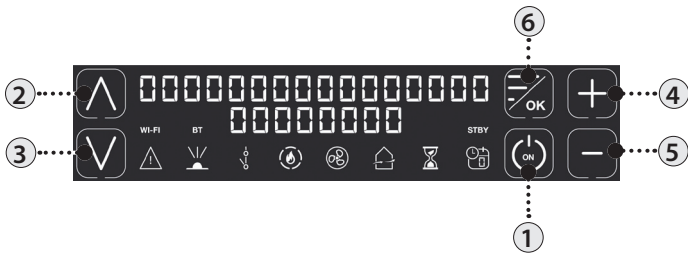
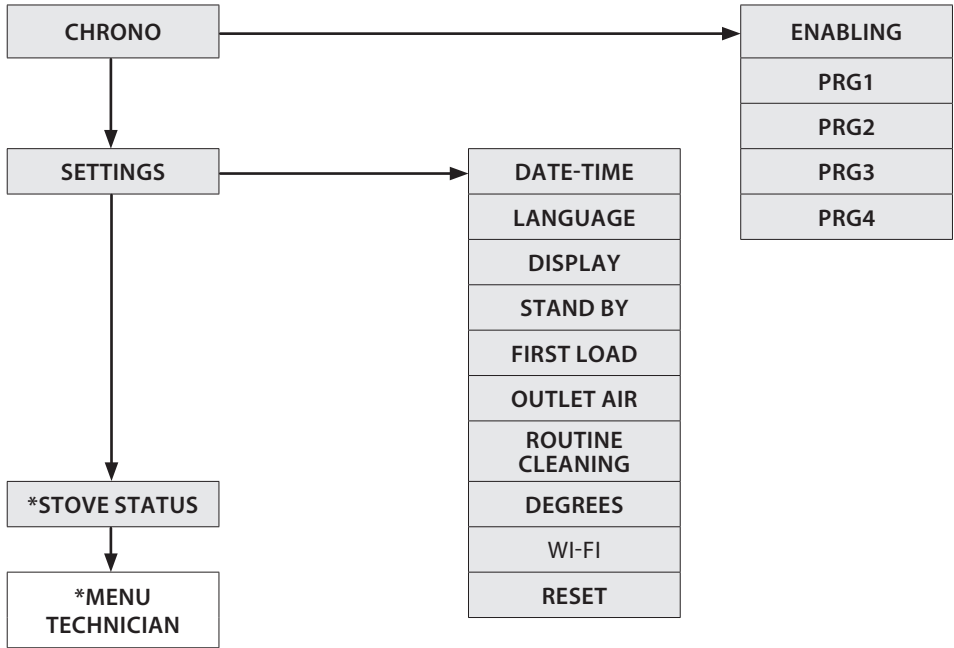


GENERAL MENU



- ① Go back - exit
- ② ③ Scroll parameters: next (3); previous (2)
- ④ ⑤ Modify data settings: increase (4); decrease (5)
- ⑥ Confirm - access menu



*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:

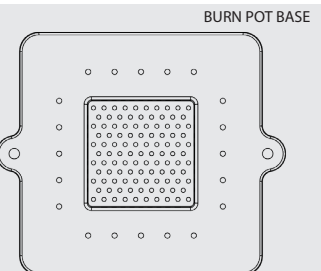
The process is completed after a few heating/cooling cycles. Do not use for the combustion of elements or substances other than those indicated in the manual.

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".



MAKE SURE THAT THE BOTTOM OF THE BURN POT IS FREE FROM RESIDUE AND DEPOSITS. THE HOLES AT THE BOTTOM MUST BE COMPLETELY FREE TO GUARANTEE PROPER COMBUSTION.



FIRST IGNITION SETTINGS

Once the power cord at the back of the stove has been connected, move the switch, also located on the back, to (I). The switch at the back of the stove powers the stove board. The stove remains off and a first screen appears on the panel reading OFF .

DATE-TIME

This menu allows the date and time to be set.

CONTROLS PROCEDURE

- ◆ Press key 6.
- ◆ Press key 3 until **SETTINGS** appears and confirm by pressing key 6.
- ◆ Confirm **DATE-TIME** by pressing key 6 and using keys 4 and 5 to set the day.
- ◆ Continue by pressing key 6.
- ◆ Use the same procedure with 4 or 5 to choose the setting and 6 to move continue, to set the hour, minutes, date, month and year.
- ◆ Press key 6 to confirm and key 1 to scroll back through the menus until the initial page.

LANGUAGE

This menu allows the preferred language to be selected.

The available languages are: Italian - English - German - French - Spanish - Portuguese - Danish - Estonian - Croatian - Slovenian - Dutch - Polish.

CONTROLS PROCEDURE

- ◆ Press key 6.
- ◆ Press key 3 until **SETTINGS** appears and confirm by pressing key 6.
- ◆ Press key 3 until **LANGUAGE** appears and confirm by pressing key 6.
- ◆ Select the language using keys 4 or 5.
- ◆ Press key 6 to confirm and key 1 to scroll back through the menus until the initial page.

DEGREES

This menu allows you to set the unit of measure for the temperature. The value is preset to °C.

CONTROLS PROCEDURE

- ◆ Press key 6.
- ◆ Press key 3 until **SETTINGS** appears and confirm by pressing key 6.
- ◆ Press key 3 until **DEGREES** appears and confirm by pressing key 6.
- ◆ Use keys 4 -5 to select Celsius or Fahrenheit.
- ◆ Press key 6 to confirm and key 1 to scroll back through the menus until the initial page.



DO NOT USE ANY 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 FAST ENOUGH WITH THE PELLETS NEEDED FOR NORMAL IGNITION. IF THE PROBLEM OCCURS AFTER ONLY A FEW MONTHS OF OPERATION, CHECK THAT THE ROUTINE CLEANING DESCRIBED IN THE STOVE HANDBOOK HAS BEEN CARRIED OUT CORRECTLY

OPERATION AND LOGIC

IGNITION

Once the points listed previously have been checked, press key 1 for three seconds to ignite the stove. 15 minutes are available for the ignition phase. After ignition and having reached the control temperature, the stove interrupts the ignition phase and passes to STARTING.

PREPARATION

During the start-up phase, the stove stabilises combustion, increasing it progressively, to then start ventilation and pass on to WORK.

WORK

During the work phase, the stove reaches the set power set; see following item.

SET POWER

Set the operating power from 1 to 5 (using keys 2 and 3).

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

SET H2O

Set the boiler temperature from 65 to 80°C (using keys 4 and 5).

