EDILKAMIN
TECNOLOGIA DEL FUOCO

PELLET BOILER STOVE

CHERIE UP H

EN Installation, use and maintenance page 2

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Edition in English translated from the original version in Italian

The undersigned EDILKAMIN S.p.A., with registered office in Via Vincenzo Monti 47 - 20123 Milan (Italy) - Tax ID Code and VAT number 00192220192

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

PELLET STOVE, trade name EDILKAMIN, model CHERIE UP H

SERIAL NO.: Rating plate reference
CHERIE UP H: Performance declaration: (DoP - EK No. 092):

Moreover, the company hereby declares that:
the CHERIE UP wood pellet stove satisfies the requirements of the following European directives:
2014/35/EU - Low Voltage Directive
2014/30/EU - Electromagnetic Compatibility Directive

Dear Sir/Madam

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

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

Readers of the manual

This manual is addressed to:

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

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

General information

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

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

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

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

MEANING OF SYMBOLS

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

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

INFORMATION:
failure to comply with these requirements will compromise product use.

OPERATING SEQUENCE:
follow the instructions for the operations described.

Product identification and warranty.

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

Please keep:

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

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

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

This consists of:

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

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

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

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

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

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

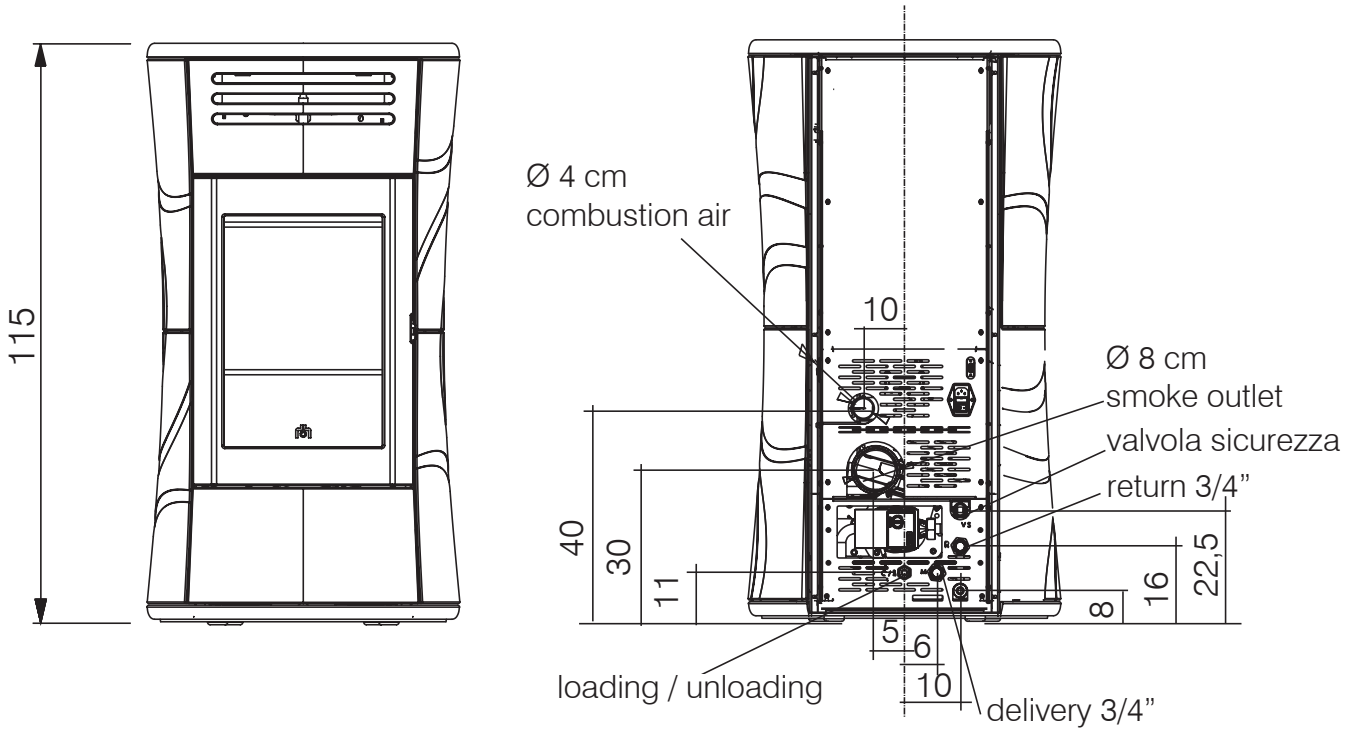
Safety risks may be caused by:

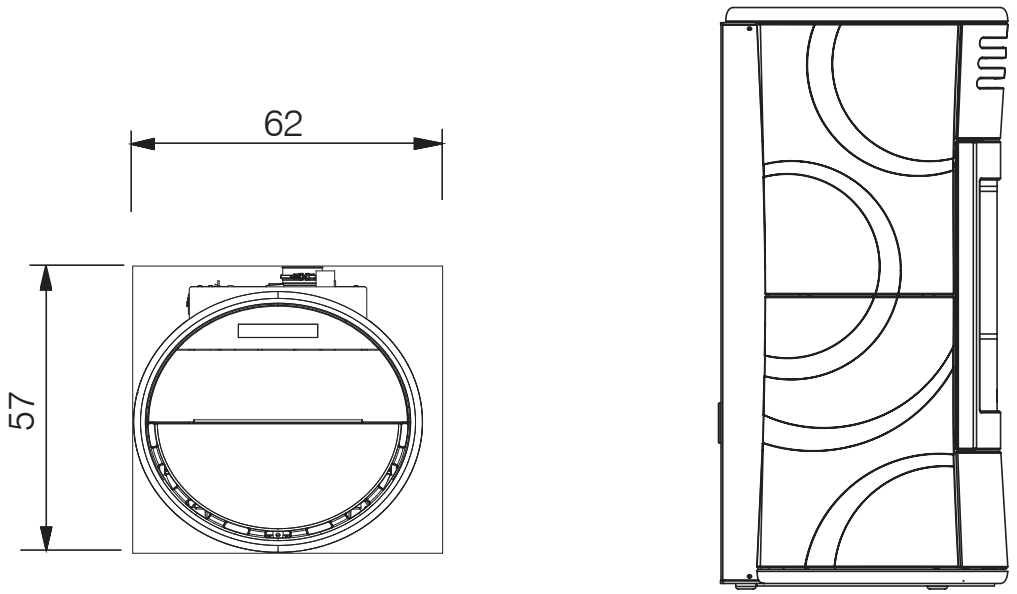
- installation in non-suitable settings, in particular those that are subject to fire risks. DO NOT INSTALL THE PRODUCT IN AREAS SUBJECT TO THE RISK OF FIRE.
- contact with fire and hot parts (e.g. glass panel and pipes). DO NOT TOUCH HOT PARTS and, when the stove is switched off and still hot, always wear the glove supplied.
- contact with live electrical equipment (internal). DO NOT ACCESS THE INTERNAL ELECTRICAL EQUIPMENT WHILE THE APPLIANCE IS POWERED ON. Electrocution hazard.
- use of improper ignition aids (e.g. alcohol). DO NOT IGNITE OR BOOST THE FLAME WITH FLUID SPRAYS OR A FLAME TORCH. Serious risk of burns, damage and injury.
- use of fuel other than wood pellets. DO NOT BURN WASTE MATTER, PLASTIC OR OTHER MATERIALS THAN WOOD PELLETS IN THE COMBUSTION CHAMBER. The product may become soiled, the flue may catch fire, and environmental damage may ensue.
- cleaning the combustion chamber when hot. DO NOT CLEAN THE HEARTH WITH A VACUUM CLEANER WHILE IT IS HOT. You could damage the vacuum-cleaner and risk the emission of smoke in the room.
- cleaning the smoke duct with cleaning products. DO NOT CLEAN THE PRODUCT WITH FLAMMABLE PRODUCTS. Risk of fire or blowback.
- cleaning the glass pane while hot or with unsuitable cleaning products. DO NOT CLEAN HOT GLASS WITH WATER. ONLY USE RECOMMENDED GLASS CLEANING PRODUCTS. Risk of cracking and permanent, irreparable damage to the glass.
- the storage of flammable materials at a distance which is less than the safe distances listed in this manual. DO NOT PLACE LAUNDRY ON THE APPLIANCE. DO NOT PLACE DRYING RACKS WITHIN THE SAFETY CLEARANCE. Keep flammable fluids away from the appliance. Fire hazard.
- blocking the aeration vents and air intakes in the room. DO NOT BLOCK THE AERATION VENTS OR FLUE. Risk of smoke returning into the room with consequent damage and injury.
- use of the product as a support or ladder. DO NOT CLIMB ONTO THE PRODUCT OR USE IT AS A SUPPORT. Risk of damage and injury.
- use of the stove with the combustion chamber open. DO NOT USE THE PRODUCT WITH ITS DOOR OPEN.
- incandescent material projected from the open door. DO NOT throw incandescent material outside the appliance. Fire hazard.
- use of water in case of fire. CALL THE AUTHORITIES if a fire breaks out.
- never operate the product without water in the circuit.
- running it dry can damage it.

If you have doubts, please do not take any action, but contact the retailer or the installer.

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

DIMENSIONS cm





TECHNICAL CHARACTERISTICS in accordance with EN 14785			
	Nominal power	Reduced power	
Available power	16,2	4,8	kW
Power for water	11,8	3	kW
Efficiency	91,6	97,6	%
CO emissions at 13% O_2	0,010	0,025	%
Fumes temperature	129	56	°C
Fuel consumption	3,4	1	kg/h
Tank capacity	29		kg
Draw	12	5	Pa
Autonomy	9	29	hours
Heatable volume *	390		m^3
Water content	80		l
Maximum operating water pressure	40		bar
Fumes outlet diameter (male)	250/237/230/265		mm
Air intake diameter (male)	40		mm
Weight including packaging	250/237/230/265		kg

TECHNICAL DATA FOR RATING THE FLUE which must in any case satisfy the requirements of this sheet and the installation instructions for the product			
	Nominal power	Reduced power	
Fumes temperature at outlet	155	67	°C
Minimum draw	0-5		Pa
Fumes flow rate	10.6	3.6	Rps

* The heatable volume is calculated for a house insulated pursuant to Italian Law 10/91 and subsequent amendments, and a heating demand of 33 Kcal/m^3 hour.

ELECTRICAL SPECIFICATIONS	
Power supply	230 V AC +/- 10% 50 Hz
Mean absorbed power	120 W
Power absorption during ignition	400 W
Protection rating	Fuse 2 AT 250 V AC 5x20

The manufacturer reserves the right to modify the product at his own discretion and without notification.

PREPARATION AND UNPACKING

The packaging materials are neither toxic nor noxious and do not require special disposal. The user is responsible for storing, disposing of and recycling them in a regulatory fashion.

PACKAGING

CHERIE UP STEEL

One package containing:
- the stove structure
- the box with the steel side panels
- the box with the bottom front panel, brackets and small parts
- the box with the cast iron top

CHERIE UP CERAMIC

One package containing:
- the stove structure
- the box with the ceramic side panels
- the box with the bottom front panel, brackets and small parts
- the box with the ceramic top

CHERIE UP GLASS

One package containing:
- the stove structure
- the box with the glass side panels
- the box with the bottom front panel, brackets and small parts
- the box with the cast iron top

CHERIE UP STONE

One package containing:
- the stove structure
- the box with the side panels
- the box with the bottom front panel
- the box with the cast iron top

The product contains: the warranty certificate, the glove, this manual, the power supply cable, the device for activating the cleaning system (see the “Maintenance” paragraph). The lever for opening the door is on the pallet.

TO REMOVE THE PALLET (ALL MODELS)

The stove is secured to the pallet with brackets at the front and at the back.

Undo the screws on each bracket

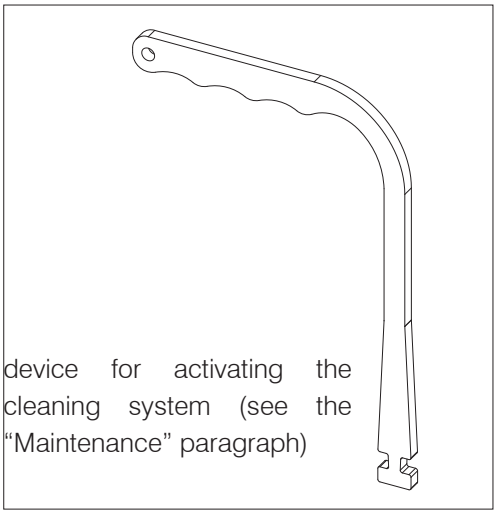
Carry out all movements in a vertical position, using appropriate means. Be careful to follow all relevant safety regulations.

Take care not to tip the product over.

ADJUSTABLE FEET

The stoves have four adjustable feet to adapt to uneven floors.

They can be adjusted by lifting the boiler stove slightly.

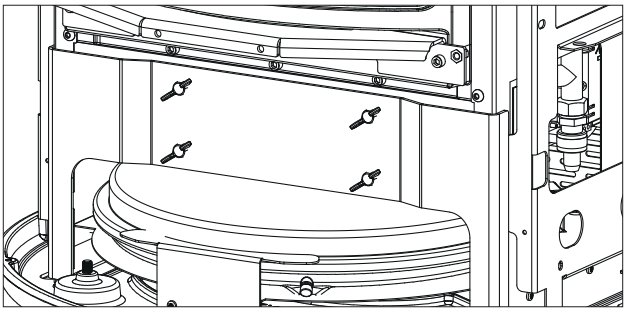


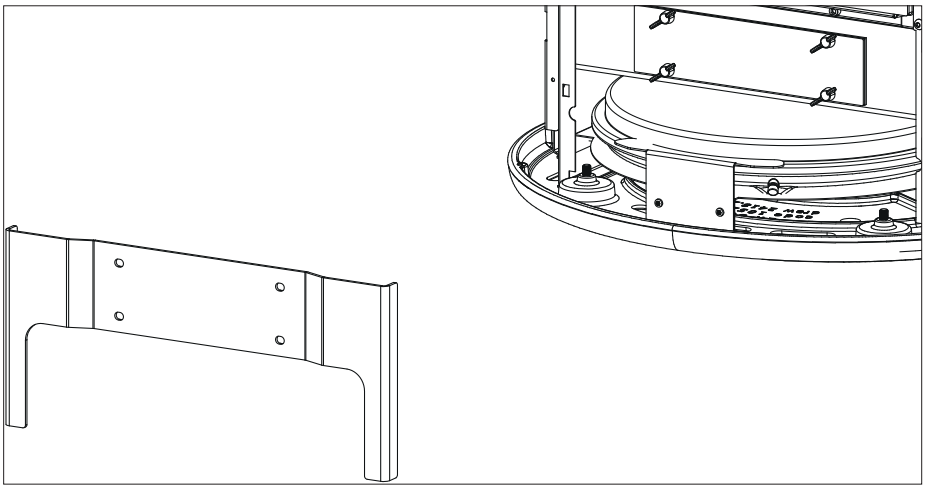
device for activating the cleaning system (see the “Maintenance” paragraph)

HOW TO REMOVE THE TRANSPORTATION REINFORCING BRACKET

Just unscrew the wing nuts and remove the bracket.

