

Extrablame®

Riscaldamento a Pellet



UK

PELLET STOVES USER MANUAL

ANASTASIA PLUS

MADE IN ITALY
design & production

004280227 - Rev 000



! ATTENTION



**SURFACES CAN BECOME VERY HOT!
ALWAYS USE PROTECTIVE GLOVES!**

During combustion, thermal energy is released that significantly increases the heat of surfaces, doors, handles, controls, glass, exhaust pipes, and even the front of the appliance. Avoid contact with those elements if not wearing protective clothing (protective gloves included). Make sure children are aware of the danger and keep them away from the stove during operation.

| | |
|--|-----------|
| ENGLISH | 4 |
| WARNINGS | 4 |
| SAFETY | 4 |
| ROUTINE MAINTENANCE | 6 |
| INSTALLATION | 7 |
| MINIMUM DISTANCES..... | 7 |
| PREPARATIONS FOR MAINTENANCE..... | 7 |
| DETAILS OF ANASTASIA PLUS | 9 |
| RADIO/EMERGENCY CARD..... | 9 |
| REARMING..... | 9 |
| DUCTING FEATURES | 10 |
| FACTORY DEFAULT DUCTING OPERATION | 10 |
| DUCTING OPERATION WITH THERMOSTAT OR SENSOR (OPTIONAL) | 10 |
| SUPPLEMENTARY THERMOSTAT TA (OPTIONAL) | 11 |
| REARMING..... | 11 |
| FUSE..... | 11 |
| PELLETS AND FEEDING | 12 |
| PDA | 13 |
| CONFIGURATION..... | 13 |
| BATTERY TYPE AND REPLACEMENT..... | 13 |
| PDA FEATURES | 14 |
| DISPLAY | 15 |
| GENERAL MENU | 16 |
| GENERAL WARNINGS..... | 16 |
| COMMISSIONING SETTINGS | 17 |
| DATE-TIME..... | 17 |
| LANGUAGE..... | 17 |
| OPERATION AND LOGIC | 18 |
| FRONT AIR | 19 |
| AIR DUCTING Z1-Z2 | 19 |
| EASY SETUP | 19 |
| CHRONO | 20 |
| ENABLING..... | 20 |
| STAND-BY..... | 22 |
| SETTINGS | 22 |
| DISPLAY..... | 22 |
| STAND-BY..... | 22 |
| OPERATION WITH SUPPLEMENTARY THERMOSTAT (OPTIONAL)..... | 22 |
| DELTA T..... | 23 |
| RESET..... | 23 |
| ADDITIONAL FUNCTIONS | 23 |
| COMFORT..... | 23 |
| SUPPLEMENTARY THERMOSTAT INSTALLATION (OPTIONAL)..... | 23 |
| PDA ROOM PROBE CALIBRATION..... | 24 |
| CLEANING AND MAINTENANCE | 25 |
| MAINTENANCE | 25 |
| CLEANING AND MAINTENANCE BY THE USER..... | 25 |
| ROUTINE MAINTENANCE CARRIED OUT BY AUTHORISED TECHNICIANS | 29 |
| PUTTING THE EQUIPMENT OUT OF SERVICE (END OF THE SEASON)..... | 29 |
| DISPLAYS | 32 |
| ALARMS | 33 |
| GUARANTEE TERMS | 34 |
| DISPOSAL | 35 |

We thank you for having chosen our company; our product is a great heating solution developed from the most advanced technology with top quality machining and modern design, aimed at making you enjoy the fantastic sensation that the heat of a flame gives, in complete safety.

WARNINGS

This instructions manual is an integral part of the product: make sure that it always accompanies the appliance, even if transferred to another owner or user, or if transferred to another place. If it is damaged or lost, request another copy from the area technician. This product is intended for the use for which it has been expressly designed. The manufacturer is exempt from any liability, contractual and extracontractual, for injury/damage caused to persons/animals and objects, due to installation, adjustment and maintenance errors and improper use.

Installation must be performed by qualified staff, which assumes complete responsibility for the definitive installation and consequent good functioning of the product installed. One must also bear in mind all laws and national, regional, provincial and town council Standards present in the country in which the appliance has been installed, as well as the instructions contained in this manual.

The Manufacturer cannot be held responsible for the failure to comply with such precautions.

After removing the packaging, ensure that the content is intact and complete. Otherwise, contact the dealer where the appliance was purchased. All electric components that make up the product must be replaced with original spare parts exclusively by an authorised after-sales centre, thus guaranteeing correct functioning.

SAFETY

- ◆ **THE APPLIANCE MAY BE USED BY CHILDREN 8 YEARS OF AGE OR OLDER AND INDIVIDUALS WITH REDUCED PHYSICAL, SENSORY, OR MENTAL CAPACITIES OR WITHOUT EXPERIENCE OR THE NECESSARY KNOWLEDGE, PROVIDED THAT THEY ARE SUPERVISED OR HAVE RECEIVED INSTRUCTIONS ON SAFE USE OF THE APPLIANCE AND THAT THEY UNDERSTAND THE INHERENT DANGERS.**
- ◆ **THE GENERATOR MUST NOT BE USED BY PERSONS (INCLUDING**

CHILDREN) WITH REDUCED PHYSICAL, SENSORY AND MENTAL CAPACITIES OR WHO ARE UNSKILLED PERSONS, UNLESS THEY ARE SUPERVISED AND TRAINED REGARDING USE OF THE APPLIANCE BY A PERSON RESPONSIBLE FOR THEIR SAFETY.

- ◆ THE CLEANING AND MAINTENANCE REQUIRED BY THE USER MUST NOT BE PERFORMED BY CHILDREN WITHOUT SUPERVISION.
- ◆ CHILDREN MUST BE CHECKED TO ENSURE THAT THEY DO NOT PLAY WITH THE APPLIANCE.
- ◆ DO NOT TOUCH THE GENERATOR WHEN YOU ARE BAREFOOT OR WHEN PARTS OF THE BODY ARE WET OR DAMP.
- ◆ THE SAFETY AND ADJUSTMENT DEVICES MUST NOT BE MODIFIED WITHOUT THE AUTHORISATION OR INDICATIONS OF THE MANUFACTURER.
- ◆ DO NOT PULL, REMOVE, TWIST THE ELECTRICAL CABLES COMING OUT OF THE PRODUCT EVEN IF IT IS DISCONNECTED FROM THE MAINS.
- ◆ IT IS ADVISED TO POSITION THE POWER SUPPLY CABLE SO THAT IT DOES NOT COME INTO CONTACT WITH HOT PARTS OF THE APPLIANCE.
- ◆ THE POWER SUPPLY PLUG MUST BE ACCESSIBLE AFTER INSTALLATION.
- ◆ DO NOT CLOSE OR REDUCE THE DIMENSIONS OF THE AIRING VENTS IN THE PLACE OF INSTALLATION. THE AIRING VENTS ARE ESSENTIAL FOR CORRECT COMBUSTION.
- ◆ DO NOT LEAVE THE PACKAGING ELEMENTS WITHIN REACH OF CHILDREN OR UNASSISTED DISABLED PERSONS.
- ◆ THE HEARTH DOOR MUST ALWAYS BE CLOSED DURING NORMAL FUNCTIONING OF THE PRODUCT.
- ◆ WHEN THE APPLIANCE IS FUNCTIONING AND HOT TO THE TOUCH, ESPECIALLY ALL EXTERNAL SURFACES, ATTENTION MUST BE PAID
- ◆ CHECK FOR THE PRESENCE OF ANY OBSTRUCTIONS BEFORE SWITCHING THE APPLIANCE ON FOLLOWING A PROLONGED PERIOD OF INACTIVITY.
- ◆ THE GENERATOR HAS BEEN DESIGNED TO FUNCTION IN ANY CLIMATIC CONDITION. IN PARTICULARLY ADVERSE CONDITIONS (STRONG WIND, FREEZING) SAFETY SYSTEMS MAY INTERVENE THAT SWITCH THE GENERATOR OFF. IF THIS OCCURS, CONTACT THE TECHNICAL AFTER-SALES SERVICE AND ALWAYS DISABLE THE SAFETY

SYSTEMS.

- ◆ IN THE EVENT THE FLUE CATCHES FIRE, USE SUITABLE SYSTEMS FOR SUFFOCATING THE FLAMES OR REQUEST HELP FROM THE FIRE BRIGADE.
- ◆ THIS APPLIANCE MUST NOT BE USED TO BURN WASTE
- ◆ DO NOT USE ANY FLAMMABLE LIQUIDS FOR IGNITION
- ◆ DURING THE FILLING PHASE DO NOT PUT THE BAG OF PELLETS TO INTO CONTACT WITH THE PRODUCT
- ◆ THE MAJOLICAS ARE TOP QUALITY ARTISAN PRODUCTS AND AS SUCH CAN HAVE MICRO-DOTS, CRACKLES AND CHROMATIC IMPERFECTIONS. THESE FEATURES HIGHLIGHT THEIR VALUABLE NATURE. DUE TO THEIR DIFFERENT DILATION COEFFICIENT, THEY PRODUCE CRACKLING, WHICH DEMONSTRATE THEIR EFFECTIVE AUTHENTICITY. TO CLEAN THE MAJOLICAS, IT IS RECOMMENDED TO USE A SOFT, DRY CLOTH. IF A DETERGENT OR LIQUID IS USED, THE LATTER COULD PENETRATE INSIDE THE CRACKLES, HIGHLIGHTING THEM.
- ◆ SINCE THE PRODUCT CAN TURN ON AUTOMATICALLY THANKS TO THE TIMER, OR REMOTELY USING THE DEDICATED APPLICATIONS, IT IS STRICTLY FORBIDDEN TO LEAVE ANY COMBUSTIBLE OBJECT WITHIN THE SAFETY DISTANCES INDICATED ON THE TECHNICAL DATA PLATE.
- ◆ INTERNAL COMBUSTION CHAMBER PARTS CAN BE SUBJECT TO EXTETICAL WARN, IT DOESN'T AFFECT THE FUNCTIONALITY

ROUTINE MAINTENANCE

Based on Decree 22 January 2008 n°37 art.2, routine maintenance means interventions aimed at reducing degradation due to normal use, as well as dealing with accidental events entailing the need of first interventions, which however do not modify the structure of the system upon which one is intervening or its intended use according to the requirements laid down by the technical standards in force and by the manufacturer's use and maintenance manual.

INSTALLATION

GENERAL

The flue gas exhaust and hydraulic connections must be carried out by qualified personnel who must issue installation conformity documentation compliant with national standards.

The installer must provide the owner or person acting for him, according to the legislation in force, with the declaration of conformity, supplied with:

- 1) the use and maintenance manual of the appliance and of the system components (such as for example, the smoke ducts, chimney, etc.);
- 2) photocopy or photograph of the chimney plaque;
- 3) system booklet (where applicable).

The installer must ask to be issued with a receipt stating that the documentation has been provided, and must keep it with a copy of the technical documentation relating to the installation.

For installation in a condominium, prior approval from the condominium's administrator must be requested.

Where required, check the exhaust gas emissions after installation. Should a sampling point be installed, it must be airtight.

COMPATIBILITY

Do not install in rooms with a fire hazard. It is also forbidden to install it in living areas with the following characteristics:

1. where there are liquid fuel appliances with continuous or discontinuous operation that draw the combustion air into the room in which they are installed.
2. where there are type B gas appliances intended for heating, with or without domestic hot water production and in adjacent and communicating rooms.
3. where the depression measured in situ between the external and internal environment is greater than 4 Pa.

N.B.: Watertight appliances can also be installed in the cases indicated in points 1, 2 and 3 of this paragraph.

INSTALLATIONS IN BATHROOMS, BEDROOMS AND STUDIO FLATS

Installation in bathrooms, bedrooms and studio flats is only allowed for sealed or closed hearth appliances with ducted combustion air taken from the outside.

POSITIONING AND SAFETY DISTANCES

The support surfaces and/or points must have a suitable capacity to bear the overall weight of the appliance, accessories and coverings. If the floor is made of a combustible material, we recommend using a non-combustible material to protect the front part from any burnt material which might fall during routine cleaning operations. The generator must be level to function properly. The side walls, the rear walls and the floor support surface should be made of non-combustible material.

MINIMUM DISTANCES

Installation next to flammable or heat-sensitive materials is permitted **only if the special safety distances specified on the label at the beginning of the manual (pag.2) are observed**. If the materials are not flammable, you must keep a side and rear distance of at least 100 mm (without the inserts). For products equipped with rear spacers, wall-mounting installation is permitted exclusively for the rear side.

PREPARATIONS FOR MAINTENANCE

To carry out extraordinary maintenance operations on the product, it may be necessary to move it away from the adjacent walls. This must be done by a technician authorised to disconnect the combustion product evacuation ducts and then reconnect them. For heaters connected to the hydraulic system, the connection between the system itself and the product must be made in such a way that, when an authorised technician is about to carry out extraordinary maintenance operations, it is possible to move the heater at least 1 metre away from the adjacent walls.

INSTALLING INSERTS

When installing inserts, access must be prevented to the internal parts of the appliance and it must not be possible to access live parts during extraction operations.