PUMP OPERATION

The pump is activated when the internal water temperature reaches 60°C. Since the pump is always in operation above 60°C, it is advisable to keep a heating area always open so that the product operates in a more homogeneous manner and in order to prevent stoppages due to overtemperature. This area is usually called "safety area".

BURN POT CLEANING

At preset intervals, the generator cleans the burn pot, turning the machine off.

When the cleaning phase is finished, the generator will re-start automatically and continue the working phase, returning to the selected power level.

BLOW

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, it lowers the stove power level and increases the flue gas exhaust motor for a programmed period of time.

When the cleaning phase is finished, the stove will re-start automatically and continue the working phase, returning to the selected power level.

MODULATION and H-OFF

As the water temperature approaches the set point, the boiler starts to modulate automatically bringing itself to the minimum power. If the temperature increases beyond the set point, it will automatically switch off indicating H-OFF, and will automatically go back on when the temperature drops below the set point.

SWITCH-OFF

Press key 1 for three seconds.

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

The flue gas exhaust motor and the hot air flow motor will remain on until the stove temperature has dropped below the default parameters.

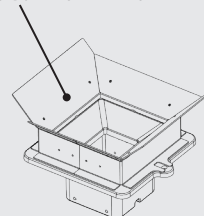
REIGNITION

The stove can only be re-ignited automatically or manually when the cooling cycle conditions and the preset timer have been satisfied.



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 CASE OF WEAR OR DETERIORATION, REQUEST AFTER-SALES ASSISTANCE TO REPLACE THE PART (REPLACEMENT IS NOT COVERED BY THE WARRANTY AS THE COMPONENT IS SUBJECT TO WEAR).

Upper BURN POT PARTITION



STAND-BY - ADDITIONAL THERMOSTAT

N.B. : INSTALLATION MUST BE PERFORMED BY AN AUTHORISED TECHNICIAN

It is possible to control the temperature of a room adjacent to the room where the stove is positioned; simply connect a thermostat following the procedure described in the following section (it is advisable to place the optional mechanical thermostat at a height off the ground equal to 1.50 m). Stove operation with the external thermostat connected in the clamp TA can be different depending on the activation or deactivation of the STAND-BY function.

By factory default, the clamp TA is jumpered, therefore it always has closed contact (on request).

ADDITIONAL THERMOSTAT FUNCTIONING WITH STAND-BY ACTIVE

When the STAND-BY function is active, the STBY icon will be on. When the contact or external thermostat is not satisfied (open contact / temperature reached), the stove will switch off. As soon as the contact or external thermostat switches to the "not satisfied" status (closed contact / temperature to be reached) it will re-ignite.

NB: stove operation depends on the temperature of the water inside the stove and relative factory setting restrictions. If the stove is in H-OFF (water temperature reached), any additional contact or thermostat request will be ignored.

ADDITIONAL THERMOSTAT OPERATION WITH STAND-BY DEACTIVATED

When the STAND-BY function is not active, the STBY icon will be off.

When the contact or external thermostat is satisfied (open contact / temperature reached), the stove will go to minimum. As soon as the contact or external thermostat switches to the "not satisfied" status (closed contact / temperature to be reached) the stove will start to work again at the pre-set power.

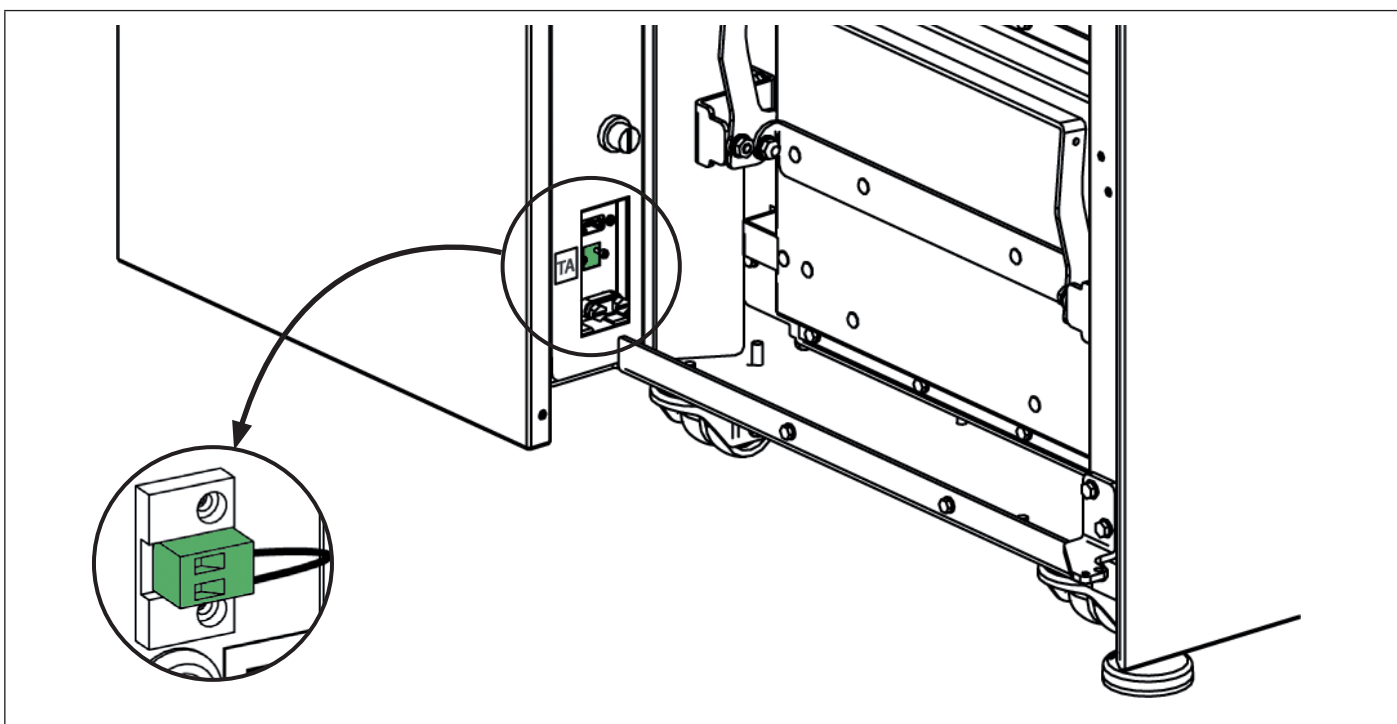
NB: stove operation depends on the temperature of the water inside the stove and relative factory setting restrictions. If the stove is in H-OFF (water temperature reached), any additional contact or thermostat request will be ignored.

