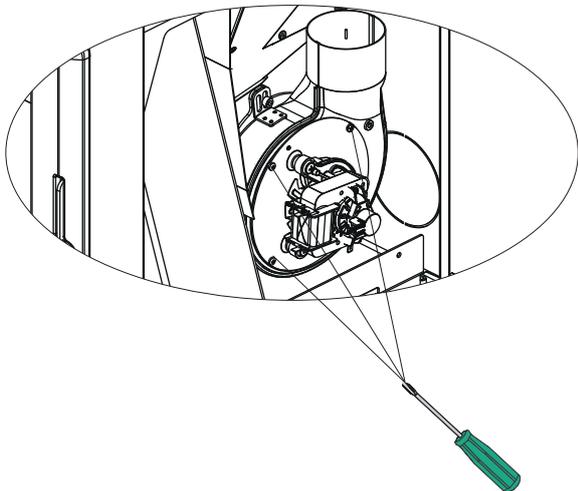
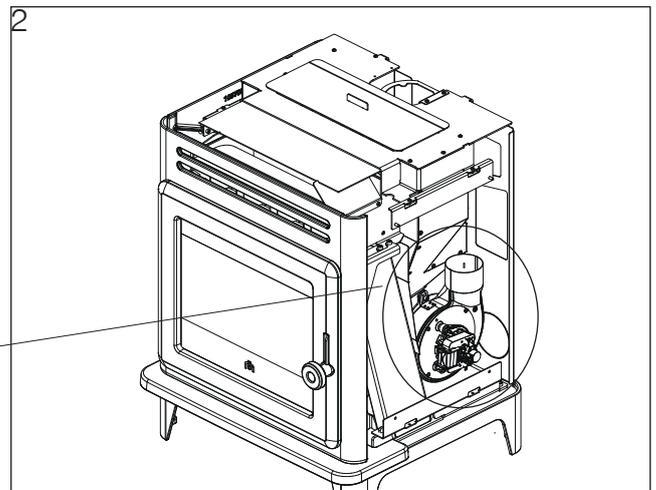
To operate on the rear smoke outlet (**only with the electrical power disconnected**) proceed as follows.

1. remove the pre-cut diaphragm on the rear



2. remove the right side looking at the stove frontally (see points from 1 to 5 of the paragraph "Removing the feet")

3. Disconnect the cables of the smoke extractor from the logic board, unscrew the smoke extractor and direct it towards the rear of the unit (check that the gasket is intact). Screw it back and reconnect the cables to the logic board.



4. refit the sides.

Use the metal cover provided with the product to close off the smoke outlet on the top.

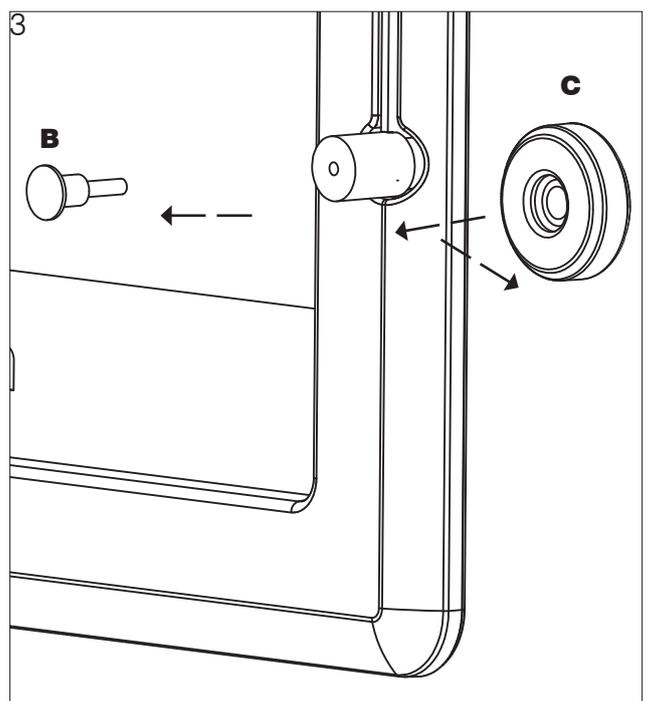
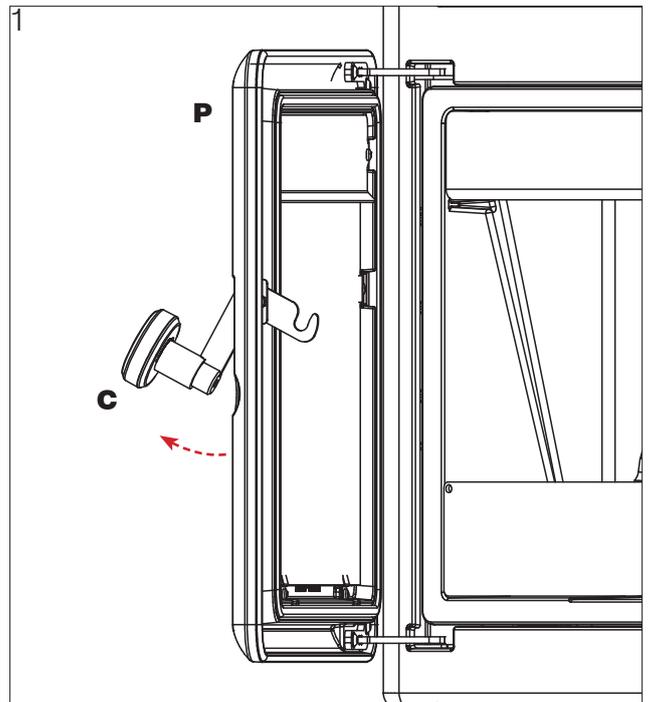
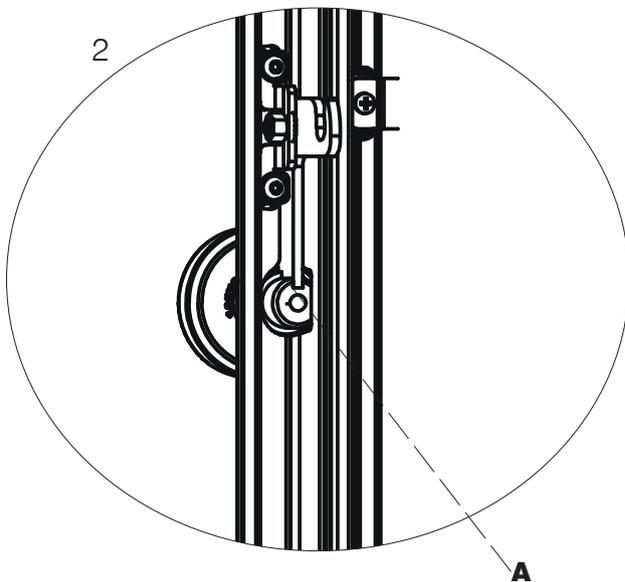
**NOTE**

The top smoke outlet is female, the rear smoke outlet is male.

The product has a knob (C Figure 1) on the handle of the combustion chamber door, with black as the standard colour. Operations are represented in the even number figures on this page.

To replace it, if needed, proceed as follows.

1. Open the combustion chamber door (P)
2. Undo the Allen screw on the rear of the handle (2)
3. Remove the front pin (3) and the knob (4)
4. Repeat the operations 3, 2 and 1 in the opposite way to mount the new knob.



**REMARKS ON INSTALLATION**

Note that:

- installation must be carried out by authorised technical personnel;
- The appliance must be installed and operated in compliance with local and national law and European regulations. The applicable Italian regulation is UNI 10683;
- If installed in a condominium, the appliance must be approved by the administrator.

We give some general instructions below, however these do not obviate the need to comply with local regulations and do not affect the installer's liability for the installation.

**Checking the suitability of the installation space**

- The room must have a volume of at least 20 m<sup>3</sup>.
- The floor must be able to bear the weight of the product and its accessories.
- Level the appliance.
- The appliance may not be installed in a bedroom, bathroom or in the same room as other equipment which draws air for combustion from the room itself, or in any area with an explosive atmosphere. Any extraction fans operating in the same room or area as the product, may affect its draw.
- In Italy, check the compatibility pursuant to UNI 10683 and UNI 7129 in the presence of gas fired products.

**Protection from heat and safety clearances**

The surfaces of the building adjacent to the product must be protected against overheating.

The insulation to be used will depend on the type of surface in question.

The appliance must be installed in accordance with the following safety instructions:

- minimum clearance at the sides and rear of 15 cm from flammable materials.

- no flammable materials may be kept closer to the front of the appliance than 80 cm.

If connected to a wooden or otherwise flammable wall, the flue must be insulated appropriately.

If installed on a flammable or combustible floor, or one incapable of bearing its load, use steel or glass plates under the stove to distribute the load.

Contact the retailer for such optional equipment

**Positioning the product**

The product is designed to operate in all climatic conditions. In special circumstances, such as strong wind, its safety equipment may switch the appliance off.

Contact the authorised Edilkamin Technical Assistance Centre.

**FLUE SYSTEM**

**(Smoke duct, flue and chimney pot)**

This chapter has been drawn up pursuant to European regulations EN 13384, EN 1443, EN 1856 and EN 1457. The installer must observe both these and any other local regulations. This manual does not in any way substitute such regulations.

The product must be connected to a flue system which ensures that the smoke produced by combustion are discharged in complete safety.

Before positioning the appliance, the installer must check that the flue is suitable.

