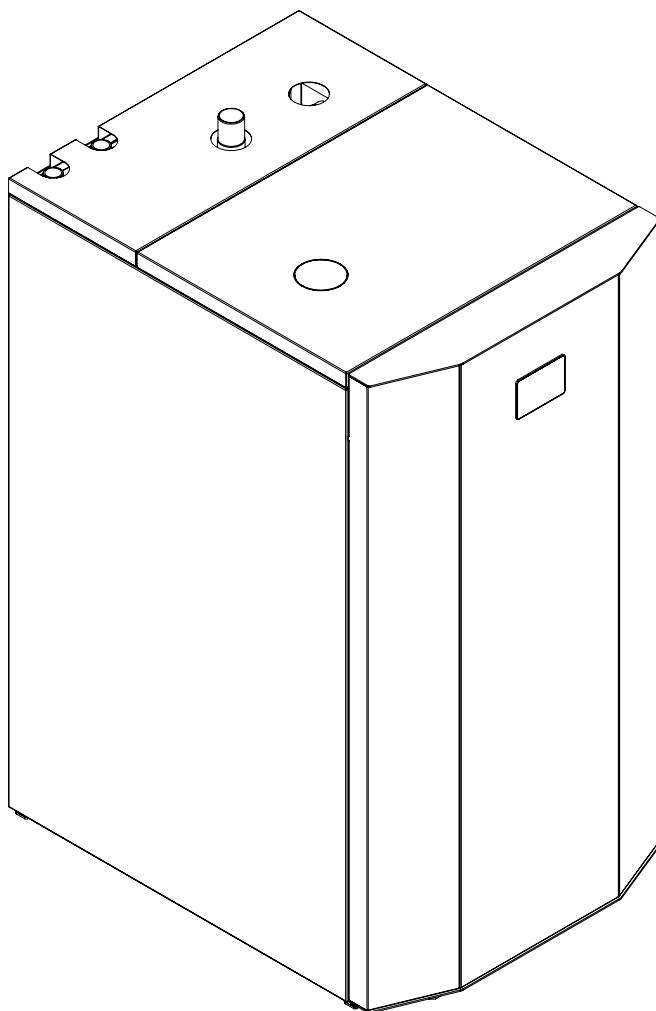




Mareli Systems

STEP FORWARD



Pellet boiler
EcoSmart
User manual

rev. 1.3

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1. Introduction

Dear Customer,

Our products are designed and manufactured in accordance with standards in force, with high quality materials and using our extensive experience in the transformation processes.

To get the best performance, we suggest you read the instructions in this manual carefully. It is an integral part of the product so ensure that the manual is always supplied with the appliance, even if it changes owner.

If the manual is lost you can download it directly from the company's website.

Data plate with all the specifics of the appliance can be found on the back panel.

2. Warnings and safety instructions

The pellet heating system may only be installed and started up for the first time by an authorised technician. Professional installation and start up is the prerequisite for safe and economical operation.

- Never make any changes to the heating system or flue gas system;
- This appliance is not intended for use by people (including children) with limited physical, sensory or mental abilities or lack of experience and knowledge.
- The place and way of connecting the boiler should be selected carefully in accord with the safety instructions. Install away from flammable objects!
- Before starting any operation, the user must read and fully understand the contents of this instruction manual. Incorrect setup may cause hazardous conditions and/or incorrect function of the boiler;
- Do not wash the boiler with water. Water can get inside the fireplace and damage the electronics and cause an electric shock;
- Do not put clothes to dry on the boiler. Any clothes hangers and other objects must be located within a reasonable distance. Fire hazard;
- The user is fully responsible for the proper use of the product which exempts the company from liability of any users errors or misbehaviour or omissions;
- Any intervention or replacement that is made by unauthorised people or using non original spare parts for the product can be risky for the user and release the company from all liability;

- Most surfaces of the boiler are extremely hot (the door handle, glass, flue pipe, etc.). Avoid contact with these parts before assuring yourself that you use temperature resistant gloves as well as suitable temperature resistant instruments;
- Turn off the boiler in case of failure or malfunction;
- The product must be electrically connected to a system equipped with an effective earth conductor. (Must be grounded);
- It is strictly forbidden to use alcohol, petrol, liquid fuel for lanterns, diesel, bio-ethanol, charcoal or any other similar liquids to light up the flame in the device. Keep such liquids away;
- Do not put any fuel other than wood pellets in the hopper;
- Periodically check and clean the smoke outlet ducts of the boiler (connection to the flue pipe);
- Pellet boiler is not a cooker;
- Under no circumstances should the fire be ignited with the door open or broken glass;
- Do not light the boiler with flammable materials if the ignition system failed;
- All unburnt pellets in the burner after each unsuccessful ignition attempt must be removed before a new ignition;
- When installing the product all fire safety requirements must be respected;
- If there is a fire in the flue pipe, extinguish the boiler, disconnect the power cord and never open the door. Call competent authorised service technicians;
- The product maintenance operations must be exclusively carried out by a qualified operator on a yearly basis;
- A non-compliant or improper maintenance of the product can cause hazardous situations and/or irregular operation;
- Always keep the cover closed.



Seeing this sign means you must strictly follow the instructions for your own safety!

3. Type of fuel

The pellet is obtained from natural dried wood sawdust (without paint). The compactness of the material is guaranteed by the lining contained in the wood itself, without glue or binders.

The market offers different type of pellets with characteristics that vary according to the wood mixture. The most common diameter on the market is 6 and 8mm, with a length between 3 and 40mm. A good quality pellet has a density of between 600 and 750kg/cubic meter (or even more). The moisture content must account for 5 to 8% of its weight.

Pellets have technical advantages besides being an ecological fuel, as the wood residue is used completely, thereby achieving cleaner combustion than the fossil fuels.

While good-quality wood has calorific value of 4.4 kW/kg (15% moisture after 18 months of seasoning), that of the pellets is around 4.9 kW/kg. To ensure good combustion, the pellets must be stored in a dry place protected from dirt. Good quality pellets guarantee good combustion, thereby decreasing harmful emissions into the atmosphere.

The main quality certifications for pellets currently available on the European market guarantee that the fuel complies with class A1/A2 according to ISO17225-2. These certifications include, for example, EN Plus, DIN plus, Ö-Norm M7135, and specifically assure that the following characteristics are complied with:

- Calorific value: 4.6 - 5.3 kWh/kg.
- Water content: $\leq 10\%$ of the weight.
- Percentage of ash: max 1.2% of the weight (A1 less than 0.7%).
- Diameter: $6\pm1/8\pm1$ mm.v
- Length: 3-40 mm.
- Content: 100% untreated wood without the addition of binding agents.

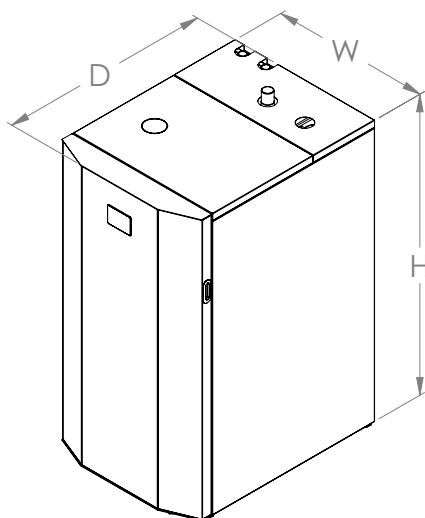


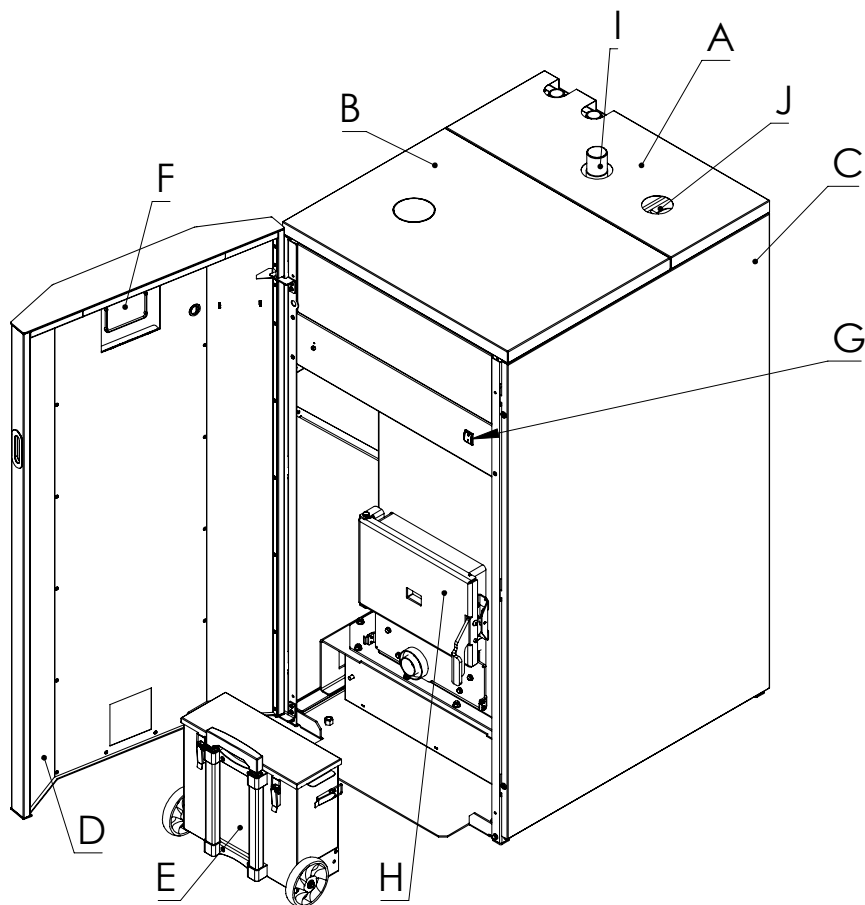
The use of pellets that do not comply with the above characteristic may compromise the operation of your product!