ADDITIONAL THERMOSTAT INSTALLATION

- ♦ Switch the appliance off using the master switch positioned on the rear of the stove.
- ♦ Remove the plug from the socket.
- ♦ Refer to the wiring diagram and connect the two thermostat wires in the relevant terminals located on the back of the stove, one red and one black (clamp TA). **In each model, the position or colour of the terminals may be different. The picture is for illustrative purposes only.**



TO ACTIVATE STAND-BY, REFER TO THE "SETTINGS" CHAPTER



CHRONO



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

The factory setting for CHRONO is off.

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

For each time slot, it is possible to set ignition and switch-off times, specific days of application, desired temperature and set power. 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, it must not only be programmed, but also enabled. The 4 time slots can be overlapped using the ignition and switch-off time settings. In this way, it is possible to create a combination of time slots with different temperatures and power levels, without changing the status of the stove.

N.B.: in the case of overlapping time slots, the stove will remain on until the last switch-off time.

ENABLING/DISABLING THE CHRONO

CONTROLS PROCEDURE

- ◆ Press key 6.
- ◆ Press 3 until **CHRONO** appears and confirm by pressing key 6.
- ◆ Confirm **ENABLING** by pressing 6.
- ◆ Use keys 4 -5 to enable (**ON**) or disable (**OFF**)
- ◆ Press key 6 to confirm and key 1 to scroll back through the menus until the initial page.

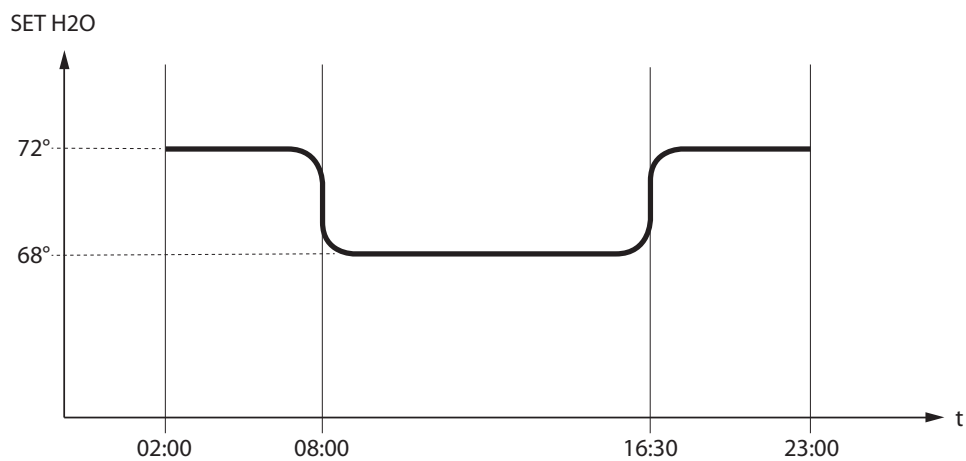
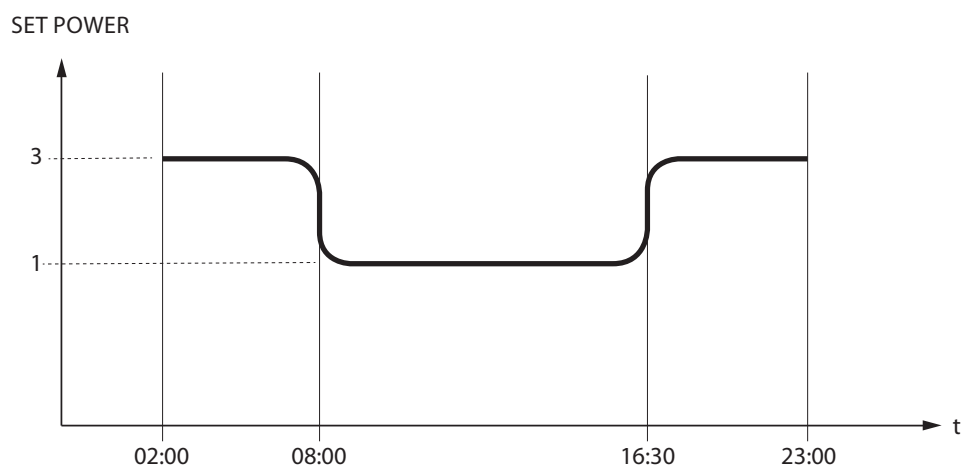
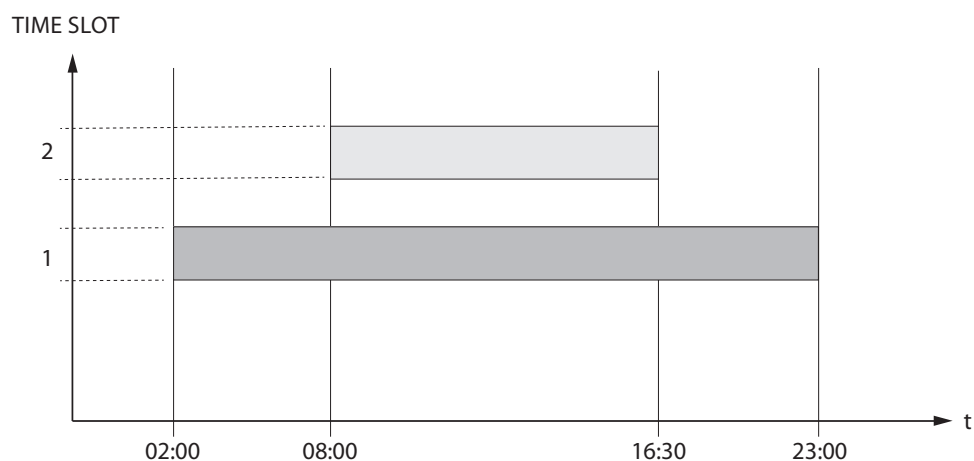
CHRONO	>	ENABLING	>	PRG1	On/off	Enable/disable PRG 1
		∨		PRG2	On/off	Enable/disable PRG 2
		∨		PRG3	On/off	Enable/disable PRG 3
		∨		PRG4	On/off	Enable/disable PRG 4
		PRG1	>	START PRG1	OFF-00:00	PRG1 ignition time
		∨		STOP PRG1	OFF-00:00	PRG1 switch-off time
		∨		MONDAY...SUNDAY	On/off	Enable/disable days PRG1
		∨		SET PRG1	65°C - 80°C (149°F - 176°F)	SET H2O PRG1
		∨		POWER PRG1	1-5	Set power PRG1
		PRG2	>	START PRG2	OFF-00:00	Ignition time PRG2
		∨		STOP PRG2	OFF-00:00	Switch-off time PRG2
		∨		MONDAY...SUNDAY	On/off	Enable/disable days PRG2
		∨		SET PRG2	65°C - 80°C (149°F - 176°F)	SET H2O PRG2
		∨		POWER PRG2	1-5	Set power PRG2
		PRG3	>	START PRG3	OFF-00:00	Ignition time PRG3
		∨		STOP PRG3	OFF-00:00	Switch-off time PRG3
		∨		MONDAY...SUNDAY	On/off	Enable/disable days PRG3
		∨		SET PRG3	65°C - 80°C (149°F - 176°F)	SET H2O PRG3
		∨		POWER PRG3	1-5	Set power PRG3
		PRG4	>	START PRG4	OFF-00:00	Ignition time PRG4
				STOP PRG4	OFF-00:00	Switch-off time PRG4
				MONDAY...SUNDAY	On/off	Enable/disable days PRG4
				SET PRG4	65°C - 80°C (149°F - 176°F)	SET H2O PRG4
				POWER PRG4	1-5	Set power PRG4