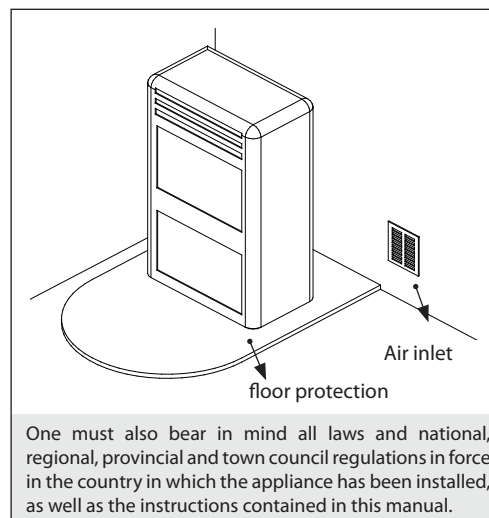
Any wiring, for example the power cable or room probe, must be positioned so as not to be damaged during movement of the insert and must not come into contact with hot parts. If a cavity made of combustible material is installed, we recommend taking all the safety precautions indicated by the installation standards.

VENTILATION AND AERATION OF INSTALLATION ROOMS

In case of non-airtight heater and/or installation, the ventilation must respect the minimum area indicated below (considering the highest value among those provided):

| Appliance categories | Reference standard | Percentage of the net opening section with respect to the appliance fumes outlet section | Minimum net opening value of the ventilation duct |
|----------------------|--------------------|--|---|
| Pellet stoves | UNI EN 14785 | - | 80 cm ² |
| Boilers | UNI EN 303-5 | 50% | 100 cm ² |

Under any condition, including in the presence of extractor hoods and/or of controlled forced ventilation systems, the pressure difference between the generator installation rooms and the outside must always be equal to or less than 4 Pa.



In the presence of type B gas appliances with intermittent operation not intended for heating, they must have their own aeration and/or ventilation opening.

The air inlets must meet the following requirements:

- ♦ they must be protected with grids, metal mesh, etc., but without reducing the net useful section;
- ♦ they must be made so as to make the maintenance operations possible;
- ♦ positioned so that they cannot be obstructed;

The clean and non-contaminated air flow can also be obtained from a room adjacent to that of installation (indirect aeration and ventilation), as long as the flow takes place freely through permanent openings communicating with the outside.

The adjacent room cannot be used as a garage, or to store combustible material or for any other activity with a fire hazard, bathroom, bedroom or common room of the building.

FLUE GAS EXHAUST

The heat generator works in depression and is equipped with an outlet fan for flue gas extraction. There must be a single exhaust system for the generator. Using a flue that is shared with other devices is not allowed.

The components of the flue gas exhaust system must be chosen in relation to the type of appliance to be installed in compliance with:

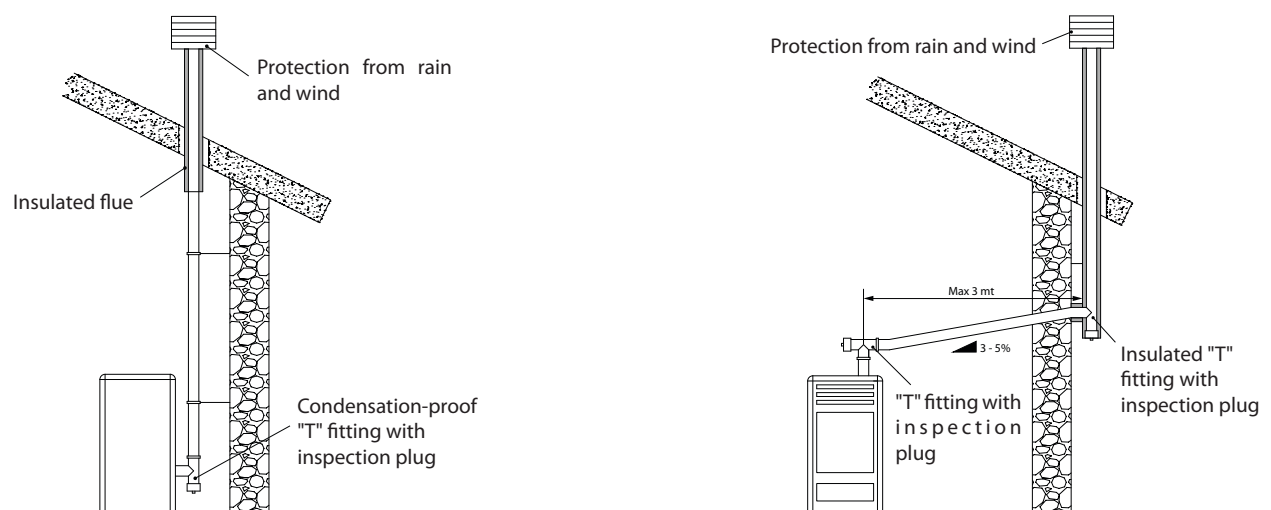
- ♦ UNI/TS 11278 in the event of metal chimneys, with particular attention to that stated in the specification;
- ♦ UNI EN 13063-1 and UNI EN 13063-2, UNI EN 1457, UNI EN 1806 in the event of non-metallic chimneys.
- ♦ The length of the horizontal section must be minimal and, in any case, no longer than 3 metres, with a minimum upward slope of 3%
- ♦ There must not be more than 4 direction changes including the one due to the use of the "T" element.
- ♦ A "T" fitting with a condensation collection cap must be provided at the base of the vertical section.
- ♦ If the exhaust is not inserted in an existing flue, a vertical section with a windproof end piece is required (UNI 10683).
- ♦ The vertical duct can be inside or outside the building. If the smoke duct is inserted in an existing flue, it must be certified for solid fuel.
- ♦ If the smoke duct is outside the building, it must always be insulated.
- ♦ The smoke ducts must have at least one airtight inlet for flue gas sampling.
- ♦ All the sections of the flue gas duct must be accessible to inspection.
- ♦ Inspection openings must be provided for cleaning.
- ♦ If the generator has a fume temperature lower than 160°C+ ambient temperature caused by the high yield (contact technicians) it MUST be resistant to humidity.
- ♦ A flue system that does not respect the previous points or, in general, that does not comply with the regulations, may cause condensation phenomena inside it.

CHIMNEY CAP

The chimney caps must meet the following requirements:

- ♦ they must have a useful outlet section no less than double that of the chimney/ducted system on which it is installed;
- ♦ they must be adapted in order to prevent the penetration of rain and snow in the chimney/ducted system;
- ♦ they must be built so that, in the event of winds coming from all directions and from any angle, the expulsion of combustion products is in any case ensured;

EXAMPLES OF CORRECT CONNECTION TO THE CHIMNEY



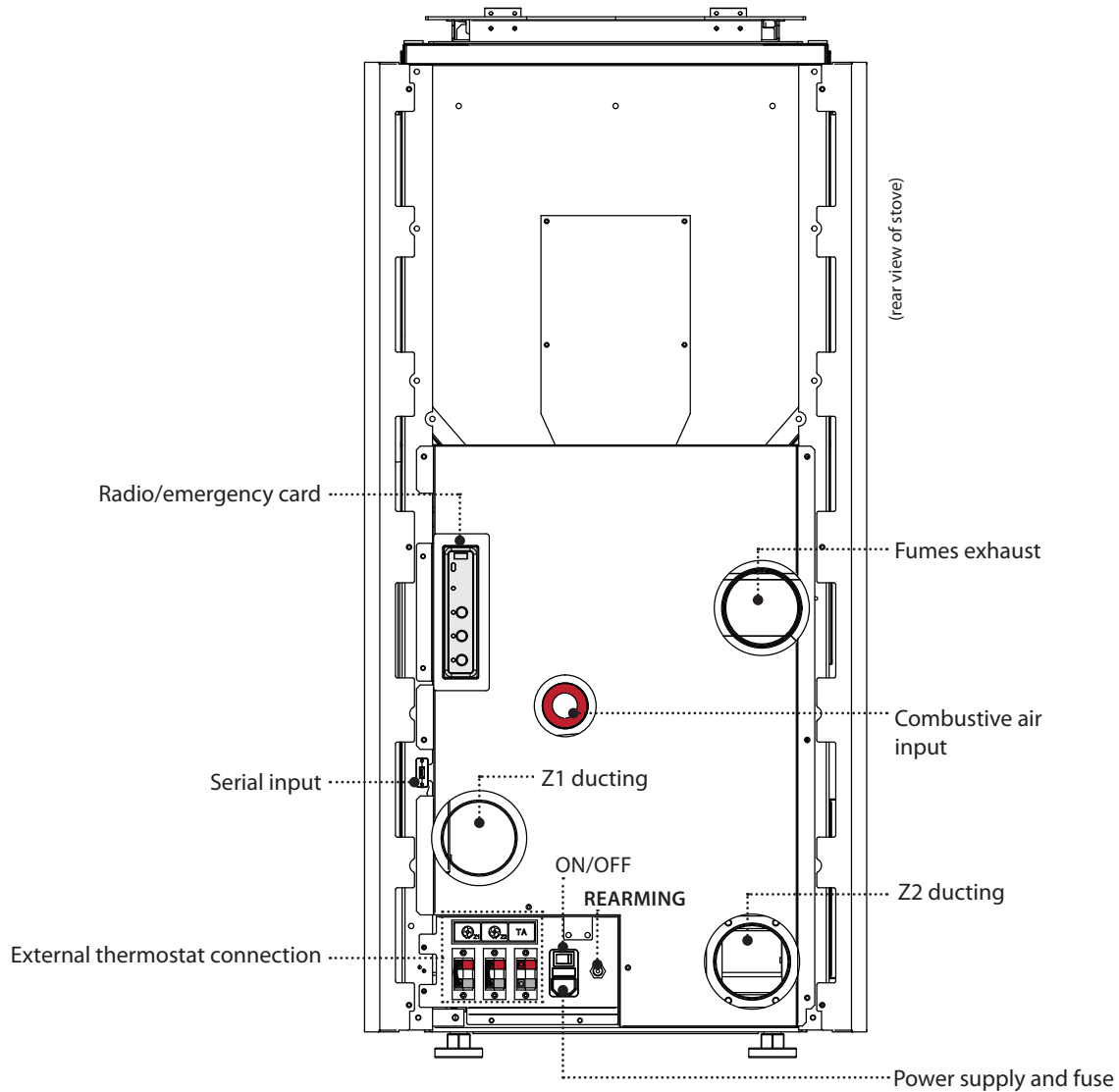
CONNECTION TO THE MAINS ELECTRIC SUPPLY

The generator is supplied with an electric power cable to be plugged into a 230V 50 Hz socket, possibly with a circuit breaker switch. The socket must be easily accessible.

The electrical system must be compliant with standards. The efficiency of the earthing circuit must be checked. Unsuitable earthing of the system can cause malfunctioning for which the manufacturer will not be held liable.

Power supply variations beyond 10% can cause faulty operation of the product.

DETAILS OF ANASTASIA PLUS



RADIO/EMERGENCY CARD

The stove is fitted with an emergency radio card located in the rear part, allowing the basic operation of the stove in the event the PDA is damaged or malfunctions.

The functions that can be managed from the emergency card are:

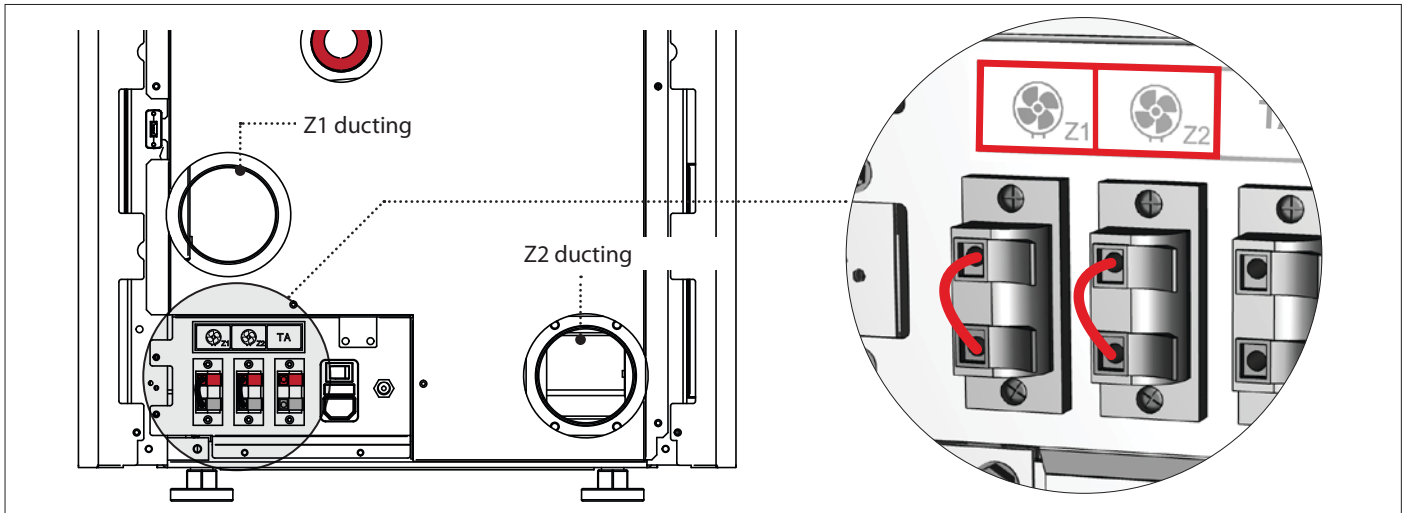
| | | | |
|----------------|----------------|---|------------------------------|
| | | - | - |
| L1: Yellow led | L1: Yellow led | Led off: radio communication not available. Led on: radio communication available. | - |
| L2: Red led | L2: Red led | Led off: normal operation. Led on: alarm present. | - |
| L3: Green led | L3: Green led | LED off: stove off. Led on: stove on. Flashing Led: stove in final cleaning phase, ready or alarm | P1: On/off stove. |
| L4: Yellow led | L4: Yellow led | Led on: Set Power at 5 | P2: 5th power level setting. |
| L5: Yellow led | L5: Yellow led | Led on: Set Power at 1 | P3: 1st power level setting. |

DUCTING FEATURES

The ANASTASIA PLUS model is fitted with two independent ducting outlets.
Ducts Z1 - Z2 are activated by default.