4. Technical data

Maximum output	KW	14	18	22	28	32	38	46
Heated volume*	m³	400	510	630	800	910	1090	1310
Height H	mm	1440		1440			1590	
Width W	mm	690		760			760	
Depth D	mm	960		1010			1010	
Pellet bunker volume	kg	43		50			66	
Exhaust gas pipe	φ mm	100					150	
Air inlet	φ mm	60		76				
Weight	kg	410		428			450	
Fuel type	Pellets	Φ6-Φ8						
Chimney draft	Pa	12						
Electrical consumption	W	60/410						
Electrical supply	V/Hz	230/50						
Water jacket capacity	L	80		100			120	
Working pressure (max)	bar	3.0						
Working at environment temperature	°C	5-40						
Humidity at 30°C environment temperature	%	85						
Energy conversion efficiency	%	95	95	94	94	94	95	93
CO emissions	mg/Nm³	13	15	17	14	11	13	15
Temperature of the flue gasses	°C	103	106	110	115	118	107	137
Max water temperature	°C	90						

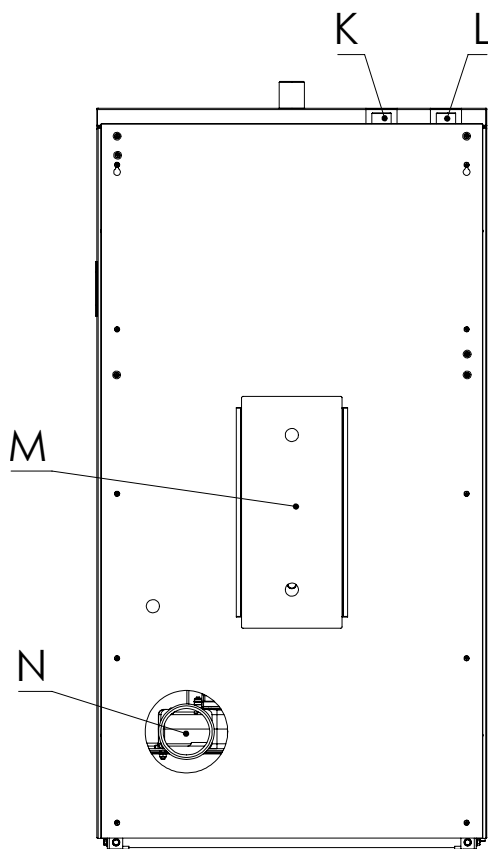
*if the heating needs are the average 0,035 kW/m³





A - top back cover
B - top front cover
C - side panel
D - front door
E - ash container

F - control display
G - on/off switch
H - combustion chamber door
I - pellets inlet
J - air outlet for the pellet suction probe



K - hot water outlet

L - cold water inlet

M - service door

N - exhaust fan for flue gasses

5. Installation

5.1 Placing

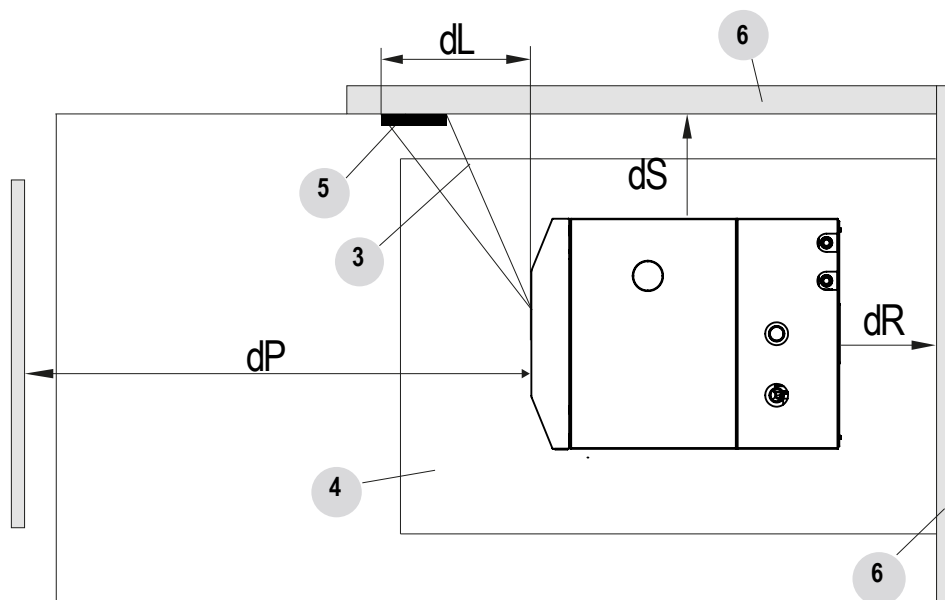
All national, regional and European requirements for safe operation of the appliance must be respected during installation and operation.

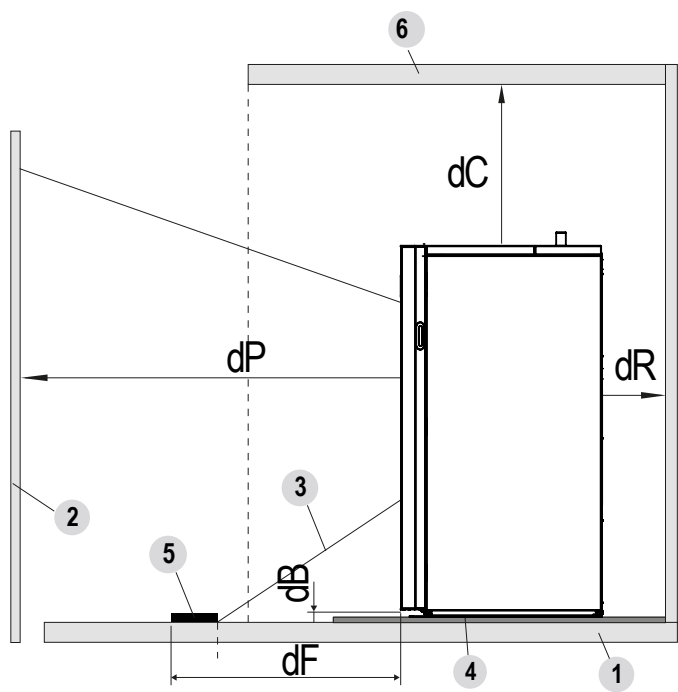
Prior to installation, load capacity of the place where the boiler will be intended must be ensured. The weight of the boiler is specified in the technical data table.

To ensure the correct and safe operation of the boiler, the following conditions must be met:

- The installation of the boiler and its accessories must be carried out by authorised technician.
- The floor where the boiler is installed should be flat and horizontal, made of fire-resistant materials.
- Minimum distances from the wall to the boiler should be at least 400 mm. The minimum space in front of the fireplace should be 1500 mm. The minimal distance of the boiler from combustion materials should be no less than 1500 mm.

Observe the distances from flammable objects (sofas, furniture, wood panelling, etc..) as specified in the following diagrams:





1	Floor	4	Floor guard
2	Front flammable material	5	Radiated surface to be protected
3	Area subject to radiation	6	Rear/side/upper flammable surface

	Minimum safety distance (mm)
dR (rear distance)	600
dS (side distance)	400
dB (lower distance)	0
dC (upper distance)	800
dP (front distance)	1500
dF (floor radiation)	1000
dL (side radiation)	1000

5.2 Connecting with the hydro system

The advantage of this type of heating system is the maximum utilisation of the heat that is produced during the combustion process. With this method the heat from the combustion chamber is taken to remote and hard to reach for a normal heat exchange premises in order to maintain an even temperature and warmth comfort.

- Ensure that every branch and element of the installation is airtight at every single moment of its exploitation.
- All elements of the installation must be protected from freezing, especially if the or other parts are situated in non-heated premises.
- The circulation pump can be chosen by the capacity required by using the following formula:

$$G=0,043 \cdot P \text{ , (m}^3\text{/h) (accepting } dT=20^{\circ}\text{C)}$$

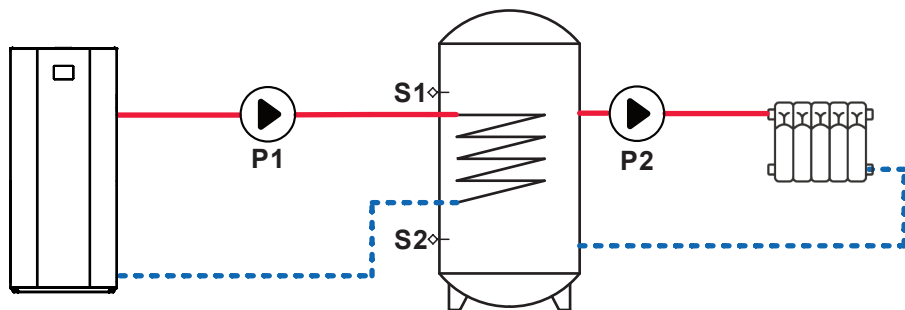
P (kW) is the heat output of the water jacket. The circulation pump can be turned on and off by means of a thermostat in combination with an electric switch.

- The first service cleaning of the pump's filter must be done immediately after testing the installation.
- If an old installation is going to be used it must be washed several times to ensure the removal of any accumulated dirt on the surfaces of the water jacket.
- Do not drain the circulating water of the installation during the non-heated season.
- Chemical treatment of the circulating water is not recommended.
- The expansion vessel must have a direct atmosphere connection which means that it must be placed on the highest spot in the system. Its capacity can be determined as 0,1 of the total capacity of the system.
- The filling or unloading of the system is done via a hose through a facet mounted in the lowest area.
- The warranty is not valid in case of a boiler with a swollen water jacket which is a result of pressure increase in the system and improper connecting.
- It is advisable to check the water quality and provide treatment if the water is very hard, have pollution or some other deviation.



The chemical-physical characteristics of the system and replenishing water are important for the proper operation and service life of the appliance.

Example 1 with buffer tank:

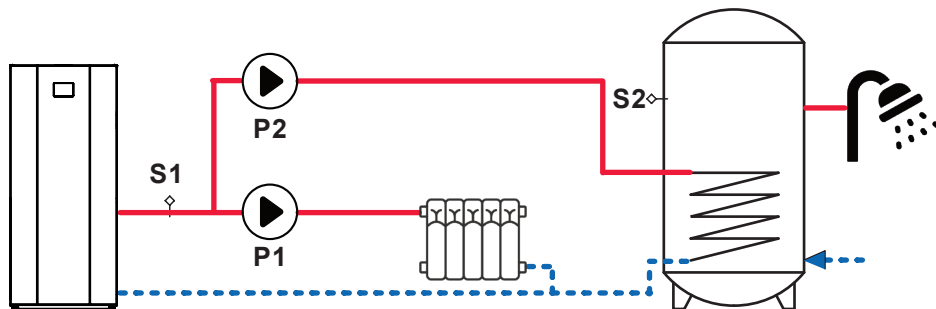


----- Cold water
—— Hot water

P1 - Buffer pump
P2 - heating pump

S1 - Upper buffer temperature probe
S2 - Lower buffer temperature probe

Example 2 with DHW tank:

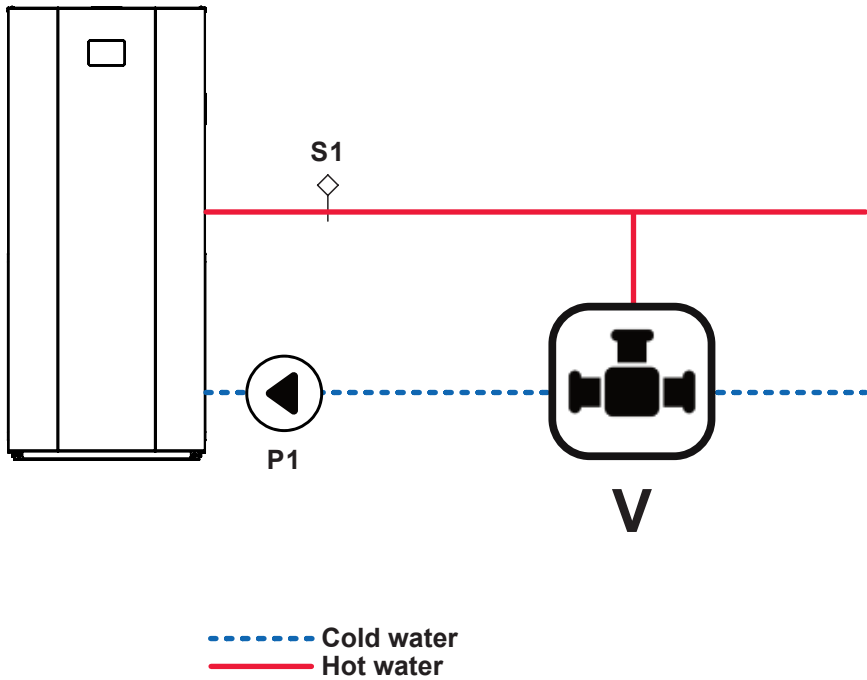


----- Cold water
—— Hot water

P1 - Heating system pump S1 - Heating system temperature probe
P2 - DHW pump S2 - DHW buffer tank probe



The above options are just a few of the all available. It is mandatory that the assembly is performed by an authorised specialist who can offer other more suitable scheme for you type of installation. Anti-condensation valve must be installed to prevent moisture and system malfunction.