IF WEEKLY PROGRAMMER IS ACTIVE ON THE COMMAND PANEL, A SMALL ICON IS DISPLAYED



EXAMPLE OF CHRONO OVERLAPPING TIMES/SLOTS



	Time slot 1	start 02:00 stop 23:00	power 3 - SET H2O 72°C
	Time slot 2	start 08:00 stop 16:30	power 1 - SET H2O 68°C
	stove operation		

SETTINGS

- **DATE-TIME**
- **LANGUAGE**
- **SET DEGREES**

SEE CHAPTER: FIRST IGNITION SETTINGS

DISPLAY

This menu allows you to adjust the brightness of the display. The values range from OFF, 1 to 20. If set to OFF, the display backlighting is set to maximum brightness and turns off after a 60 second delay.

The backlighting can be turned on again by pressing any key or if the stove is in alarm status.

CONTROLS PROCEDURE

- ◆ Press key 6.
- ◆ Press key 3 until **SETTINGS** appears and confirm by pressing key 6.
- ◆ Keep pressing key 3 until **DISPLAY** appears and confirm by pressing key 6.
- ◆ Use keys 4 -5 to set the desired intensity (**SET**)
- ◆ Press key 6 to confirm and key 1 to scroll back through the menus until the initial page.

STAND - BY

The **STAND-BY** function, if enabled, is used when stove switch-off is to be controlled by means of an additional thermostat

CONTROLS PROCEDURE

- ◆ Press key 6.
- ◆ Press key 3 until **SETTINGS** appears and confirm by pressing key 6.
- ◆ Keep pressing key 3 until **STAND-BY** appears and confirm by pressing key 6.
- ◆ Use keys 4-5 to enable (**ON**) / disable (**OFF**).
- ◆ Press 1 several times to confirm and exit the menu

FIRST LOAD

This function allows the auger to be filled, thus facilitating first stove ignition phases, or in the event the pellet hopper is empty.

With the stove cold and "OFF", make sure the pellets have been introduced inside the hopper and activate the **FIRST LOAD** function, confirming by pressing OK.

To interrupt continuous loading, simply press key 1 for 3 seconds.

CONTROLS PROCEDURE

- ◆ Press key 6.
- ◆ press key 3 until **SETTINGS** appears and confirm by pressing key 6.
- ◆ Keep pressing key 3 until **FIRST LOAD** appears and confirm by pressing key 6.
- ◆ Press key 1 several times to confirm and exit the menu.

OUTLET AIR

This function allows any air in the stove to be discharged. By activating the pump function, it will be powered alternatively with 30 second work phases and 30" stop for 15 minutes. With the stove cold and in "OFF", activate the **OUTLET AIR** function, pressing key 6 to confirm. To interrupt, press and hold key 1 for 3 seconds.

CONTROLS PROCEDURE

- ◆ Press key 6.
- ◆ Press key 3 until **SETTINGS** appears and confirm by pressing key 6.
- ◆ Keep pressing 3 until **OUTLET AIR** appears and confirm by pressing 6.
- ◆ Press key 1 several times to confirm and exit the menu.

CLEANING THE COMBUSTION CHAMBER

This function allows to open the burn pot base, facilitating the combustion chamber cleaning operations.

CONTROLS PROCEDURE:

- ◆ Press key 6
- ◆ Press 3 until **SETTINGS** appears and confirm by pressing 6
- ◆ Keep pressing 3 until **ROUTINE CLEANING** appears and confirm by pressing 6
- ◆ Scrape the walls of the combustion chamber using the special tool supplied and let the residual ash drop into the ash drawer.
- ◆ Press key 1 to end and wait for the main screen to reappear.

OPEN THE DOOR ONLY WHEN THE OPERATION IS COMPLETE! THE DISPLAY WILL INDICATE THAT THE DOOR HAS BEEN OPENED!

Wi-Fi

The display allows internet connection using Wi-Fi technology.

This allows remote management and control of the stove using the dedicated APP for Smartphones, "TotalControl 2.0" (Apple Store / Play Store).

WI-FI ENABLING CONTROLS PROCEDURE

- ◆ Press key 6.
- ◆ Press key 3 until **SETTINGS** appears and confirm by pressing key 6.
- ◆ Keep pressing key 3 until **Wi-Fi** appears and confirm by pressing key 6.
- ◆ Press key 6 to access **ENABLING**.
- ◆ Use keys 4-5 to select enabling "ON"/ disabling "OFF" and press key 6 to confirm.
- ◆ Press key 1 several times to exit the menu.

CONTROLS PROCEDURE TO RESET WI-FI CONFIGURATION AND ENABLE ACCESS POINT

- ◆ Press key 6.
- ◆ Press key 3 until **SETTINGS** appears and confirm by pressing key 6.
- ◆ Press key 3 until **Wi-Fi** appears and confirm by pressing key 6.
- ◆ Press key 3 until **RESET** appears and the press key 6.
- ◆ Use keys 4-5 to select start reset "ON" / "OFF" and press key 6 to confirm.
- ◆ Press key 1 several times to exit the menu.

RESET

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

CONTROLS PROCEDURE

- ◆ Press key 6.
- ◆ Press key 3 until **SETTINGS** appears and confirm by pressing key 6.
- ◆ Press key 3 until **RESET** appears and confirm by pressing key 6.
- ◆ Use keys 4-5 for enabling "ON" or disabling "OFF"
- ◆ Press key 1 several times to confirm and exit the menu.

AUX

If the producer's conveyed wave accessories are used, the connection must be made by the qualified technician directly in the board. Contact the dealer for further details.