Features:

- ♦ diameter of ducting outlet: 2x80 mm
- ♦ maximum recommended ducting length 8m
- ♦ temperature controlled ducting
- ♦ regulation of air flow speed as a percentage
- ♦ independent ducting that can be activated/deactivated (ON-OFF)



FACTORY DEFAULT DUCTING OPERATION

Ducting Z1 and Z2 are always in request by default (jumpers on Z1 and Z2) and follow the stove settings.

- No settings necessary.

DUCTING OPERATION WITH THERMOSTAT OR SENSOR (OPTIONAL)

The stove is fitted with two independent motors for ducting. The connection of an external thermostat or temperature sensor (NTC 10K) in inputs Z1 and Z2, located in the rear part of the stove, makes it possible to control the ducting motor independently of the stove. Suffice it to connect the thermostat/temperature sensor and set the desired temperature.

For information on ducting settings see chapter: "MENU - AIR DUCTING"

WITH ROOM THERMOSTAT (OPTIONAL)

Remove the jumper on Z1 and attach the room thermostat in the room where you wish to control the temperature through Z1 ducting.

Two operating modes:

| | |
|---|---|
| <p>ENABLING set to ON: Set the TEMPERATURE to OFF.</p> | <ul style="list-style-type: none"> • Until the desired temperature is reached (closed contact) the ducting motor will follow the stove settings. • When the temperature set on the thermostat is reached (open contact), the ducting motor will switch to the 1st speed. |
| <p>ENABLING set to ECO: Set the TEMPERATURE to OFF.</p> | <ul style="list-style-type: none"> • Until the desired temperature is reached (closed contact) the ducting motor will follow the stove settings. • When the temperature set on the thermostat is reached (open contact), the ducting motor will turn off, and then turn on again when required. |
| <p>SAME SETTINGS FOR Z2 DUCTING</p> | |

WITH SENSOR (NTC 10K)

Remove the jumper on Z1 and attach the NTC sensor in the room where you wish to control the temperature through Z1 ducting.

Two operating modes:

| | |
|---|---|
| <p>ENABLING set to "ON": Set TEMPERATURE to the desired temperature (from 07 - 40°C).</p> | <ul style="list-style-type: none"> • Until the desired temperature is reached the ducting motor will follow the stove settings. • When the temperature set in TEMPERATURE has been reached, the ducting motor will switch to the 1st speed. |
| <p>ENABLING on ECO: Set TEMPERATURE to the desired temperature (from 07 - 40°C).</p> | <ul style="list-style-type: none"> • Until the desired temperature is reached the ducting motor will follow the stove settings. • When the temperature set in TEMPERATURE has been reached, the ducting motor will turn off, and then turn on again when required. |
| <p>SAME SETTINGS FOR Z2 DUCTING</p> | |

SUPPLEMENTARY THERMOSTAT TA (OPTIONAL)

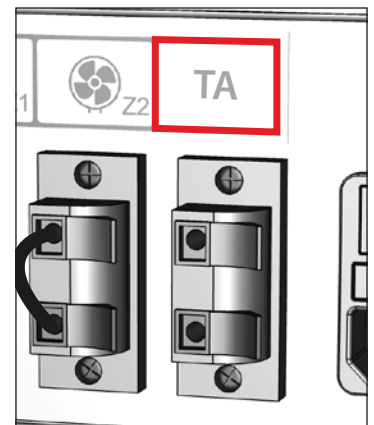
The appliance is able to control the room temperature through a supplementary thermostat (optional). After the stove is turned on (by pressing key 1 or through the chrono mode), it will work to reach the temperature set on the thermostat, displaying **WORK (open contact)**. The room sensor incorporated into the PDA is automatically ignored,

TO INSTALL AND ACTIVATE:

- A mechanical or digital thermostat is required.
- Remove the plug from the socket.
- Refer to the figure on the right, connect the two thermostat wires (clean contact - not 230V!) in the relevant terminals located on the back of the stove, one red and one black.
- Connect the power to the stove again.
- Press the key (✓), and set the temperature to LOW-TA.

The stove is now correctly configured.

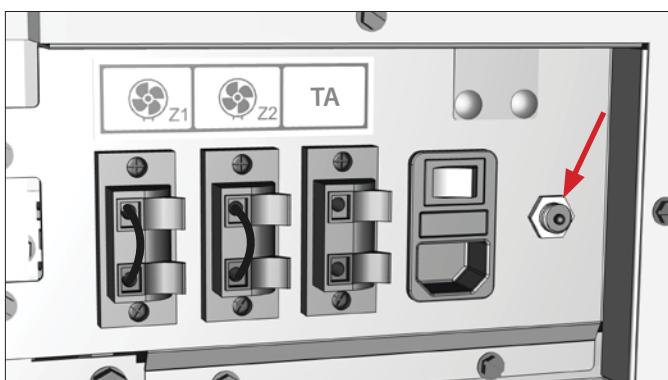
It will work by checking the supplementary external thermostat, based on the TA function (see TA chapter).



INSTALLATION MUST BE PERFORMED BY QUALIFIED STAFF AND/OR THE MANUFACTURER'S AFTER-SALES TECHNICIANS.

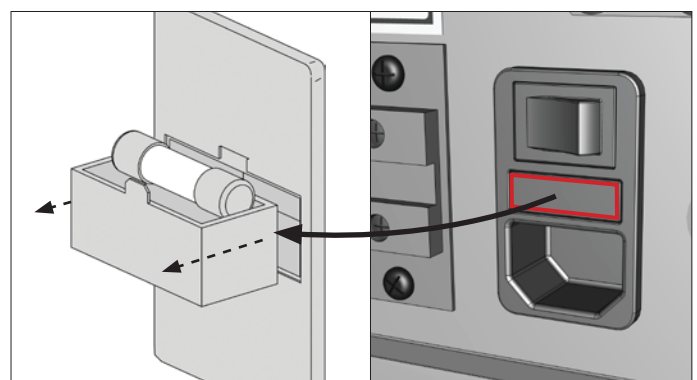
REARMING

A qualified technician should be contacted if the rearm is triggered to verify the cause.



FUSE

If there is no power supply to the stove, check the state of the fuse located in the box between the stove switch and the power cable connection.



PELLETS AND FEEDING

Pellets are made by applying high pressure to sawdust, or wood waste products (not containing paint) from sawmills, carpentry and other activities related to processing and working with wood.

Given that it does not use any glue to hold it together this type of fuel is completely environmentally friendly. In fact the compactness of the pellets over time is guaranteed by a natural substance found in the wood itself: wood coal. In addition to being an environmentally friendly fuel in that it pushes wood residues to the limits pellets also have technical advantages.

While wood has a calorific value of 4.4kWh/kg. (with 15% humidity after around 18 months of seasoning) the calorific value of pellets is 5 kWh/kg.

Pellet density is 650kg/m³ and the water content is equal to 8% of its weight. For this reason they do not require seasoning in order to arrive at a sufficiently adequate degree of heat yield.

The pellets used must comply with the characteristics described by the following standards:

EN PLUS class A1, ISO 17225-2 class A1

and

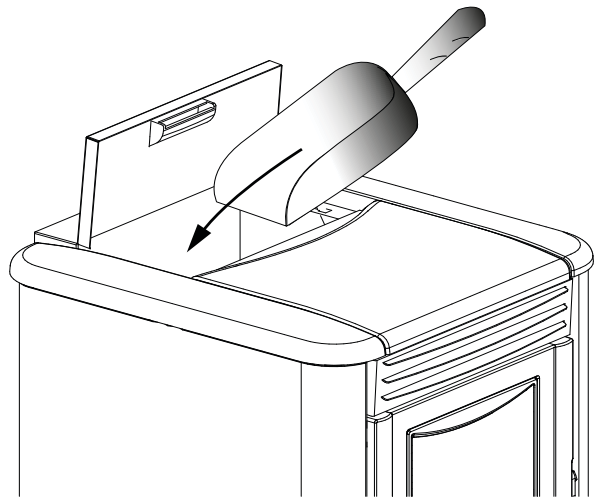
UNI EN 303-5 with the following characteristics: water content \leq 12%, ash content \leq 0.5% and lower calorific value $>$ 17 MJ/kg (in the case of boilers).

The manufacturer always recommended using pellets with a diameter of 6 mm with its products.

PELLET STORAGE

In order to ensure problem-free combustion pellets must be stored in a dry place.

Open the tank lid and load the pellets using a scoop.







THE USE OF EXPIRED PELLETS OR ANY OTHER MATERIAL WILL AFFECT THE FUNCTIONALITY OF YOUR GENERATOR AND MAY LEAD TO THE TERMINATION OF THE WARRANTY AND CESSATION OF ANY ACCOMPANYING RESPONSIBILITY ON THE PART OF THE MANUFACTURER

PDA

CONFIGURATION

PDA CODING PROCEDURE:

1. Unplug the stove.
2. Press the keys  and **OK** at the same time until the **UNIT** selection screen appears.
3. Using the keys  and  select the new **UNIT**.
4. Switch on the stove. Confirm the selected unit within 10 seconds (all LEDs flash on the radio/emergency board) by pressing the OK key on the PDA.
5. All LEDs on the radio/emergency board will remain on for 2 seconds to confirm the new configuration.
6. If the configuration was unsuccessful, the display will read "". In this case, repeat the procedure.



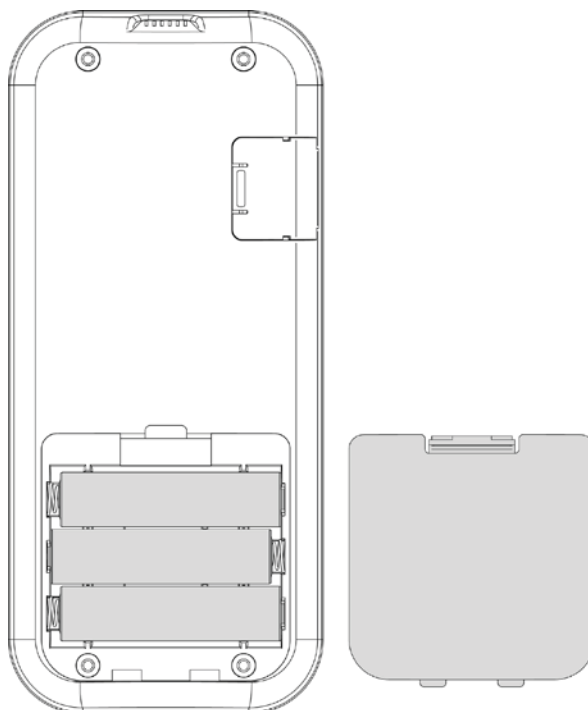
THE PDA IS ALREADY CONFIGURED AS "UNIT 0", IN THE EVENT THERE IS ANOTHER STOVE. TO AVOID INTERFERENCES, A NEW CONFIGURATION MUST BE PERFORMED, MODIFYING ONE OF THE TWO STOVES.



SOME RADIO FREQUENCY DEVICES (E.G. MOBILE PHONES, ETC.) MAY CAUSE INTERFERENCE WITH COMMUNICATION BETWEEN THE PDA AND THE STOVE.

BATTERY TYPE AND REPLACEMENT

To insert/replace the batteries, simply remove the battery protection cover on the back of the PDA (figure 1). Insert the batteries in accordance with the symbols printed on the PDA and on the battery itself. Three AAA batteries are required for the PDA to function.



(figure 1)



Respect the environment!