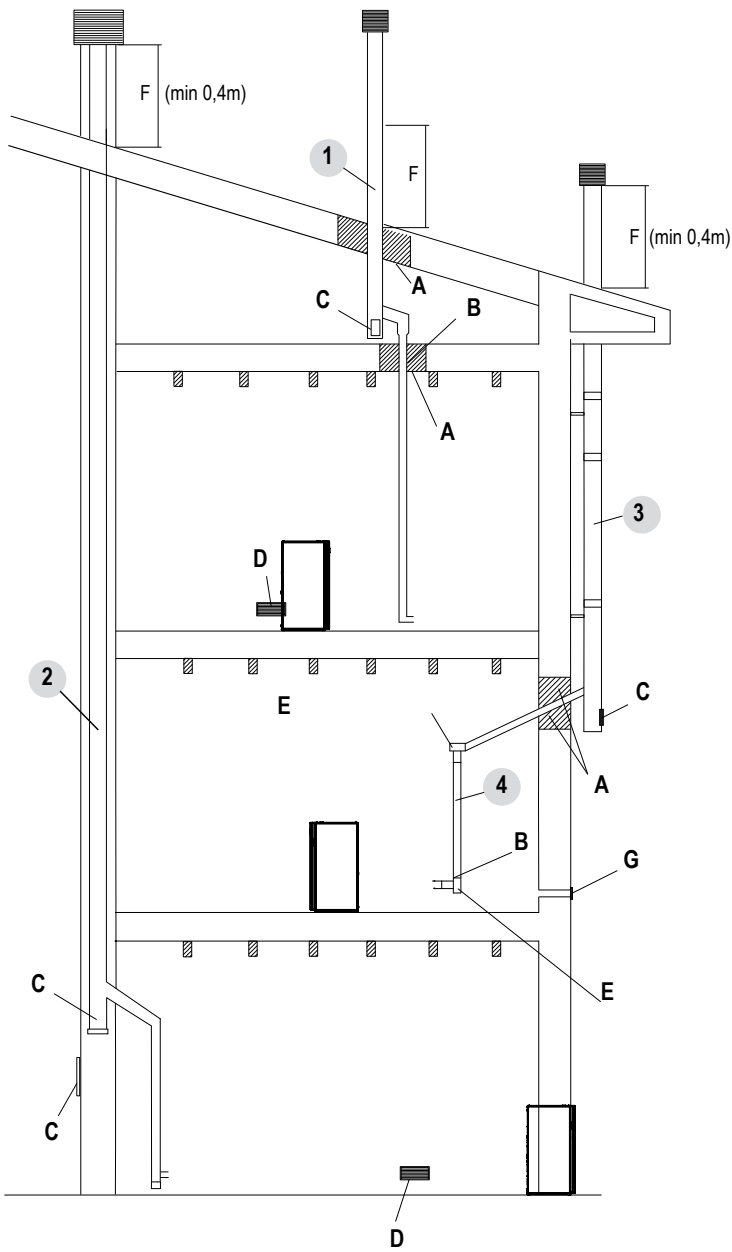
P1 - Heating system pump S1 - Heating system temperature probe

V - Anti-condensation valve $t \geq 50^{\circ}\text{C}$



The installation of the anti-condensation valve with a temperature of above 50°C is highly recommended to avoid condensation in the system.

5.3 Connecting to chimney



Option 1. Flue installation with hole for the passage of the pipe:

- minimum 100mm around the pipe if next to non-flammable parts such as cement, brick, etc.;
- minimum 300mm around the pipe if next to flammable parts such as wood etc.

In both cases, install suitable insulation between the flue and the ceiling. Those previous rules also apply for holes made in walls.

Option 2. Built in chimney by bricks or concrete. With insulation and moisture channel. Suitable access door for chimney cleaning.

Option 3. External flue made of insulated stainless-steel pipes. i.e. with double walls. Must be securely mounted on the wall. With windproof chimney pot.

Option 4. Ducting system using T fittings that allow easy access for cleaning without having to remove the pipes.

A - insulation

B - possible diameter increase

C - inspection access panel

D - air inlet with protective grid

E - T fitting with inspection cap

F - reflux area (min 0,4m)

G - air ducting with protective grid

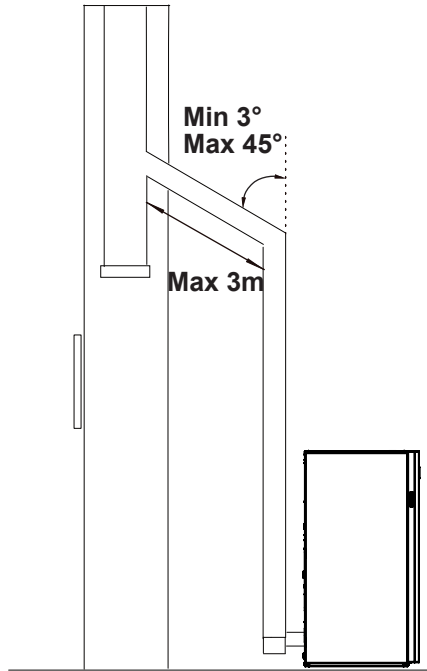
The figure shows typical, but not exhaustive, examples of all possible installations (which must always be approved by a qualified technician).

The chimney or the duct component must be airtight, waterproof and properly insulated, to be constructed with materials resistant to the normal mechanical wear, to the heat coming from the combustion products and condensation.

The recommended chimney draft at work is from 12 Pa up to 20 Pa. To ensure smooth operation of the product and no sudden changes due to strong winds the chimney must have a suitable anti-wind cover at the top.

The chimney and the flue pipes must be cleaned and checked regularly depending on the installation and the fuel quality, but no less than once per year before the heating season.





For the assembly of the flue pipes the use of non-flammable materials, fire and condensation resistant products is obligatory. The assembly must be performed in such a manner so it guarantees the airtight sealing and prevents condensation. If possible, avoid adding horizontal sections. Direction shift is done by using knee joints with a max angle of 45° .

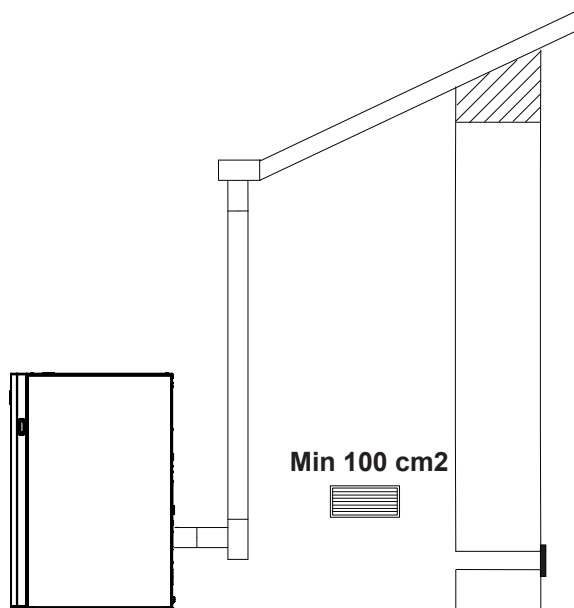
For heating devices equipped with a smoke ventilator, i.e all of the “MARELI SYSTEMS” boilers, the following instructions must be observed:

- Horizontal sections must have a minimum incline of 3° upwards;
- The length of the horizontal sections must be as short as possible, but without exceeding 3 m;
- More than four direction shifts are forbidden, including the cases where a T-shaped element is used;
- The flue components must be airtight and to be insulated if extending outside the premises in which the fireplace is installed;
- The flue components must allow a soot cleaning;
- The flue components must have a constant section. A diameter change is allowed only in the chimney joint;



In case of a fire hazard turn off the product from the display. This will stop the oxygen flow.

5.4 Air inlet



Air intake is placed inside and has a circular section. The combustion air can be aspirated from the camera, as long as it is near an air intake connected with the outside wall having a minimum area of 100 cm², properly positioned and protected by a grid.



When the fire is ignited for a first time, a smell occurs as a result of the paint being heated. The firereplace is painted with heat-resistant paint, which achieves maximum resistance after being heated multiple times.

5.5 Connecting to electricity

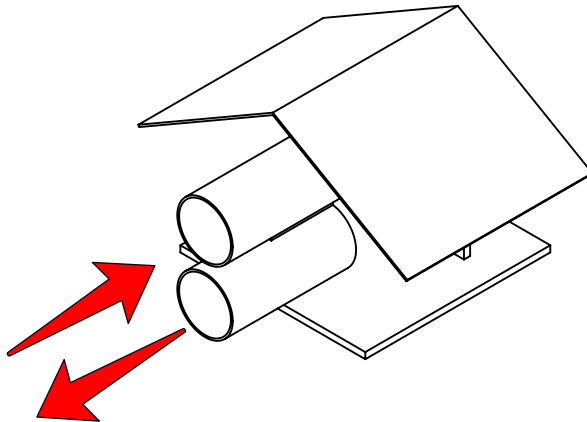
The product must be electrically connected to a system equipped with an effective earth conductor. (Must be grounded); The other requirements can be found on the data plate on the back. The power socket must be easily accessible.



The power cable must never touch the exhaust pipe or other hot surfaces.

5.6 Connecting to outside pellet source

For connecting the boiler and the vacuum pump with external source you will need a pellet suction probe placed in the bottom of the silo. The bottom pipe sucked pellets through from the hopper to the boiler. The top pipe (return line) – the air used by the turbine to create a vacuum flows through it. This way the air is returned, while the pellets remain in the boiler.



The maximum length of the hoses depends on the number of bends. Hoses with a length of up to 12 meters could be used with no more than 3 bends. Straight and sharp angles are not permitted!

Note that while the vacuum pump is working all the other augers of the boiler are stopped.



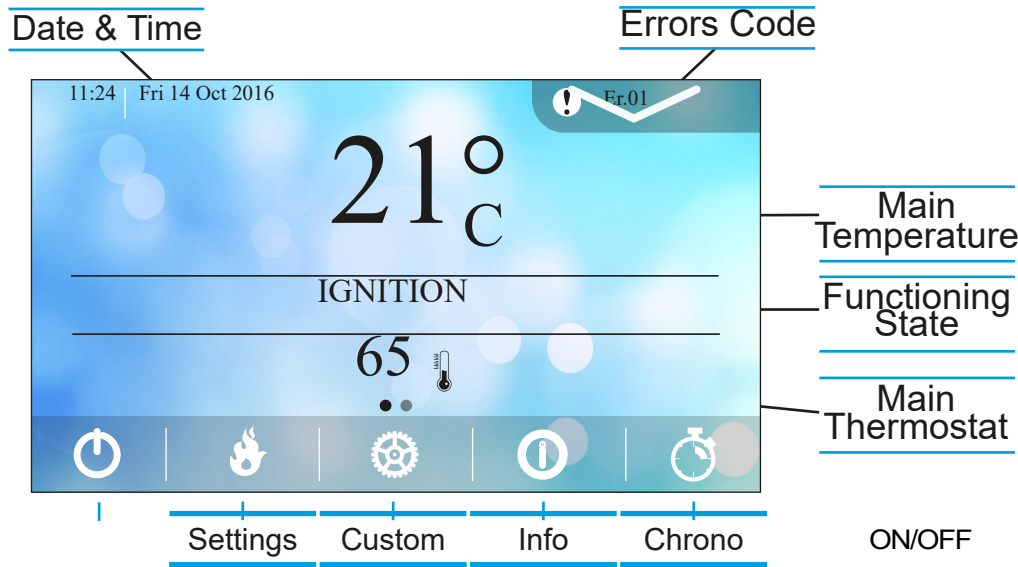
Before first use OR if the boiler bunker and silo are totally empty you will need to manually feed pellets from the controller.