OPTIONAL ADDITIONAL BOARD (STANDARD ON PR20 AND PR30)

The manufacturer has an optional additional board which allows the boiler to have the following additional system management functions. The table below indicates the various possibilities that the optional can offer.

DHW Storage Management	✓
Buffer Tank management	✓
3 heating areas	✓
Instant DHW option	✓
Buffer tank pump or 4th heating area management	✓
Anti-legionella management for DHW storage	✓
DHW storage chrono management	✓
Auxiliary output management and control	✓

TO FIND OUT WHERE YOUR NEAREST SERVICE CENTRE IS, CONTACT YOUR DEALER OR VISIT THE WEBSITE: WWW.LANORDICA-EXTRAFLAME.COM

CLEANING AND MAINTENANCE

ALWAYS FOLLOW THE INSTRUCTIONS IN COMPLETE SAFETY!

- ♦ MAKE SURE THAT THE POWER CORD IS UNPLUGGED BECAUSE THE GENERATOR MAY HAVE BEEN PROGRAMMED TO SWITCH ON.
- ♦ THAT THE GENERATOR IS COLD ALL OVER.
- ♦ THAT THE ASHES ARE COMPLETELY COLD.
- ♦ ENSURE EFFICIENT AIR EXCHANGE IN THE ROOM DURING PRODUCT CLEANING OPERATIONS.
- ♦ POOR CLEANING WILL COMPROMISE CORRECT OPERATION AND SAFETY!

MAINTENANCE

For correct operation, the generator must undergo routine maintenance by a qualified technician, at least once a year. The periodic inspection and maintenance operations must always be performed by specialised, qualified technicians, who operate in accordance with the laws in force and the instructions given in this use and maintenance manual.



EVERY YEAR, HAVE THE FUME EXTRACTION SYSTEM, FLUE PIPES AND "T" FITTINGS, INCLUDING THE INSPECTION CAPS CLEANED. IF PRESENT, ALSO CLEAN THE ELBOWS AND HORIZONTAL SECTIONS! THE GENERATOR CLEANING FREQUENCY IS INDICATIVE! IT DEPENDS ON THE QUALITY OF THE PELLETS AND FREQUENCY OF USE. THESE OPERATIONS MAY SOMETIMES NEED TO BE PERFORMED MORE OFTEN

PERIODIC CLEANING UNDER USER'S RESPONSIBILITY

The periodic cleaning operations, as indicated in this use and maintenance manual, must be performed with the utmost care after reading the instructions, procedures and frequency described in this use and maintenance manual.

CLEANING THE SURFACES AND COVERING

Never use abrasive or chemically aggressive detergents for cleaning!

The surfaces must be cleaned when the generator and covering are completely cold. For the maintenance of the surfaces and metal parts, simply use a cloth dampened with water or water and neutral soap.

Failure to comply with these instructions may damage the surfaces of the generator and cause the invalidation of the warranty.

CLEANING THE CERAMIC GLASS

Never use abrasive or chemically aggressive detergents for cleaning!

The ceramic glass must be cleaned when the glass is completely cold.

To clean the ceramic glass, simply use a dry brush and some damp newspaper dipped in ash. If the glass is very dirty, use a specific cleaning agent for ceramic glass. Spray a small amount on a cloth and use it on the ceramic glass. Do not spray the cleaning agent or any other liquid directly on the glass or seals!

Failure to comply with these instructions may damage the surfaces of the ceramic glass and cause the invalidation of the warranty.

CLEANING THE PELLET HOPPER

When the hopper is completely empty, disconnect the power cord of the generator, remove the residue (dust, chippings, etc.) from the empty hopper and then fill it up.



THE PELLET HOPPER GASKETS, BURN POT AND FIRE DOOR GUARANTEE CORRECT STOVE OPERATION. THESE NEED TO BE PERIODICALLY CHECKED BY THE USER. IF THEY ARE WORN OR DAMAGED, IMMEDIATELY REPLACE THEM. THESE OPERATIONS MUST BE CARRIED OUT BY A QUALIFIED TECHNICIAN.

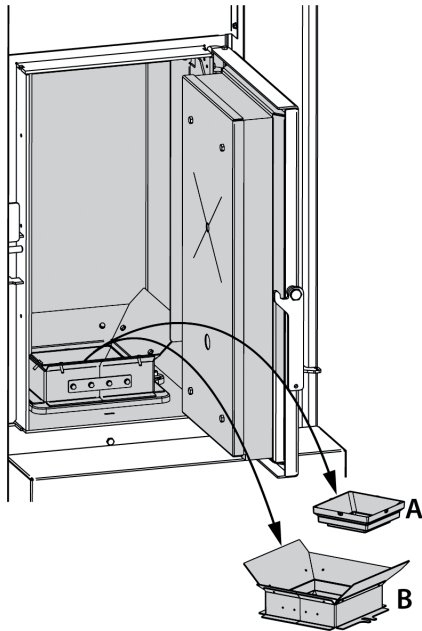


IF THE POWER CORD IS DAMAGED, IT MUST BE REPLACED BY THE SERVICE CENTRE OR BY A SIMILARLY QUALIFIED PERSON, SO AS TO AVOID ALL RISKS.

BURN POT AND COMBUSTION CHAMBER

By means of a mechanical system, the burn pot is cleaned automatically at preset intervals. It is however advisable to remove any residues by means of a vacuum cleaner.

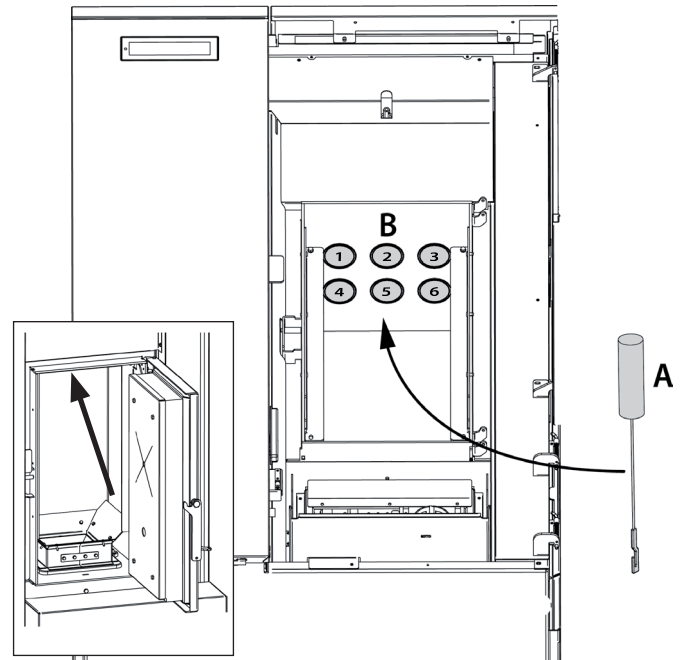
- ◆ Remove the assembly made up of the internal cone (A) and the ash conveyor (B).
- ◆ Clean the combustion chamber and the bottom of the burn pot completely, using a suitable vacuum cleaner.