Use the same wing nuts to tighten the inspection plate



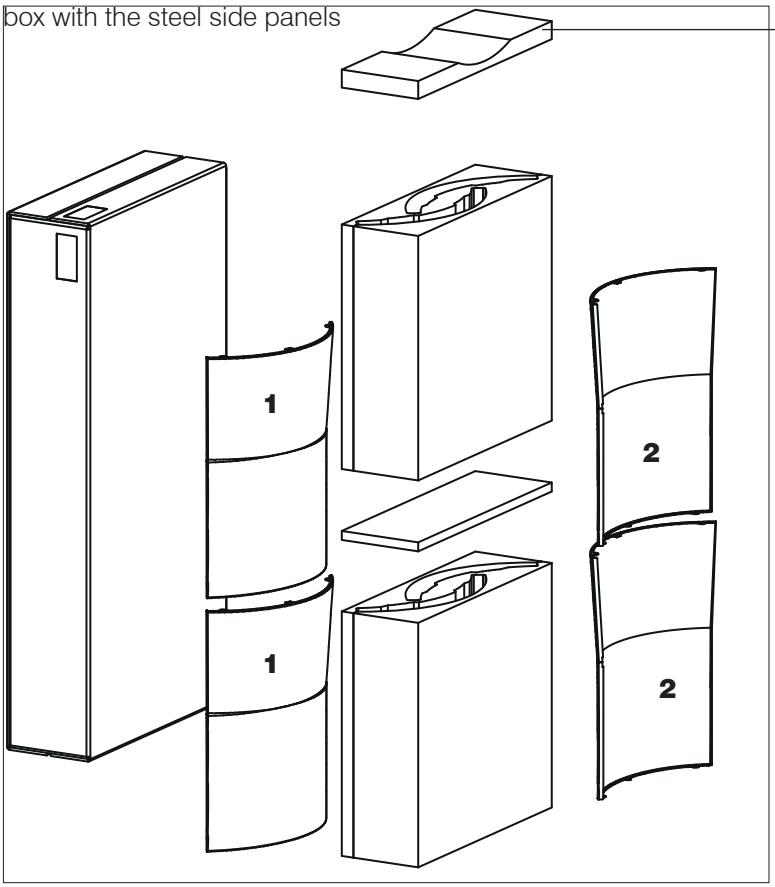


As indicated in the “Packaging” section, the steel cladding parts are contained in three separate boxes

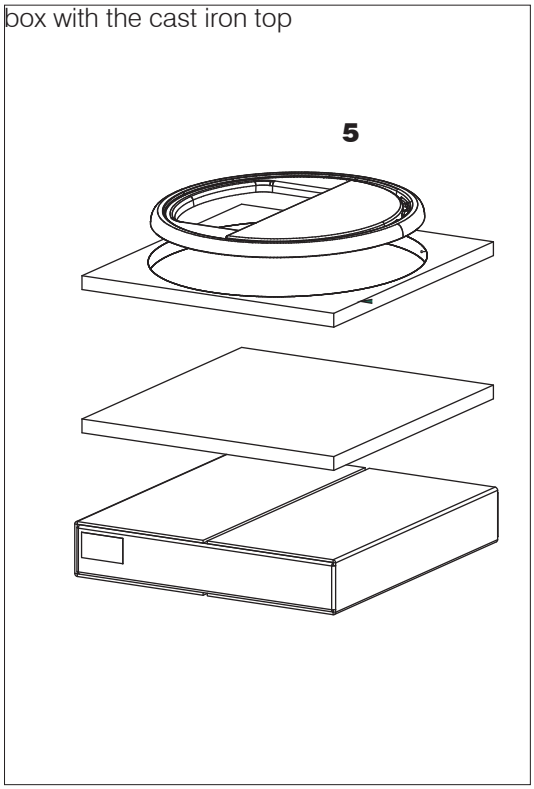
- the box with the steel side panels
- the box with the bottom front panel, brackets and small parts
- the box with the cast iron top

box with the steel side panels

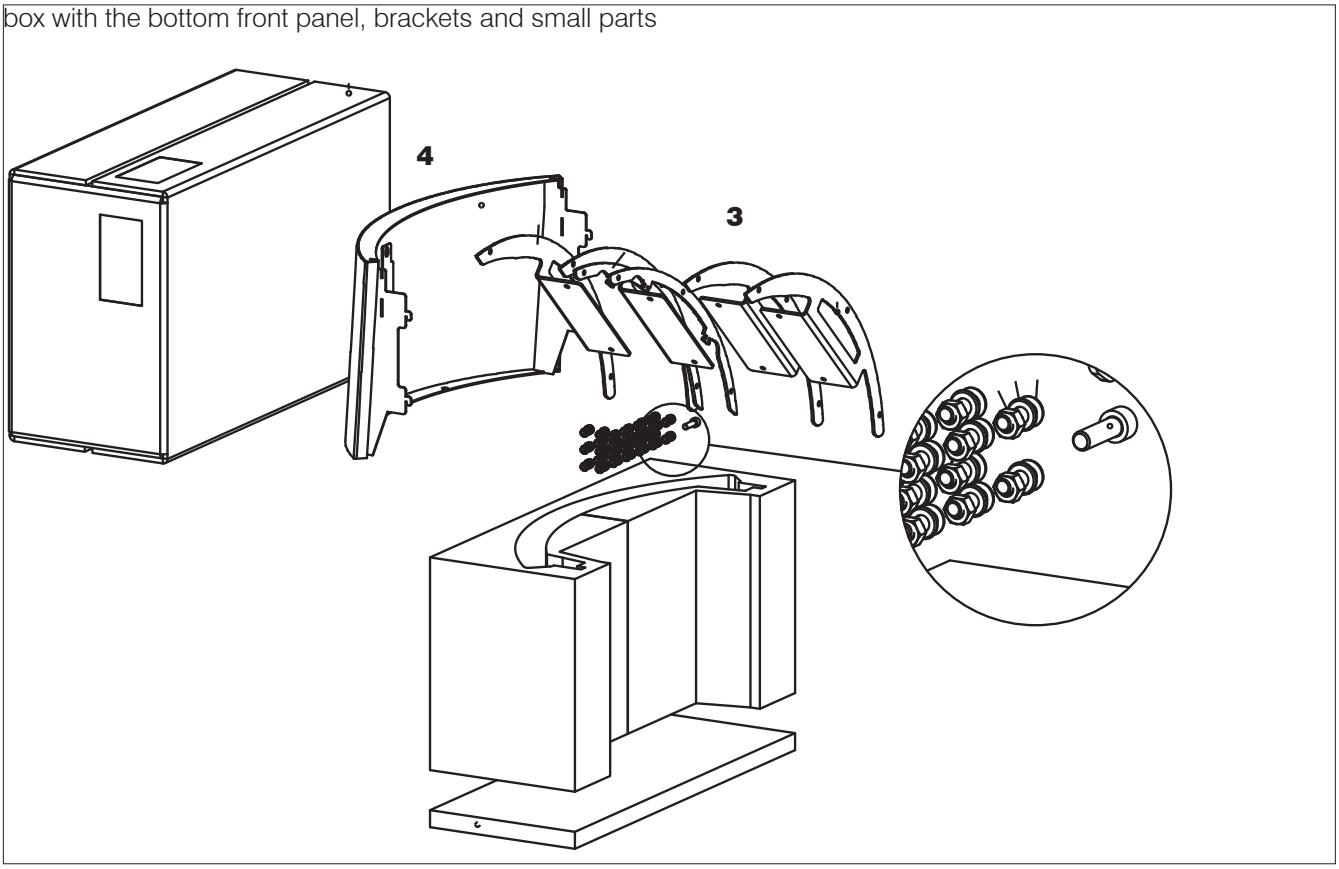
keep this for the assembly of the cladding



box with the cast iron top



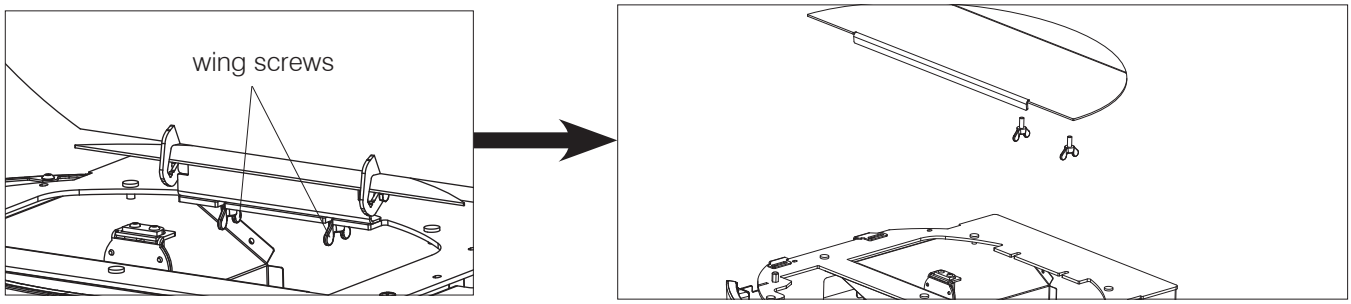
box with the bottom front panel, brackets and small parts



Description	Reference in Figures	Quantity
Side panel (bottom right or top left)	**(1)**	2
Side panel (bottom left or top right)	**(2)**	2
Brackets for fitting the side panels and small parts	**(3)**	brackets for the side panels (2 per side panel) washers, nuts, M5 screws 4 M5 toothed washers for side panels 20 M6 screws and M6 toothed washers for front panel
Bottom front panel	**(4)**	1
Cast iron top	**(5)**	1

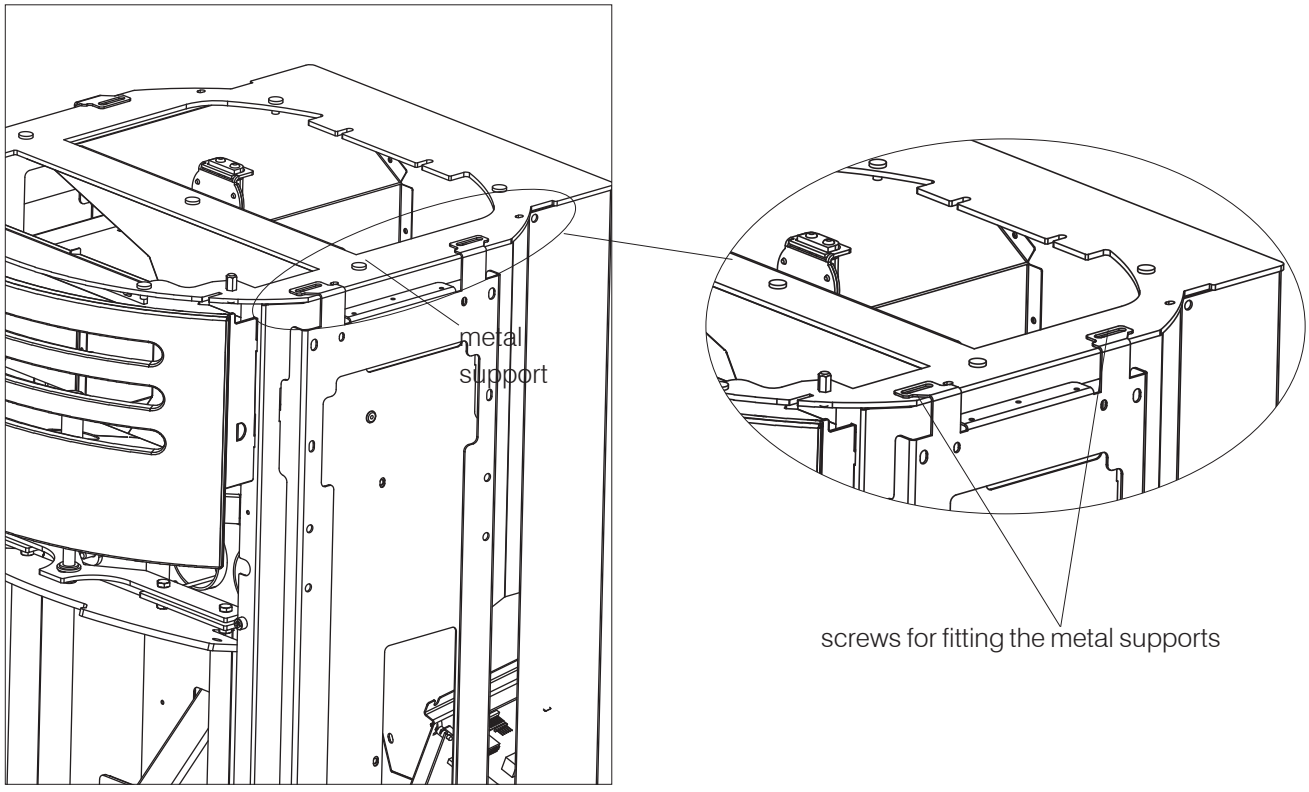
1. Remove the pellet tank cover

Loosen the wing screws underneath and remove the pellet tank cover by pulling it towards the front. This will subsequently enable you to position the top and screw on the side panels.



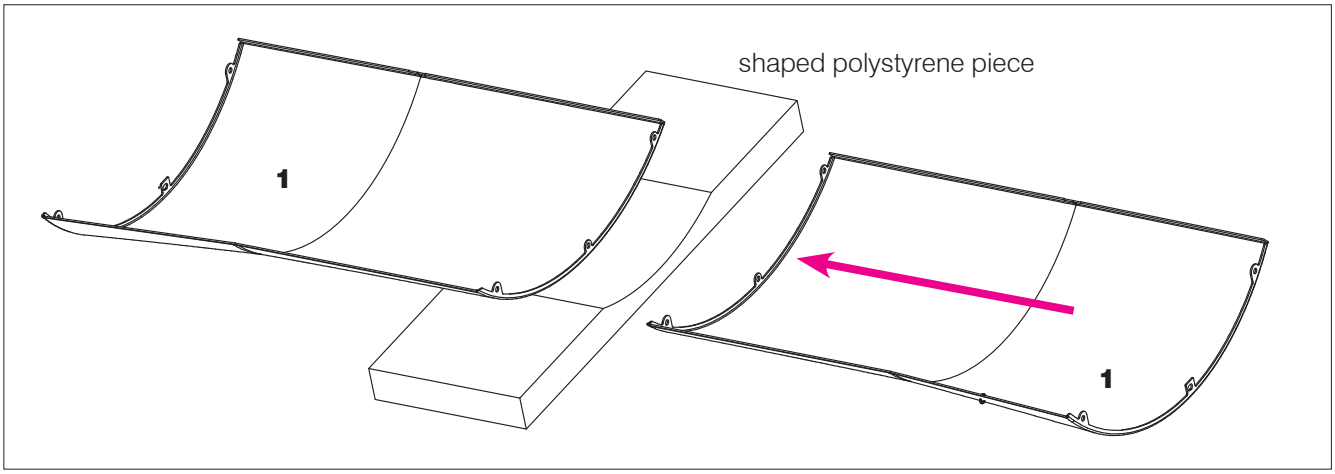
2. Assembling and fitting the side panels onto the structure

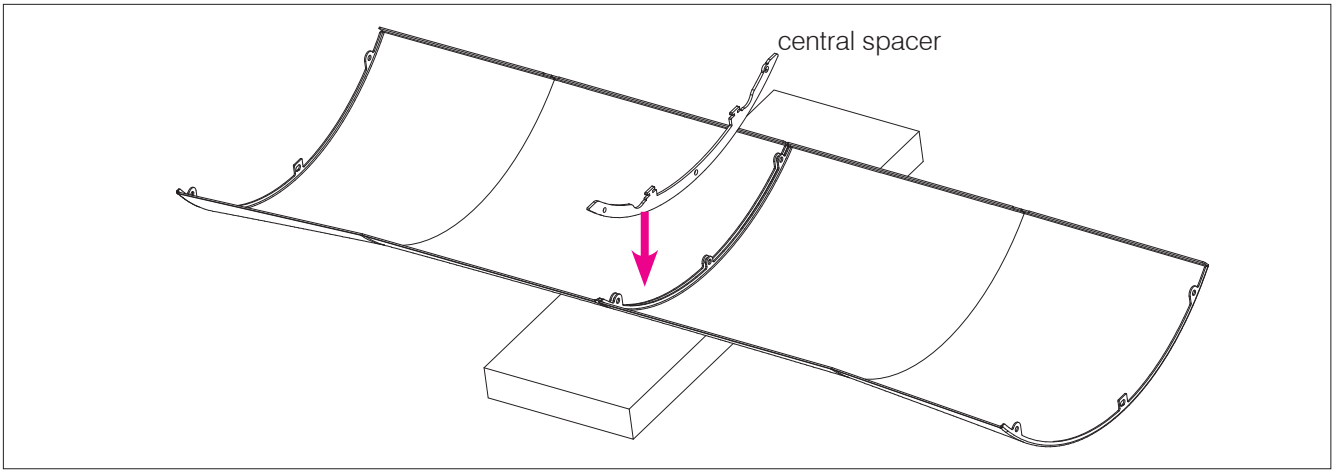
On each of the sides, undo the metal support screws, unhook the metal support and remove it.