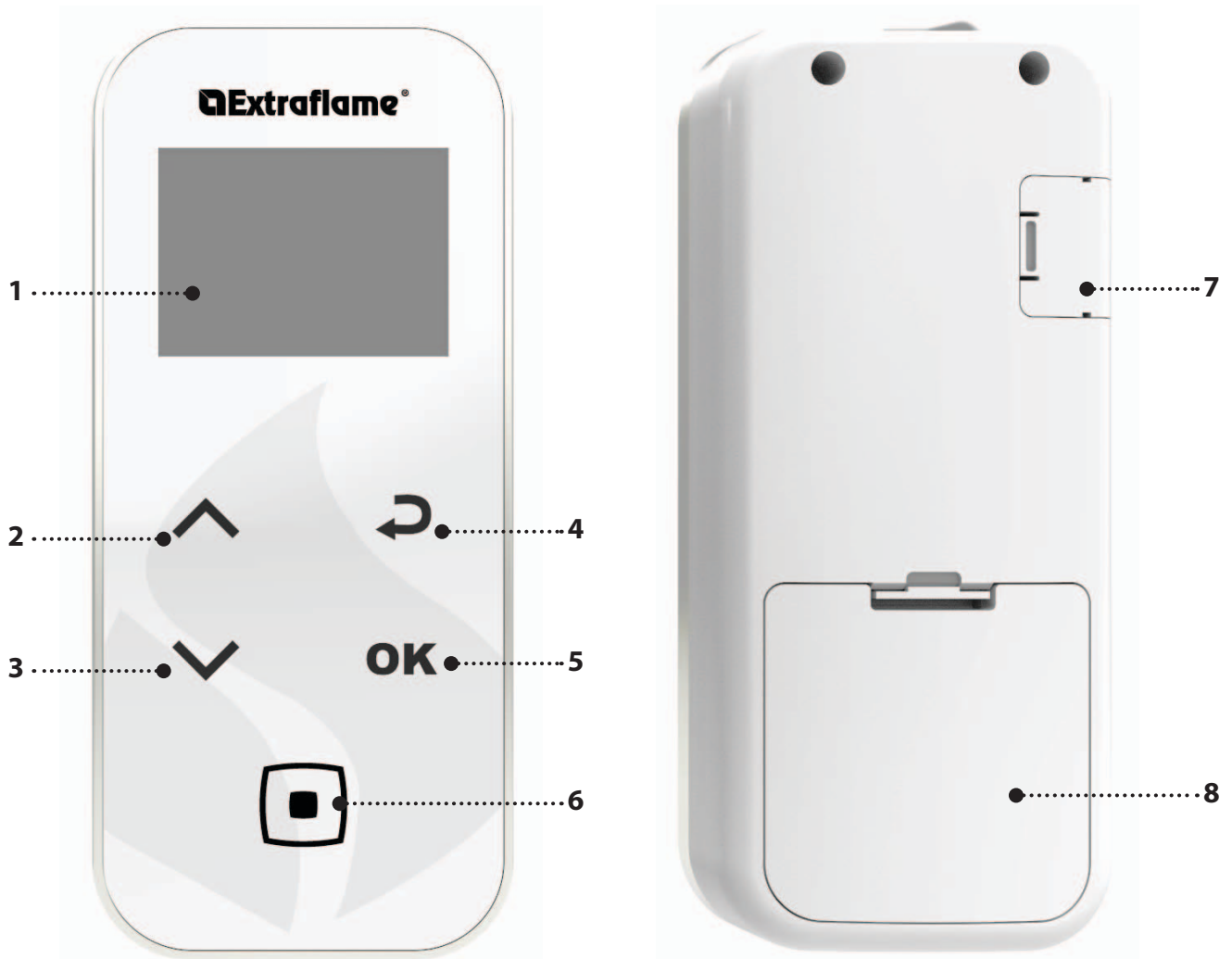
Used batteries contain metals that are harmful to the environment and must, therefore, be disposed of separately in special containers.

PDA FEATURES

The PDA is fitted with an LCD backlit display. The display remains lit for 5 seconds. After a certain period of time, in order to minimise battery consumption, the display turns off (sleep mode). It turns on again after pressing the ON/OFF key (6).

CAUTION!

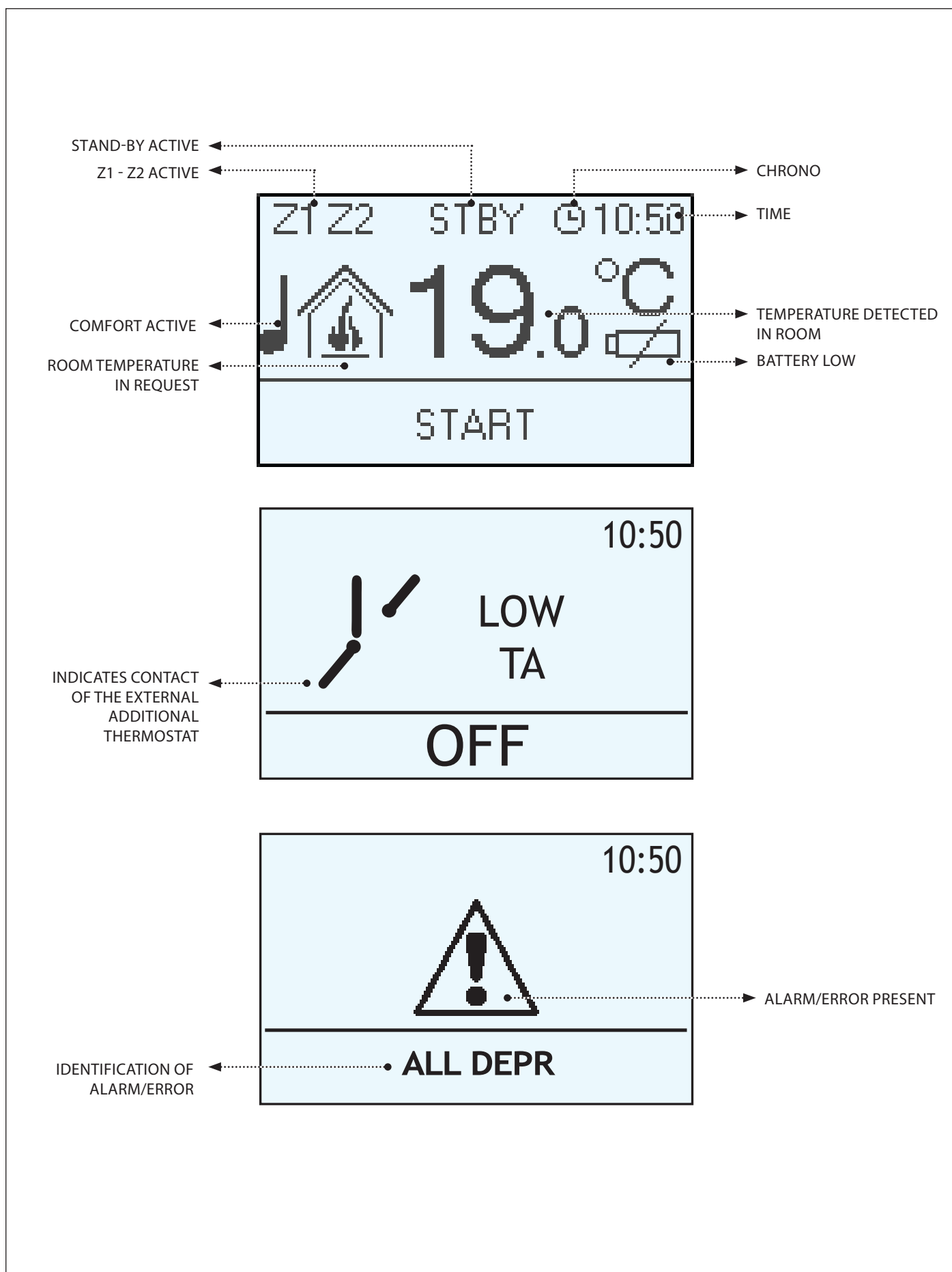
♦ Do not place the PDA in direct or indirect contact with water. The PDA may not work properly in the presence of humidity or if exposed to water.





| | |
|----|--|
| 1. | Display |
| 2. | Set power / scroll across in menus / increase - select a setting |
| 3. | Set room / scroll across in menus / reduce - deselect a setting |
| 4. | Back key |
| 5. | Key to access MENU and CONFIRM |
| 6. | On/off stove or restore from sleep mode. |
| 7. | - |
| 8. | Battery compartment |


| FREQUENCY BANDS | MAXIMUM POWER TRANSMITTED |
|-----------------|---------------------------|
| 868,3 MHz | 4 mW ERP |
| 869,85 MHz | 4 mW ERP |

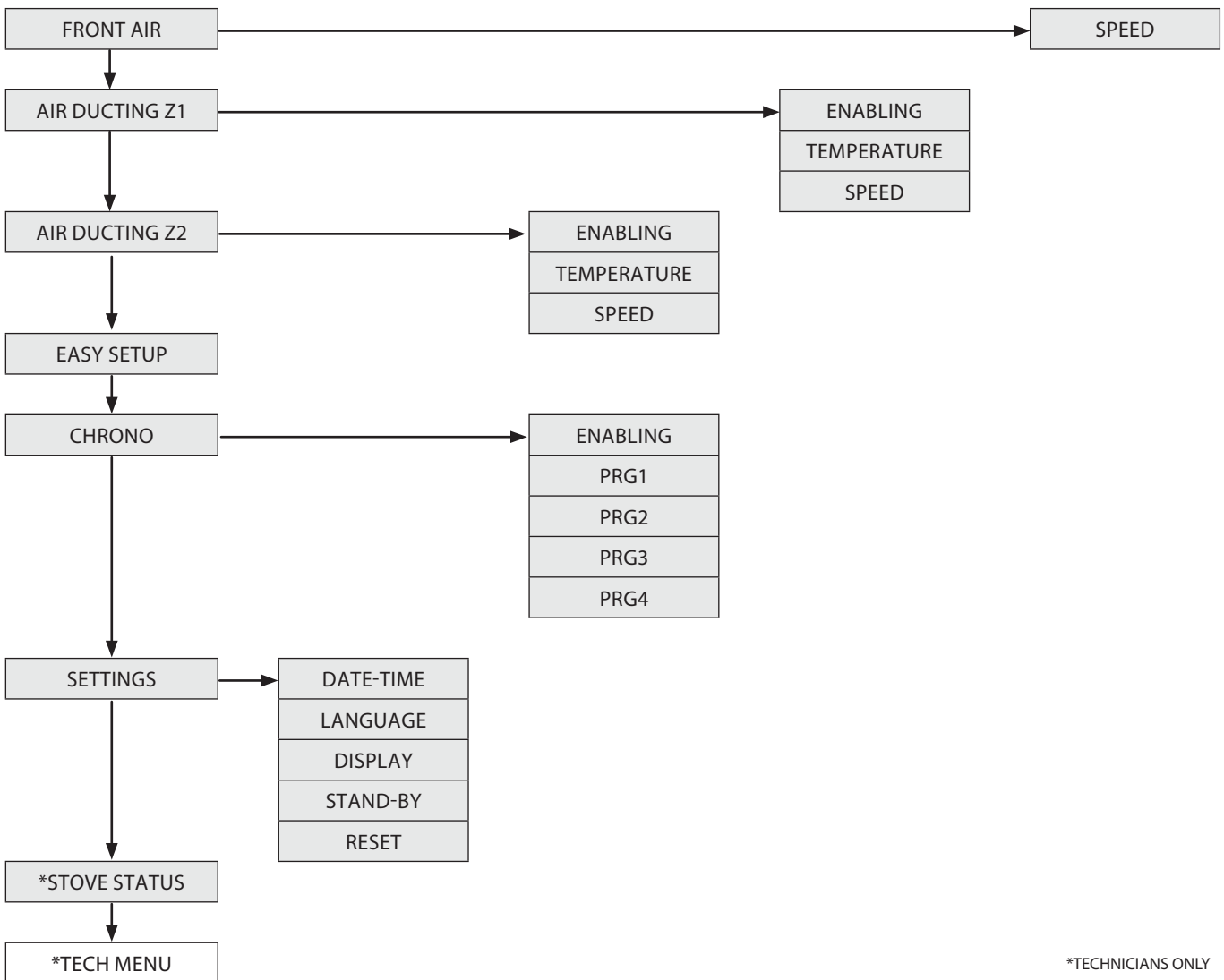
DISPLAY



GENERAL MENU

| KEY | FUNCTION |
|---|--------------------------------------|
|  | Scroll parameters Modify settings |
|  | On - off key |

| KEY | FUNCTION |
|---|-----------------|
|  | Back - exit key |
| OK | Access menu key |



*TECHNICIANS ONLY

GENERAL WARNINGS

Advice to follow for the first start-ups of the product:

During the first hours of operation, there may be some smoke or odours, but they are due to the normal "thermal break-in" process. During this process, the duration of which changes depending on the product, it is recommended to:

- ◆ Ventilate the room well
- ◆ If present, remove any majolica parts from the top of the product
- ◆ Activate the product at the maximum power and temperature
- ◆ Avoid remaining in the room for a long time
- ◆ Do not touch the surfaces of the product

Notes:

The process is completed after a few heating/cooling cycles. Do not use for the combustion of elements or substances other than those indicated in the manual.

Before turning on the product, it is necessary to perform the following checks:

- ◆ If it is intended to be connected to a hydraulic system, it must be complete and fully functional and in compliance with the instructions given in the product manual and with the relevant regulations in force.
- ◆ The pellet hopper must be completely loaded
- ◆ The combustion chamber and the burn pot must be clean
- ◆ Make sure that the fire holder, the ash pan and the pellet hopper close hermetically (if present in the hermetic version); they must be closed and there must be no foreign bodies in the sealing elements and gaskets.
- ◆ Check that the power cord is properly connected
- ◆ The bipolar switch (if present) must be set to position "1".

COMMISSIONING SETTINGS

Once the power cable at the back of the generator has been connected, move the switch, also located on the back, to (I).

The switch at the back of the generator powers the generator board.

The generator remains off and an initial screen appears on the panel, displaying OFF.

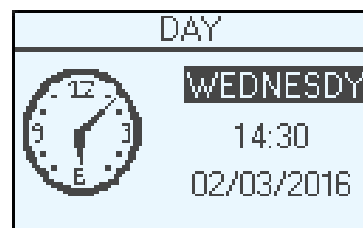
MAINS POWER FREQUENCY 50/ 60HZ

If the generator is installed in a country with a frequency of 60Hz, the generator will display "POWER FREQUENCY ERROR ". In this case, adjust the frequency to 60Hz.

DATE-TIME

This menu allows the date and time to be set.

To set: OK > *SETTINGS* > *DATE-TIME*.

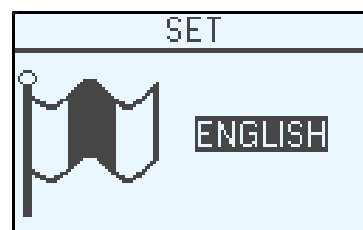


LANGUAGE

This menu allows the preferred language to be selected.

To set: OK > *SETTINGS* > *LANGUAGE*.