For more information on how to connect your pellet suction probe refer to its own manual since there are specifics and differences for every manufacturer.

6. Operating with the display

6.1 Home page

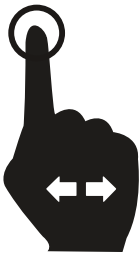


Homepage 1/3

In order to go to Homepage 2 a horizontal swipe must be performed to the right side of the screen. Here you can see indication leds.

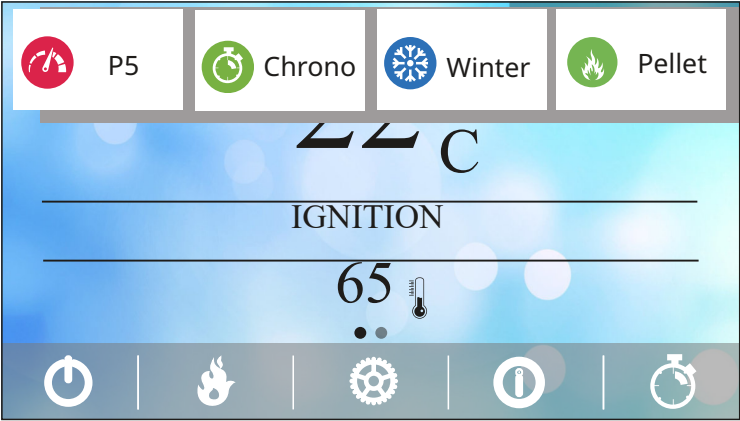


Homepage 2/3



The Quick visualisation of the system main function is accessed through a vertical swipe to the top side of the screen.

-  ChronoDaily
-  ChronoWeekly
-  ChronoWeekend
-  ChronoOFF
-  Winter
-  Summer



HOMEPAGE 3/3

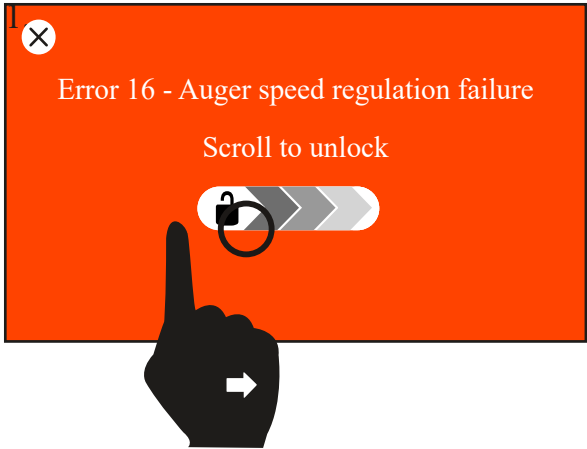
6.2 Error notifications



Blocking or non-blocking error is highlighted with a **!** and the related error code. When pressed the error window opens

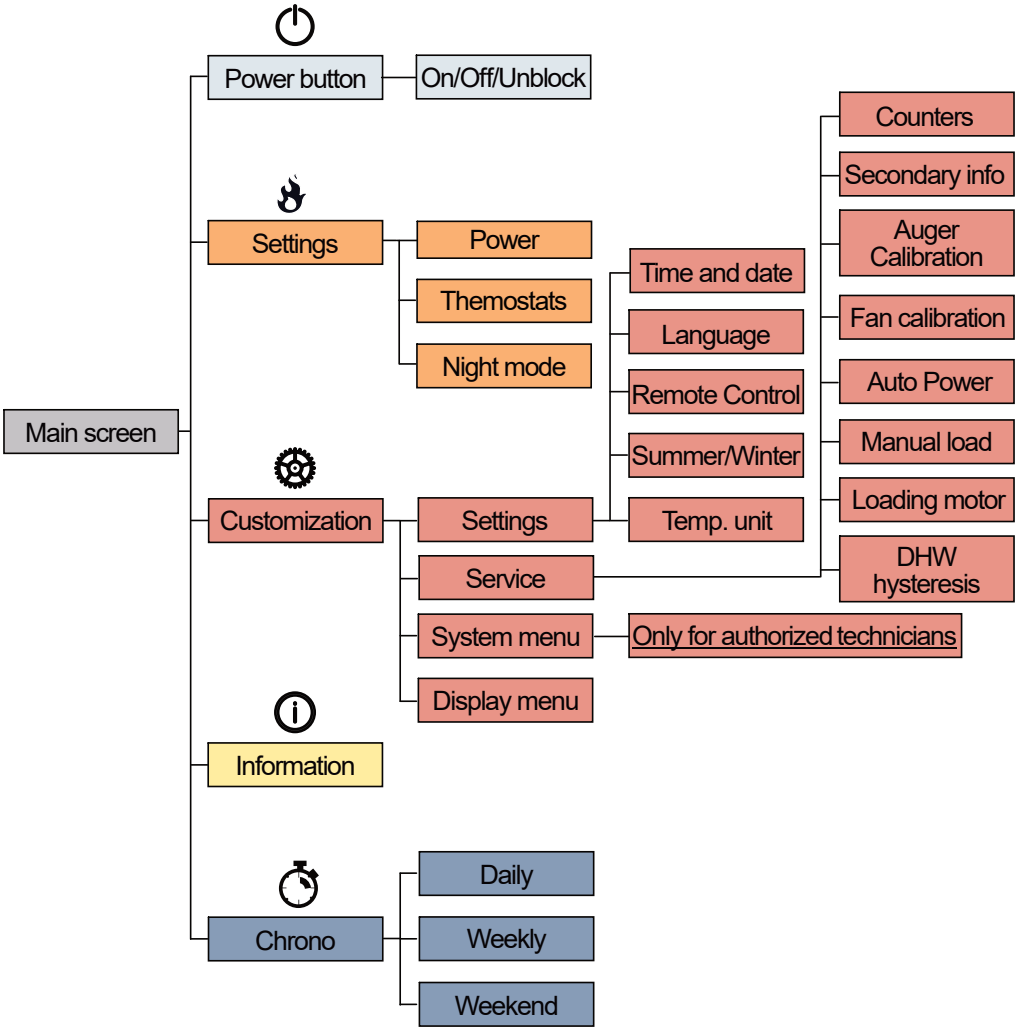
Error List	
Er10	10:50
Er 53	11:20
Er 53	11:20
Er 53	11:20
Er 53	11:20

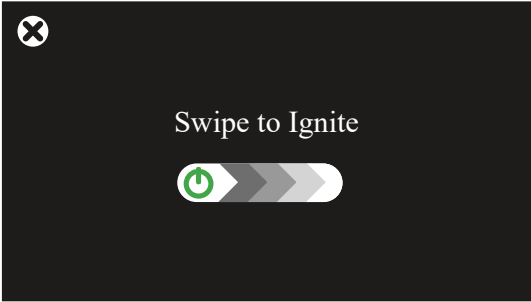
By clicking on (**i**) you can see the errors stored by date/time and description



When this message is on screen this means that the product is in blocking mode and you can remove the error. You can do this by swiping to the right in the center of the screen.

6.3 Menus and submenus

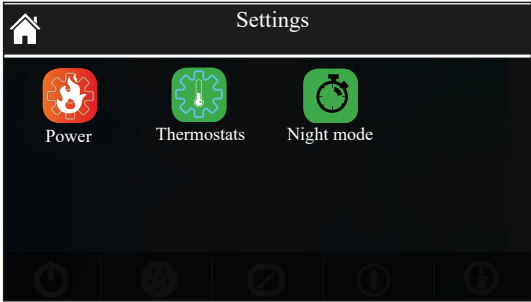




ON/OFF Menu

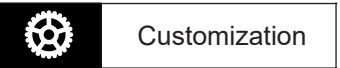
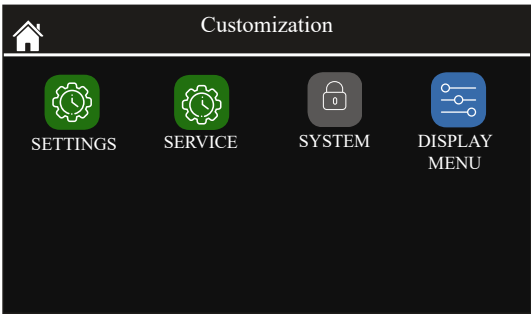
Screen image :

- System power ON
- System power OFF
- Alarms reset



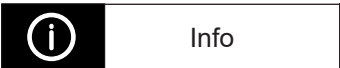
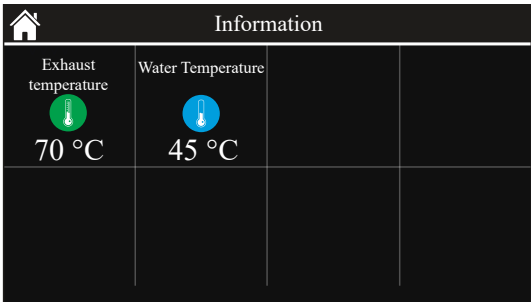
Settings

From this screen it is possible to view all the variables for the proper functioning of the heating system.



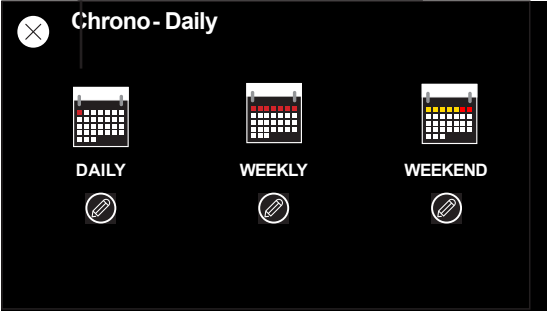
Customization

In this screen you can view all the variables of the control panel. Furthermore, it is possible to access the SYSTEM MENU which is reserved exclusively for technical personnel.



Info

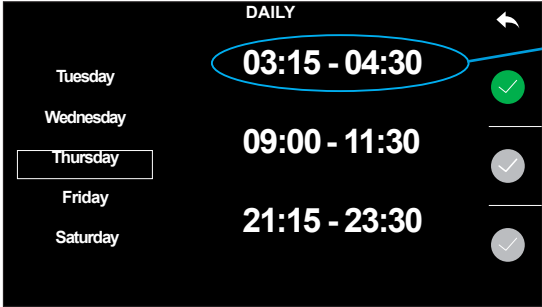
From this screen it is only possible to display the values of all inputs and outputs.



To select the desired CHRONO program, press on the respective tabs:

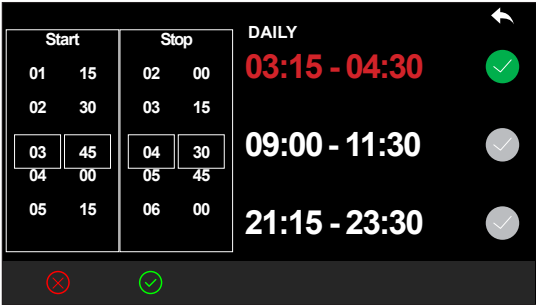
- Daily
- Weekly
- Weekend.

To change the chrono program, press on . If the chrono function is disabled all the tabs are grey.

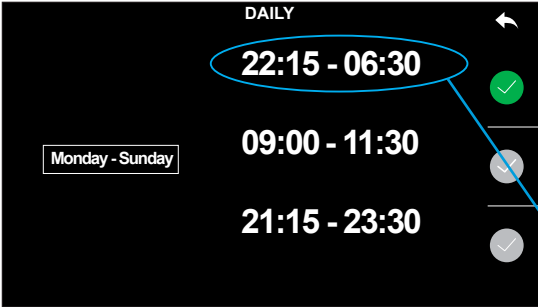


Click here to change the time band

To edit the time slots, press on the corresponding Frame Time.