**SMOKE DUCT, FLUE**

The smoke duct (which connects the combustion chamber's smoke outlet with the flue) and the flue itself must, among other regulatory requirements:

- receive the smoke from a single product (the outlets of multiple appliances cannot be conveyed into a single flue)
- be routed vertically for the most part
- have no downwards sloping sections
- preferably have a circular internal cross section, or with a ratio of the sides of less than 1.5
- terminate at roof level with a proper chimney pot: the flue may not discharge directly on the wall or into an enclosed space, even if the space in question is open to the sky
- be made of material rated in fire reaction class A1 as per UNI EN 13501 or analogous national regulations

- be certified, with a chimney plate if metal
- be of uniform cross section or vary in cross section only immediately after the outlet, not at some mid point of its length.

**THE SMOKE DUCT**

Further to the general requirements for the smoke duct and flue, the smoke duct:

- may not be made of flexible metal material
- must be insulated, if routed through unheated areas or outdoors
- must not be routed through rooms where the installation of combustion heat generators is prohibited, there is risk of fire, or which cannot be inspected
- must enable the recovery of soot and be open for inspection
- have at most 3 bends with a maximum angle of 90°
- must have a single horizontal section with a length of no more than 3 metres, depending on the draw. Note, in any case, that long sections promote the accumulation of dirt and are harder to keep clean.

**THE FLUE:**

Further to the general prescriptions for the smoke duct and flue, the flue:

- must serve solely to discharge smoke
- must be correctly sized to satisfy the requirements of smoke discharge (EN 13384-1)
- should preferably be insulated, in steel with a circular internal section. If rectangular, the corners must have a radius of not less than 20 mm, with a ratio of the internal dimensions of <1.5
- must normally be at least 1.5 metres in vertical length
- must have a constant cross section
- must be waterproof and thermally insulated to ensure a good draw
- must preferably have a collection chamber for non-combusted matter and any condensation.
- if pre-existing, must be clean, to prevent fire hazards
- in general, we recommend fitting a tube inside the existing masonry chimney if its diameter is greater than 150 mm.

**INTUBATED SYSTEM:**

Further to the general prescriptions for the smoke duct and flue, the intubated system:

- must operate in negative pressure
- must be open to inspection
- must observe local regulations.

**THE CHIMNEY POT**

- must be windproof
- must have an internal cross section equivalent to that of the flue and a smoke outlet at least double that of the interior of the flue
- for dual flues (which should be spaced at least 2 m apart) the chimney pot receiving the smoke from the solid fuel appliance or that from the higher storey, must be at least 50 cm higher than the other
- it must extend beyond the back flow zone (in Italy, refer to UNI 10683 point 6.5.8.)
- it must allow for maintenance of the chimney

**EXTERNAL AIR INTAKE**

In general, we suggest two ways to ensure a proper flow of combustion air.

**Indirect air intake**

Install an air outlet at floor level with an effective surface area (net of the screen or other protections) of at least 80 cm<sup>2</sup> (10 cm in diameter).

To prevent draughts, we recommend installing the air intake behind the stove or behind a radiator.

Installing it in front of the appliance will create unpleasant draughts.

**Direct air intake\***

Install an air intake with effective area (net of the mesh or other protective equipment) at least equal to that of the air intake at the rear of the product.

Connect the air intake to the appliance's air intake with a tube (which may also be flexible). Increase the diameter of the pipe if it is not smooth: assess its load loss.

A maximum length of 1 metres is recommended, without bends .

The air may be drawn from an adjacent room only if:

- the flow is taken from permanent and unobstructed openings communicating with the outdoors;
- the adjacent room is never in underpressure relative to the outdoors;
- the adjacent room is not a garage, subject to fire hazard, a bathroom or bedroom;
- the adjacent room is not a shared room in the condominium.

In Italy, UNI 10683 provides that ventilation is sufficient even if a pressure difference between the outdoors and indoors of no more than 4 PA is guaranteed (UNI EN 13384-1). The installer who issues the declaration of conformity is responsible for ensuring these conditions.

\*The direct connection of the air intake does not make the product airtight. It is therefore necessary to ensure an air recovery taken in the room by the product (i.e. for the glass cleaning)

**CHECKING THE ELECTRICAL CONNECTIONS  
(the power socket must be located in an  
easy to access position)**

The stove is equipped with an electrical power cord or connection to a 230V 50 Hz socket, preferably with electromagnetic switch.

Variations in voltage of more than 10% can compromise the operation of the stove.

The electrical system must be compliant; check the operation of the earth in particular.

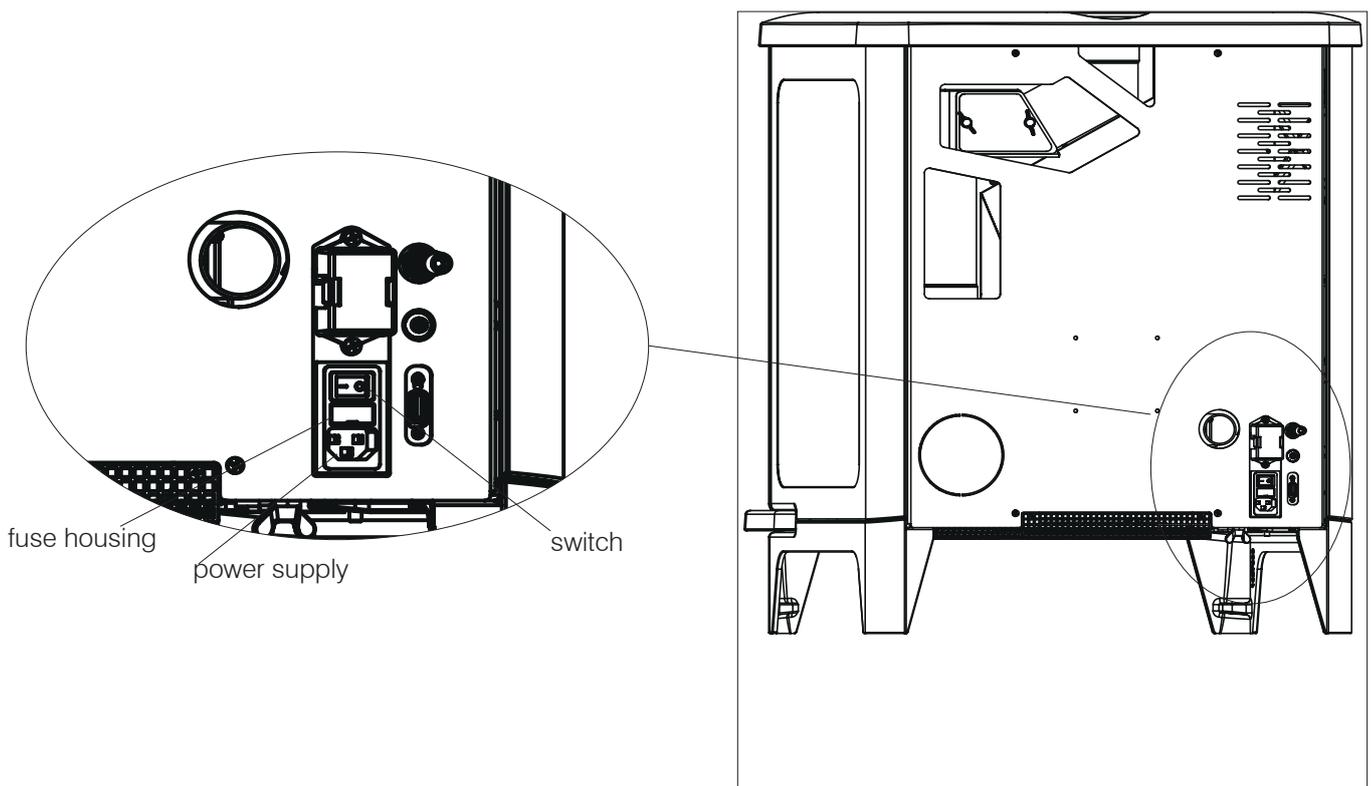
Edilkamin is not responsible for malfunctions resulting from an improperly earthed system.

The power line must be of adequate section for the power of the appliance.

The power cable must not come into contact with the flue or other hot parts of the stove.

Power up the stove by setting its switch from 0 to 1.

There is one 4 A fuse on the socket with switch located at the rear of the stove.



**FIRST IGNITION (COMMISSIONING) PHASES**

- Make sure you have read and understood this manual
- Remove all flammable materials from the appliance (manuals, labels, etc.). In particular remove any labels from the glass
- Make sure that the technician performs the first ignition and the first loading of the pellet tank (see "pellet loading")



On first ignition, there may be a slight smell of paint, which will disappear in a short time.

**FUEL**

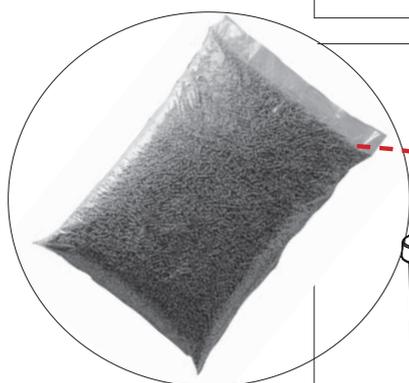
Use UNI EN ISO 17225-2 category A1 wood pellets or similar regulatory products with the following characteristics.  
 diameter 6 mm  
 length 3-4 cm  
 humidity <10 %

For reasons of safety and environmental compatibility, DO NOT burn plastic, painted wood, coal, bark or other such materials in the stove.