The languages available are: Italiano, English, Francais, Deutsch, Espanol.



DO NOT USE ANY TYPE OF FLAMMABLE LIQUIDS FOR IGNITION!
DO NOT ALLOW THE BAG OF PELLETS TO COME INTO CONTACT WITH THE BOILING HOT STOVE DURING THE FILLING PHASE!
IN THE EVENT OF CONTINUED FAILURE TO LIGHT, CONTACT AN AUTHORISED TECHNICIAN.

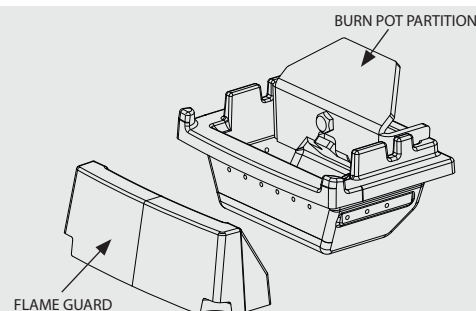


NO IGNITION

THE APPLIANCE MAY FAIL TO LIGHT BECAUSE THE AUGER IS EMPTY AND NOT ALWAYS ABLE TO LOAD THE BURN POT WITH THE NECESSARY QUANTITY OF PELLETS IN TIME TO REGULARLY IGNITE THE FLAME.
IF THE PROBLEM OCCURS AFTER ONLY A FEW MONTHS OF OPERATION, CHECK THAT THE ROUTINE CLEANING DESCRIBED IN THE STOVE BOOKLET HAS BEEN CARRIED OUT CORRECTLY.




IT IS PROHIBITED TO USE THE APPLIANCE WITHOUT THE PARTITION AND/OR FLAME GUARD (SEE FIGURE ON SIDE).
REMOVAL WILL COMPROMISE THE SAFETY OF THE PRODUCT AND RESULT IN THE IMMEDIATE NULLIFICATION OF THE WARRANTY PERIOD. IN THE EVENT OF WEAR OR DETERIORATION, REQUEST THE PART'S REPLACEMENT FROM THE AFTER-SALES SERVICE.
(REPLACEMENT DOES NOT FALL WITHIN THE PRODUCT WARRANTY AS THE PART IS SUBJECT TO WEAR).



OPERATION AND LOGIC

IGNITION

Once the previously listed points have been checked, press key  for three seconds to ignite the stove. 15 minutes are available for the ignition phase. After ignition and after reaching the control temperature, the stove interrupts the ignition phase and switches to PREPARATION.




PREPARATION

During the PREPARATION phase, the stove stabilises combustion, increasing it progressively, to then start ventilation and switch to **WORK**

WORK

During the WORK phase, the stove will function at the set power and work to reach the set room temperature. See next heading.




SET THERMOSTAT

When the  key is pressed, the set temperature is viewed; it can be changed using the keys  or  from **LOW-TA** 07°C a 40°C - **HOT**. The change must be confirmed by pressing the key **OK**.

LOW-TA - HOT

If the temperature is set at "LOW-TA" (set below the limit of 7°C), the stove will always run at minimum, if the contact is closed. If the setting is on "HOT" (set above the limit of 40°C) the stove will not modulate, running only and always at the set power.

SET POWER

The set power has 5 operating levels. When the  key is pressed, the set power is displayed; it can be changed using the  or  keys.

Power 1 = minimum level - Power 5 = maximum level.

The change must be confirmed by pressing the **OK** key.

WORKING WITH ROOM SENSOR (STANDARD)

The appliance monitors the room temperature using a sensor incorporated into the PDA.

Once the set temperature has been reached, it will automatically switch to the minimum power level or turn off, activating the **STAND-BY**, function, reducing pellet consumption to a minimum.

By factory default, the **STBY** function is always set to **OFF**.

For information on its activation and logic, follow the instructions on the next page, chapter: **STAND-BY**.

BURN POT CLEANING

During the working phase, the stove has an internal timer, which after a pre-set period of time cleans the burn pot.

This phase is shown on the display and increases the flue gas exhaust motor for a programmed period of time.

When the cleaning phase has finished, the stove will continue in **WORK** phase.

SWITCH-OFF

Press the  key for three seconds.

Once this operation has been performed, the appliance automatically enters the switch-off phase, blocking the supply of pellets.

The hot air flow motor will remain on until the stove temperature has dropped below the factory parameters.

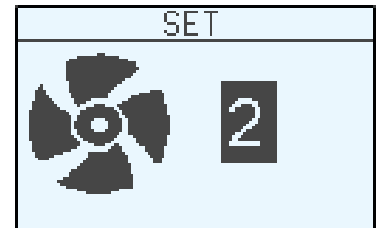
COOLING STAND BY

- THE STOVE CAN BE RE-IGNITED ONLY IF THE FLUE GAS TEMPERATURE HAS LOWERED, AND IF THE PRE-SET TIMER HAS BEEN RESET.

FRONT AIR

The menu allows you to adjust the speed (-2, -1, 0, +1, +2) of the front fan.

To adjust the speed : *OK > FRONT AIR > SPEED*



AIR DUCTING Z1-Z2

The menu allows the stove's ducting Z1 and Z2 to be controlled. For details on how ducting works, see chapter: "Ducting operation with thermostat or sensor (optional)"

| | | | |
|--------------------------|-------------|----------------|----------------------------------|
| AIR DUCTING x (Z1-Z2) | ENABLING | ON/OFF/ECO | Select Zx ducting operation mode |
| | TEMPERATURE | OFF- 07 - 40°C | Enable/set Zx zone temperature |
| | SPEED | -2 to +2 | Regulation of Zx air flow speed |

ENABLING

This setting makes it possible to select the Zx ducting motor working mode.

- ♦ **OFF:** The ducting is always disabled.
- ♦ **ON:** The ducting is active and when the temperature is reached, the ducting motor will switch to the 1st speed.
- ♦ **ECO:** The ducting is active and when the temperature is reached, the ducting motor will switch off.

TEMPERATURE

This setting allows configuration for the use of a room thermostat or room Sensor (NTC 10K) to control the temperature of environment Zx.

- ♦ **OFF:** configured for use with room thermostat.
- ♦ **07-40°C:** configured for use with a room sensor, with the possibility to adjust the desired temperature.

SPEED

Allows you to adjust the speed in % of the ducted Zx

EASY SETUP

The volumetric weight of the pellet is the ratio between the weight and the volume of the pellet. This ratio may change while keeping the quality of the pellet unchanged. By using the **EASY SETUP** function, it is possible to change the calibration of the volumetric weight by increasing or decreasing the pre-set values.

In the stove program, the available values go from " - 3" to "+ 3"; all stoves are calibrated during production with the optimal value which is 0

If you notice an excessive deposit on the burning pot, access the **EASY SETUP** program and lower the value of one unit to “- 1”; then wait until the next day and if there is no improvement, decrease again, to a maximum of “- 3”. Instead, if it is necessary to increase the calibration of the volumetric weight of the pellet, go from the factory value “0” to “+ 1, + 2, + 3” as required.

To set: *OK* > **EASY SETUP**

| EXCESSIVE PELLETT DEPOSIT IN THE BURNING POT | | | NORMAL OPERATION | MINIMUM PELLETT DEPOSIT IN THE BURNING POT | | |
|--|--|---------------------------------------|-----------------------|--|--|--|
| -3 | -2 | -1 | 0 | +1 | +2 | +3 |
| THIRD DECREASE RANGE IF THE FIRST TWO ARE NOT ENOUGH | SECOND DECREASE RANGE IF THE FIRST IS NOT ENOUGH | FIRST DECREASE RANGE (TEST FOR 1 DAY) | OPTIMAL FACTORY VALUE | FIRST INCREASE RANGE | SECOND INCREASE RANGE IF THE FIRST IS NOT ENOUGH | THIRD INCREASE RANGE IF THE FIRST TWO ARE NOT ENOUGH |

N.B.: If this calibration does not solve the pellet deposit in the burn pot, please contact your local after-sales centre.

CHRONO

This function allows the stove's ignition and switch-off to be automatically programmed.

The factory setting for **CHRONO** is off.

The chrono allows the programming of 4 time slots within a day, which can be used every day of the week.

Ignition and switch-off times can be set for each time slot, along with the specific days of application for the programmed time slot and the desired temperature.

Current day and time settings are essential for the correct operation of the Chrono.

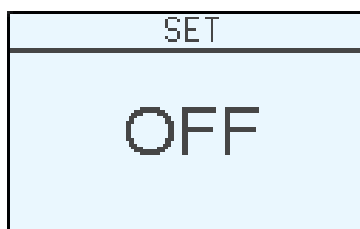
Recommendations

Before using the chrono function, you must set the current day and time, so check that you have followed the points listed in the sub-chapter “DATE-TIME”. To use the chrono function correctly, you must activate it as well as program it.

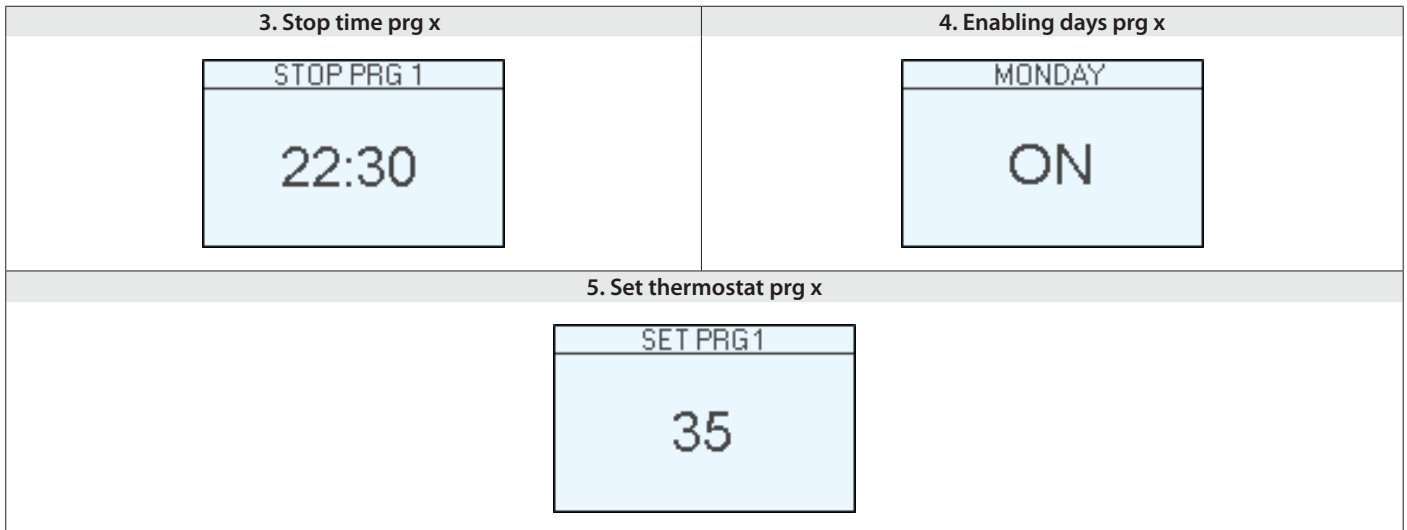
ENABLING

Allows the chrono and the different stove time slots to be enabled/disabled.

To set: *OK* > **CHRONO** > **ENABLING**.



| 1. Enable prg x | 2. Start time prg x |
|--|--|
| <p>A screenshot of a digital display showing "ENABLE PRG1" at the top and "OFF" in the center.</p> | <p>A screenshot of a digital display showing "START PRG 1" at the top and "10:00" in the center.</p> |



| | | | | | |
|---------------|---|---------------------|--|---------------------------------|---|
| CHRONO | > | ENABLING | <i>Enables/disables all the set chrono</i> | | |
| | | v | | | |
| PRG1 | > | ENABLE PRG 1 | <i>On/off</i> | <i>Enabling/disabling PRG 1</i> | |
| | | v | START PRG1 | <i>OFF-00:00-23:50</i> | <i>PRG1 start time</i> |
| | | v | STOP PRG1 | <i>OFF-00:00-23:50</i> | <i>PRG1 stop time</i> |
| | | v | MONDAY...SUNDAY | <i>On/off</i> | <i>Enabling/disabling days for PRG1</i> |
| | | v | SET PRG1 | <i>LOW-TA - 07- 40 °C - HOT</i> | <i>Set thermostat PRG1</i> |
| | | v | | | |
| PRG2 | > | ENABLE PRG 2 | <i>On/off</i> | <i>Enabling/disabling PRG 2</i> | |
| | | v | START PRG2 | <i>OFF-00:00-23:50</i> | <i>PRG2 start time</i> |
| | | v | STOP PRG2 | <i>OFF-00:00-23:50</i> | <i>PRG2 stop time</i> |
| | | v | MONDAY...SUNDAY | <i>On/off</i> | <i>Enabling/disabling days for PRG2</i> |
| | | v | SET PRG2 | <i>LOW-TA - 07- 40 °C - HOT</i> | <i>Set thermostat PRG2</i> |
| | | v | | | |
| PRG3 | > | ENABLE PRG 3 | <i>On/off</i> | <i>Enabling/disabling PRG 3</i> | |
| | | v | START PRG3 | <i>OFF-00:00-23:50</i> | <i>PRG13 start time</i> |
| | | v | STOP PRG3 | <i>OFF-00:00-23:50</i> | <i>PRG3 stop time</i> |
| | | v | MONDAY...SUNDAY | <i>On/off</i> | <i>Enabling/disabling days for PRG3</i> |
| | | v | SET PRG3 | <i>LOW-TA - 07- 40 °C - HOT</i> | <i>Set thermostat PRG3</i> |
| | | v | | | |
| PRG4 | > | ENABLE PRG 4 | <i>On/off</i> | <i>Enabling/disabling PRG 4</i> | |
| | | v | START PRG4 | <i>OFF-00:00-23:50</i> | <i>PRG4 start time</i> |
| | | v | STOP PRG4 | <i>OFF-00:00-23:50</i> | <i>PRG4 stop time</i> |
| | | v | MONDAY...SUNDAY | <i>On/off</i> | <i>Enabling/disabling days for PRG4</i> |
| | | v | SET PRG4 | <i>LOW-TA - 07- 40 °C - HOT</i> | <i>Set thermostat PRG4</i> |



WHEN THE CHRONO IS ACTIVE, THE RELATIVE ICON WILL BE SHOWN ON THE PDA DISPLAY.