Scroll Up or Down to change the System on/off Time.



Used if the boiler is close to a living quarters and needs to be more silent during a specific time period.

Click here to change the time band



Display menu options

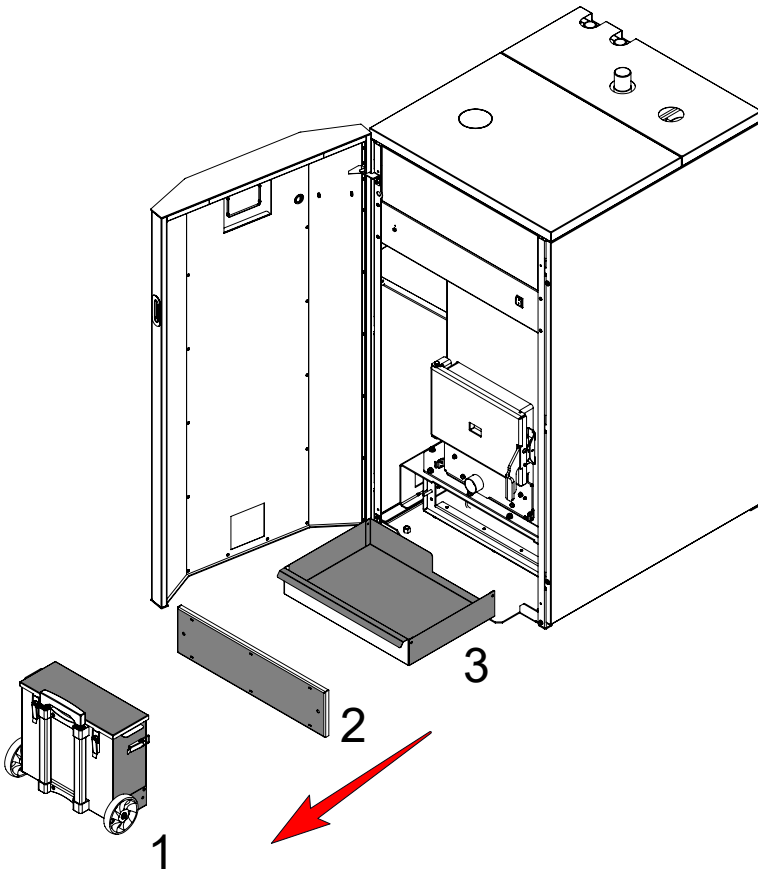
	Brightness.
	Minimum brightness: the function allows you to choose the minimum brightness level which the device automatically sets to after 30 seconds of inactivity.
	Standby display: if enabled, this function will set the screen to standby after 1 minute of inactivity.
	Control panel address: password-protected menu used to set the control panel address. In mod-bus, the address reserved for the local control panel is 16. The address of the first remote control panel is 17 and subsequently the others according to the number provided by the system.
	Control panel reboot: this function allows the control panel to be restarted.
	Sound: this function allows the user to enable / disable the sounds emitted from the control panel.
	Delete error list: this password protected function (the same as in the technical menu) allows the user to delete the list of errors recorded by the control panel. The errors recorded are 64.
	Nodes list: this menu allows the user to view all the devices connected via Mod-bus with their related firmware and revision.
	Wallpaper: menu used to select wallpapers loaded in the device. 8 backgrounds are available.
	Control panel info: this menu allows the user to view the firmware and revisions that make up the control panel in detail.

7. Cleaning



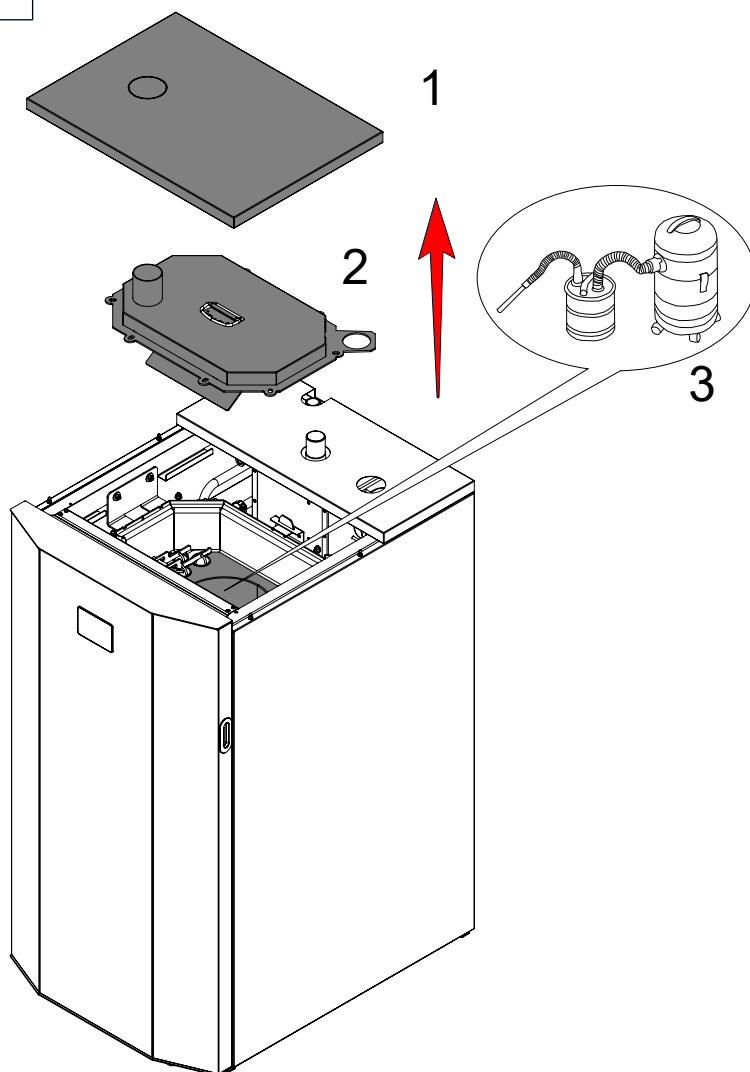
Before any type of cleaning of the boiler be sure it is switched off and cooled down!

Step1



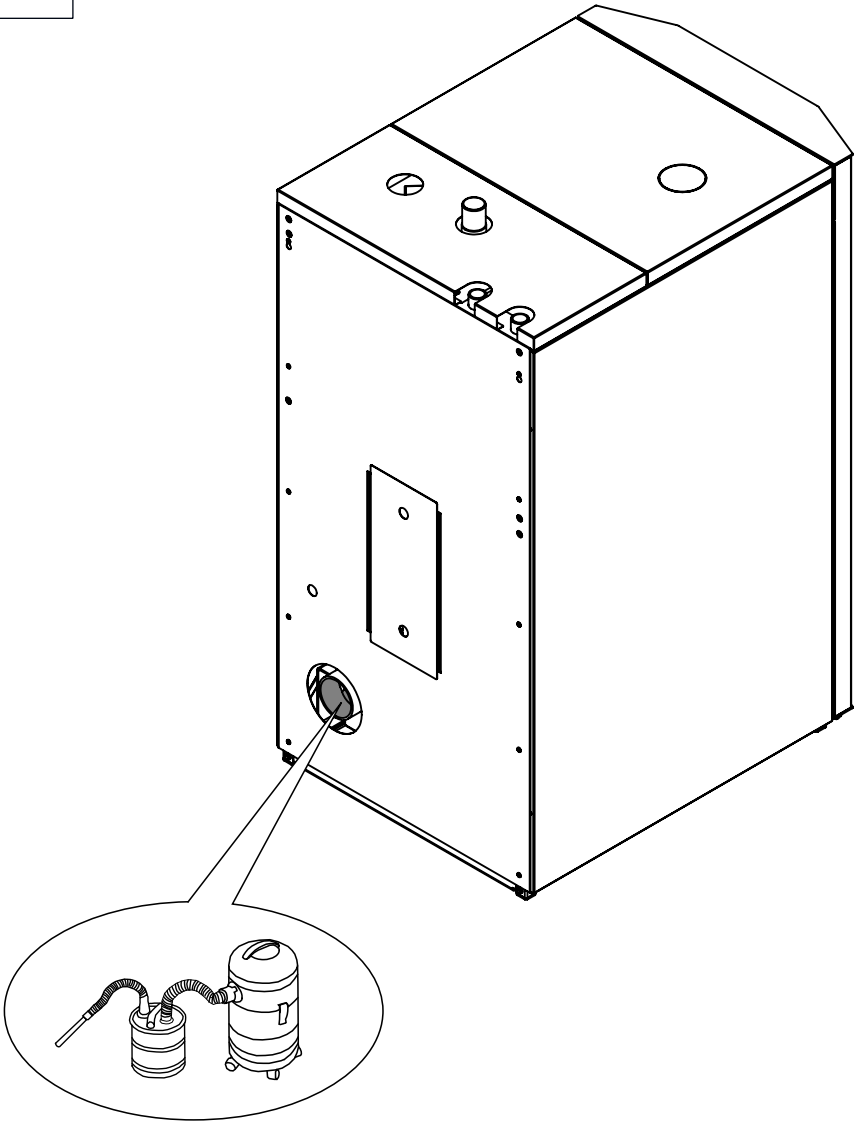
1. Pull out the ash container and empty it;
2. Remove the screws and the cover;
3. Pull out and empty the ash tray at the bottom of the boiler.

Step2



- 1.Remove the top decorative cover;
- 2.Remove the screws and the top cover of he burning chamber;
3. Use ash vacuum cleaner to clean the turbolators and the burning chamber.

Step3



Use ash vacuum cleaner to clean the flue gas outlet.

Step	Every 1500 kg of fuel	Once per year
1	X	
2		X
3		X

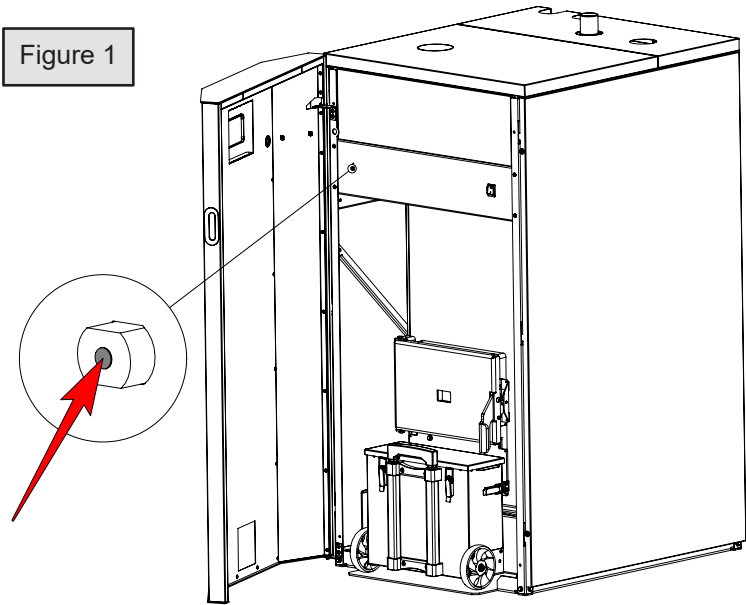
Cleaning intervals are recommended by the manufacturer and may vary according to the type of pellets and legal regulations in the respective country.



Always check all the seals integrity when performing some of the steps. If some seal is compromised it should be replaced as soon as possible.