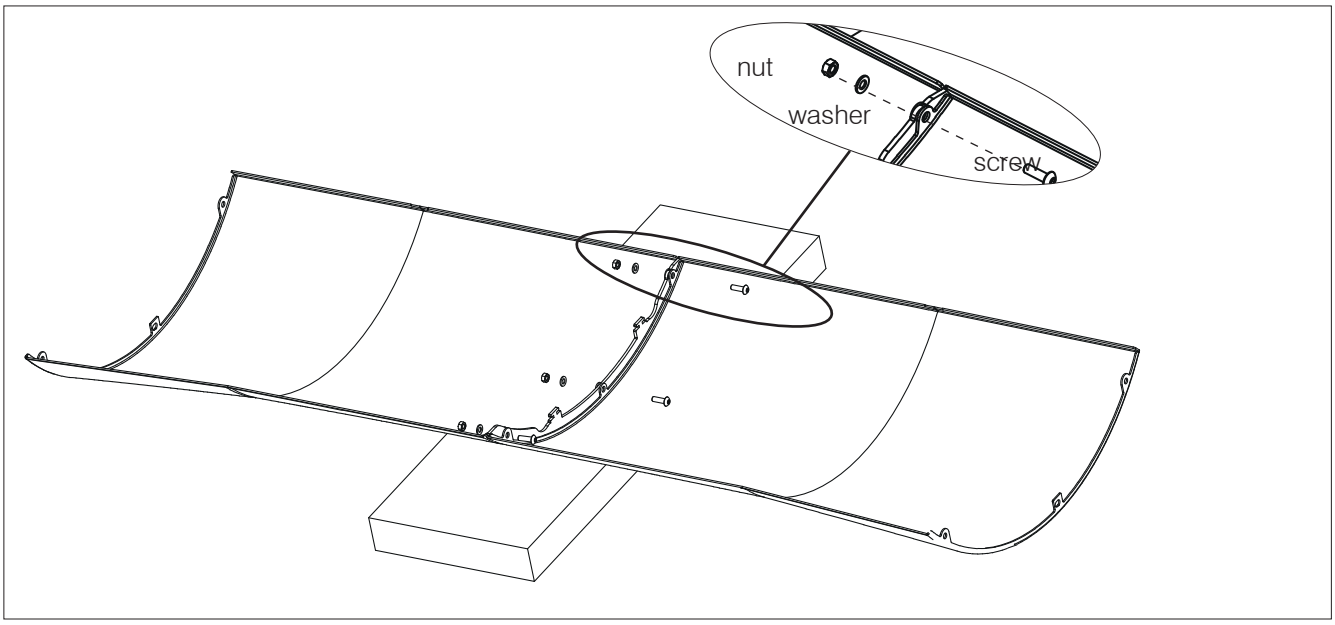


To assemble the two sides, we recommend that you place them on the shaped polystyrene piece and proceed as follows

1. bring the side panels together, place the central spacer and screw them together (1);



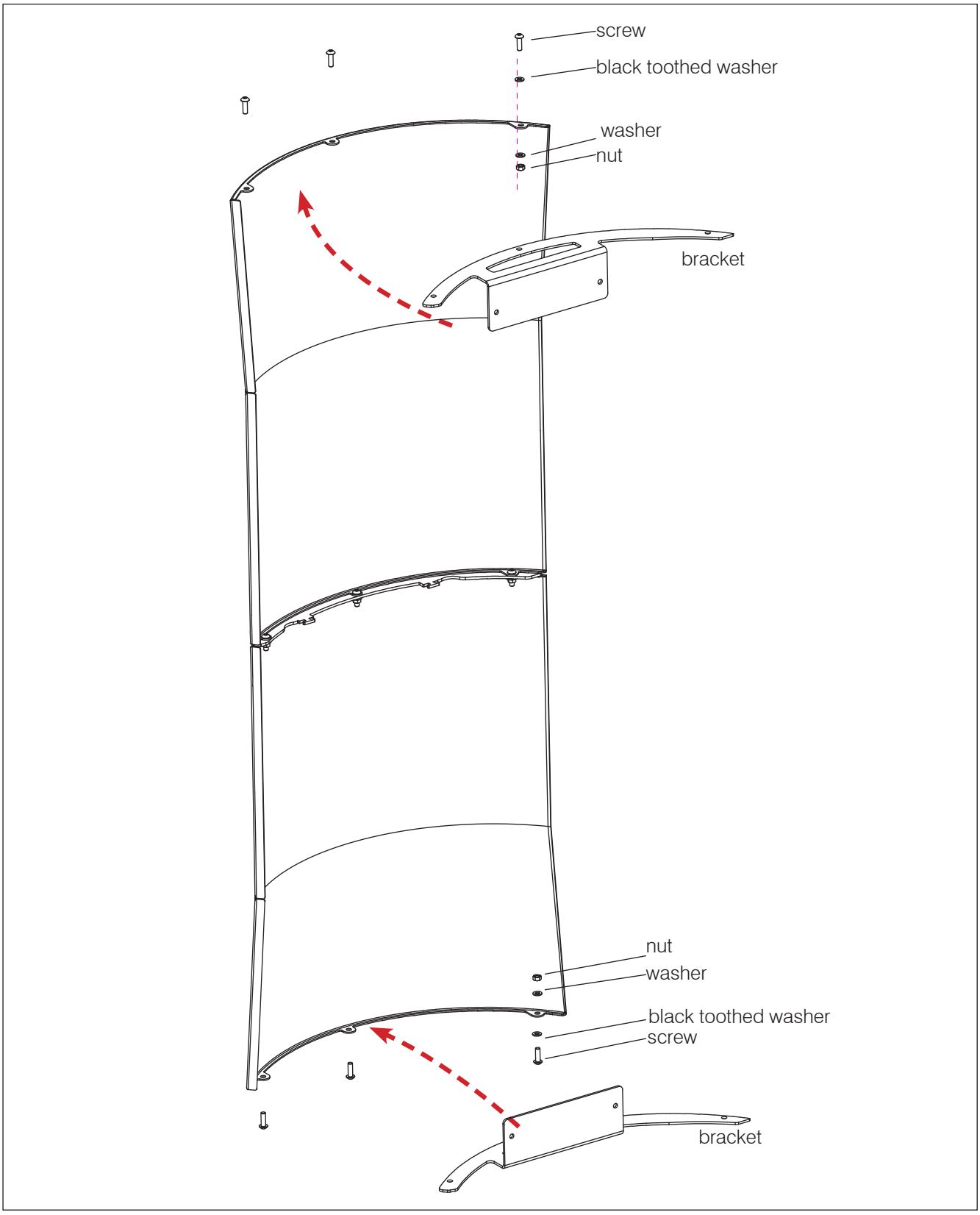




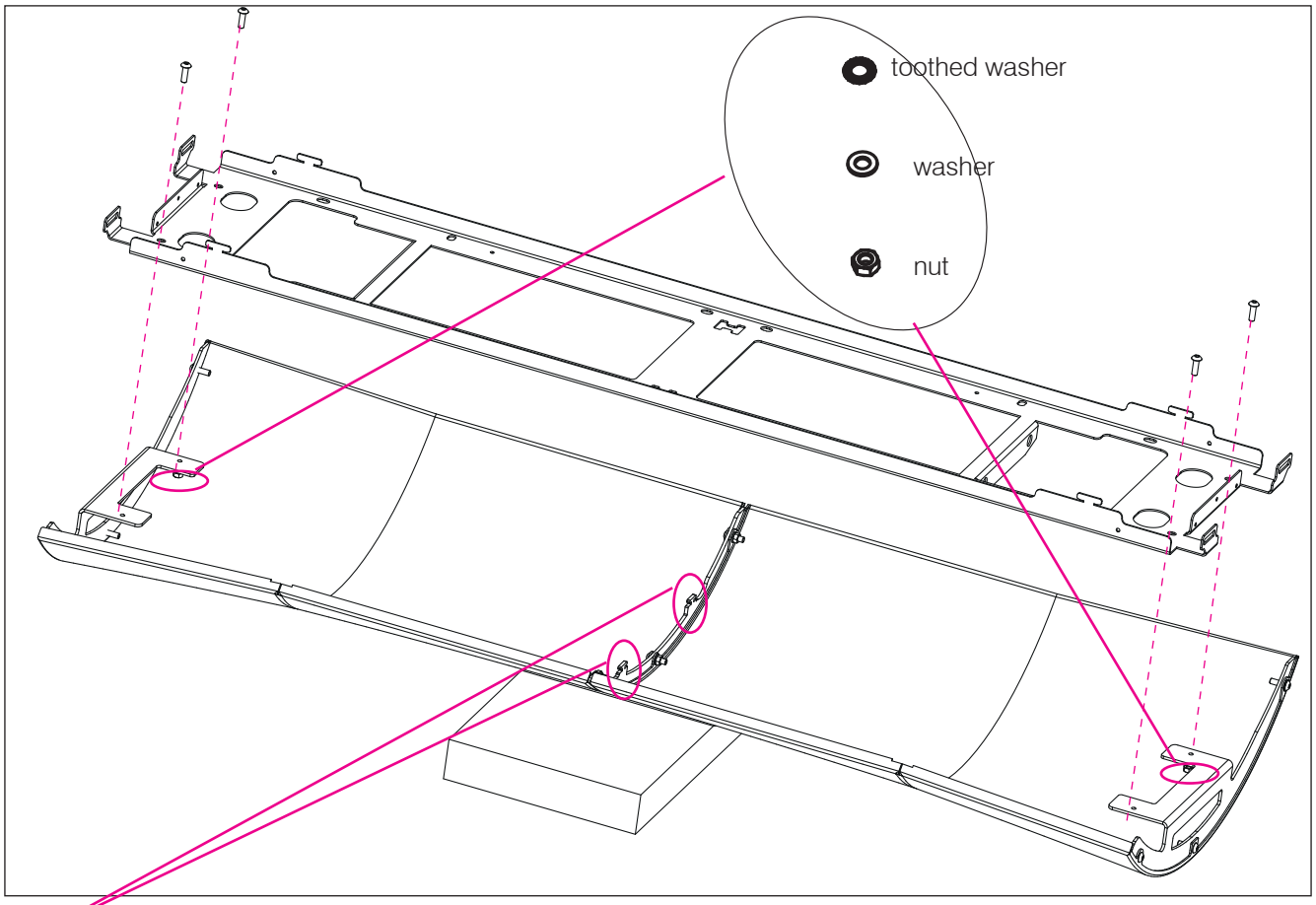
NOTE. The curving of the side panels may not perfectly coincide with the curving of the brackets. Therefore, use your hands to make the panel fit to the bracket before tightening the screws. Do not use any tools so as to avoid the risk of scratching the side panel. Once the position of the side panel is correct, tighten the screws while keeping the side panel in position. This will also avoid any interference with the door.

2. Place the brackets. Tighten the screws and also insert the nuts and washers above and underneath, only on one side.

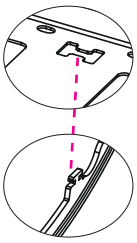
NOTE For a better understanding of the position, the image below shows the components in a vertical position, but we nevertheless recommend that you work in a horizontal position on top of the shaped polystyrene piece.

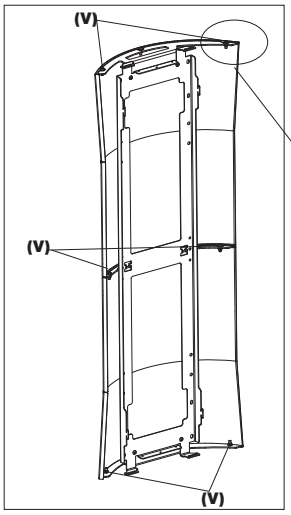


3. position the metal support. Tighten the screws and also insert the nuts and washers above and underneath, only on one side.

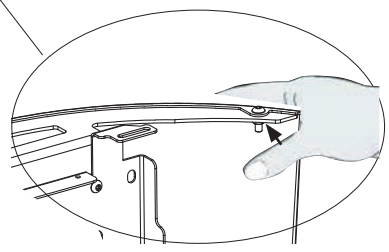


Make sure that the central spacer has been placed in the “cut” on the metal support.

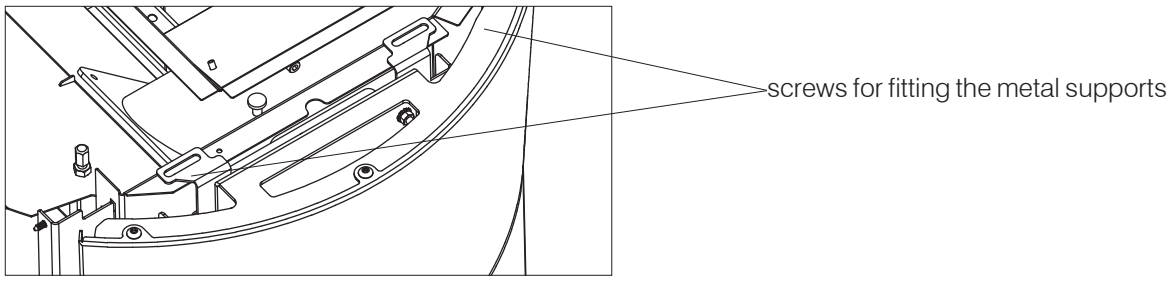




NOTE. The curving of the side panels may not perfectly coincide with the curving of the brackets. Therefore, use your hands to make the panel fit to the bracket before tightening the screws **(V)**. Do not use any tools so as to avoid the risk of scratching the side panel. Once the position of the side panel is correct, tighten the screws while keeping the side panel in position. This will also avoid any interference with the door.