Do not use the stove as an incinerator



Caution  
 Using fuels other than those specified can damage the appliance



**LOADING THE PELLETS INTO THE TANK.**

To open the tank, lift the lid by using the handle\* (use glove if hot)

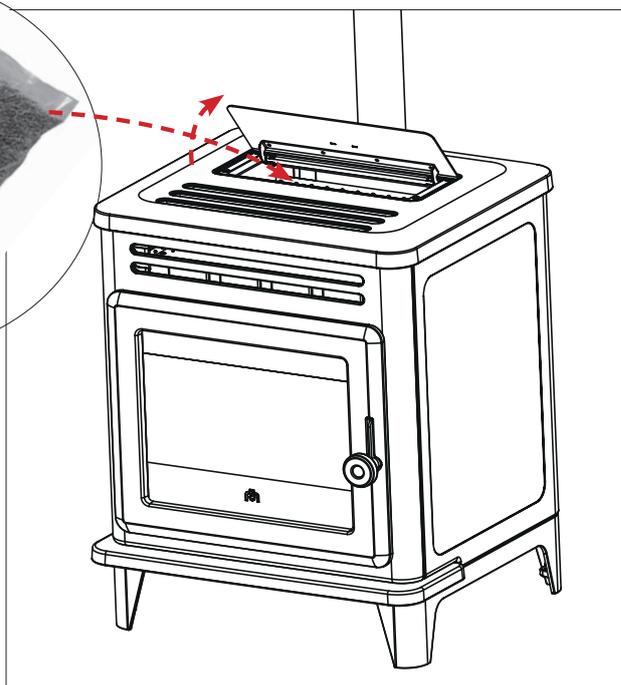
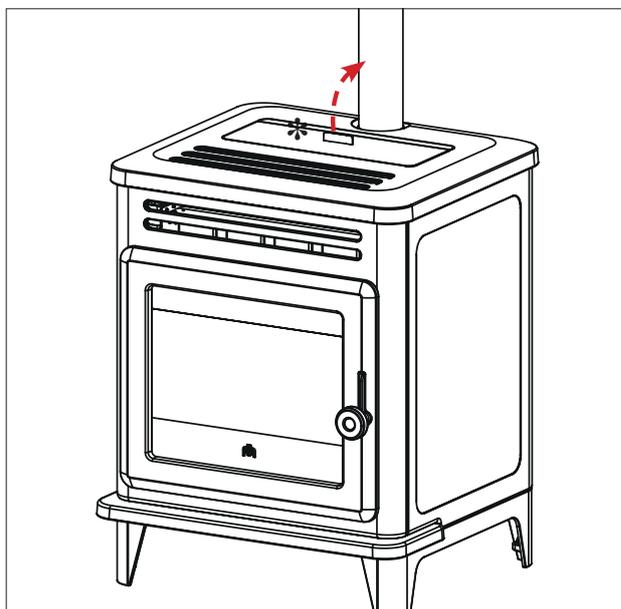
Make sure not to touch the smoke discharge pipe if hot.



When the stove is hot, DO NOT MAKE CONTACT between the pellet bag and the top grille.

Use the provided glove when loading the stove while it is operating and hence hot to the touch.

Make sure not to touch the smoke discharge pipe if hot.



**OPERATION**

**Description.** The access to and adjustment of these functions is described below:

Mode	Size settings
MANUAL	<ul style="list-style-type: none"> <li>power level</li> <li>ventilation level</li> </ul>
AUTOMATIC	<ul style="list-style-type: none"> <li>desired room temperature</li> <li>ventilation level</li> </ul>
CRONO	<ul style="list-style-type: none"> <li>desired room temperature, selected per day of the week</li> <li>ventilation level</li> </ul>

\* when lowering the ventilation the stove also automatically modulates its power to maintain maximum efficiency.

The stove also has the following supplementary functions.

Function	In which mode it can be activated	What it does
STAND BY	automatic crono	when the desired temperature is reached, the stove shuts off and turns on again when the temperature drops
RELAX	manual auto-automatic crono	enables natural convection mode (fan off), thus reducing the power
NIGHT	manual auto-automatic	allows you to set the stove to go out after a given number of hours

**OPTIONAL CONNECTIONS**

The technician can supply, on request: external thermostat, telephone dialler for connection to the logic board

**PHASES**

Further to the above operational procedures, the stove has the following phases

**- Ignition** (display reads ON ) Flame ignites and grows stable

This is the result of:

- manual ignition with ignition button
- request from Crono
- power request during stand by
- request from external contact

Ignition has a variable duration, with the aim of reaching the start temperature

**- Switch-off** (display reads OFF )

The flame is extinguished and the stove cools down.

This is the result of:

- manual switch-off with switch-off button
- power demand ceases with Stand by function active
- request from Crono
- request from external contact

Switch-off has a variable duration, with the aim of reaching the stop temperature

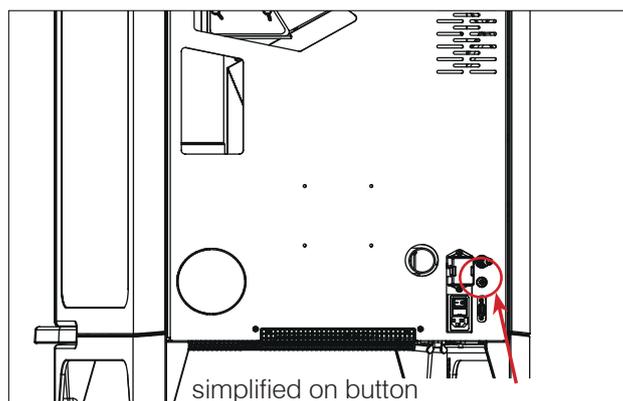
**- Shutdown**

Switches the stove off in response to an alarm

**INTERFACE**

The user interface is the remote control but, if this is not available, you can control the stove with the button on its rear (see figure)

1. WITH THE STOVE OFF  
press the button for 2" to turn the stove on.
2. WITH THE STOVE ON  
press the button for 2" to turn the stove off.
3. WITH THE STOVE ON IN MANUAL MODE  
by pressing one time and immediately releasing the button, you can increase the operating power.



**REMOTE CONTROL**

Characteristics:

RF transceiver module, frequency 2.4 GHz - Powered by two AAA 1.5 V batteries rated at least 1200 mAh. Risk of explosion if the batteries are replaced with other batteries of an incorrect type.

**ON/OFF button**

manual on/off button and for switching the remote control from energy saving mode to active heating

**4 buttons:**

**+**: increment button (increases the stove's power, temperature or fan speed, etc., or scrolls through the menu)

**-**: decrement button (decreases the stove's power, temperature or fan speed, etc., or scrolls through the menu)

**M**: menu key / relax mode key

**OK**: confirm key, switches to the next setting and between automatic and manual modes

NOTES

- The remote control does not store the programs, which are stored on the logic board; there is thus no need to reprogram it when it is shut off or replaced by a new one.
- The remote control exchanges information with the logic board (including room temperature sensing for automatic mode operation) every 2' and when it is activated by pressing the ON/OFF button.
- In normal use, the batteries of the remote control should last a year. This is an approximate value, since it depends on the type of batteries and the intensity of use. Edilkamin and the retailer will not consider claims for battery life under any circumstances. If the battery charge is low, a warning displays at the top left (see paragraph "troubleshooting").



**THE TRANSMISSION OF THE SIGNAL FROM THE REMOTE CONTROL TO THE PRODUCT IS CONFIRMED BY A BEEP. IF THE BEEP IS NOT EMITTED, THE BUTTON WAS NOT PRESSED FOR LONG ENOUGH.**

**REMOTE CONTROL POWER SAVING**

If the remote control is not used for 20", the display turns off to save power. The display turns black without text. It is an indication referred to the remote control only, not to the product state.

The display come back on by pressing the ON/OFF button.

**DO NOT PRESS THE ON/OFF BUTTON REPEATEDLY; in manual mode, this turns the product on and off.**



**REMOTE CONTROL POWER**

- Open the bottom of the remote control and insert the 2 batteries in the indicated orientation.
  - Give power to the appliance.
  - **PRESS THE ON/OFF BUTTON WHEN YOU HEAR THE BEEP**
- Otherwise the remote control will not work.**

If this is the first power on and the language has not yet been set, the language selection screen will display.

Select the language with the +/- keys and confirm it with OK. You are now asked to confirm or set the Time and Date. Set the values with the +/- keys and confirm with OK. The day of the week is calculated automatically using a perpetual calendar.

The display reads the **POSSIBLE STATES** described below:

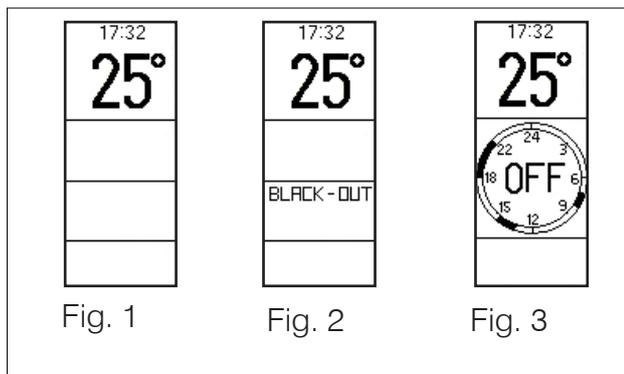
**- OFF STATE**

The product is shutting down or is off in response to a manual switching off by using the ON/OFF button of the remote control or due to an external contact (crono, phone dialler)

The display shows the current time, room temperature and the status in relation to which the product is OFF.