CLEANING THE COMBUSTION CHAMBER TUBE BUNDLE

Clean the 6 tube bundles (B) of the combustion chamber using the brush supplied (A).

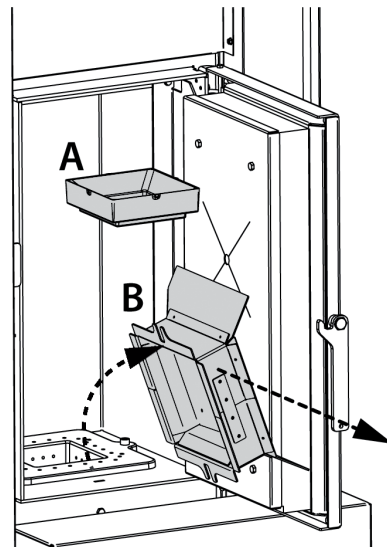
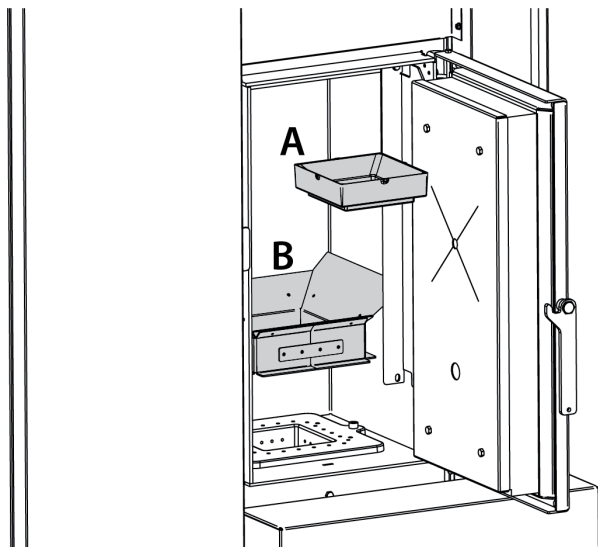
It is advisable to use a suitable vacuum cleaner during the operation.



DETAILS ON BURN POT CLEANING

To clean the burn pot, simply remove the central cone (A), lift the flame guard (B) and rotate it to remove it completely. Perform the same operation in reverse order to re-assemble. After having re-positioned, always make sure:

- that the cone (A) has been inserted in the correct direction (see figure);
- that the ash conveyor (B) rests on the burn pot correctly, and not on another area of the combustion chamber.

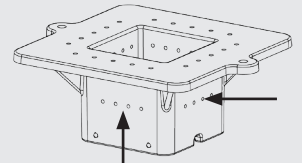
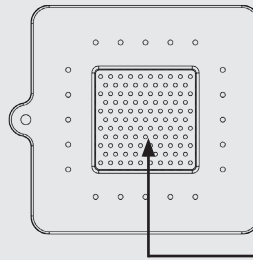


A CLEAN BURN POT GUARANTEES CORRECT OPERATION!



BY KEEPING THE BURN POT AND ITS HOLES CONSTANTLY CLEAN AND FREE OF COMBUSTION RESIDUE, EXCELLENT COMBUSTION IS GUARANTEED OVER TIME, THUS PREVENTING ANY GENERATOR MALFUNCTIONS THAT MAY REQUIRE TECHNICAL ASSISTANCE.

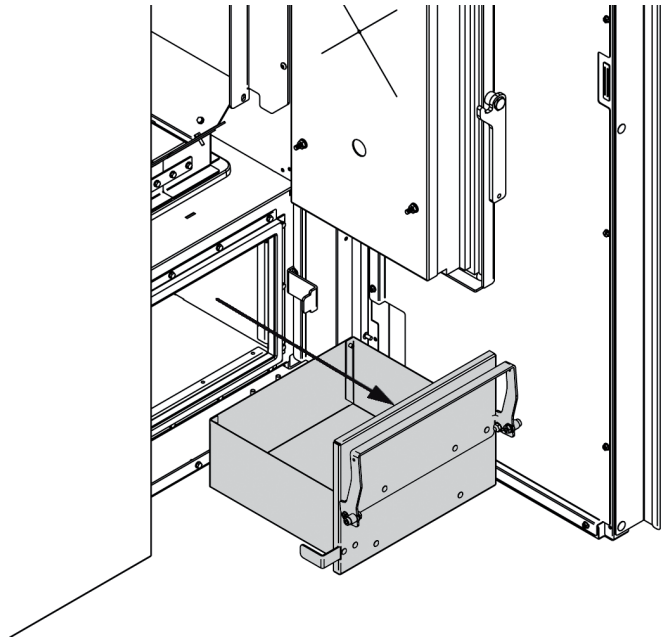
BURN POT BASE



BURN POT HOLES

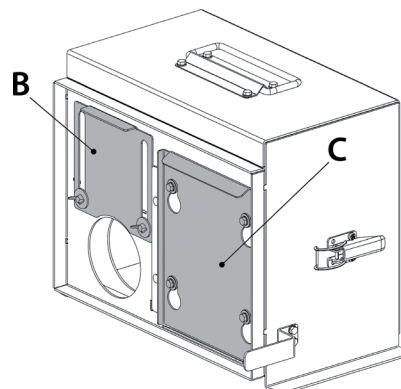
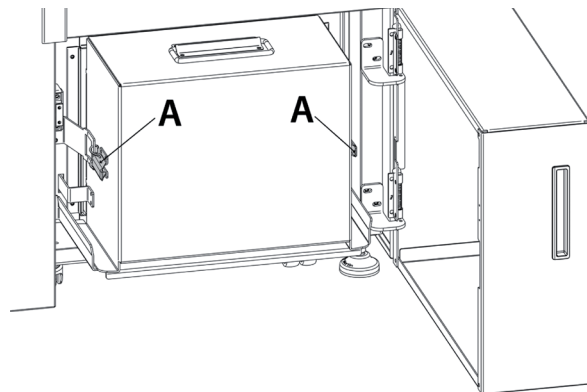
ASH DRAWER (PK VERSION)

- Turn off the boiler
- Remove the ash drawer and empty it into a suitable container.