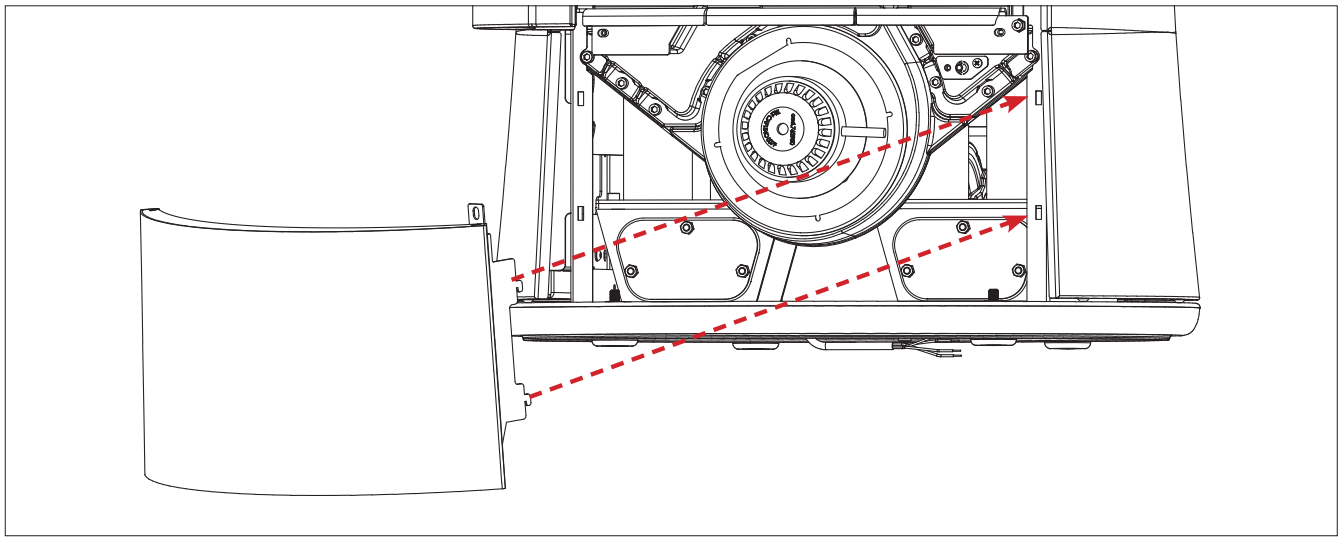


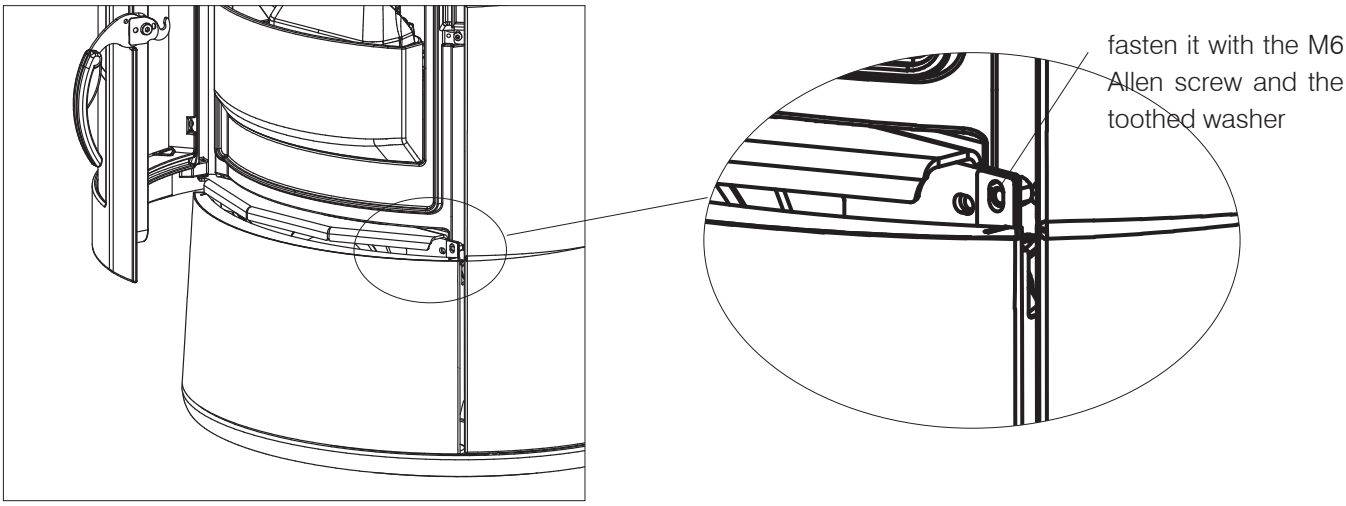
Then hook the assembled side panel with the metal support to the structure (inside the slots) and re-tighten the screws securing the metal supports



3. Fitting of the bottom front panel

Open the combustion chamber door using the removable handle. Hook the bottom front panel (4 hooks, two per side) and fasten it with the M6 Allen screw and the toothed washer.

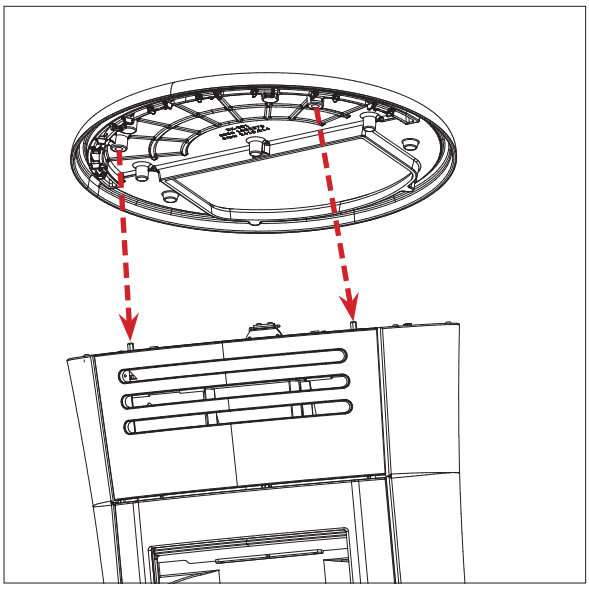


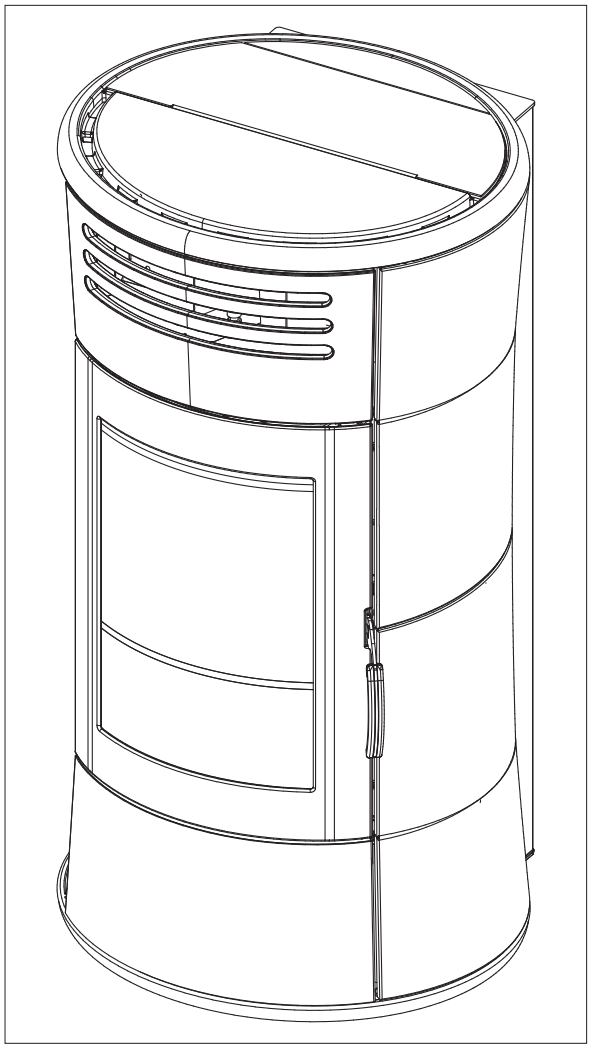


4. Fitting the top

Place the top by slotting it onto the two pins.

Put the pellet tank cover back on, by tightening the wing screws removed at point 1.



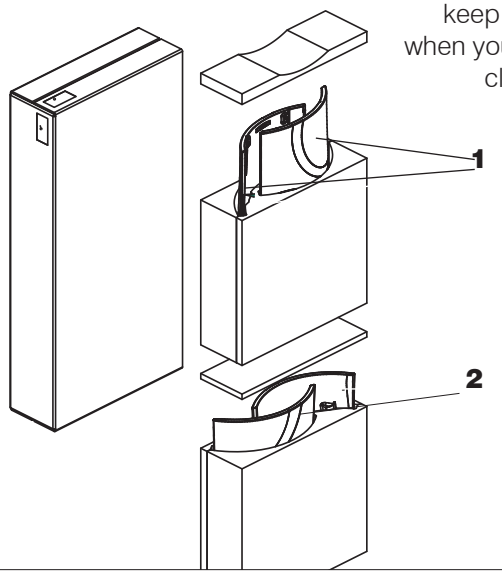


As indicated in the “Packaging” section, the ceramic cladding parts are contained in three separate boxes

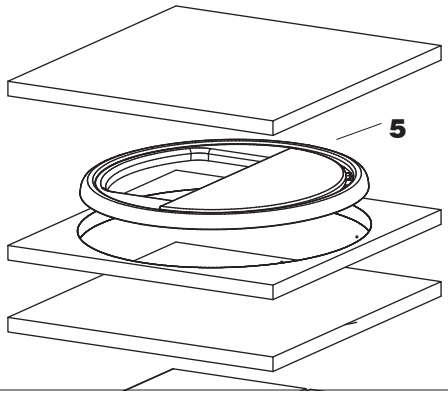
- box with the ceramic side panels
- box with the bottom front panel, brackets and small parts
- box with the ceramic top

box with the ceramic side panels

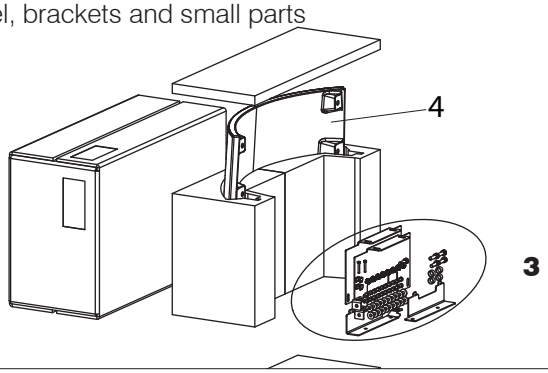
shaped polystyrene piece: keep this for when you fit the cladding



box with the ceramic top

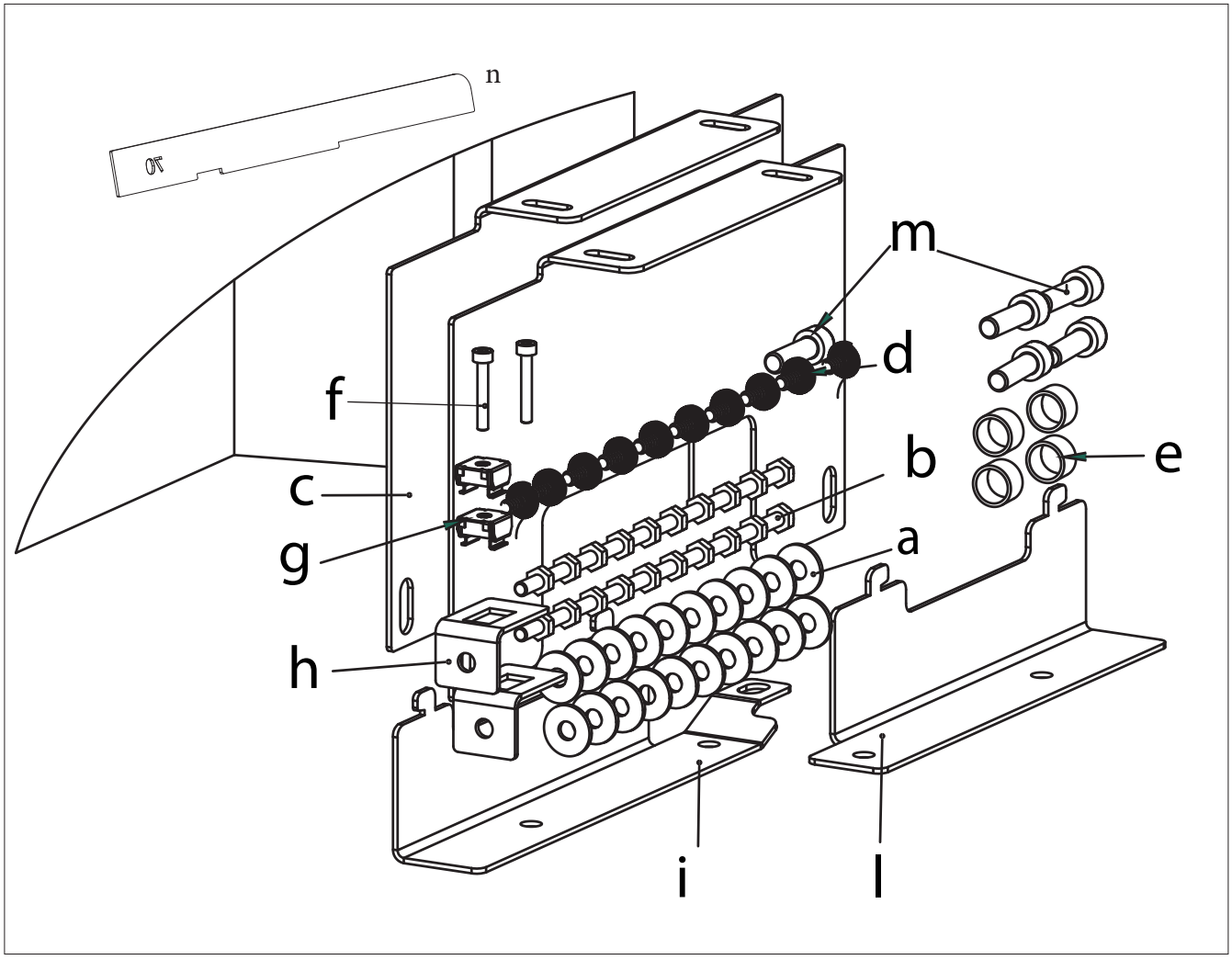


box with the bottom front panel, brackets and small parts



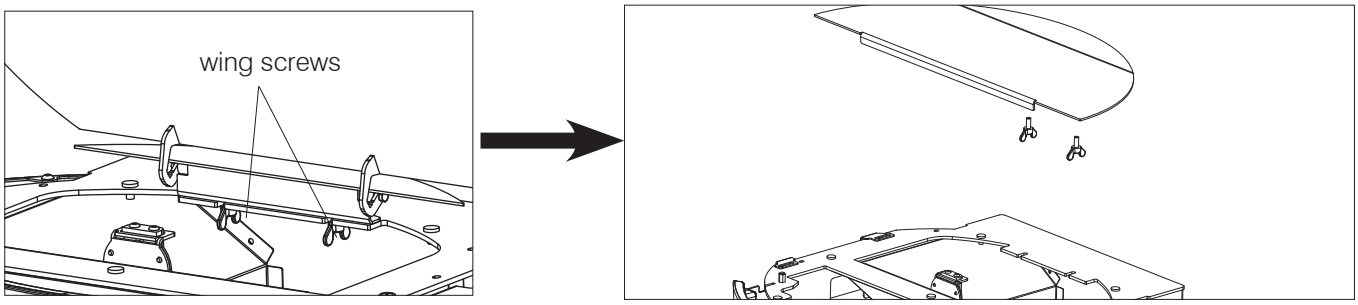
Description	Reference in the figures	Quantity
Side panel (bottom right or top left)	**(1)**	2
Side panel (bottom left or top right)	**(2)**	2
Brackets for fitting the side panels Small parts	**(3)**	see detail in inset figure
Bottom front panel	**(4)**	1
Ceramic top	**(5)**	1

Description	Reference in the figures	Quantity	Notes
Washer D5	a	20	For side panels and front panel
Screw TE M4x10	b	20	For side panels and front panel
Adjustment bracket	c	2	For side panels
Screw 4.2x9.5	d	10	For side panels at the top and bottom for small bracket (h)
Rubber item screw M6	e	4	For top panel
Screw M4x20	f	2	On side panels
Cage Nut M4	g	2	On side panels
Small adjustment bracket	h	2	On side panels
Right bracket for bottom front panel	i	1	For bottom front panel
Left bracket for bottom front panel	l	1	For bottom front panel
Screw M6x20	m	5	For front panel and top
Template	n	1	For correct positioning of ceramic side panels