The product is OFF:

- due to manual operation of the user (fig. 1)
- due to power failure (fig. 2)
- due to shut off by Crono mode (fig. 3)



From the OFF screen, press the ON/OFF button for 3 seconds to switch to the ON screen.  
 Pressing the +/- keys has no effect.  
 Pressing the M key displays the menu.

**- ON STATE**

The product is ON.

The display shows (figure 4)

1. the current time
2. the current room temperature
3. the room temperature setting or manual mode
4. the power level (represented by the flames)
5. the fan level (represented by the filling in of the blades)

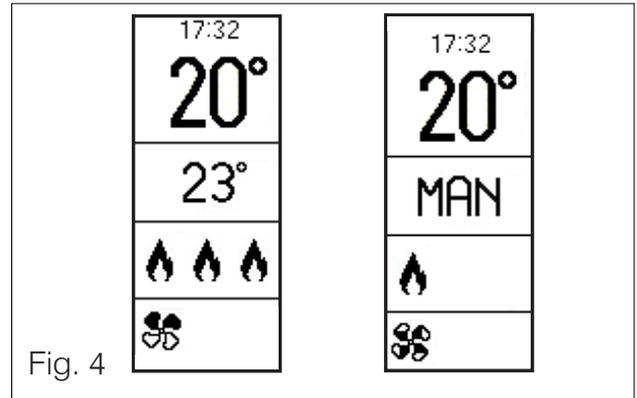


Fig. 4

If timer programming is active, 3 and 4 are replaced by the day's timer programming with the current setpoint at the centre (figure 5) and the temperature displayed at the top right.

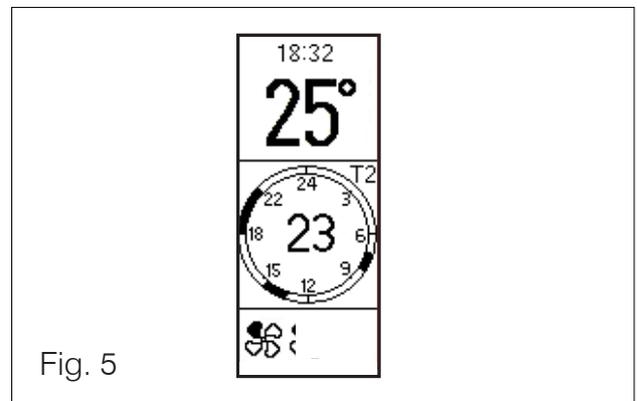


Fig. 5

**- ALARM STATE**

In case of shutdown due to alarm, 4 is replaced by a message indicating the type of shutdown (figure 6)

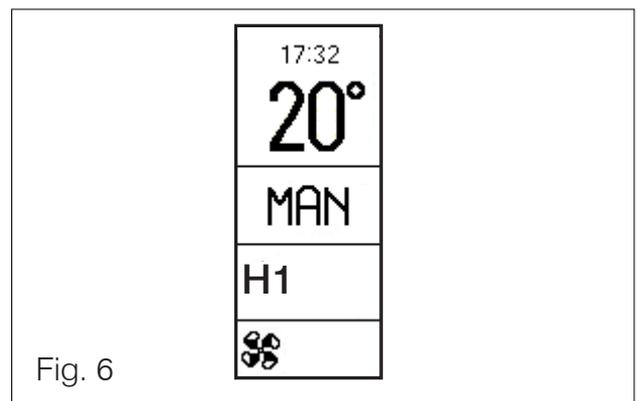


Fig. 6

**- STAND BY STATE**

Situation in which there is no demand for heating.

If the Stand By function is active, the display shows the same information as in the ON state without flame (on the top left you will see "STB").



While in stand-by mode, and ON, the product turns on only if there is a heat request

**USER CONTROLS (REMOTE CONTROL)**

**- ON/OFF**

**- Switch-on/switch-off**

**- Manual mode setting**

- Power setting
- Fan setting

**- Automatic mode setting**

- Temperature setpoint setting
- Fan setting

**- RELAX function**

- From the **Menu screen:**

- **Pellet Load** (shown only when the product is OFF)
- **Stand By**
- **Crono**
- **Night** (shown only when the product is ON)
- **Date / time**
- **Display**
- **Language**
- **Beep**
- **Info** (technician only)
- **Technical Menu** (technician only)



We describe the procedures below.

**ON/OFF**

hold the ON/OFF button down to turn the product ON. When ON, the product has a flame (ignition phase, etc.) when there is a heating demand.

**Switch-on/switch-off**

The ON/OFF button switches the product on (starts the ignition phase) or off (starts the switch off phase) manually **in Manual mode only.**

In Automatic mode, the product responds to the heating demand.

**Setting Manual/Automatic**

Press the OK button for two seconds to switch from manual to automatic or vice versa.

In Manual mode, the display reads "Man".

In Automatic mode, the temperature displays.

**In automatic:**

Set Room Temperature (read by the remote control, this should be positioned in the room the product is installed in).

Set the temperature setpoint (Set) with the "+" and "-" buttons.

**In manual:**

**Power setting**

Set the power level (displayed by the flame symbol) with the "+" and "-" buttons.

The power level displays next to the flame symbol.

**Ventilation setting**

Follow the instructions below to manually regulate the power levels of the fan.

Press "OK" once.

The fan setting displays, next to the blade symbol representing the fan.

Set the fan level with the "+" and "-" buttons.

The blades fill in to indicate the current setting.

Confirm by pressing the OK button for two seconds.

The fan setting can also follow the room temperature demand (reduce when the temperature is close to the desired temperature or increase vice versa)

To activate this mode, press the + button to above the maximum fan setting. The letter "A" will appear next to the blade symbol.

THE NUMBER NEXT TO THE FAN BLADE OR FLAME ONLY DISPLAYS WHILE THE SETTING IS BEING MADE.

**- Relax function**

Natural convection function (without ventilation) with automatic power limiting.

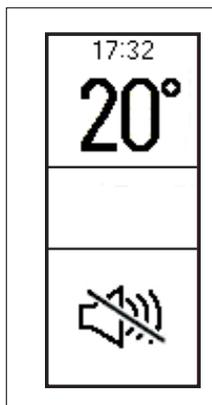
This function is available in all modes: automatic, manual and crono.

Hold down the “M” button for two seconds to activate the Relax function.

The display reads the  symbol, as shown below. Hold it down again to deactivate it.

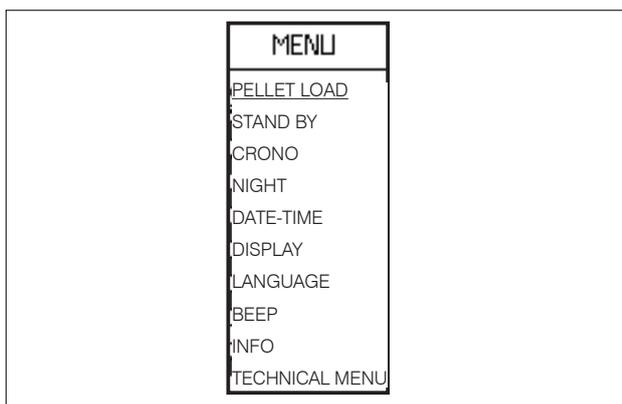
The product reduces its power output and after a few minutes switches the fan off too.

Pressing OK or “+” or “-” in this mode has no effect.



**Menu**

Press the “M” button to display the menu.



When the menu displays, the buttons have the following functions:

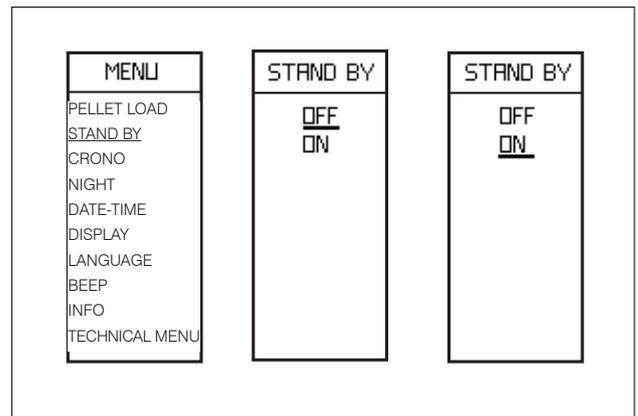
- “+” : scroll up
- “-” : scroll down
- press and release “OK”: enter menu option
- press and release “M”: quit menu option

Press the ON/OFF button to confirm and return to the main screen.

**- Stand by**

When the Stand by function is active, in automatic and crono modes, the product shuts off when the temperature setpoint is reached and turns on again when the room temperature drops.

When the Stand By function is not active, the product sets itself to minimum power when the temperature setpoint is reached.



To access the function from the main menu (as indicated in the Menu section above), press the M button. Scroll using the +/- buttons and select the function by pressing the “OK” button.

Use the “+/-” buttons to select OFF or ON.

To exit without saving, press the “M” button

If you selected ON, the display shows the minutes for which the product will continue running at minimum power even when the temperature setpoint has been reached.

Use the “+/-” buttons to increase or decrease this time in minutes.

Press “OK” for two seconds to confirm and return to the previous menu level.

Press the ON/OFF button to return to the main screen.



The product is programmed by default with a delta of +/- 1 °C to optimise comfort.

The technician can change this setting during commissioning to suit the needs of the application.