ASH COMPACTOR (FOR PR VERSION ONLY)

- Turn off the boiler
- Release the compactor from the boiler by means of the two lateral levers (A).
- Close the cap (B) on the auger insertion hole (to prevent ash from falling while it is being moved)
- Release the cap (C) and empty out the ash.
- Close the cap (C).
- Open the hole (B) to insert the auger and insert the compactor.
- Secure the compactor by means of the two lateral levers (A).



CLEANING AND MAINTENANCE SUMMARY TABLE

USER CLEANING		FREQUENCY - EVERY X *PALLET CUNSUMED
BURN POT COMBUSTION CHAMBER	PK15	1
	PK20	1
	PK30	1
	PR20	2
	PR30	2
ASH DRAWER (PK)	PK15	1
	PK20	1
	PK30	1
**CLEANING THE ASH COMPACTOR (PR)	PR20	2
	PR30	2
CLEANING THE COMBUSTION CHAMBER TUBE BUNDLE	PK-PR	3

*1 Pallet = 1050kg

QUALIFIED TECHNICIAN		FREQUENCY - EVERY XX MONTHS
CLEANING THE EXCHANGER	PK-PR	12
T-SHAPED FITTING/ FLUE PIPE	PK-PR	6
GASKETS	PK-PR	12



**COMPACTOR CLEANING: IN CASE OF PROLONGED BOILER INACTIVITY (MORE THAN 60 DAYS) CHECK THAT THE ASH IN THE COMPACTOR HAS NOT BEEN SOLIDIFIED BY MOISTURE.



THE GENERATOR CLEANING FREQUENCY IS INDICATIVE! IT DEPENDS ON THE QUALITY OF THE PELLETS AND FREQUENCY OF USE. THESE OPERATIONS MAY SOMETIMES NEED TO BE PERFORMED MORE OFTEN

ROUTINE MAINTENANCE PERFORMED BY QUALIFIED TECHNICIANS

Routine maintenance must be performed at least once a year.

Given the generator uses pellets as solid fuel, it requires annual routine maintenance, which must be performed by a **Qualified technician, using only original spare parts.**

Failure to comply may jeopardise safety of the appliance and invalidate the warranty conditions.

By observing the cleaning schedule reserved to the user described in the use and maintenance manual, the generator will be guaranteed correct combustion over time, thus preventing any faults and/or malfunctions which may require subsequent technical assistance. Requests for routine maintenance are not covered by the warranty.

DOOR, ASH DRAWER AND BURN POT GASKETS

The gaskets ensure the proper sealing of the stove and therefore its proper operation.

They must be periodically checked and immediately replaced if worn or damaged.

These operations must be carried out by a qualified technician.

CONNECTION TO THE FLUE

Annually, or in any case each time the flue pipe needs to be vacuumed and cleaned. If there are horizontal sections, the residue must be removed to prevent it from obstructing the flow of fumes.

SHUT-DOWN (END OF SEASON)

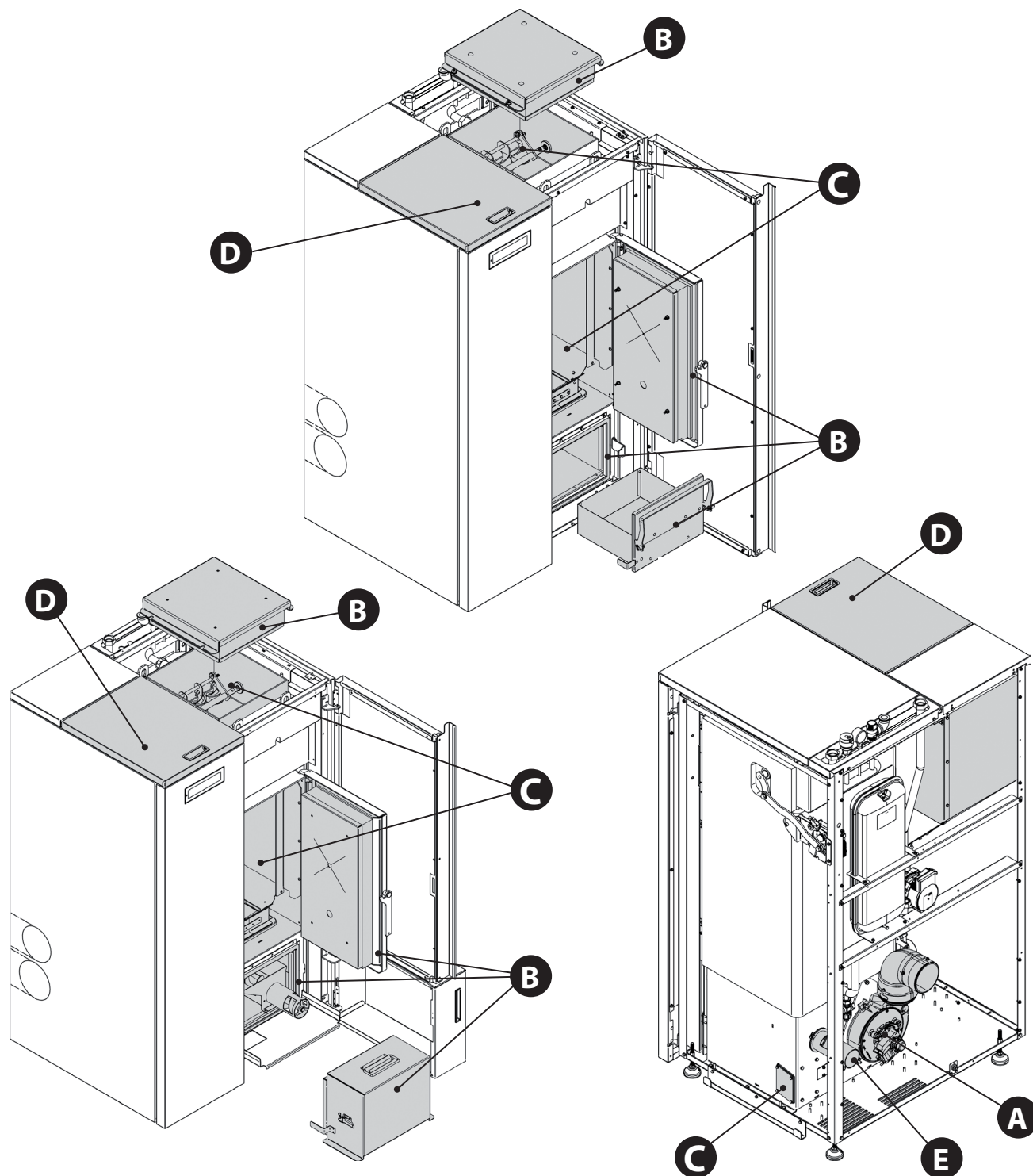
At the end of each season, before turning the stove off, it is advisable to completely empty the pellet hopper, removing any pellet residue and dust with a vacuum cleaner.