8.Error codes and messages

Error code/message	Possible cause
	Solution



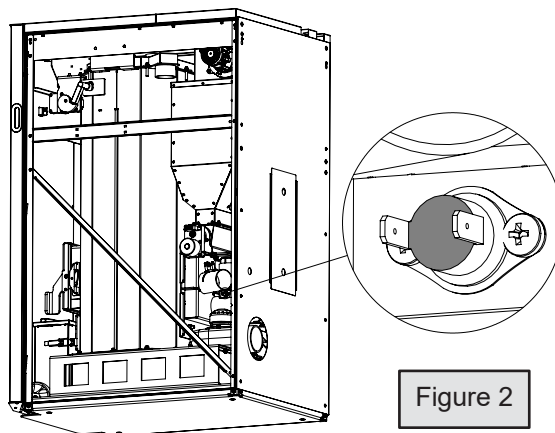


Figure 2

Er01 High voltage error 1	The temperature of the water is above the maximum for safety. The boiler will automatically turn off. Wait for it and check the water pump for malfunction. Check water safety protection and reboot it by pressing it. This error will not disappear or let you start the product before that. Check Figure 1 for location.
Er02 High voltage error 2	High temperature in the pellet hopper caused by poorly cleaned fire pot, sensor malfunction or backfire to the fuel bunker by any reason. Check Figure 2 for sensor location. Follow the cleaning procedure described in this manual and check for stuck fuel. If the error continues contact your technician.
Er03 Low flue gases temperature	Poor quality pellets, lack of pellets in the hopper, wet pellets. Check the quantity and quality of the pellets. Check the fuel pot for clogging and the fuel bunker for dust.
Er04 High water temperature in the water jacket	Pressure drop in the installation. Circulation pump malfunction. Badly vented installation. Check the system for leaks. Check the circulation pump. Check if there is something blocking the air inlet at the room.

Er05 High flue gas temperature	Uncleaned boiler. Sensor malfunction.
	Follow the cleaning procedure described in this manual. If this does not help contact your technician.
Er07 Encoder error	Encoder does not receive signal or fan failure. Broken encoder.
	Check the fan cable for damage. Try to disconnect and connect the fan cable.
Er08 Encoder fan error. Fan speed control failed.	The fan can not reach the set speed. Defective fan. Problem with the electronics. Low voltage of the power grid.
	Check the fan cable for damage. Try to disconnect and connect to power grid.
Er09 Low system pressure	The pressure in the system is lower than the minimum for normal exploitation.
	Check the water level in the system. Check for leaks.
Er10 High system pressure	The pressure in the system is higher than the maximum for normal exploitation.
	Check the system.
Er11 Electronics get wrong data.	Due to a power failure the clock and date are not correct. Failure in the electronics.
	Set the time and date correctly.

Er12 Ignition failed	Igniter malfunction. Lack of pellets. Uncleaned fuel pot. Need of adjustment.
	Visual inspection of the burning pot during start. Check the pellets quantity and if there is something blocking their way going down. Follow the cleaning procedure described in this manual for the fuel pot.
Er15 No power supply	Power failure during operation.
	Clear the error and check if the pot is clean to continue the work process.
Er16 Error RS485 Communication connection	Faulty connection of the control board with the display or damaged cable between them.
	Check the plug and the cables between the control board and the display.
Er23 Water temperature sensor	Some of the temperature sensors of the boiler or buffer is malfunctioning.
	Check the sensors are in order. Check their connection to the board.
Er41 Minimum airflow	Open door. Uncleaned boiler. Blocked or missing draft in the chimney.
	Check the door and the seal on it. Follow the cleaning procedures described in this manual.
Er42 Maximum airflow reached	High pressure in the chimney.
	Check the airflow sensor and the fresh air pipe. Please avoid to connect the fresh air pipe to exterior without a proper cap in the end.

9. Spare parts

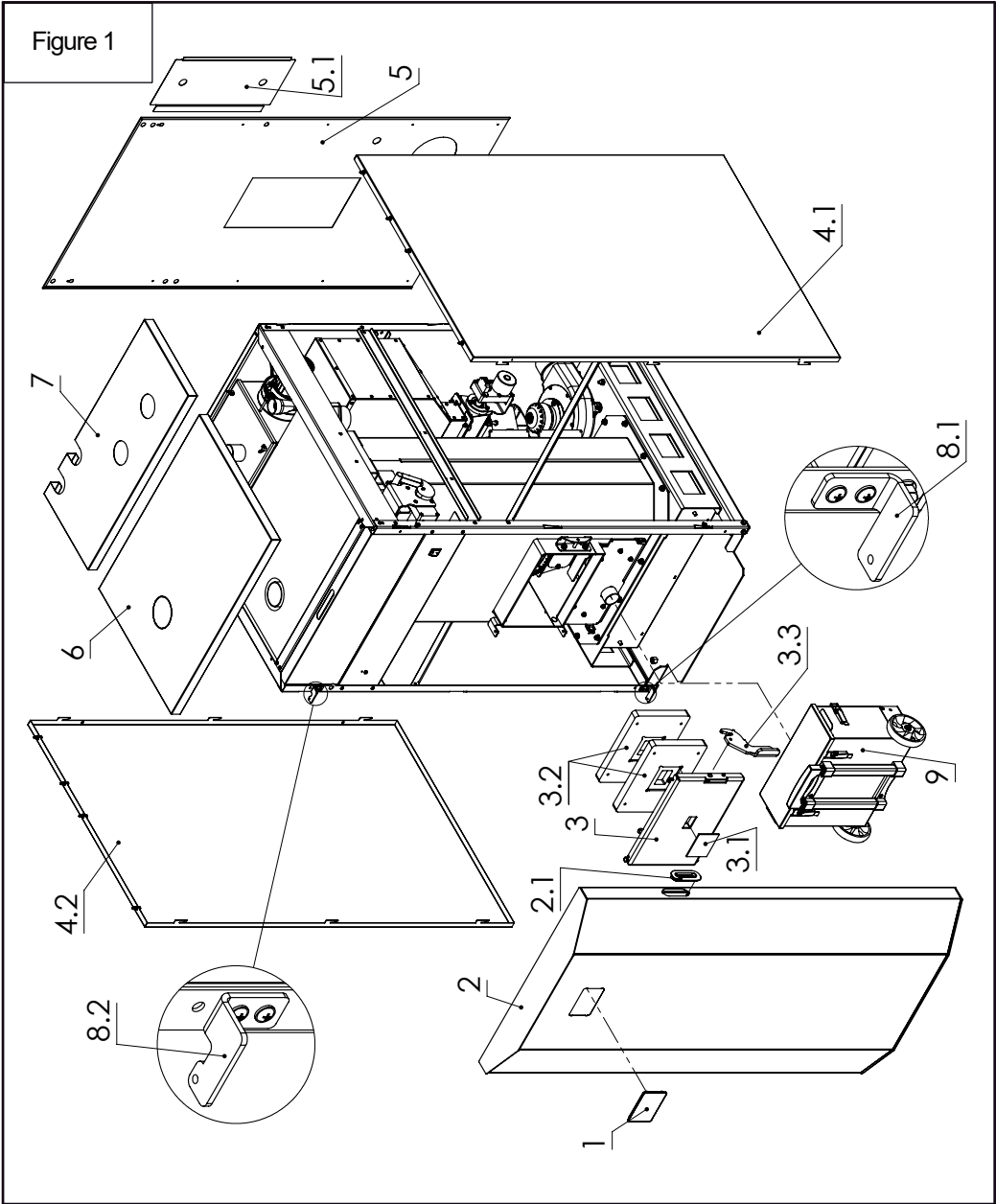


Figure 2

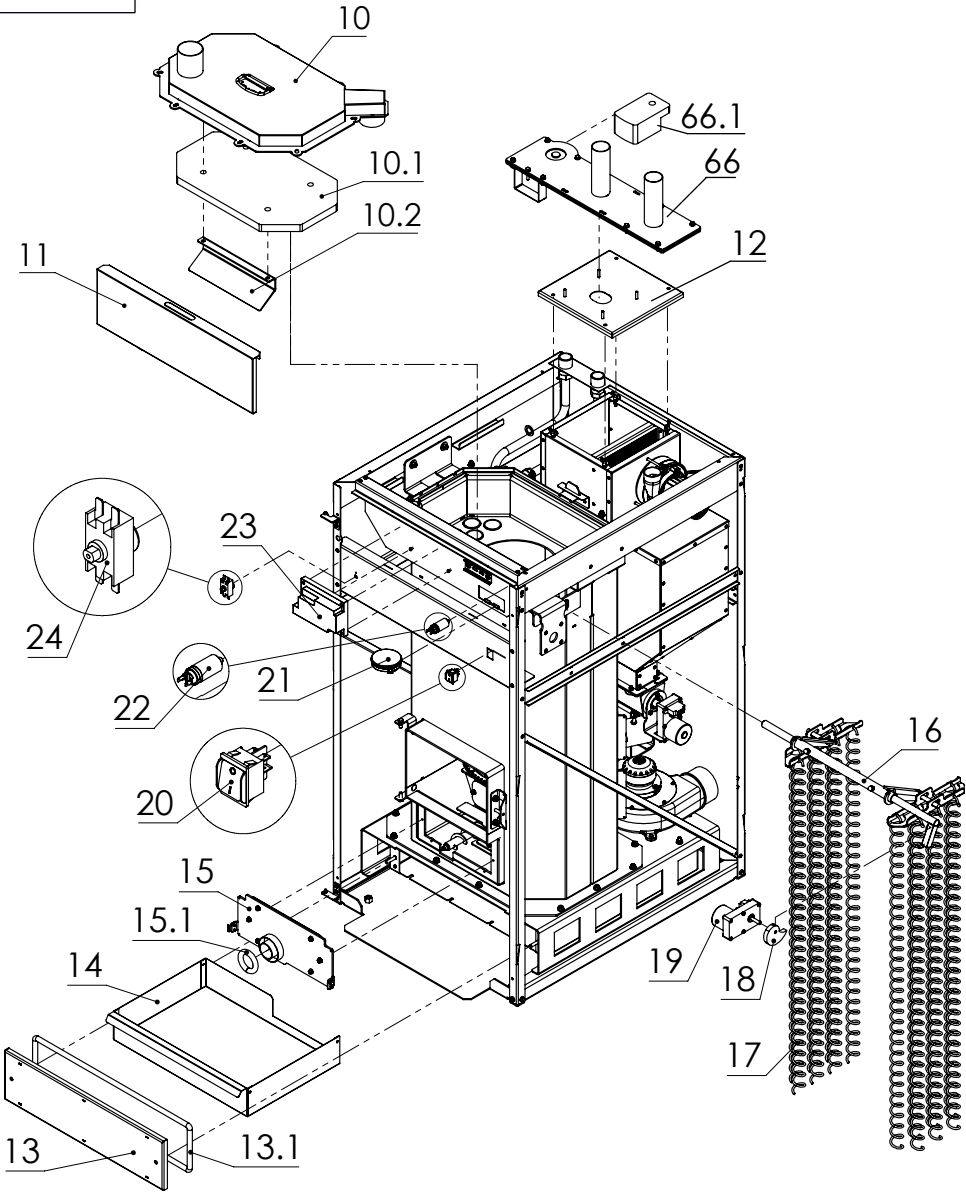
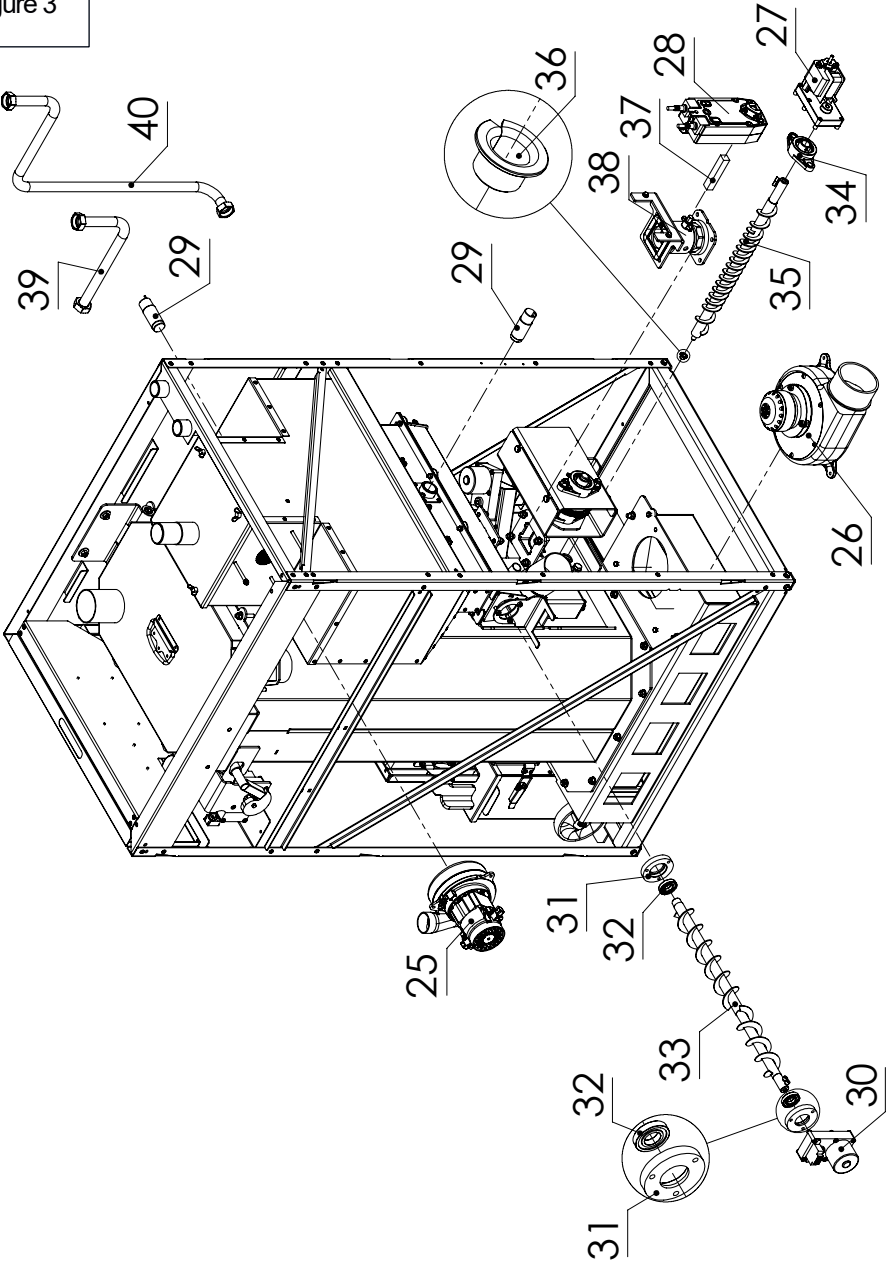