The display shows the temperature rounded down. This means that 20.1°C and 20.9°C are indicated as “20°C”.

E.g., with the room temperature set to 20°C, the product will enter modulation mode/switch off when a temperature of 21° C is reached and will switch on again below 19° C.

**Crono**

When the Crono function is active, the user sets a temperature setpoint and a time zone for which that setpoint is specified.

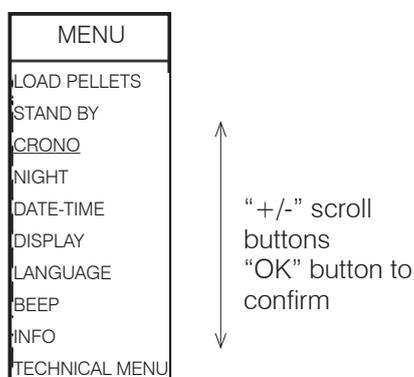
The setting involves different steps, which do not need to be consecutive:

- enabling the Crono mode to 7 days a week or on single days (“ENABLE” on the display);
- setting three temperature setpoints, making sure that T1 is always lower than T2 and T2 lower than T3 (“TEMP” on the display);
- combining one of the three temperatures (T1, T2 or T3) with a time period (“SET” on the display).

Once the settings are complete, you can display/change the time periods and the set temperatures (“CHANGE” on the display).

The ON/OFF button always allows you to return to the main screen.

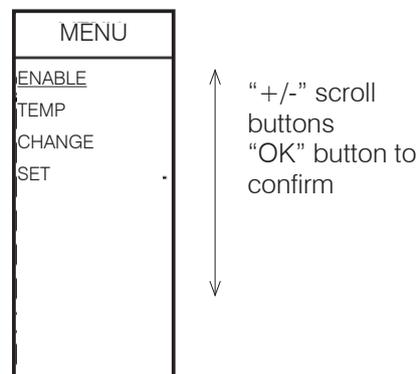
**To enter the Crono function** from the main menu, press “M” once from the active display. Scroll down to “Crono” (underlined) using the “+/-” buttons. Press “OK” to confirm and select the Crono function. To go back to the previous screen press the “M” button.



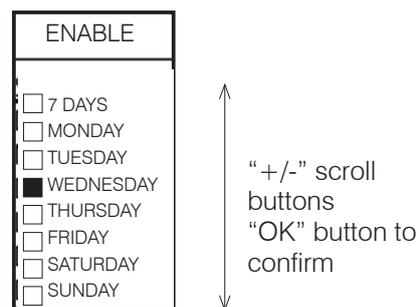
The following screen will appear. Scroll to “ENABLE” (underlined) using the “+/-” buttons.

**To enable** the Crono function to 7 days a week or on single days (“ENABLE” on the display), press the “OK” button.

To go back to the previous screen press the “M” button.



Scroll to the desired position (eg. “7 DAYS”, underlined) using the “+/-” buttons.

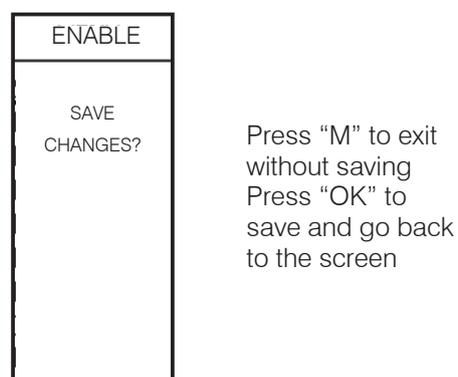


The selected option is identified by a black square on the right, instead of a white one (e.g. on Wednesday if selected).

To continue with other changes, press the “OK” button.

To choose between exit without saving and save, press the “M” button.

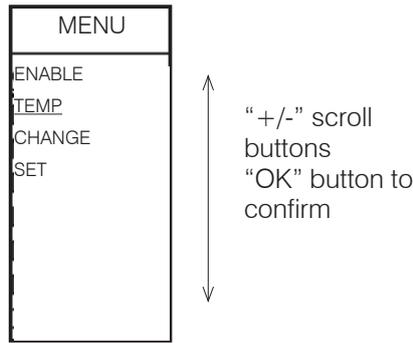
The following screen will appear.



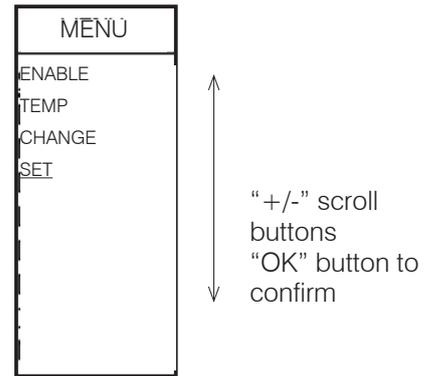
The Crono function is disabled when none of the items is selected.

When the Crono function is disabled, the product operates in automatic mode.

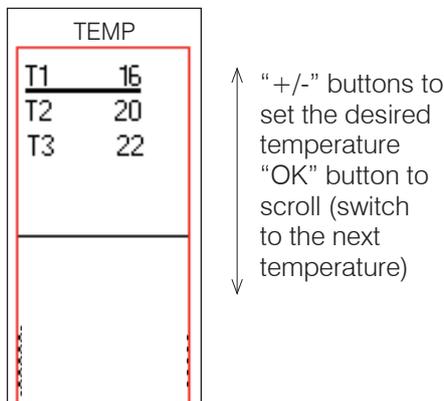
**To set the temperature setpoints** (“TEMP” on the display), from the Crono function, press the “OK” button. The following screen will appear. Scroll to “TEMP” (underlined) using the “+/-” buttons. Press the “OK” button to confirm and select “TEMP”. Press the “M” button to go back to the previous screen. Press the “OK” button to enter the “TEMP” function.



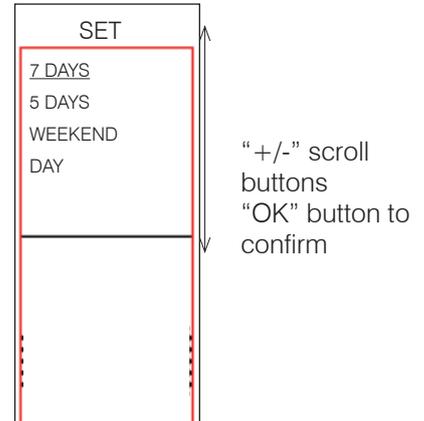
**To combine one of the three temperatures to a time period** (“SET” on the display), from the Crono function, press the “OK” button. The following screen will appear. Scroll to “SET” (underlined) using the “+/-” buttons. Press the “OK” button to confirm and select “SET”. Press the “M” button to go back to the previous screen. Press the “OK” button to enter the “SET” function.



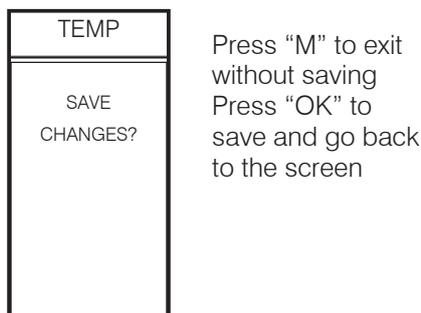
The Crono has three adjustable setpoints: T1, T2 and T3 (screens below). Press the “OK” button to switch between the setpoints. Use the “+” and “-” buttons to set the desired temperature setpoint for each level. T1 must always be lower than T2 and T2 lower than T3; if you try to set a T1 temperature that is higher than T2, the T1 temperature will automatically match T2.



The first page (below) allows you to choose whether to apply the same Crono configuration for 7/7 days, 5/7, weekend only or day by day.



To continue with other changes, press the “OK” button. To choose between exit without saving and save, press the “M” button. The following screen will appear.



**NOTE**

Press the O/I key to switch on/off the product, outside setted time periods, when Crono mode is enabled. Crono mode will be disabled.

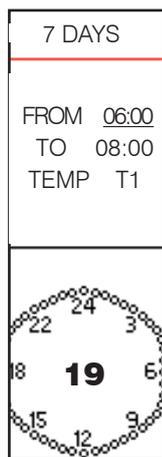
See instructions on the Crono section to restore the Crono mode.

The second screen (accessible by pressing the “OK” button from the first screen) allows you to set the start and end time of the time period matching the chosen temperature setpoint (T1,T2 and T3).

The set temperature is shown in the middle of the clock.

This is done in steps of 30'. The periods that the appliance is ON are shown with the dots of the numbers in black. The periods shown with the dots of the numbers in white, the appliance is OFF.

The setting screen is the following.



Press the “+/-” buttons to change the switch-on time. Hold the button down to scroll through the times more quickly.

Press the “OK” button to confirm and go to the end time setting.

Press the “+/-” buttons to change the switch-off time. Hold the button down to scroll through the times more quickly.

Press the “OK” button to confirm and go to the temperature selection (T1, T2 or T3).

Press the “+/-” buttons to switch between the temperatures.

To continue with other changes, press the “OK” button.

To choose between exit without saving and save, press the “M” button.

The following screen will appear.



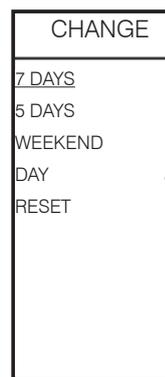
Press “M” to exit without saving  
Press “OK” to save and go back to the screen

**To view/change the settings** (“CHANGE” on the display), from the Crono function, press the “OK” button. The following screen will appear.