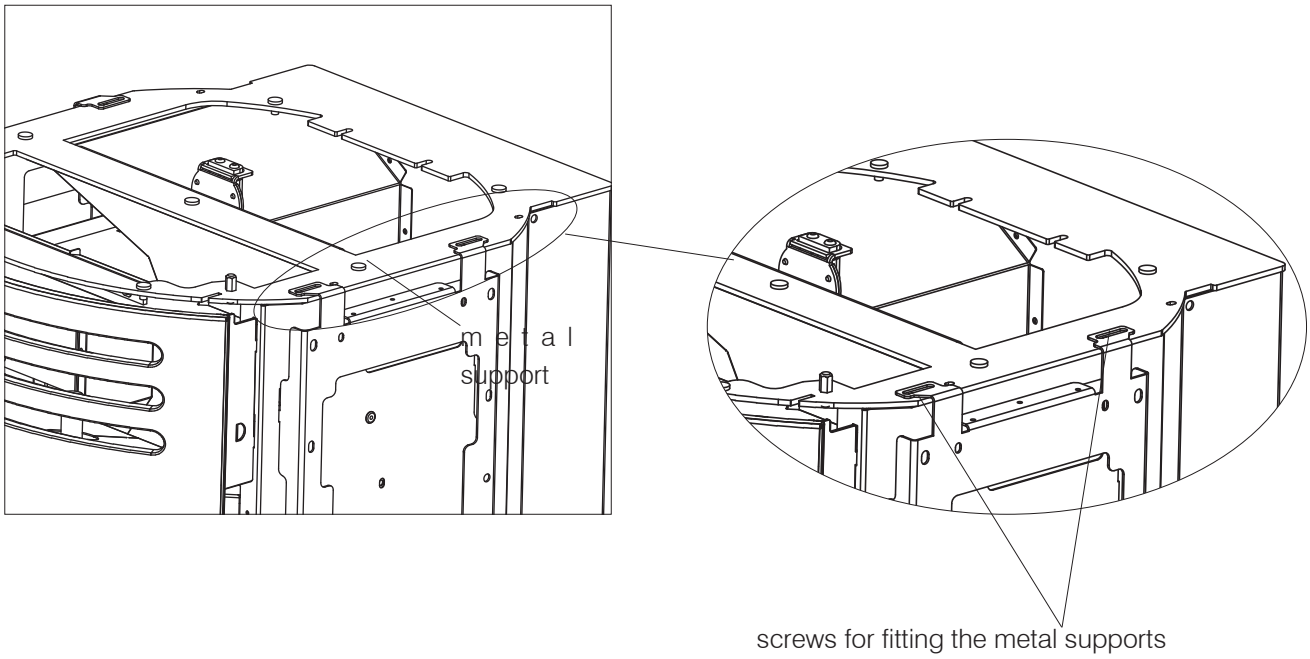
1. Remove the pellet tank cover

Loosen the wing screws underneath and remove the pellet tank cover by pulling it towards the front. This will subsequently enable you to position the top and screw on the side panels



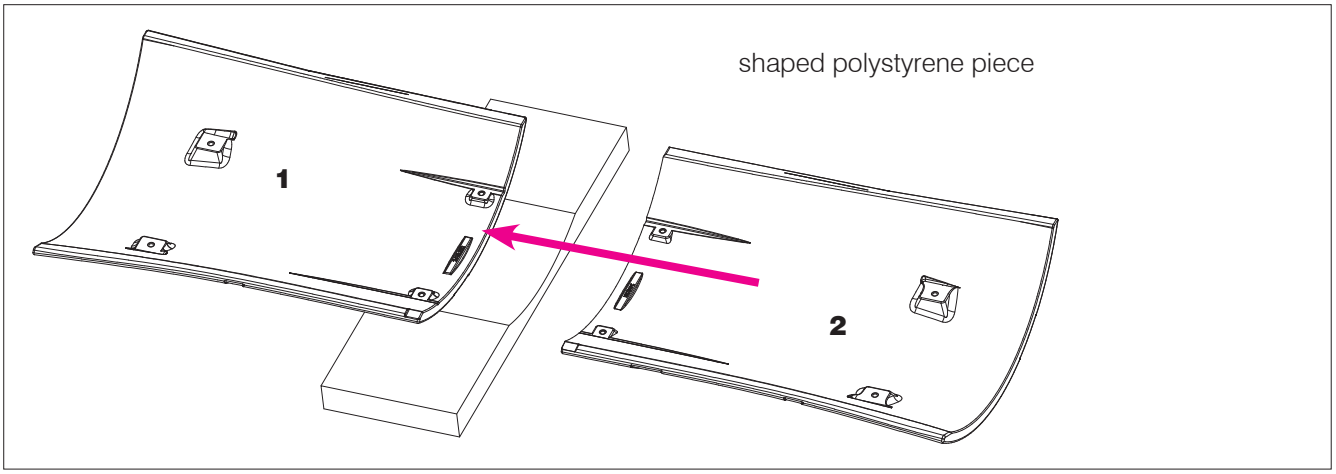
2. Assembling and fitting the side panels onto the structure

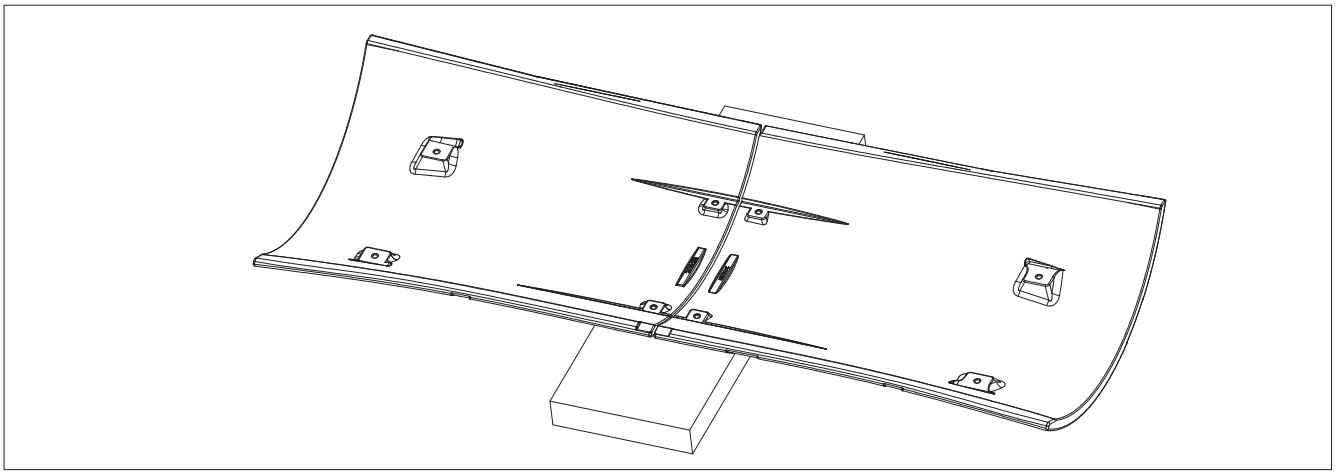
On each of the sides, undo the metal support screws, unhook the metal support and remove it.



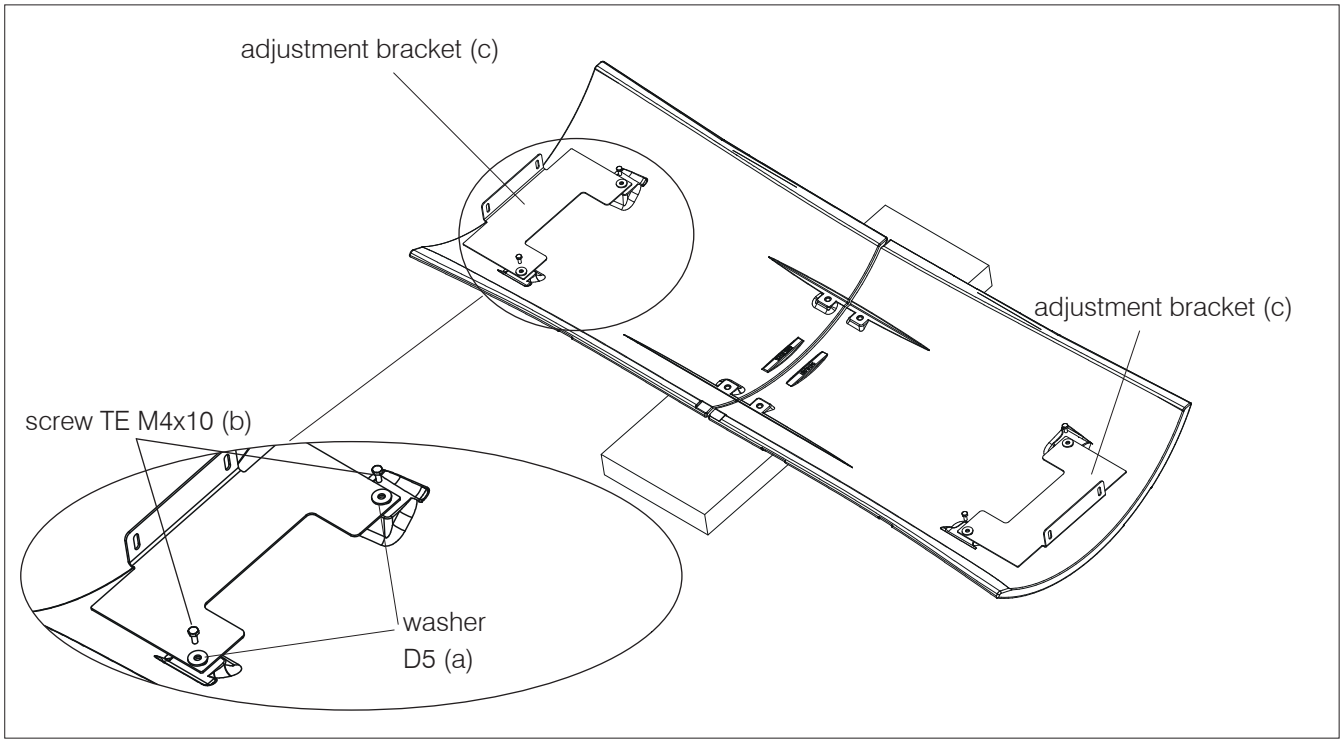
To assemble the two sides, we recommend that you place them on the shaped polystyrene piece and proceed as follows

Bring the ceramic side panels together (1)

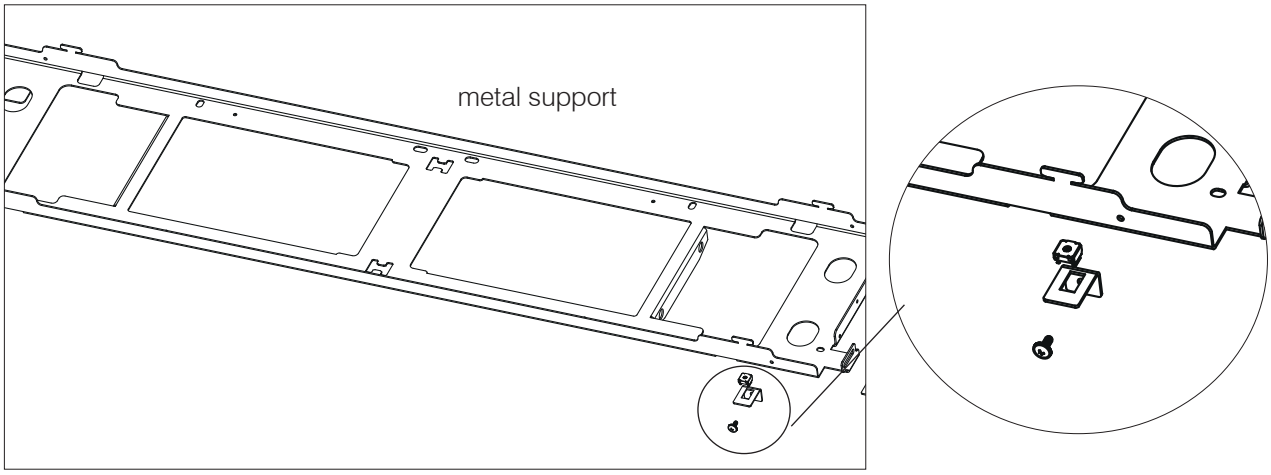




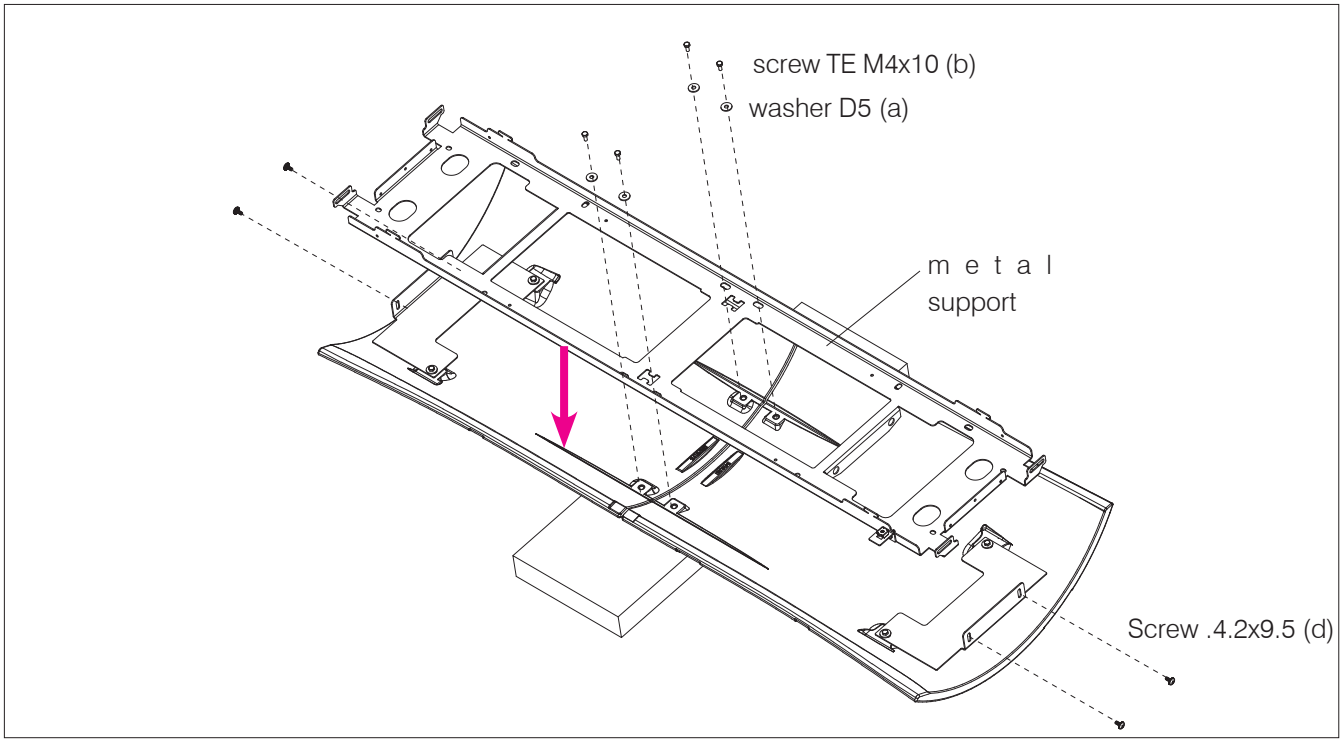
Position the two adjustment brackets on the ceramic piece and apply the screws without tightening them

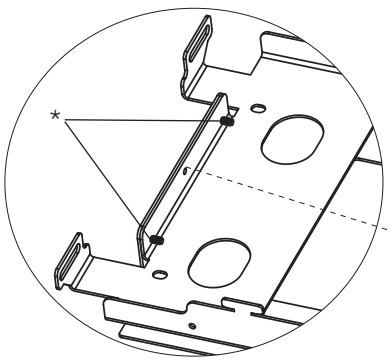


Position the small bracket with the cage nut on the metal support and screw on with the supplied M4.2x9.5 screw. The drawing shows the left side panel (for the location of the small adjustment bracket).