Figure 3



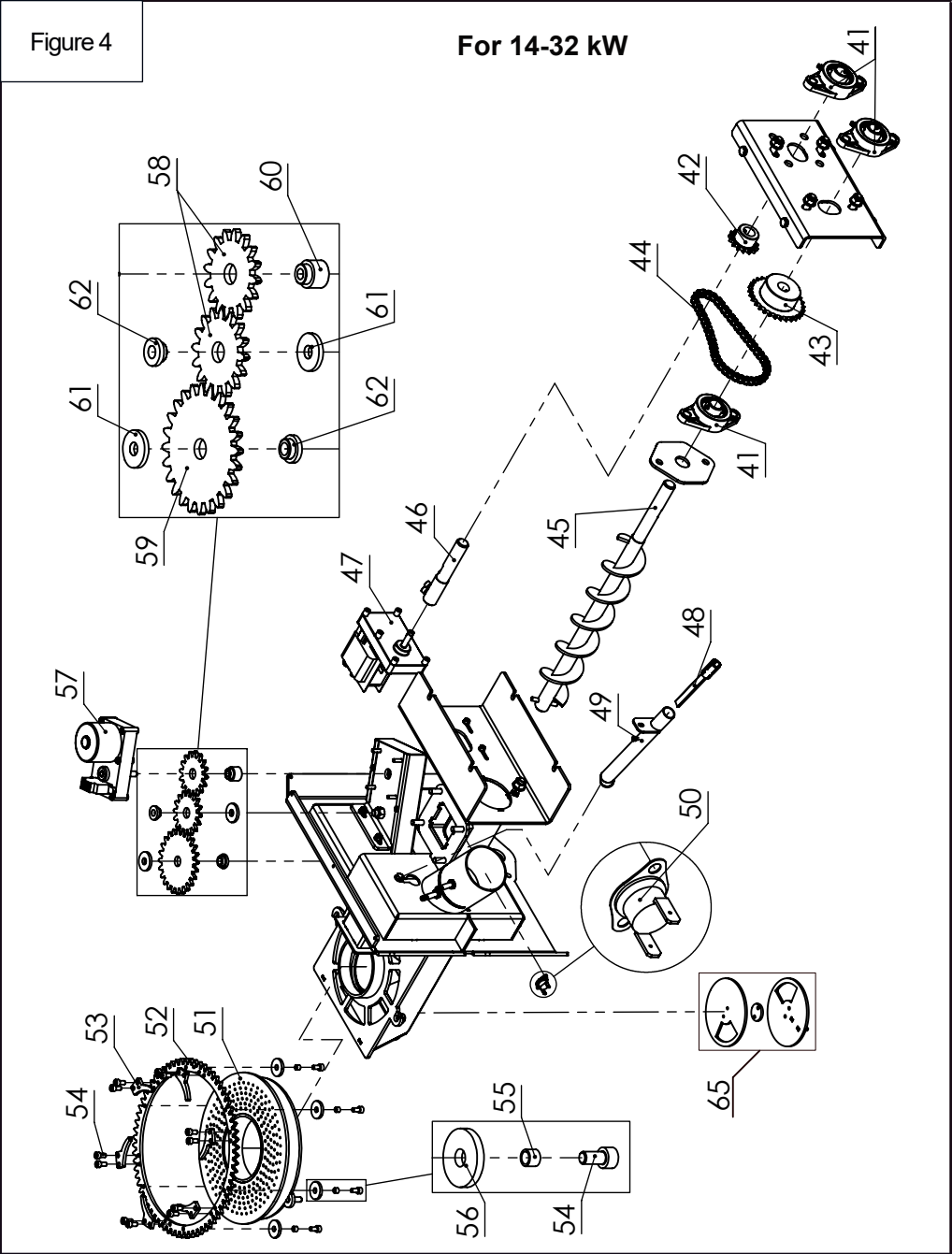


Figure 5

For 38-46 kW

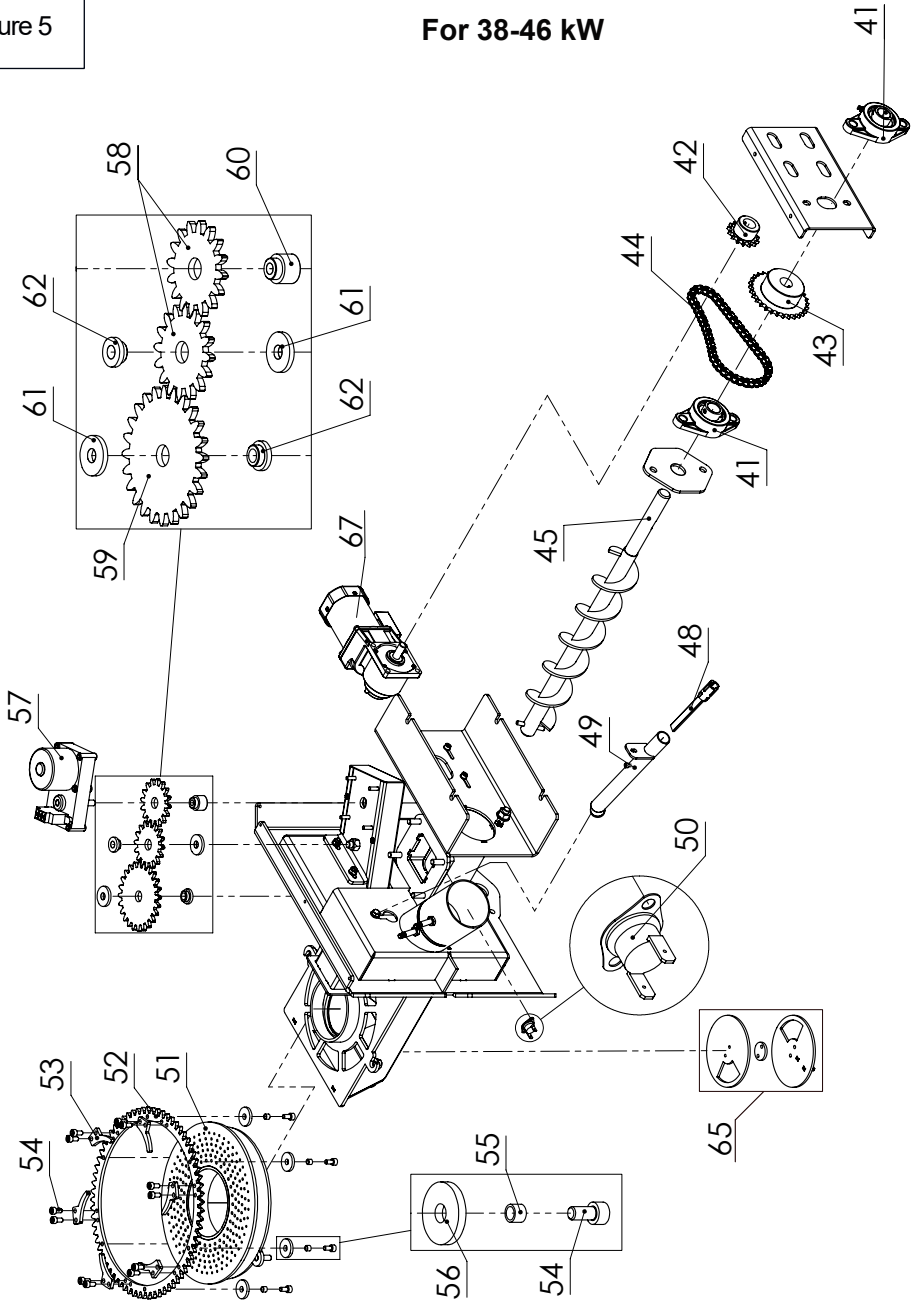
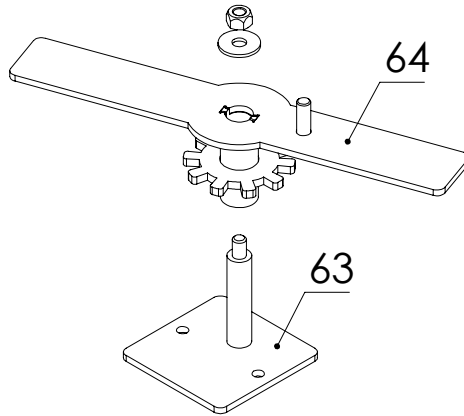


Figure 6



Ash stirring mechanism at the bottom of the burning chamber.