Scroll to “CHANGE” (underlined) using the “+/-” buttons.

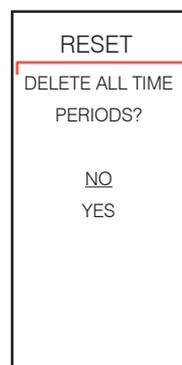
Press the “OK” button to confirm and select “CHANGE”.

To go back to the previous screen press the “M” button.



“+/-” scroll buttons  
“OK” button to confirm

From the “CHANGE” function, in addition to changing/ viewing the “7 DAYS”, “5 DAYS”, “WEEKEND”, “DAY” programming, you can **erase all time settings using the “RESET” function.**



Use the “+/-” buttons to switch between YES and NO  
“OK” button to continue with other changes

**Night (deferred switching on/off)**

This function switches the product on/off after a set period from activation of the function. This is convenient if you go to bed and want the product to switch on/off after a few hours (12 hours maximum).

Activating the Night function

To access the function from the main menu (as indicated in the Menu section above), press the M button. Scroll using the +/- buttons and select the function by pressing OK.

Use the "+/-" buttons to activate/deactivate the function.

To exit without saving, press the "M" button.

Confirm by pressing the "OK" button for two seconds.

Setting the hours

Press "+" to increase the duration.

To exit without saving, press the "M" button.

Confirm by pressing the "OK" button for two seconds.

Press ON/OFF to return to the main screen.

With the Night Function active, the display shows the moon in the top left corner.

To quit the function, return to the menu and set the Night function to Deactivated. The procedure is the same as for activation.

**Load Pellets**

Allows you to load pellets after the screw feeder has emptied following a no-pellets alarm.

Useful for the technician during commissioning.

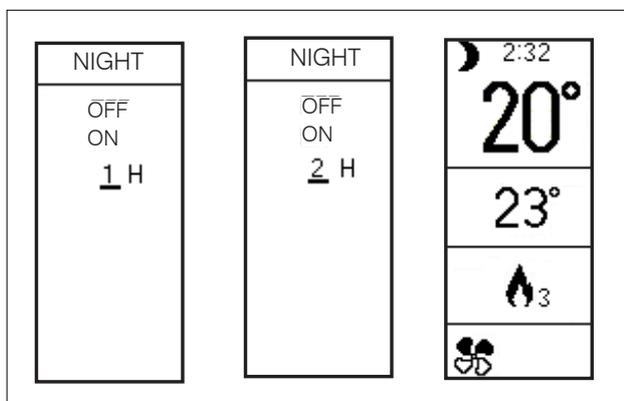
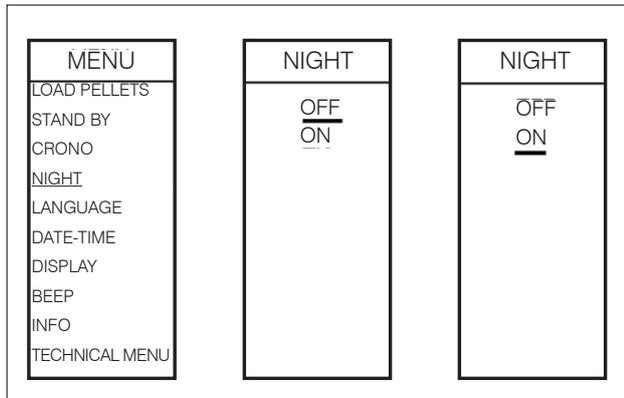
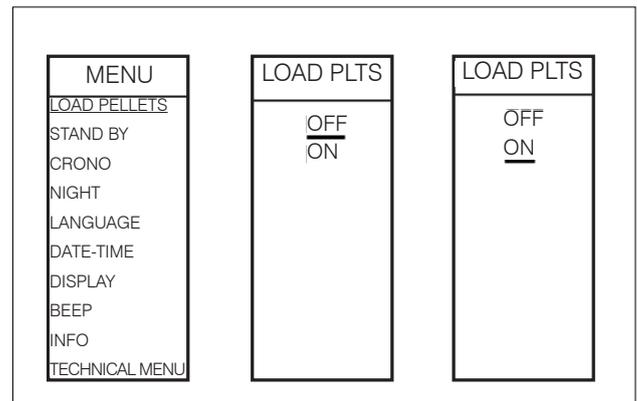
Available only in the OFF state. If you attempt to activate the function in other states, access is not granted.

To access the function from the main menu (as indicated in the Menu section above), press the M button. Scroll using the +/- buttons and select the function by pressing OK.

Use the "+/-" buttons to activate/deactivate the function.

Press "M" to quit without saving.

Confirm by pressing the "OK" button for 2 seconds



**Language**

Selects the language.

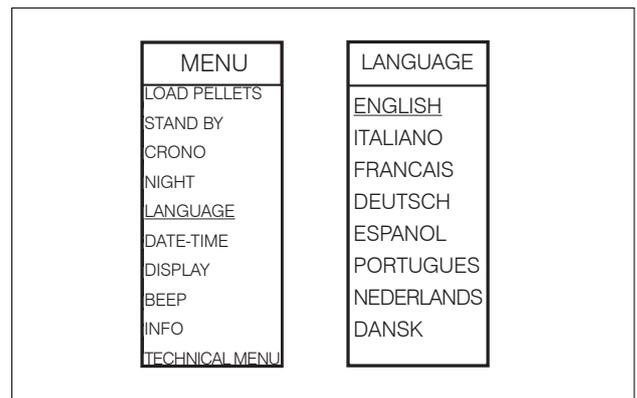
This displays the first time the remote control is activated with the product powered on, or by selecting the option from the menu.

To access the function from the main menu (as indicated in the Menu section above), press the M button. Scroll using the +/- buttons and select the function by pressing OK.

Use the "+/-" buttons to select the language.

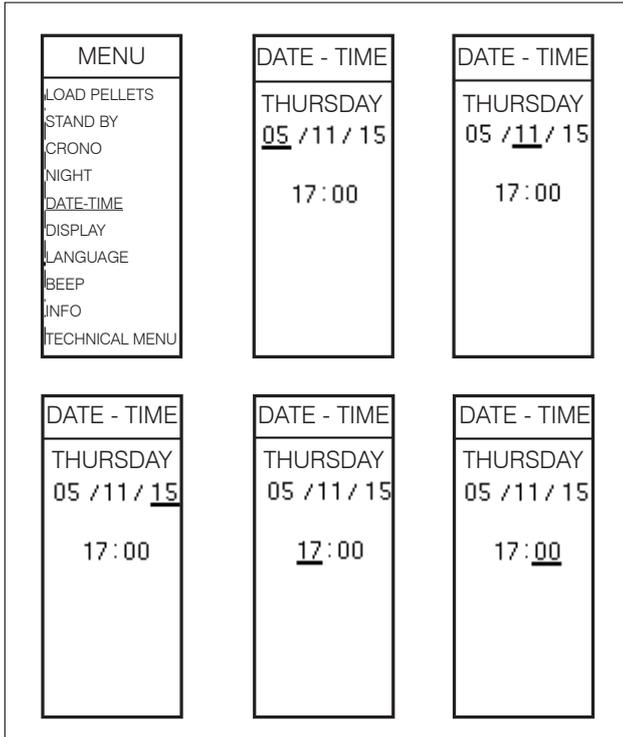
To exit without saving, press the "M" button.

Confirm by pressing the "OK" button for two seconds.



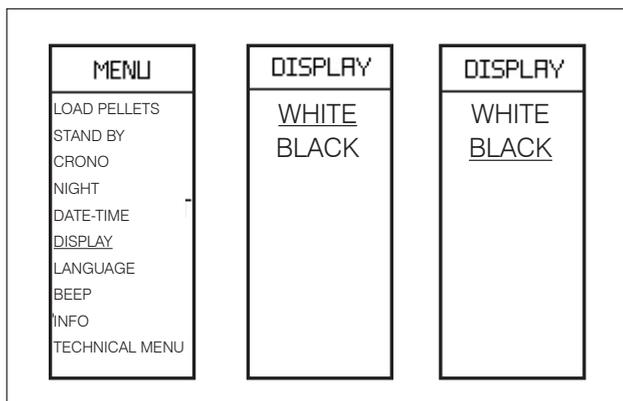
**Date/Time**

Sets the current date/time.  
 This displays the first time the remote control is activated with the stove powered on, or by selecting the option in the menu.  
 To access the function from the main menu (as indicated in the Menu section above), press the M button. Scroll using the +/- buttons and select the function by pressing OK.  
 Use the "+/-" buttons.  
 Press "M" to quit without saving.  
 Confirm by pressing the "OK" button for 2 seconds.



**Display**

It allows you to choose the background of the display, from white to black, or deactivate the lighting (Led ON - Led OFF).  
 To access the function from the main menu (as indicated in the Menu section above), press the M button. Scroll using the +/- buttons and select the function by pressing OK.  
 Use the "+/-" buttons to select the colour.  
 Press "M" to quit without saving.  
 Confirm by pressing the "OK" button for 2 seconds



**Beep**

Allows you to enable/disable the beep.  
 To access the function from the main menu (as indicated in the Menu section above), press the M button. Scroll using the +/- buttons and select the function by pressing OK.  
 Use the "+/-" buttons to select On/Off.  
 Press "M" to quit without saving.  
 Confirm by pressing the "OK" button for 2 seconds.