IT IS ADVISABLE NOT TO DISCONNECT THE HEAT GENERATOR FROM THE ELECTRICAL POWER SUPPLY IN ORDER TO ALLOW THE PUMP TO PERFORM THE NORMAL ANTI-BLOCKING CYCLES.

Routine maintenance must be performed at least once a year.

ROUTINE MAINTENANCE

THE PICTURES ARE FOR ILLUSTRATIVE PURPOSES ONLY.





A	Fumes motor (disassembly and cleaning and fumes pipe and "T"), new silicone in the provided points
B	Inspections of gaskets, ash drawer and door (replace them and apply silicone where envisioned)
C	Combustion chamber and heat exchanger (full cleaning) including ignition plug pipe
D	Hopper (complete emptying and cleaning).
E	Check air intake pipe and cleaning of the flow sensor

DISPLAYS

DISPLAY	REASON
OFF	Generator off
START	The start-up phase is in progress
PELLET LOADING	Continuous pellet loading 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.
BLOW	The automatic blow is active.
BURN POT CLEANING	The routine cleaning of the burn pot is in progress.
FINAL CLEANING	The final cleaning is in progress.
STAND-BY	Generator off waiting for re-ignition due to an external thermostat.
COOLING WAITING TIME	The generator is required to turn on during the switch-off phase. If activated, the generator will turn on automatically as soon as the safety conditions allow it.
H-OFF	Generator off due to water temperature over set.
T-OFF	Generator off waiting for re-ignition due to all requests met
WAITING BLACK OUT	The generator is cooling after a power cut. Once cooling is completed, it will re-start automatically
ANTI-FREEZING	The anti-freezing function is in progress as the H ₂ O temperature is below the factory set threshold the pump is active until the water reaches the pre-set factory parameter +2°C
ANTI-BLOCK	The pump anti-block function is in progress (only if the generator has been in an OFF state for at least 96 hours); the pump is activated for the time pre-set by the manufacturer, in order to prevent it from blocking
EXCHANGER BLOCKED	The movement of the exchangers is blocked. Switch off the machine and clean the exchangers. If the problem persists, contact the after-sales centre.
ASH KIT CHECK	The ash extractor is blocked. Switch off the machine and empty out the ash drawer. If the problem persists, contact the after-sales centre.
EMPTY HOPPER	The pellet hopper is empty. Check for the presence of pellets in the hopper.
CLOSE HOPPER-STOVE DOOR	This indication means that you have 60 seconds to close the hatch/door and the pellet lid. After 60 seconds have passed, the stove will enter " DEPR ALARM " during the ignition phase while during normal operation, the stove will enter " COOLING STAND BY " and then, restart automatically when the conditions are right (clod stove, etc.).

ALARMS

DISPLAY	EXPLANATION	SOLUTION
	Indicates the presence of an alarm.	On: indicates the presence of an alarm Flashing: indicates the deactivation of the depression sensor. The alarm can be reset only if the fumes motor has stopped and 15 minutes have passed since the alarm was displayed, by pressing the key 1/  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	Contact after-sales centre
CHAMBER PROBE	Chamber probe fault.	Contact the after-sales centre.
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. Contact after-sales centre
DEPR ALARM	The door is not closed correctly. The ash drawer is not closed correctly. The combustion chamber/ tube bundle 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/ tube bundle.
NO IGNITION	The pellet hopper is empty. Pellet feed calibration inadequate. Thermostat bulbs tripped.	Check for the presence of pellets in the hopper. Contact after-sales centre. Check the procedures described in the "Ignition" chapter. Check bulb thermostats (see chapter on Resetting)
NO IGNITION BLACK OUT	No current during the ignition phase.	Take the stove to OFF conditions using key 1 and repeat the procedure described in the "Ignition" chapter.
AUGER COMMAND	Abnormal pellet loading.	Contact after-sales centre
AUGER BLOCKED	Abnormal operation of pellet motor	Contact after-sales centre
MAX ELECTRICAL CURRENT	The automatic cleaning of the burn pot is blocked. Burn pot dirty or clogged or door not closed properly	Check that the door is closed properly Check that the burn pot is free and clean If the problem persists, contact the after-sales centre.
H2O PROBE	H2O probe fault	Contact after-sales centre
* DHW PROBE	Fault in DHW probe .	Contact after-sales centre
* BUFFER TANK PROBE	Fault in Buffer tank probe .	Contact after-sales centre
BLOCKED PWM ALARM	The pump has stopped permanently Pump blocked. Electronic module damaged	Contact after-sales centre
HOT PWM ALARM	The pump is operating but not with good performance. Undervoltage 160-194V. Pump in circuit breaker protection mode.	Contact after-sales centre
STOPPED PWM ALARM	The pump has stopped but is still operational. Undervoltage < 160V. Overvoltage. Unexpected external flow.	Contact after-sales centre
STOPPED 2 PWM ALARM	The pump has stopped but is still operational. Problem in a component different to the pump. Debris in installation. Positioning in high temperature.	Contact after-sales centre
FLOW PWM ALARM	Pump blocked. Liquid with high density. Pipe obstructed. Presence of air in the system.	Contact after-sales centre
PWM INTERFACE ALARM	IPWM output interface damaged, in short circuit or not connected	Contact after-sales centre
TRAPDOOR BLOCKED	The automatic cleaning of the burn pot is blocked. Burn pot dirty or clogged The door is not closed properly.	Make sure that the door is closed properly. Make sure that the burn pot is clear and clean. The automatic cleaning of the burn pot is blocked. If the problem persists, contact the service centre
FAULT ALARM DELTA-P	Delta-P Transducer faulty or disconnected.	Contact after-sales centre
EXCESS AIR	Excess combustion air.	Check flue draught. Contact the after-sales centre.

* if there is an additional system data-sheet.

TO FIND OUT WHERE YOUR NEAREST SERVICE CENTRE IS, CONTACT YOUR DEALER OR GO TO THE WEBSITE WWW.LANORDICA-EXTRAFLAME.COM

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

EXTRAFLAME S.p.A. Via Dell'Artigianato, 12 36030 - MONTECCHIO PRECALCINO (VI) - ITALY
☎ +39.0445.865911 - 📠 +39.0445.865912 - ✉ info@extraflame.it - 🌐 www.lanordica-extraflame.com

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.