SETTINGS

- ◆ DATE-TIME
- ◆ LANGUAGE

SEE CHAPTER: COMMISSIONING SETTINGS.

DISPLAY

The "DISPLAY" menu allows:



- ◆ Regulation of DISPLAY contrast



- ◆ Activation/Deactivation of backlight.



- ◆ Enabling/disabling of acoustic signal.

- STAND-BY ◆ Setting of the timer to turn off the Display backlight.

- RESET ◆ Setting of the timer to turn off the Display (sleep mode).

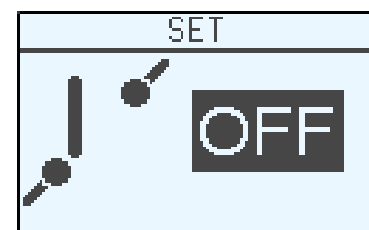
| DISPLAY | |
|----------|-------|
| | 25 |
| | ON |
| | ON |
| STAND-BY | 4sec |
| RESET | 20sec |

To set: OK > SETTINGS > DISPLAY.

STAND-BY

The STAND-BY function is used if the stove needs to be turned off immediately instead of a power modulation.

To set: OK > SETTINGS > STAND-BY.



STAND - BY WITH DIGITAL THERMOSTAT (STANDARD)

STAND-BY FUNCTION SET TO ON

When the STAND-BY function is active (ON), if the room temperature exceeds the SET THERMOSTAT value + DELTA T OFF, the stove will switch off after a pre-set (default) delay period, displaying STAND-BY.

When the room temperature is lower than the SET THERMOSTAT - DELTA T ON, the stove cools down, if necessary, and then switches off.

STAND-BY FUNCTION SET TO OFF (FACTORY SETTINGS)

When the STAND-BY function is not activated (OFF), if the stove reaches the set room temperature, it switches to the minimum power level, modulating and displaying modulation on the screen. When the room temperature is lower than the SET THERMOSTAT the stove will restart at the set power and work will be displayed on the screen.

OPERATION WITH SUPPLEMENTARY THERMOSTAT (OPTIONAL)

STAND-BY FUNCTION SET TO OFF (FACTORY SETTING)

If the STAND-BY function is not activated (OFF), if the stove reaches the room temperature set on the supplementary thermostat (closed contact), it will switch to the minimum power level and display MODULATION. When the room temperature is lower than the set value on the supplementary thermostat (open contact), the stove will restart at the set power, and WORK will be displayed on the screen.

STAND-BY FUNCTION SET TO ON

If the STAND-BY function is activated (ON), when the room temperature set on the supplementary thermostat is reached (closed contact), the stove will switch off after a pre-set (default) delay period, and STAND-BY will be displayed on the screen.

When the room temperature is lower than the supplementary thermostat (open contact), the stove cools down, if necessary, and then re-ignites.

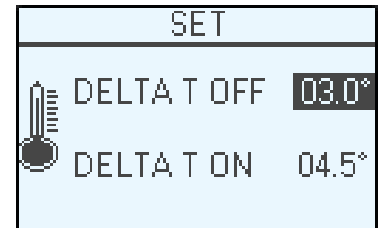


FOR CORRECT OPERATION, SET THE THERMOSTAT TO LOW-TA
> SEE THE INSTALLATION CHAPTER SUPPLEMENTARY THERMOSTAT

DELTA T

This function allows to set the hysteresis for the shut-down of the stove *DELTA T OFF* (set temperature + hysteresis Delta T OFF) and to turn the stove back on (set temperature - hysteresis Delta T ON), if it is not managed by an external thermostat.
The range for **Delta T ON** is: 0.5 - 5°C for **Delta T OFF** it is: 0.5 - 6°C

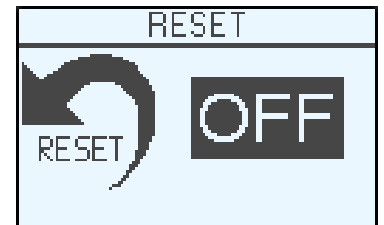
To set: *OK > SETTINGS > DELTA T*



RESET

Allows the user to reset all modifiable values to the default values.




To set: *OK > SETTINGS > RESET.*

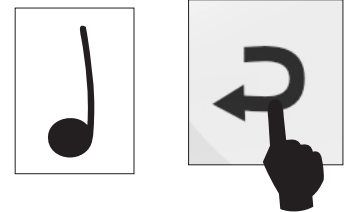


ADDITIONAL FUNCTIONS

COMFORT

This mode reduces the air flow speed, favouring the silent operation of the stove.


- To enable, press the  key until the icon  appears on the screen.
- To disable, press the  key until the icon disappears from the screen.



ONCE THE COMFORT FUNCTION  IS ENABLED, THE STOVE WILL ALWAYS USE THE REDUCED FRONT AIR FLOW. Z1 AND Z2 AIR DUCTING WILL REMAIN INDEPENDENT.

SUPPLEMENTARY THERMOSTAT INSTALLATION (OPTIONAL)

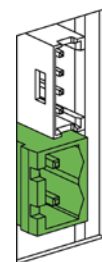
The stove can control the room temperature through a supplementary thermostat (optional).

After the stove is turned on (by pressing key  or through the chrono mode), it will work to reach the temperature set on the thermostat, displaying WORK (open contact). The standard room sensor is by-passed automatically.

When the thermostat temperature has been reached (closed contact), the stove switches to minimum power level and displays MODULATION ON THE SCREEN.

CONTROLS PROCEDURE

- A mechanical or digital thermostat is necessary with a “normally open” inlet.
- Remove the plug from the socket.
- Refer to the figure on the right, connect the two thermostat wires (clean contact - not 220V!).
- Connect the power to the stove again.
- Press key 3 until the SET THERMOSTAT is on LOW-TA.



INSTALLATION MUST BE PERFORMED BY QUALIFIED STAFF AND/OR THE MANUFACTURER'S AFTER-SALES TECHNICIANS.

CLEANING AND MAINTENANCE

ALWAYS FOLLOW THE INSTRUCTIONS IN MAXIMUM SAFETY CONDITIONS!

- ♦ Make sure the power cable is unplugged since the generator could be programmed to start.
- ♦ That the generator is cold in its entirety.
- ♦ The ashes are completely cold.
- ♦ Ensure an effective exchange of air in the room during the cleaning of the product.
- ♦ A poor cleaning is detrimental to the proper functioning and safety!

MAINTENANCE

For correct operation, the generator must undergo routine maintenance by a **qualified technician** at least once a year.

The routine checks and maintenance operations must always be performed by **qualified** trained technicians in accordance with the applicable regulations in force and with the instructions provided in this use and maintenance manual.



**EVERY YEAR MAKE THE EXHAUST FUMES, SMOKE DUCTS AND "T"-FITTINGS, INCLUDING CAPS AND INSPECTION DOORS BE CLEANED - IF ANY CURVES AND ANY HORIZONTAL SECTIONS!
THE CLEANING OF THE GENERATOR FREQUENCY IS APPROXIMATE! THEY DEPEND ON THE QUALITY OF THE PELLETS USED AND THE FREQUENCY OF USE.
IT CAN HAPPEN THAT THESE OPERATIONS SHOULD BE PERFORMED MORE FREQUENTLY.**

CLEANING AND MAINTENANCE BY THE USER

Routine cleaning operations, as specified in this use and maintenance manual, must be performed with the utmost care according to the instructions, procedures and frequency intervals described in this use and maintenance manual

CLEANING THE SURFACES AND COVERING

Never use abrasive or chemically aggressive detergents for cleaning!

The surface cleaning must take place when both the generator and the coating are completely cold. For the maintenance of surfaces and metal parts, simply use a damp cloth with water or mild soap and water.

Failure to observe the instructions may damage the surface of the generator and invalidate the warranty.

CLEANING THE CERAMIC GLASS

Never use abrasive or chemically aggressive detergents for cleaning!

The cleaning of the ceramic glass is allowed only when the latter is completely cold.

To clean the ceramic glazing, simply use a dry brush and some damp newspaper dabbed in the ash. If the glazing is very dirty, only use a specific ceramic glazing detergent. Spray a modest amount onto a cloth and wipe the ceramic glazing.

Do not spray cleaner or any other liquid directly on the glass or on the gaskets.

Failure to observe the instructions may damage the surface of the ceramic glass and invalidate the warranty.

CLEANING THE TANK PELLETS

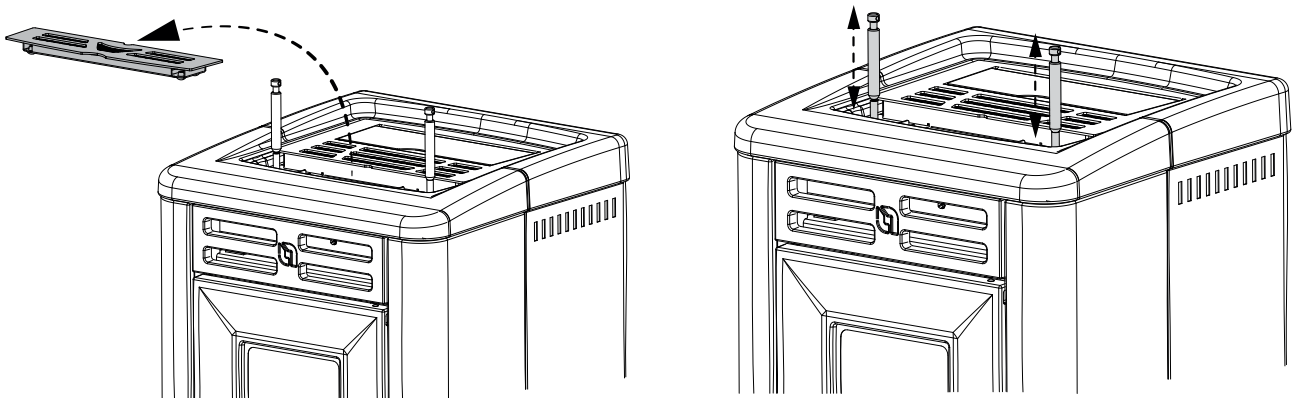
When the tank empties completely, unplug the power cord from the generator and remove residues (dust, chips, etc..) from the tank empty, before filling it.

DAILY

SCRAPERS:

Use the scrapers, moving upwards (for models with upper scrapers) or pulling and pushing them (for the inserts and models with front scrapers).

Please note: scrapers are preferably used when the stove is cold; if used when the stove is hot, it is recommended to use special gloves to protect against the heat as they can get very hot.



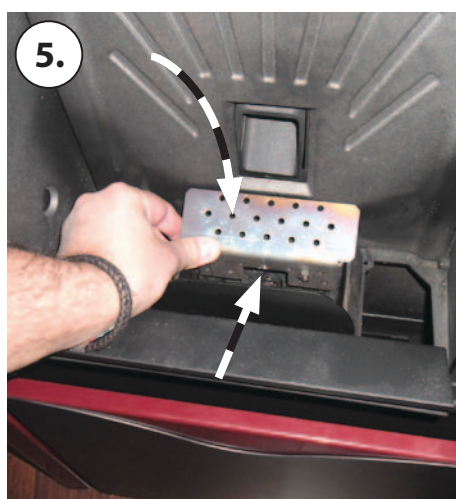
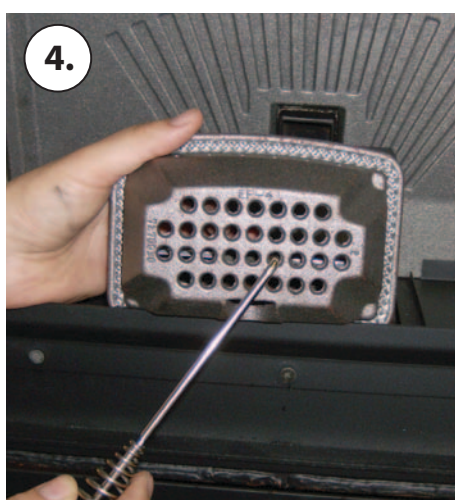
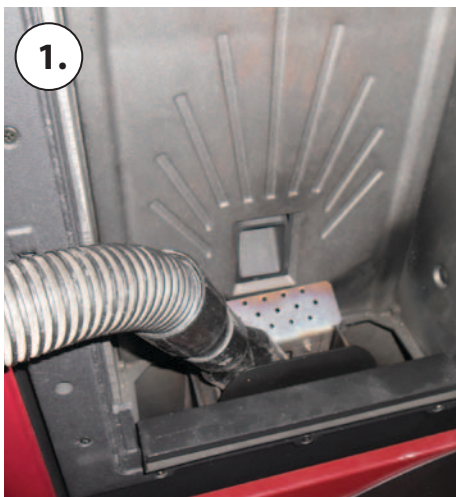
Open the door - Clean the glass with a damp cloth

Never spray the detergent or any other liquid used for cleaning directly on the ceramic glass

CLEANING THE BURN POT AND COMBUSTION CHAMBER

1. Vacuum the residues in the burn pot
2. Take out the burn pot from the designated compartment;
3. Vacuum the ash from the burn pot's seat and the combustion chamber (3.1)
4. Use the special poker supplied to clear the holes in the burn pot.
5. Place back the burn pot and push it towards the hearth wall.
6. If there is an ash collector tray, vacuum the ash deposits

PLEASE NOTE: USE A SUITABLE VACUUM CLEANER WITH A SPECIAL CONTAINER TO SEPARATE THE COLLECTED ASH.