**Info**

These readings should only be done when requested by the technician.  
 The technician understands the diagnostic meaning of the messages and numbers, and may ask you to read them to him/her if you experience problems.

**Technical menu**

Accessible only to an authorised technician with the appropriate password.

**Before doing any maintenance, disconnect the appliance from the mains.  
Regular maintenance is essential to keeping the appliance in good working order.  
Failure to service the product properly will prevent it from working properly.  
Any problems due to failure to service the stove will void the warranty.**

**DAILY MAINTENANCE**

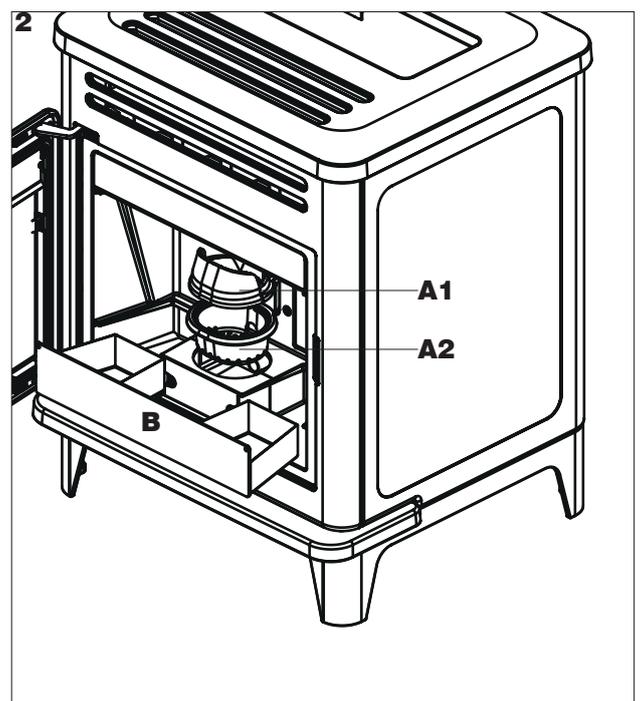
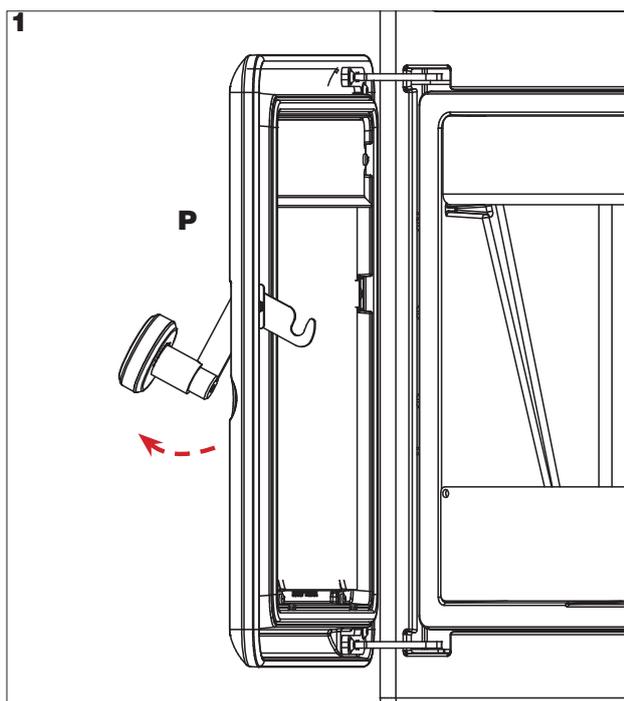
These operations must be done with the product off, cold and preferably disconnected from the mains.  
A suitable vacuum cleaner is required.  
The entire procedure takes just a few minutes.  
Operations are represented in the even number figures on this page.

1. Open the combustion chamber door (P).  
The grate consists of two parts (A1 and A2). It is snapped into position in its housing.
2. Empty the ash tray (B) and the grate into a non-flammable container (the ashes may still contain embers and/or hot parts, or clean using a vacuum cleaner if cold. Vacuum out the interior of the combustion chamber, the bed, and the compartment around the grate into which the ash falls.
3. Scrape the grate with the provided scraper and clean out any obstructed holes.
4. Clean the glass (when cold) if necessary, by using a suitable product (such as Glasskamin) available at the retailer.

Do not dump the cleaning residue into the pellet tank. Once it is refitted, make sure that the ash tray is properly placed in its housing, to avoid glass breakage when closing.  
Make sure that the grate is properly placed in its housing after maintenance operations, if not, the stove may have ignition problems.



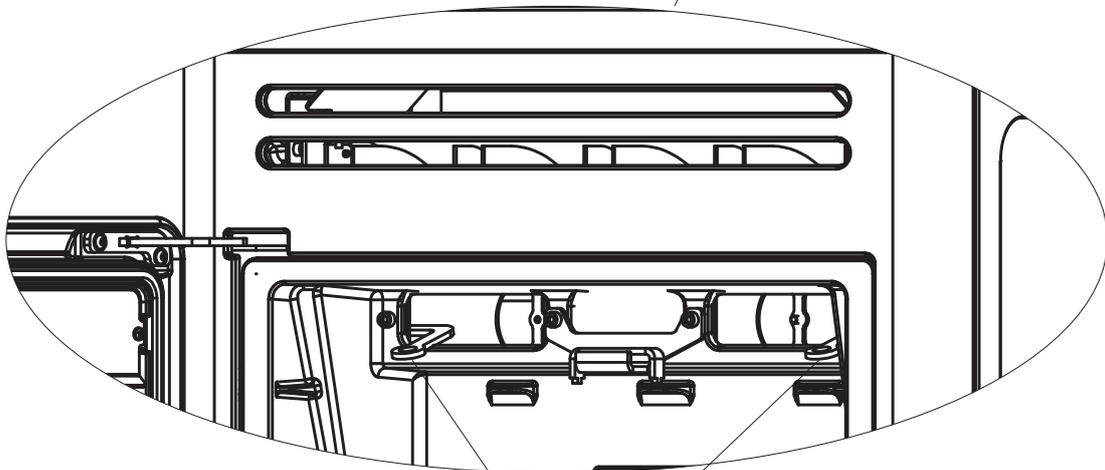
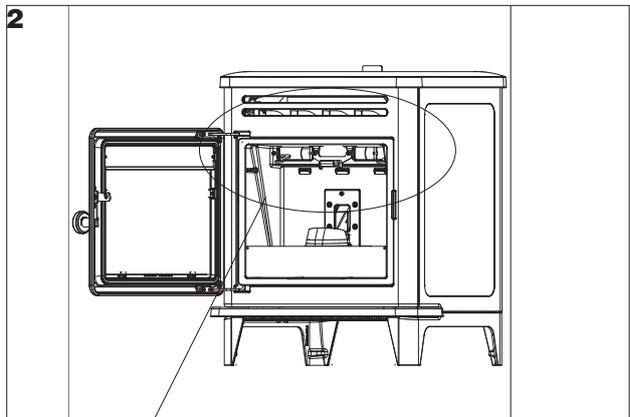
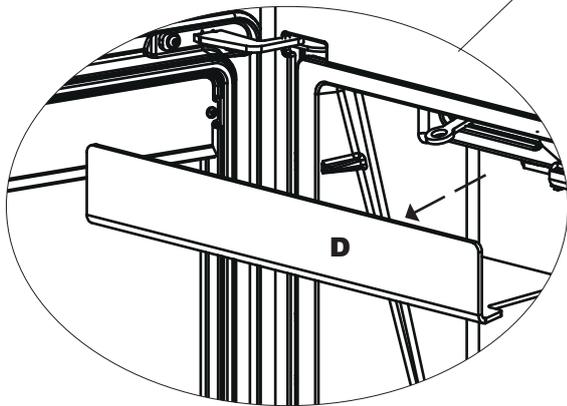
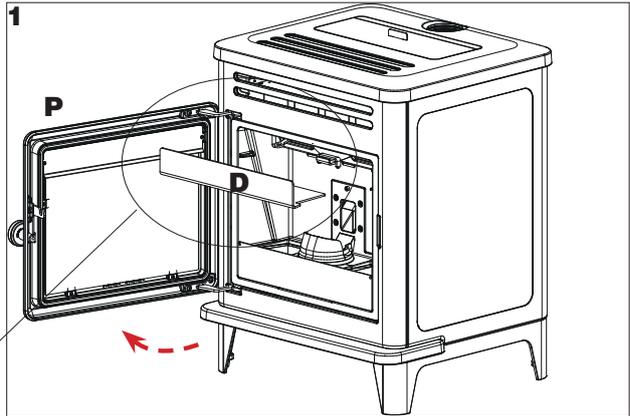
**Using the stove without cleaning the grate can cause the gas in the combustion chamber to ignite and detonate**



**WEEKLY MAINTENANCE**

When the product is off and cold, you should activate the cleaning brushes inside the combustion chamber. Operations are represented in the even number figures on this page.