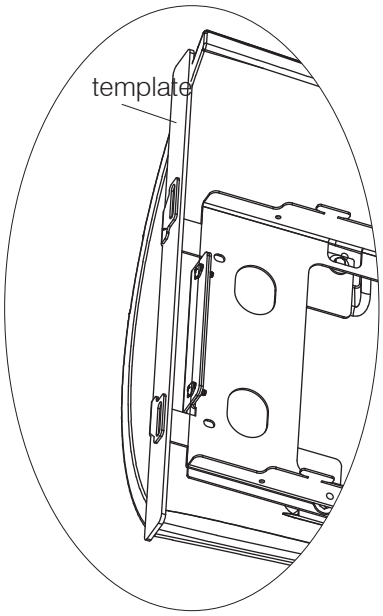
Once the metal support has been assembled with the small bracket, place it on the ceramic pieces and apply the screws and washers but without tightening, as shown in the figure below.

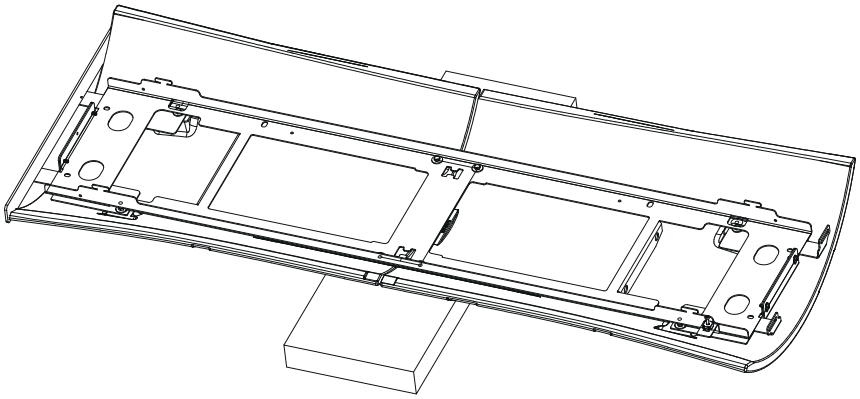




The correct position is the point where the bracket profile meets with the metal support. Tighten the screws that fix the brackets to the metal profile *

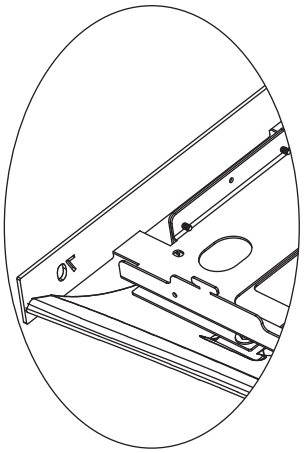
Before tightening the screws, for each of the two ceramic pieces (above and below):
position the template for fitting the side panels;

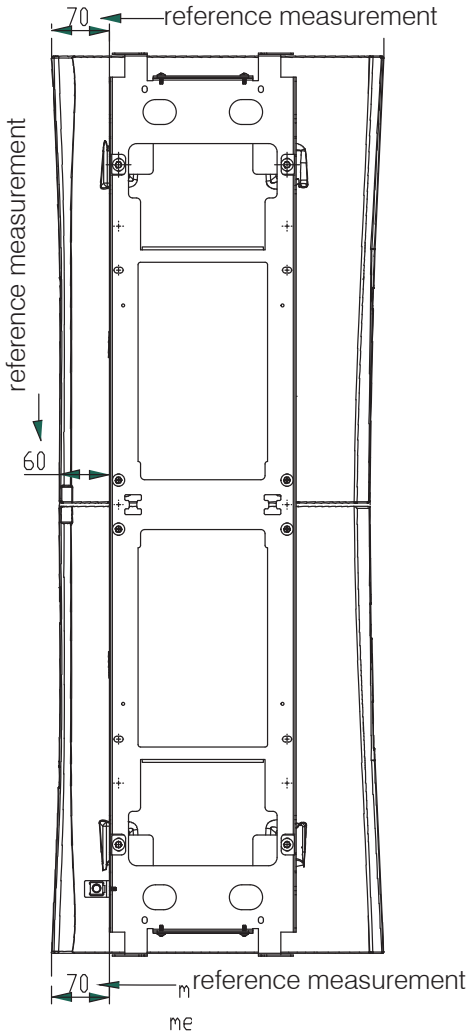




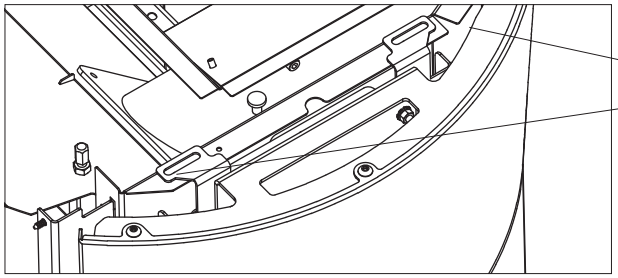
Do not force the screw into the threaded bushing - it may break.

Respect the distances between the metal support and the ceramic piece as in the drawing (60 and 70 mm). The 70 mm measurement can also be taken from the template position



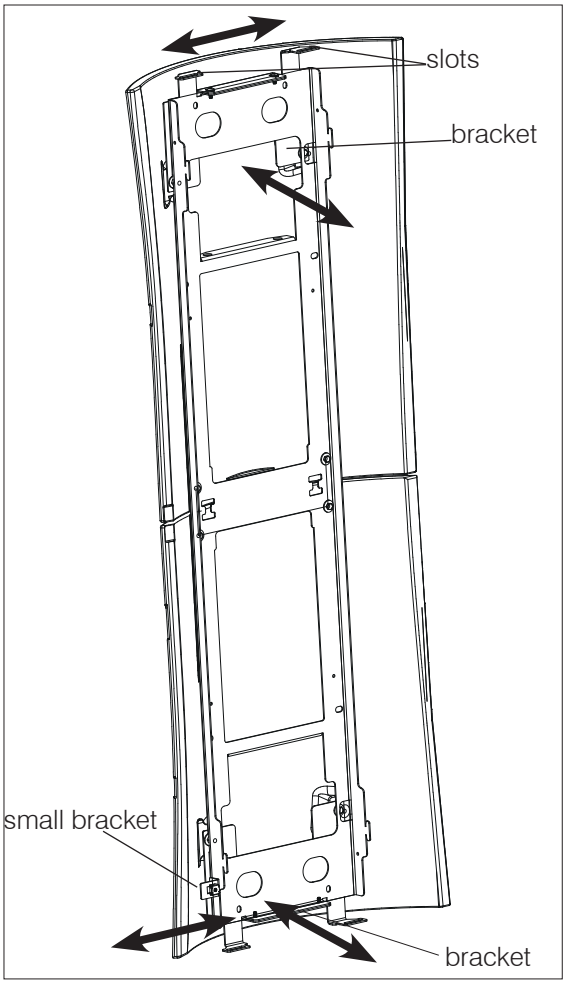


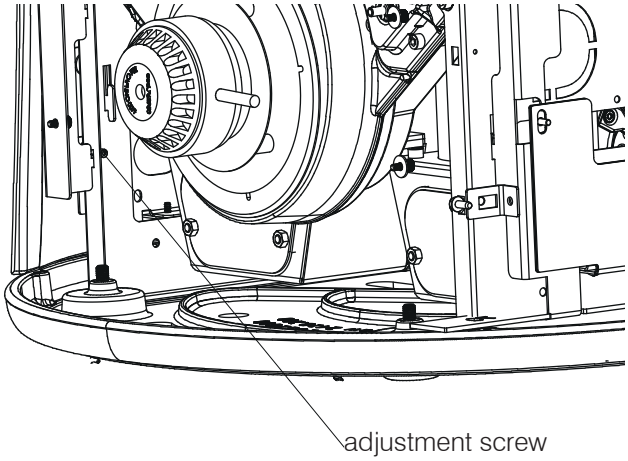
Then hook the assembled side panel with the metal support to the structure (inside the slots) and re-tighten the screws securing the metal supports



POSSIBLE ADJUSTMENTS

The brackets allow internal/external adjustment
The slots allow forward/backward adjustment in the top part
The small brackets allow forward/backward adjustment in the bottom part
The adjustment screw on the small bracket is used to secure the side panel and to further adjust its position.

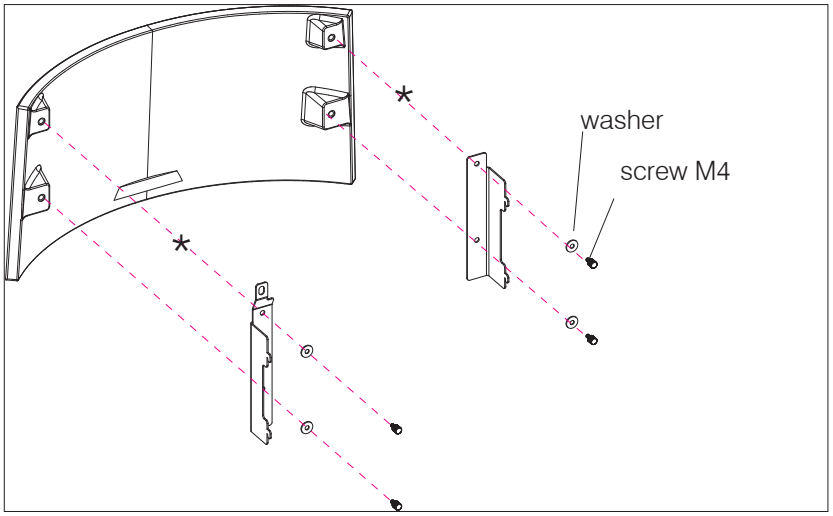


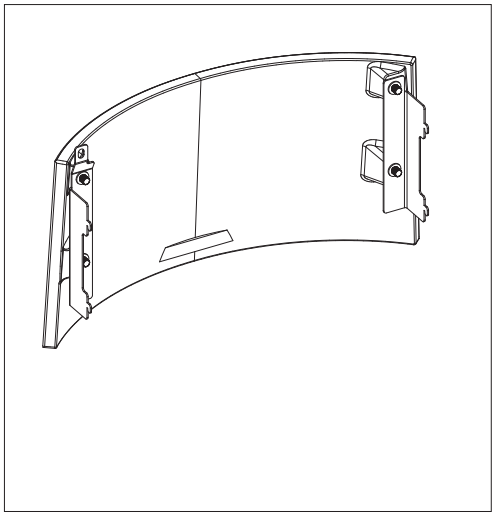


3. Assembling and fitting the bottom front panel

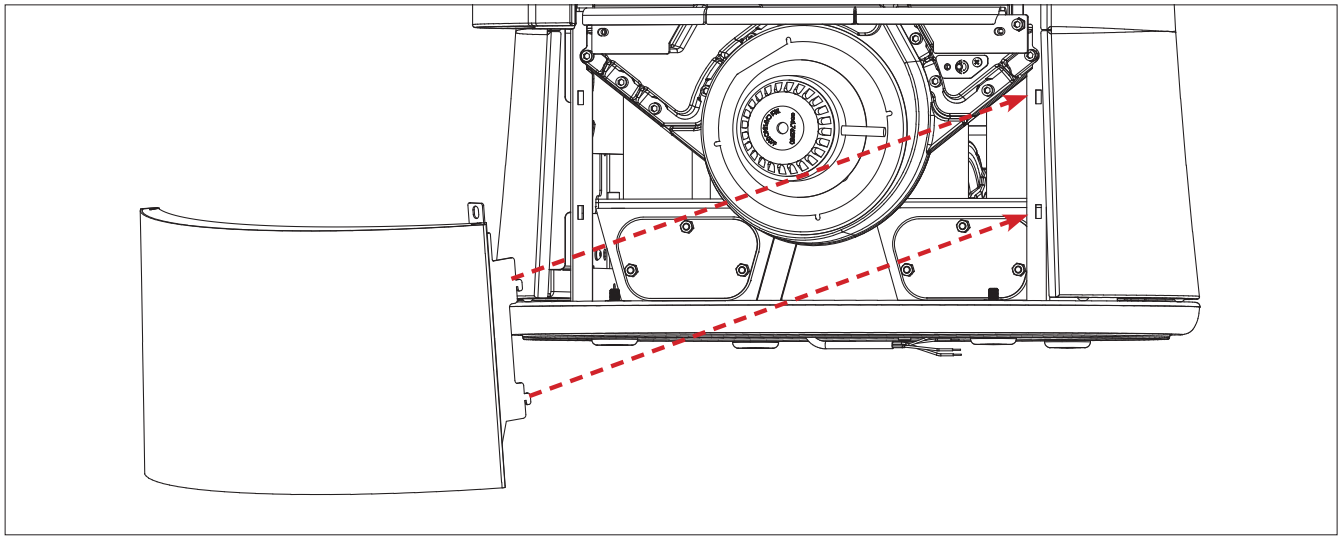
Assemble the front panel by positioning the brackets (one per side) and fasten them with the screws

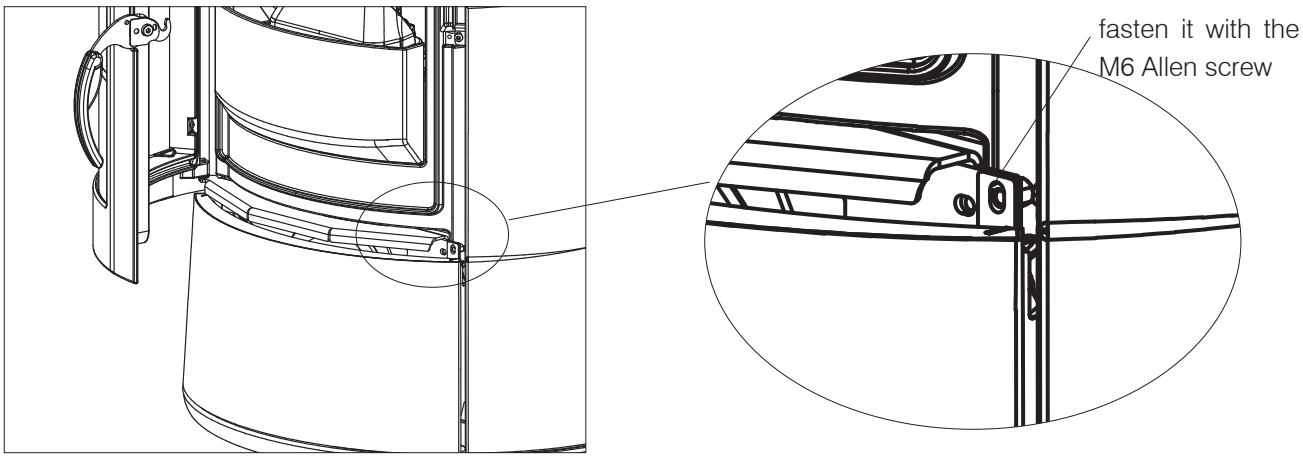
In order to align the cladding more efficiently, it may be necessary to insert washers * as indicated below.