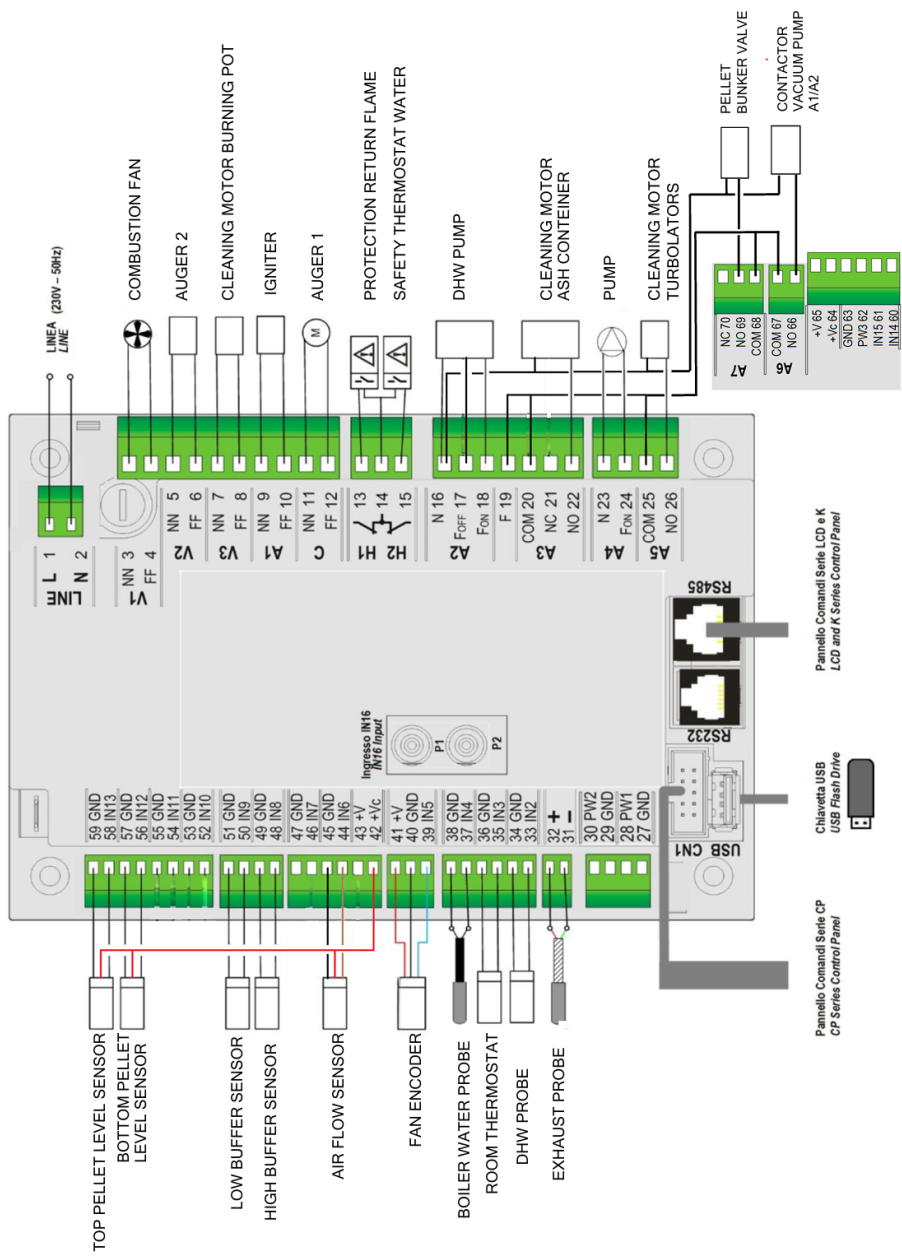


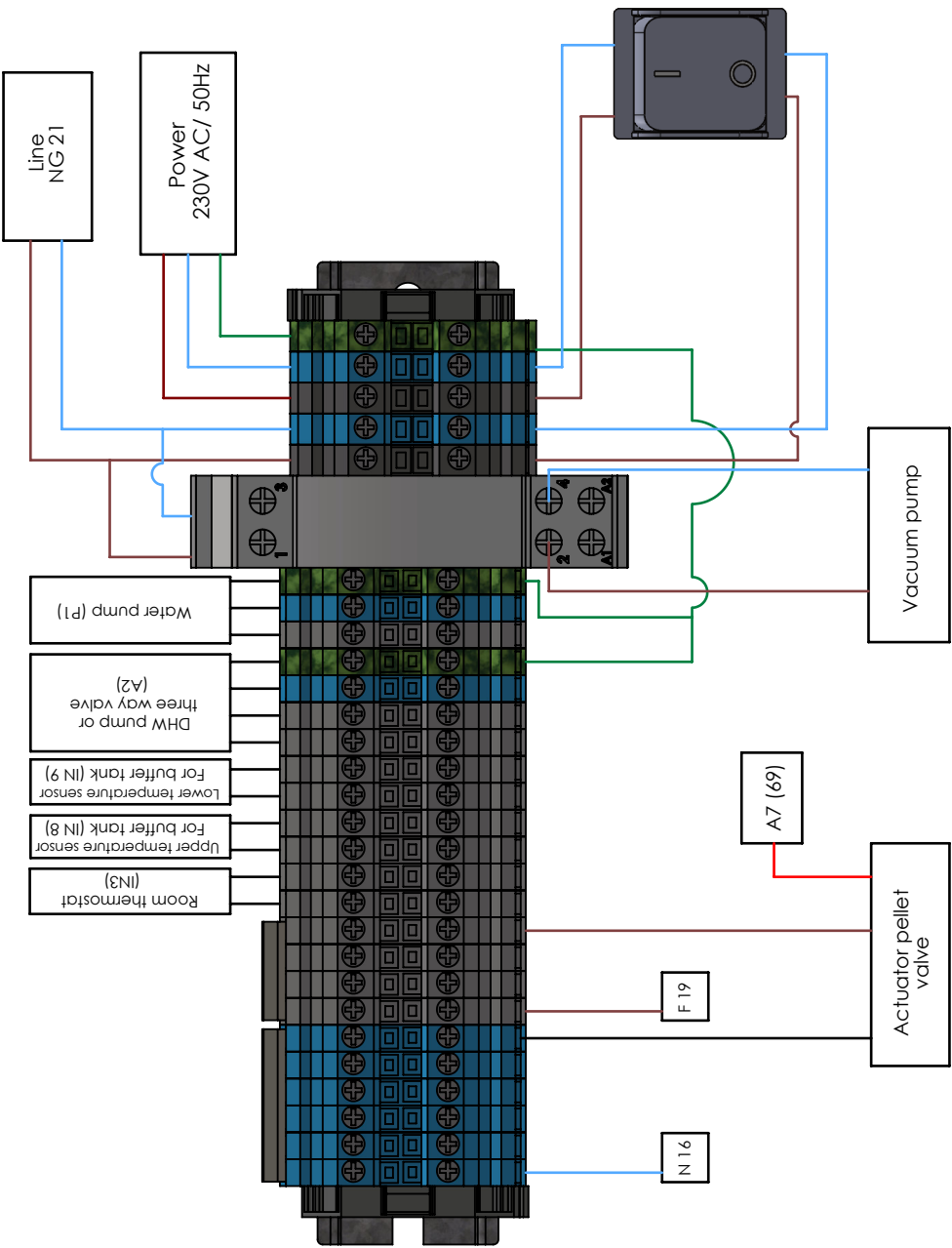
Using original spare parts provided only by “Mareli Systems” or authorized dealer is obligatory! Self repair or using non-original parts may lead to malfunction or injury.

Pos.	Name
1	Touchscreen display
2	Front door
2.1	Front door handle
3	Combustion chamber door
3.1	Glass combustion chamber door
3.2	Vermiculite for combustion chamber door (1 piece)
3.3	Combustion chamber door handle
4.1	Right side decorative cover
4.2	Left side decorative cover
5	Back panel
5.1	Service door for back panel
6	Top front panel
7	Top rear panel
8.1	Bottom front door hinge
8.2	Upper front door hinge
9	Ash container
10	Burning chamber top cover
10.1	Vermiculite for burning chamber cover
10.2	Deflector for burning chamber cover
11	Front top cover
12	Pellet bunker cover
13	Front bottom cover
13.1	Front bottom cover insulation
14	Ash tray
15	Front middle cover
15.1	Front middle cover insulation to ash bunker
16	Turbolators cleaning mechanism
17	Turbolator (1 piece)
18	Pushing wheel for cleaning mechanism
19	Motor reducer 2 RPM cleaning turbulators
20	On/Off Switch
21	Air flow regulation sensor
22	Capacitor for exhaust fan
23	Control board
24	Water overheating safety
25	Vacuum pump
26	Exhaust fan
27	Motor reducer cleaning ash
28	Actuator

Pos.	Name
29	Capacity sensor (1 piece)
30	Motor reducer secondary auger
31	Bearing housing (1 piece)
32	Bearing for secondary auger (1 piece)
33	Secondary auger spiral
34	Bearing with housing UCFL 204 (1 piece)
35	Auger spiral for cleaning ash
36	Sleeve for cleaning auger
37	Conenctor between actuator and valve
38	Ball valve and flanges
39	Hot water outlet
40	Cold water inlet
41	Bearing with housing UCFL 204 (1 piece)
42	Gear Z15
43	Gear Z30
44	Chain 06B
45	Main auger spiral
46	Axle
47	Motor reducer main auger
48	Quartz igniter
49	Quartz igniter pipe
50	Return flame sensor
51	Fuel grill
52	Cleaning mechanism stirring gear
53	Stirring gear pushers (1 piece)
54	Bolt ISO 4762 M6x12 A2 (1 piece)
55	Spacer
56	Washer
57	Motor reducer cleaning mechanism
59	Gear 16T (1 piece)
59	Gear 24T
60	Sleeve for motor reducer
61	Sleeve 1 for gear (1 piece)
62	Sleeve 2 for gear (1 piece)
63	Cleaner base
64	Cleaner stirrer
65	Ash valve under the burner
66	Pellet valve
66.1	Actuator for the pellet valve
67	Motor reducer main auger (for 38-46)

10. Control board wiring diagram





11. Storage and disposal

11.1 Disposal of package

The package of the appliance consist of wood, cardboard and plastic wrap. They should be separated and disposed according to local regulations.

11.2 Not used for idle periods

If the boiler is not used for a long periods (and/or at the end of each season), proceed as follows:

- Remove the pellets from the hopper.
- Disconnect the power supply.
- Clean following the procedures in this manual and check for damaged parts. Get them replaced by a qualified personnel.
- Protect the boiler from dust with suitable covering.
- Store in dry and sage place protected from atmospheric agents.

11.3 Disposal of the appliance

Follow the operations below for boiler decommissioning:

- Disconnect the boiler from the power supply and unplug it from the socket.
- Empty all pellets from the hopper.
- Seal the boiler inside strong packing.
- Dispose of the boiler as required by the regulations in force in the country of installation.

Scrapping and disposal of the appliance are the sole responsibility of the owner, who must act in compliance with the applicable laws in the country, regarding safety, respect and protection of the environment. At the end of its useful life the product must not be disposed of together with municipal waste. It can be taken ti the appropriate recycling centres set up by the municipalities, or to retailers that provide this service. Disposing of the product separately avoids possible negative consequences for the environment.

In particular, the electrical and electronic components must be separated and disposed of at centres authorized for this activity.

This symbol means the product must not be disposed together with domestic waste. 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 a suitable service, organization or dealer. For more information about how to collect electric and electronic equipment and the appliances, batteries and accumulators, please contact your local council or public authority competent to issue the relevant permit.



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Mareli Systems

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