EVERY 3/4 DAYS - WEEKLY

ASH DRAWER

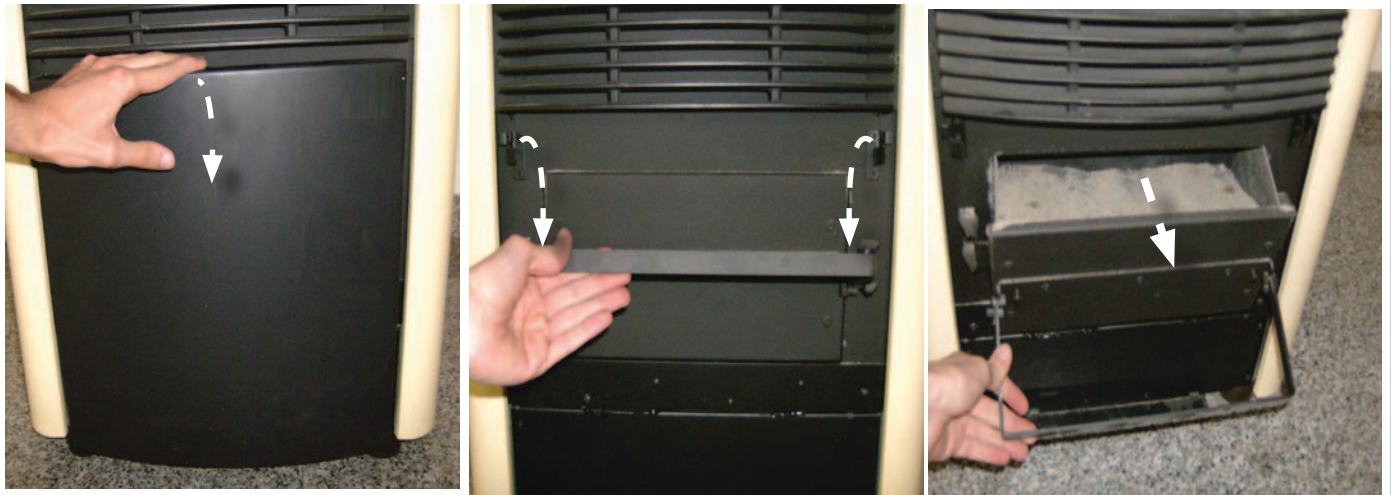
Every 3-4 days check the ash drawer and empty it at least one/twice a week.

If there is a lower door, open/remove it.

Take out the removable ash drawer and empty it in a special container.

Vacuum the area underneath the removable ash drawer. Once you have cleaned it, place back the removable drawer and close/place back the external door.

In some stoves the ash collector tray is located in the combustion chamber. In this case, just open the door and vacuum the ash from the tray.



MONTHLY

CLEANING THE HEAT EXCHANGER:

The heat exchangers chamber must be cleaned every month as the soot deposited on the rear of the hearth wall obstructs the regular flow of fumes, thereby affecting the performance and regular operation of the stove.

Open the door to access the combustion chamber. Take out the burn pot.

Remove or rotate, depending on the model, the upper lockbolt (A) the screws (B) or the wall lock (C) of the hearth wall (D), take out the hearth wall (E) and clean with the poker and a suitable vacuum cleaner (F).

When cleaning has been completed, reposition the removable hearth wall (D) and secure it again with the designated screws by turning the lockbolt in the opposite direction in relation to the one used to remove it or by placing back the hearth wall lock.

Place back the burn pot.



* on applicable models

ROUTINE MAINTENANCE CARRIED OUT BY AUTHORISED TECHNICIANS

Routine maintenance must be performed at least once a year.

As the generator uses pellets as solid fuel, it needs an annual routine maintenance interval that needs to be performed by an **authorised Technician by only using original spare parts.**

Failure to do so can affect the appliance's safety and you may no longer be entitled to the warranty conditions.

By following the cleaning schedule reserved to the user and reported in the user and maintenance manual, one ensures correct combustion in the generator over time, thereby preventing any anomalies and/or malfunctions that may require more work to be performed by the technician. Requests for routine maintenance are not covered by the product's warranty.

DOOR, ASH DRAWER AND BURN POT GASKETS

The gaskets ensure the tightness of the stove and its consequent proper operation.

They must be checked periodically: in the event they are worn or damaged they must be replaced immediately.

These operations must be carried out by a qualified technician.

CONNECTION TO THE FLUE

Vacuum and clean the pipe that leads to the flue yearly or whenever necessary. If there are horizontal sections, any residue must be removed before it obstructs the flue.

PUTTING THE EQUIPMENT OUT OF SERVICE (END OF THE SEASON)

At the end of every season, before turning off the stove, we recommend completely emptying the pellet tank and using a vacuum cleaner to clear up any pellets and dust residue inside it.

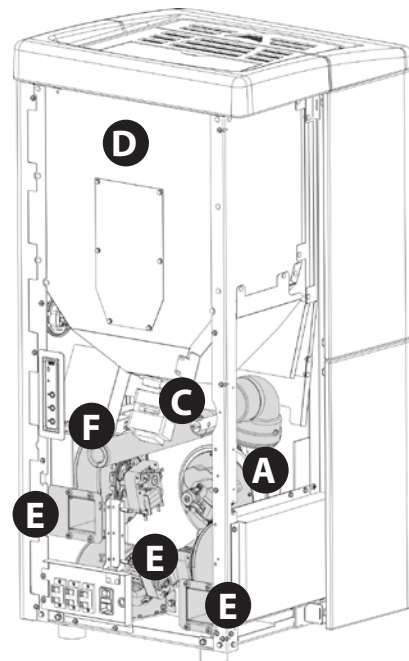
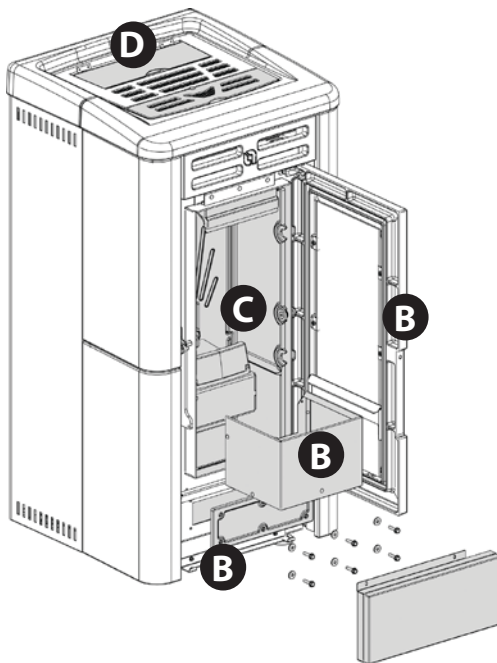
You should also disconnect the generator from the mains and, to ensure greater safety especially if there are any children around, remove the power supply cable.

Routine maintenance must be performed at least once a year.

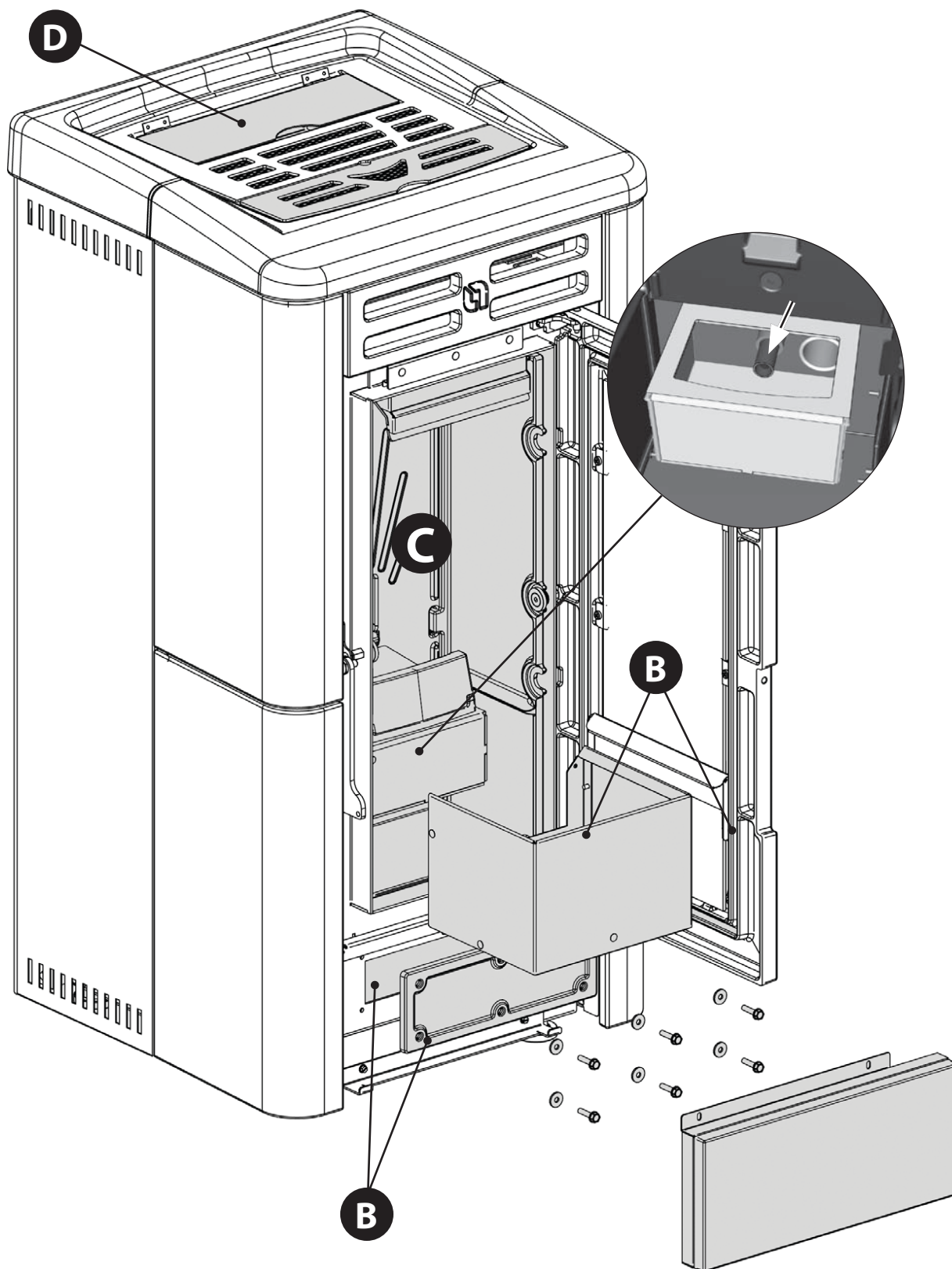


IF THE POWER SUPPLY CABLE IS DAMAGED, IT MUST BE REPLACED BY THE AFTER-SALES SERVICE OR BY A SIMILARLY QUALIFIED PERSON, SO AS TO AVOID ALL RISKS.