1. How to access the cleaning brushes:
  - open the combustion chamber door (P)
  - remove the top deflector (D), by pulling it towards you
2. Activate the cleaning brushes.



cleaning brushes

**QUARTERLY MAINTENANCE**

In case of frequent use, decide with the technician whether to:

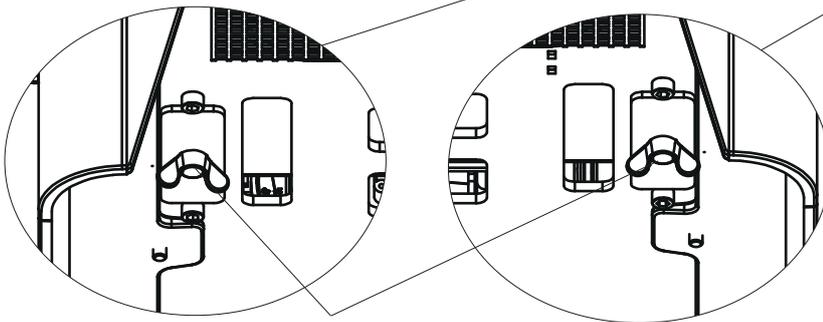
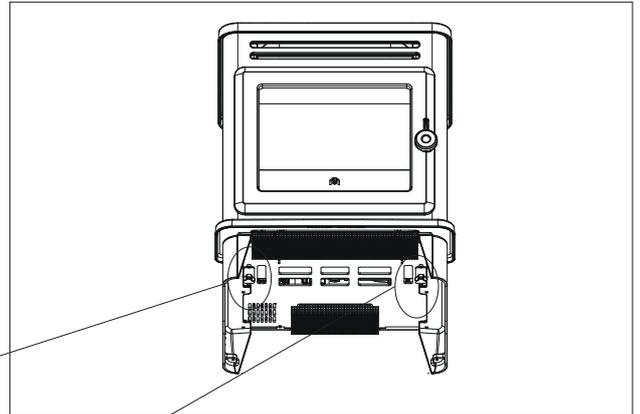
clean the inspection areas on the bottom of the product;

clean the inspection areas on the rear.

**To clean the inspection areas on the bottom of the product,** proceed as follow. In case we have removed feet, technician can use inspection on the side. The view holes are accessible as long as the feet have not been removed. Alternatively, the technician can clean the appliance using the side view holes, accessed by removing the side panels.

We recommend you to put a cloth or newspaper underneath the product to avoid dirt spilling.

When the product is off and cold, undo the screws (“wing nuts”) underneath the product.

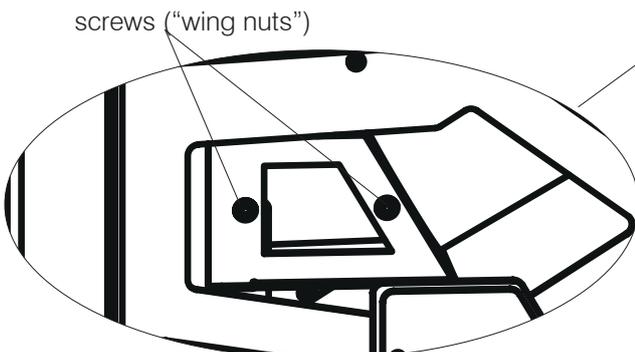
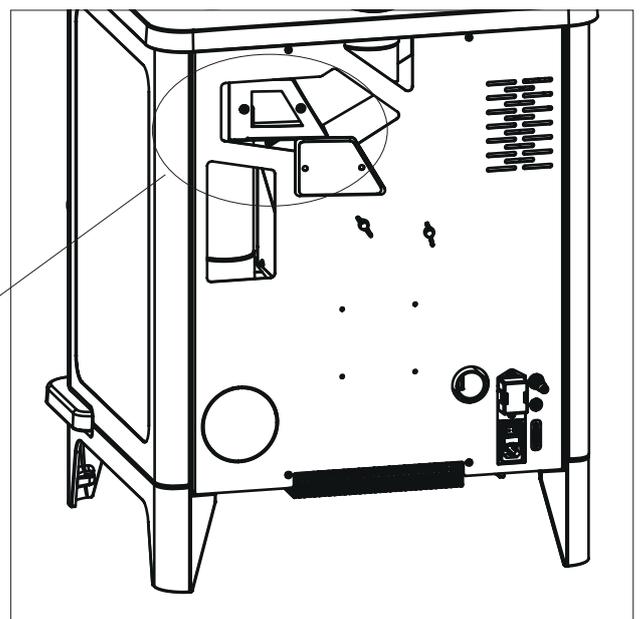


screws (“wing nuts”)

**To clean the inspection areas on the rear of the product, proceed as follows.**

When the product is off and cold, undo the screws (“wing nuts”) on the plate on the rear of the product.

Clean with a vacuum cleaner.



screws (“wing nuts”)

**SEASONAL MAINTENANCE**

**(to be carried out by the technical assistance centre)**

This consists in cleaning the stove inside and out.

**If the product is used intensively, we recommend cleaning the smoke duct and flue every 3 months.**

You should clean the chimney system at least once a year (check local regulations for details).

If you fail to regularly clean and inspect the system, there is an increased risk of the chimney pot catching fire.

We recommend against using compressed air to clean the combustion air inlet.

**SUMMER SHUTDOWN**

During the period of disuse, keep the stoves doors, hatches and lids closed.

We recommend emptying out the pellet tank. Place the package of dessicating salts inside the combustion chamber.

**SPARE PARTS**

for any spare parts, contact your reseller or technician. Using non-original spare parts may damage the appliance and relieves Edilkamin of all liability for damage resulting there from.

**Do not make unauthorised modifications**

**DISPOSAL**

At the end of its service life, dispose of the product as required by regulations.



In accordance with art. 26 of Legislative Decree no. 49 of 14th March 2014, "Implementation of Directive 2012/19/UE on the disposal of electrical and electronic devices (RAEE)".

The crossed-out dustbin symbol displayed on equipment or its packaging indicates that the product at the end of its life must be collected separately from other waste.

At the end of its useful life, the user should therefore deliver the product to a suitable local sorted collection centre for electrical and electronic devices.

Sorted collection for recycling, treatment and environmentally compatible scrapping contributes to the prevention of negative effects on the environment and health, and promotes the re-use and recycling of the materials of which the equipment is made.

**If problems occur, the product shuts itself off automatically.**

**The display will show the reason (see below).**

**Do not disconnect from the power supply.**

**To start the product up again, allow the shutdown procedure to complete, then press the remote control's ON/OFF button or the simplified ignition button.**

**Before starting the product up again, check the reason for the shutdown and CLEAN THE GRATE.**

**The product is equipped with a safety valve but, if the grate is not cleaned regularly as explained above, ignition may involve a small detonation. If white smoke forms in the combustion chamber for a long time, disconnect the mains supply and wait 30 minutes before opening the door and emptying out the grate.**

**SHUTDOWN MESSAGES AND THEIR SOLUTIONS:**

<b>MESSAGE</b>	<b>PROBLEM</b>	<b>SOLUTION</b>
<b>H01</b>	displays when the combustion air intake is below the set level	<ul style="list-style-type: none"> <li>• Check that the combustion chamber door is closed</li> <li>• Check the regular maintenance of the stove</li> <li>• Check that smoke discharge and combustion air ducts are clean.</li> </ul>
<b>H02</b>	displays when the logic board is not detecting the right smoke fan speed	<ul style="list-style-type: none"> <li>• Contact the technician</li> </ul>
<b>H03</b>	displays when the thermocouple detects a smoke temperature lower than the set value and interprets this as the absence of flame	<ul style="list-style-type: none"> <li>• Check that there are pellets in the tank</li> <li>• Contact the technician</li> </ul>
<b>H04</b>	displays when ignition times out unsuccessfully	<p>There are two possibilities:</p> <p>NO flame:</p> <ul style="list-style-type: none"> <li>• Check that the grate is seated properly and is clean</li> <li>• Check that there are pellets in the tank and grate</li> <li>• Use a piece of solid paraffin to light the stove (contact the technician first)</li> </ul> <p>Flame present:</p> <ul style="list-style-type: none"> <li>• Contact the technician</li> </ul>
<b>H05</b>	Shut-down due to failure of the air flow reading sensor	<ul style="list-style-type: none"> <li>• Contact the technician</li> </ul>
<b>H06</b>	displays when the logic board determines that the smoke thermocouple is broken or disconnected	Contact the technician

MESSAGE	PROBLEM	SOLUTION
<b>H07</b>	Shut-down due to exceeding maximum smoke temperature.	<ul style="list-style-type: none"> <li>• Check the type of pellet (contact the technician if in doubt)</li> <li>• contact the technician</li> </ul>
<b>H08</b>	Switching OFF due to excessive overheating of the product	<ul style="list-style-type: none"> <li>• see H07</li> </ul>
<b>H09</b>	Shut-down due to gearmotor failure.	<ul style="list-style-type: none"> <li>• Contact the technician</li> </ul>
<b>H10</b>	Switching OFF due to circuit board overheating	<ul style="list-style-type: none"> <li>• Contact the technician</li> </ul>
<b>H11</b>	Switching OFF due to the intervention of the safety pressure switch.	<ul style="list-style-type: none"> <li>• Ensure the stove and flue are clean</li> <li>• Contact the technician</li> </ul>
<b>H12</b>	Room temperature probe failure. The product is operating in manual mode.	<ul style="list-style-type: none"> <li>• Contact the technician</li> </ul>

### MESSAGES WHICH DO NOT SHUT THE STOVE DOWN, BUT ARE SIMPLY WARNINGS

#### LOW REMOTE CONTROL BATTERY LEVEL:

The battery symbol will appear on the remote control display if the battery is low.



#### MAINTENANCE:

A wrench symbol is shown on the display after 2000 hours of operation.

The product is working, but it must be serviced by an authorised Edilkamin technician.







**EDILKAMIN**  
TECNOLOGIA DEL FUOCO

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