Open the combustion chamber door using the removable handle. Hook the bottom front panel (4 hooks, two per side) and fasten it with the M6Allen screw



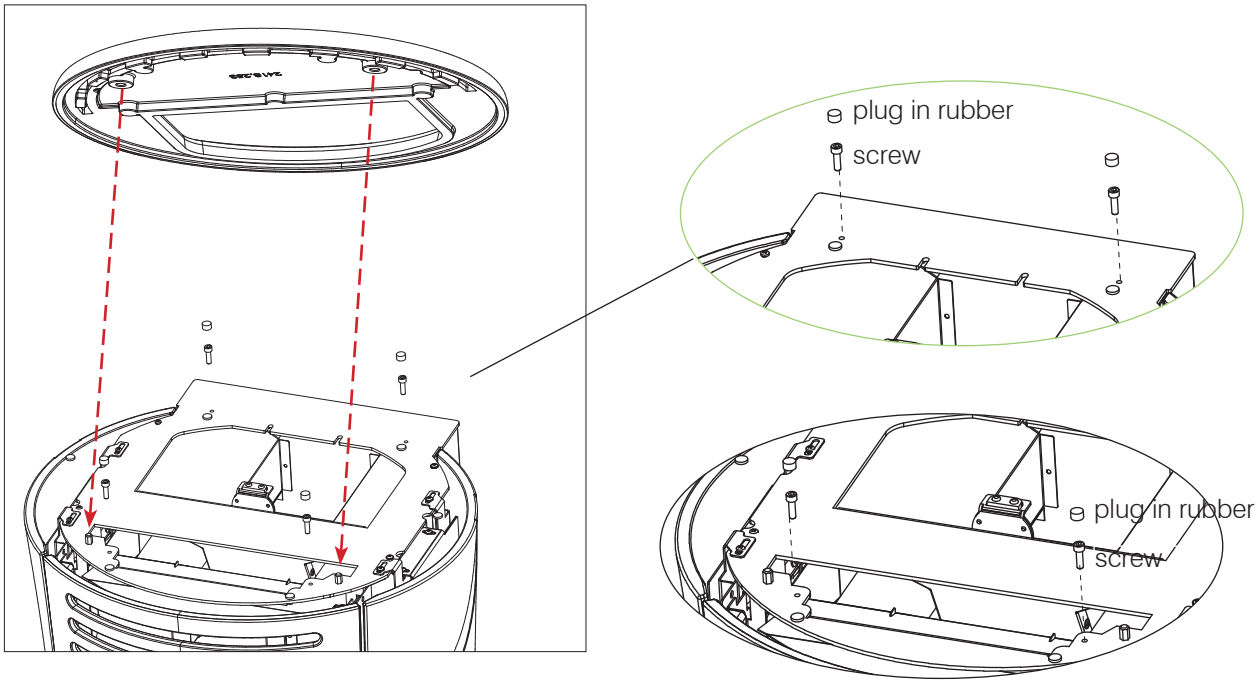


4. Fitting the top

Position the four screws with rubber plugs onto the holes in the structure. They are used for any necessary adjustment operations.

Place the top by slotting it onto the two pins.

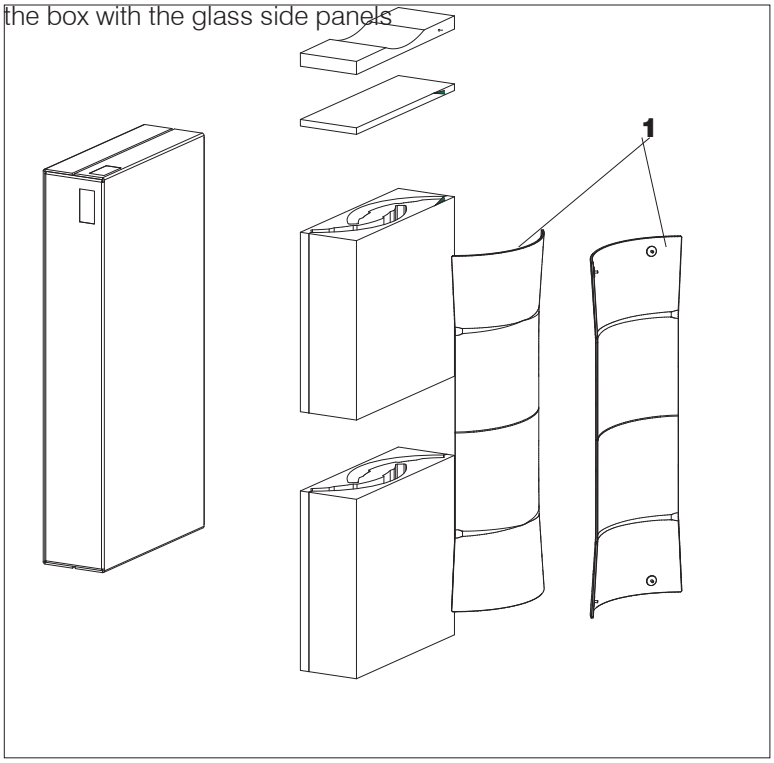
Put the pellet tank cover back on, by tightening the wing screws removed at point 1.



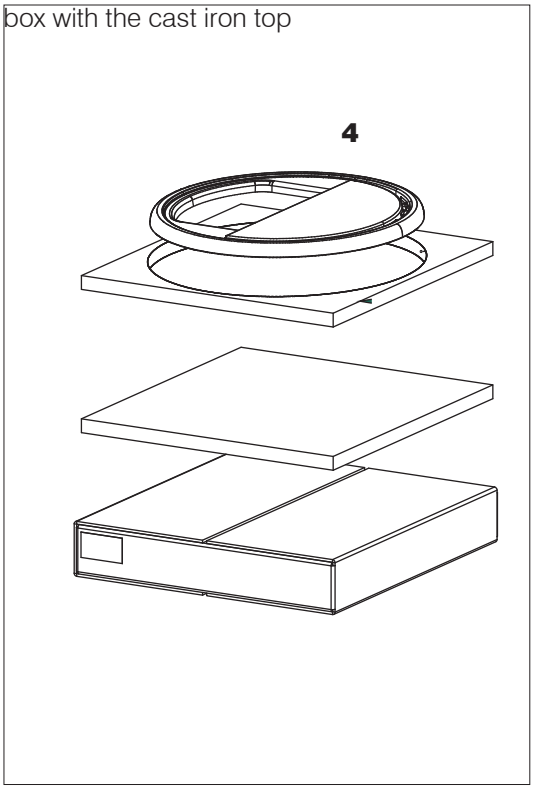
As indicated in the “Packaging” section, the glass cladding parts are contained in three separate boxes

- the box with the glass side panels
- the box with the glass bottom front panel, brackets and small parts
- the box with the cast iron top.

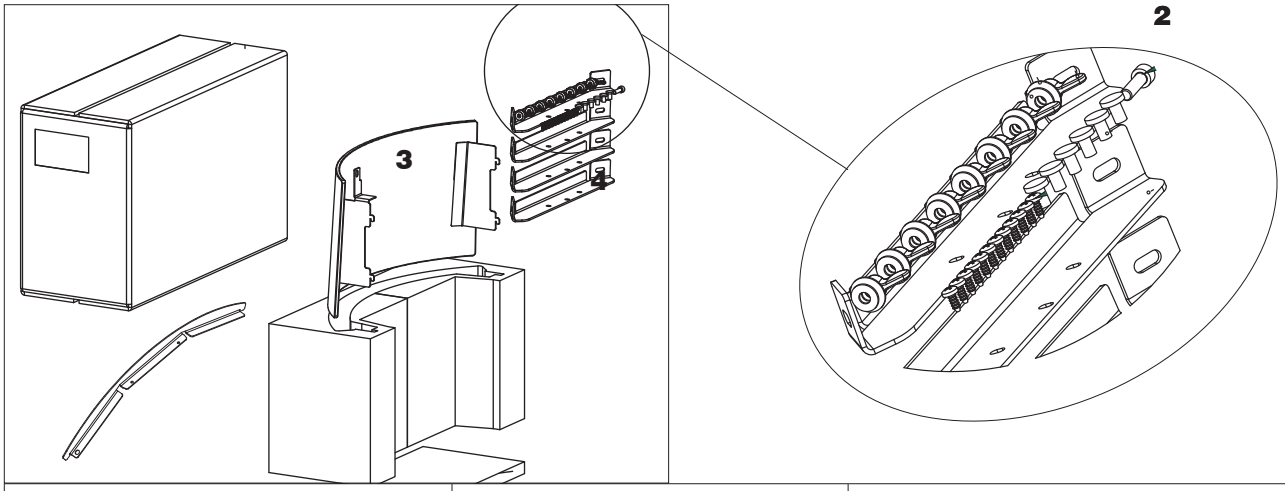
the box with the glass side panels



box with the cast iron top



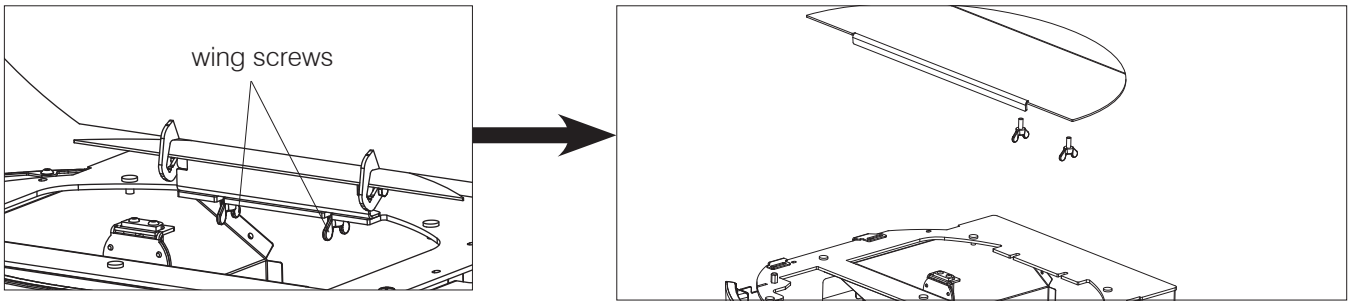
box with the glass bottom front panel, brackets and small parts



Description	Reference in Figures	Quantity
Glass side panel	**(1)**	2
Brackets for fitting the side panels and small parts	**(2)**	4 brackets for the glass side panels 8 silicone washers for the side panels 6 rubber grommets 12 self-tapping screws 4.2x9.5 8 M6 nuts 20xM6 screws for front panel
Bottom front panel and filler profile	**(3)**	no.1
Cast iron top	**(4)**	no.1

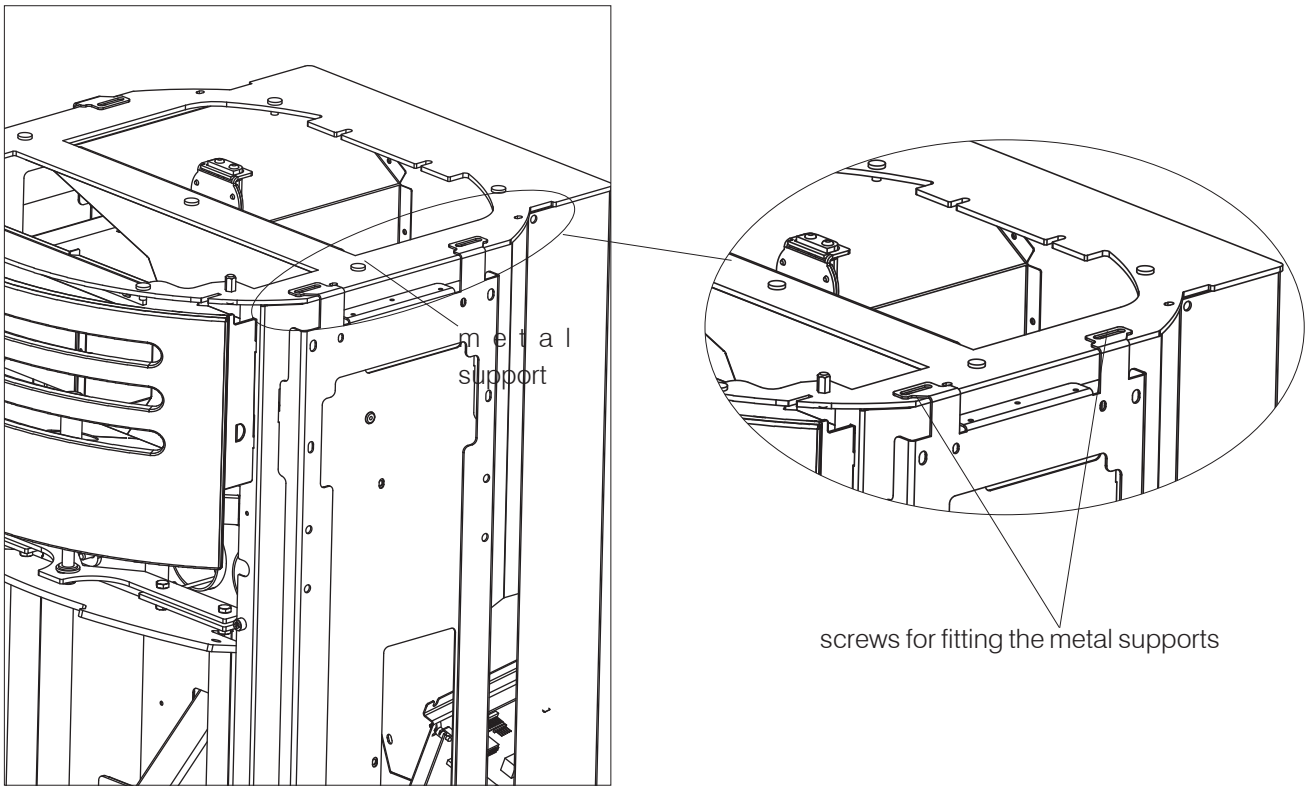
1. Remove the pellet tank cover

Loosen the wing screws underneath and remove the pellet tank cover by pulling it towards the front. This will subsequently enable you to position the top and screw on the side panels. Make sure that you disconnect the display cable so as not to break it.



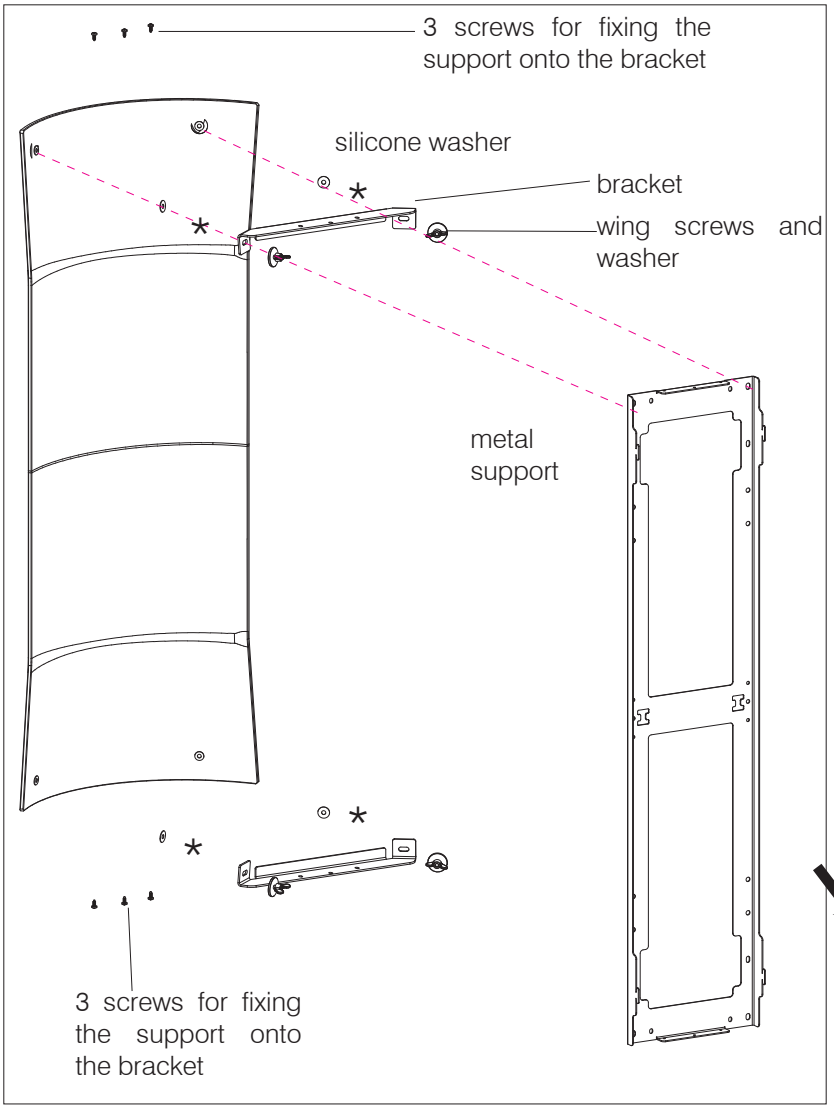
2. Assembling and fitting the side panels onto the structure

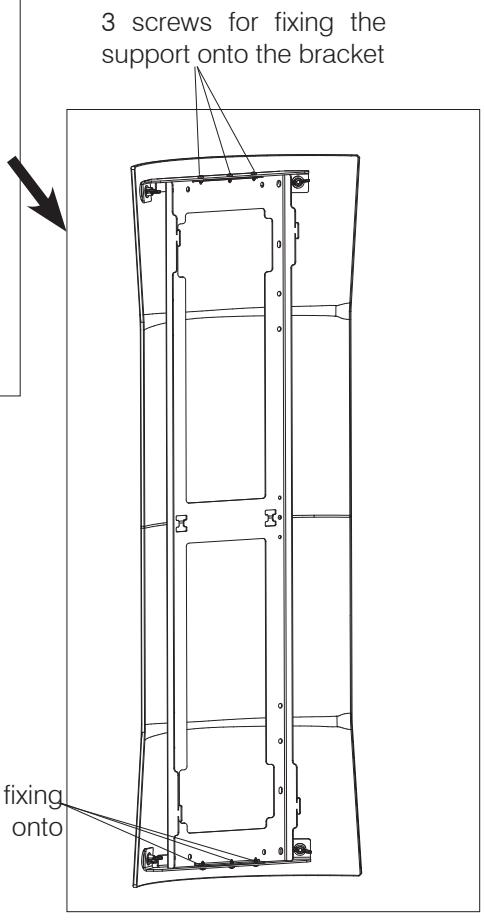
On each of the sides, undo the metal support screws, unhook the metal support and remove it.