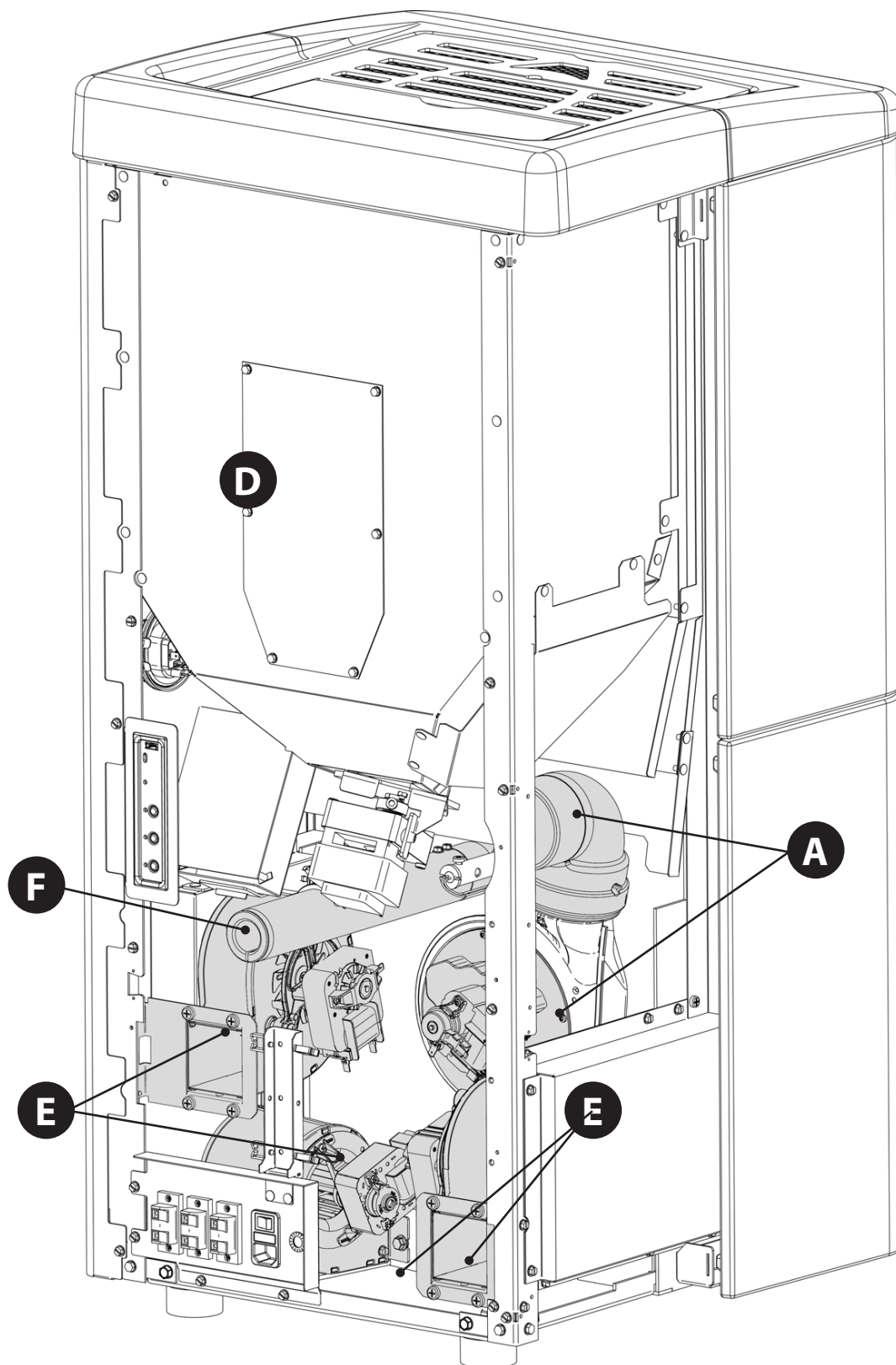
The images are for illustration purposes



| | |
|----------|--|
| A | Fumes motor (disassembly and cleaning and fumes pipe), new silicone in required points |
| B | Inspection of gaskets, ash drawer and burn pot door (replace them and apply silicone where required) |
| C | Combustion chamber (total cleaning of the entire chamber) and ignition plug pipe cleaning |
| D | Tank (complete emptying and cleaning) |
| E | Room air fan disassembly and removal of dust and any pellet debris |
| F | Air intake pipe inspection and any flow sensor cleaning |






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| DISPLAYS | |
|---------------------------|--|
| DISPLAY | REASON |
| OFF | Generator off |
| START | The start-up phase is in progress |
| PELLET LOADING | Continuous pellet feeding is in progress during the ignition phase |
| IGNITION | The ignition phase is in progress |
| PREPARATION | The preparation phase is in progress |
| WORK | The normal work phase is in progress |
| MODULATION | The generator is working at minimum |
| FINAL CLEANING | The final cleaning is in progress |
| STAND-BY | Generator off waiting for re-ignition due to the external thermostat. |
| COOLING STAND BY | A new ignition is attempted when the generator has just been switched off. When the generator switches off, you must wait for the complete shutdown of the fumes motor, then clean the burn pot. The generator can only be re-ignited when these operations have been performed. |
| BLACK OUT STAND BY | The generator is cooling after a power cut. Once cooling is completed, it will re-start automatically |
| BURN POT CLEANING | Automatic burn pot cleaning is in progress |
| SERVICE | When this message is displayed, contact the authorised technician for routine maintenance of the appliance. If the cleaning is not performed, the message will appear at every start-up but without interrupting the normal operation of the stove. |

ALARMS

| DISPLAY | EXPLANATION | SOLUTION |
|---|--|--|
|  | Indicates the presence of an alarm. | On: indicates the presence of an alarm. The alarm can only be reset if the fumes motor has stopped and 15 minutes have passed since the alarm was displayed, by pressing key  for 3 seconds. |
| FUMES MOTOR FAULT | Fumes motor fault | Contact after-sales centre |
| FUMES PROBE | Fumes probe fault. | Contact after-sales centre |
| HOT FUMES | High fumes temperature | Check pellet feed (see "Easy setup"), if the problem cannot be solved, contact an authorised technician. |
| NO IGNITION | The pellet hopper is empty. Pellet feed calibration inadequate. Thermostat bulbs tripped. | Check for the presence of pellets in the hopper. Adjust the pellet flow (see "Easy setup"). Check the procedures described in the "Ignition" chapter. Check the thermostats with bulbs (see chapter on Rearming) |
| NO FLAME | The pellet hopper is empty. No pellet feed. The gearmotor does not feed pellets. | Check for the presence of pellets in the hopper. Adjust the pellet flow (see "Easy setup"). |
| DEPR-SENSOR DAMAGE | Disconnected or faulty component | Contact after-sales support |
| DEPR ALARM | The door is not closed correctly. The ash drawer is not closed correctly. The combustion chamber is dirty. The fumes exhaust pipe is blocked/dirty. | Check hermetic door closure. Check hermetic closure of the ash drawer. Check cleanliness of the fumes pipe and the combustion chamber. |
| NO IGNITION - BLACK OUT | No current during the ignition phase. | Turn the stove off using key  and repeat the procedure described in the "Ignition" chapter. Other reset operations should be performed by an authorised technician. |
| COMMAND AUGER ALARM | Abnormal pellet loading. | Contact after-sales centre |
| CLEAN CHECK UP 1 - 2 (1 = START-UP PHASE) (2= WORK PHASE) | The bottom of the burning pot or the combustion chamber are dirty. The door is not closed correctly. The ash drawer is not closed correctly. The low pressure sensor is faulty. The fumes exhaust pipe is blocked. Incorrect installation | Make sure that the holes on the bottom of the burning pot are free. Check cleanliness of the fumes pipe and the combustion chamber. Check hermetic door closure. Check hermetic closure of the ash drawer. Other reset operations should be performed by an authorised technician. |

GUARANTEE TERMS

1. EXTRAFLAME S.p.A. products are guaranteed, within the European community, for 24 months from the date of purchase. Purchase has to be proved by means of a valid fiscal document issued by the seller (receipt, invoice or shipment document) identifying the purchased product and its purchase and/or delivery date.

WARNING: *This conventional guarantee does not replace the guarantee regulated by the European legislation on consumer rights.*

The conventional guarantee is only applicable to the Italian region and to those areas, within the European Community, where the Authorised Technical Assistance Centres are active (see the www.lanordica-extraflame.com website)

It is also limited to the state of residence of the consumer, which must coincide with the premises and/or registered office of the seller of the EXTRAFLAME S.p.A. product

These regulations do not apply if the product is purchased within commercial, entrepreneurial, or professional circumstances. In these cases the product guarantee will be limited to a period of 12 months from the date of purchase.

ITALIAN GUARANTEE

What must be done if there is a product malfunction:

Consult the instructions manual to make sure the malfunction cannot be solved by using the product correctly. Make sure the malfunction is included in those covered by the guarantee; otherwise the cost of the intervention will be borne entirely by the consumer. When requesting the intervention of the Assistance service at the Authorised Assistance Centre, always specify: - type of malfunction - model of the appliance - complete address - phone number

EUROPEAN GUARANTEE

What must be done if there is a product malfunction:

Consult the instructions manual to make sure the malfunction cannot be solved by using the product correctly. Make sure the malfunction is included in those covered by the guarantee; otherwise the cost of the intervention will be borne entirely by the consumer. Request the intervention of the Assistance service or the address of the Authorised Technical Assistance Centre to the seller; always specify: type of malfunction, model of the appliance, complete address and phone number

If the malfunction arises in the first 6 months of the product's life, the consumer has the right to have the product repaired with no expense. From the seventh to the twenty-fourth month, if a malfunction arises, the consumer will bear the cost of the call, while the seller will pay for the manpower and for any spare parts used.

2. If the malfunction is linked to external events and/or conditions such as, including but not limited to, insufficient capacity of the systems; wrong installation and/or maintenance by the personnel which hasn't got the skills prescribed by the laws of the country of residence of the consumer; negligence; inability to use the product and wrong maintenance by the consumer, with respect to what is reported and recommended by the instructions manual of the product, which is part of the sales contract, this guarantee will be void.

Damage to the product that cannot be related to manufacturing defects are also not included in this guarantee. Similarly are excluded defects related to incorrect operation of the flue, according to the legislation in force in the country at the moment of purchase. Other exclusions include all product defects due to carelessness, accidental breakdown, tampering and/or damage during transport (scratches, dents, etc.), interventions carried out by unauthorised personnel and further damage caused by incorrect interventions by the consumer trying to arrange the initial malfunction.

The following consumables are excluded by the guarantee: gaskets, ceramic or tempered glasses, cast iron grilles or coatings, refractory materials (e.g. Nordiker or others), painted, chrome-plated or golden parts, majolica ware, handles, the brazier and its related components. For Idro products the heat exchanger is not covered by the guarantee if a suitable condensation-proof circuit is not set up to ensure a return temperature of the device of at least 55°C. The guarantee excludes all the external components on which the consumer can directly operate during use and/or maintenance or that can be subject to wear and/or rust and stains on steel due to aggressive detergents.

If malfunctions are signalled which are not later confirmed during check by an authorised technician, the cost of the intervention will be borne entirely by the consumer.

3. If it is not possible to restore product conformity by repairing it, the product/component will be replaced, the guarantee expiration date and conditions will remain the same established when the product/component to be replaced has been purchased.

4. EXTRAFLAME S.p.A. cannot be held liable for injury or damage which may - either directly or indirectly - be caused to persons, animals and property ensuing from failure to observe all the instructions provided in the relevant instruction manual and the warnings regarding installation, use and maintenance of the product, that can also be downloaded on the website.

5. Interventions for adjusting and/or regulating the product for the type of fuel or other reasons are excluded by the guarantee.

6. If the product is repaired in one of the Authorised Technical Assistance Centres indicated by EXTRAFLAME S.p.A. and if the product is replaced, transport will be free of charge. If the technician can repair the product at the user's place of residence and they refuse, transport to the workshop and redelivery will be paid by the consumer.

7. After the 24 months of the guarantee have elapsed any repair intervention cost will be completely borne by the consumer.

8. In the case of disputes the only competent court is that of the EXTRAFLAME S.p.A. registered office - (Vicenza-Italy)

ADDITIONAL WARNINGS

- ◆ Only use the fuel recommended by the manufacturer. The product must not be used as an incinerator.
- ◆ Do not use the product as a ladder or supporting structure.
- ◆ Do not place laundry on the product to dry it. Any clothes-horse or similar objects must be kept at due distance from the product. Danger of fire or damage to the coating.
- ◆ The user is fully liable for any incorrect use of the product. The manufacturer bears no civil or criminal liability for incorrect use.
- ◆ Unauthorised tampering of any nature or replacement of spare parts of the product with non-original parts may endanger the operator and the manufacturer bears no civil or criminal liability for this.
- ◆ Large parts of the surface of the product can get very hot (door, handle, glass, smoke outlet pipes, etc.). Please therefore avoid coming into contact with these parts without wearing suitable protective clothing or using appropriate measures, such as heat protective gloves.
- ◆ DO NOT use the product with the door open or if the glass is broken.
- ◆ The product must be electrically connected to a system equipped with an operational earthing system.
- ◆ Turn off the product in the event of a failure or malfunctioning.
- ◆ Unburned pellets that build up in the burner following each failed start-up must be removed before attempting to start up the product again. Make sure that the burner is clean and correctly positioned before starting it up again.
- ◆ Do not wash the product with water. Water may penetrate into the unit and cause faults in the electrical insulation. This can cause electric shocks.
- ◆ Installations not complying with the regulations in force, as well as incorrect use and failure to comply with the maintenance scheduled by the manufacturer, will invalidate the guarantee.

DISPOSAL

INFORMATION FOR MANAGEMENT OF ELECTRIC AND ELECTRONIC APPLIANCE WASTE CONTAINING BATTERIES OR ACCUMULATORS



This symbol, which is used on the product, batteries, accumulators or on the packaging or documents, means that at the end of its useful life, this product, the batteries and the accumulators included must not be collected, recycled or disposed of together with domestic waste. Improper management of electric or electronic waste or batteries or accumulators can lead to the leakage of hazardous substances contained in the product. For the purpose of preventing damage to health or the environment, users are kindly asked to separate this equipment and/or batteries or accumulators included from other types of waste and to arrange for disposal by the municipal waste service. It is possible to ask your local dealer to collect the waste electric or electronic appliance under the conditions and following the methods provided by national laws transposing the Directive 2012/19/EU.

Separate waste collection and recycling of unused electric and electronic equipment, batteries and accumulators helps to save natural resources and to guarantee that this waste is processed in a manner that is safe for health and the environment.

For more information about how to collect electric and electronic equipment and appliances, batteries and accumulators, please contact your local Council or Public Authority competent to issue the relevant permits.

Extraflame®

Riscaldamento a Pellet

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MADE IN ITALY
design & production

*TO FIND THE SERVICE CENTRE NEAREST TO YOU
CONTACT YOUR DEALER OR CONSULT
THE SITE WWW.LANORDICA-EXTRAFLAME.COM*

The manufacturer reserves the right to vary the characteristics and the data reported in this pamphlet at any moment and without notice, in order to improve its products.
This manual, therefore, cannot be regarded as a contract towards other parties.