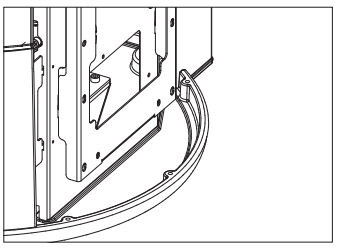
To assemble each of the two side panels:
position the top and bottom brackets, placing the washers in between
position the metal support and screw it on with the three top screws

For a better covering position it may be necessary to place) washers: *

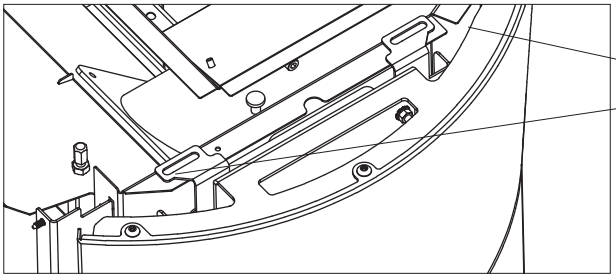




Position three rubber grommets per side onto the side panel before proceeding

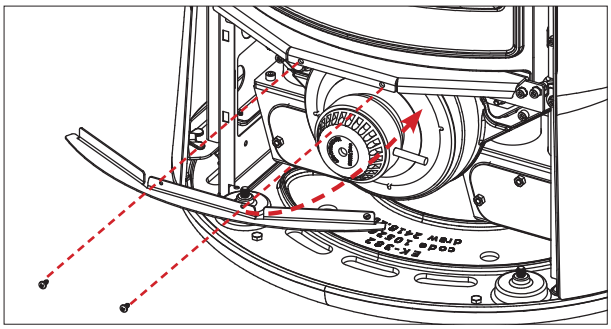


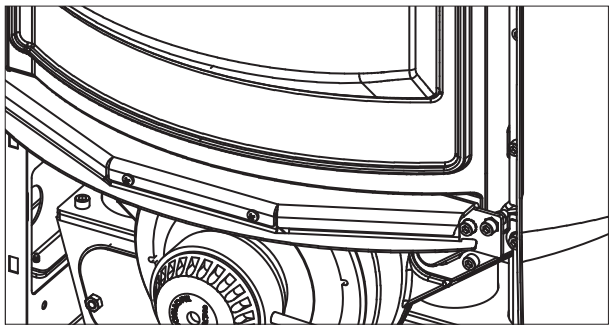
Then hook the assembled side panel with the metal support to the structure (inside the slots) and re-tighten the screws securing the metal supports.

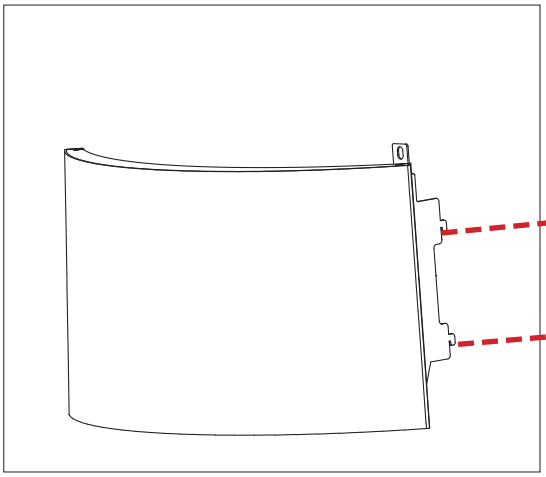


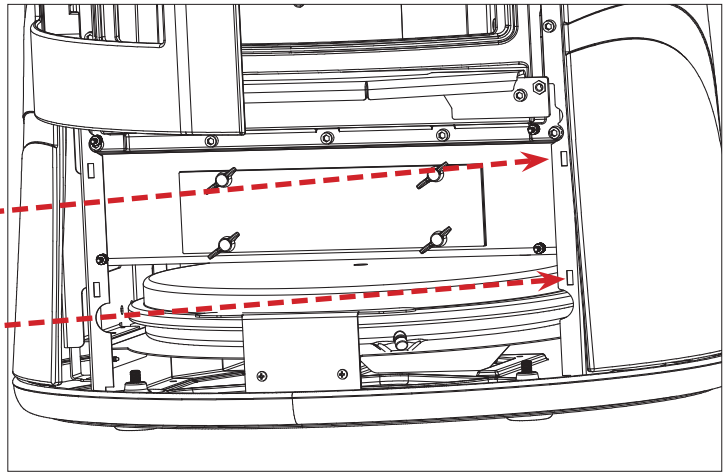
3. Fitting of the bottom front panel

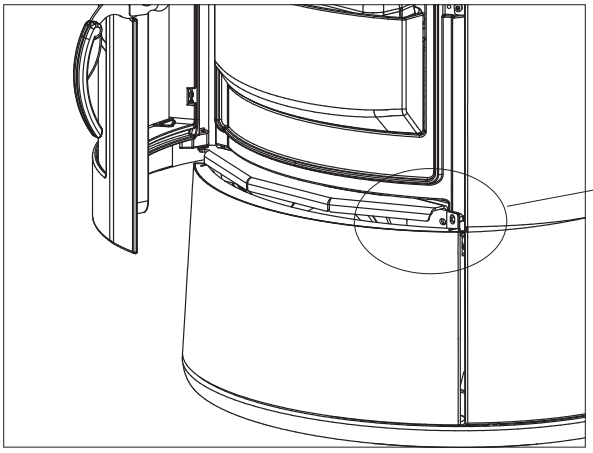
Open the combustion chamber door using the removable handle. Hook the bottom front panel (4 hooks, two per side) and fasten it with the M6 Allen screw. Screw the filler profile onto the structure using the two 4.2x9.5 screws.

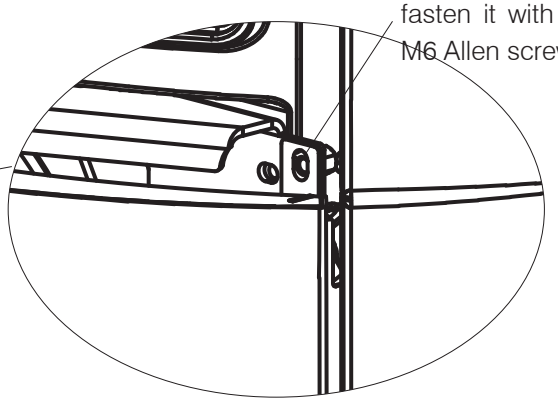








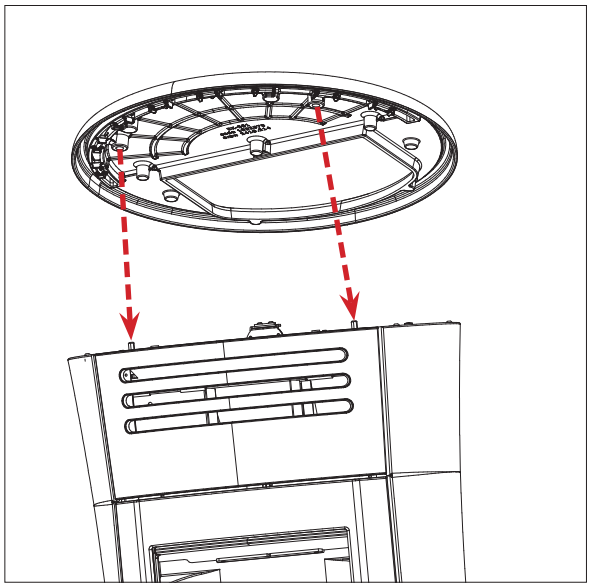




4. Fitting the top

Place the top by slotting it onto the two pins.

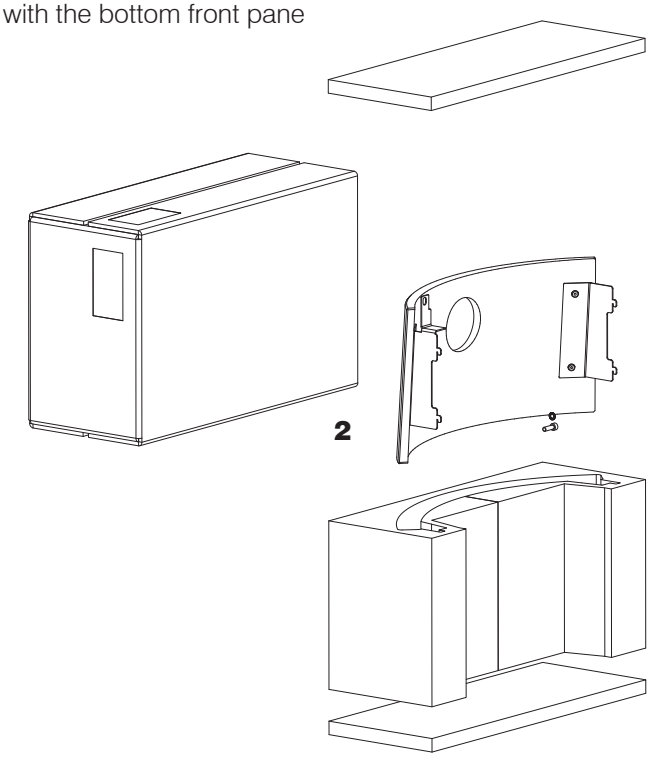
Put the pellet tank cover back on, by tightening the wing screws removed at point 1.



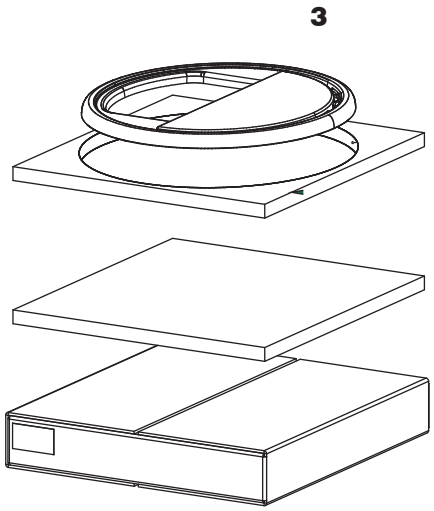
As indicated in the “Packaging” section, the stone cladding parts are contained in three separate boxes

- the box with the side panels
- the box with the bottom front panel
- the box with the cast iron top.

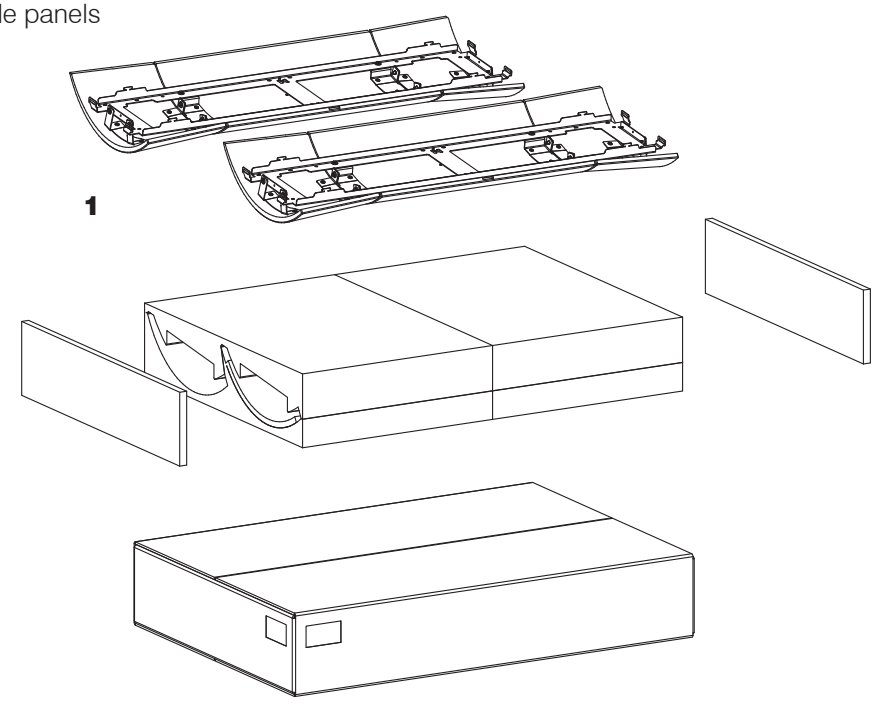
box with the bottom front pane



box with the cast iron top



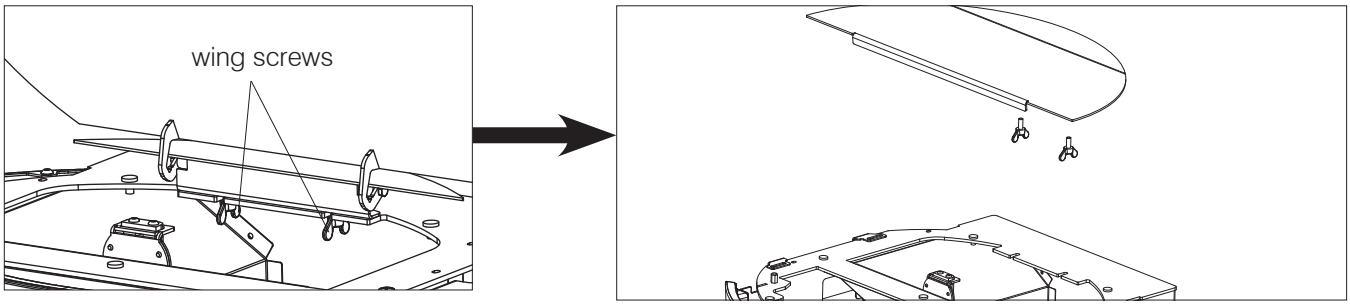
the box with the side panels



Description	Reference in Figures	Quantity
Side Panel	**(1)**	n°2
Bottom front panel	**(2)**	n°1
Cast iron top	**(3)**	n°1

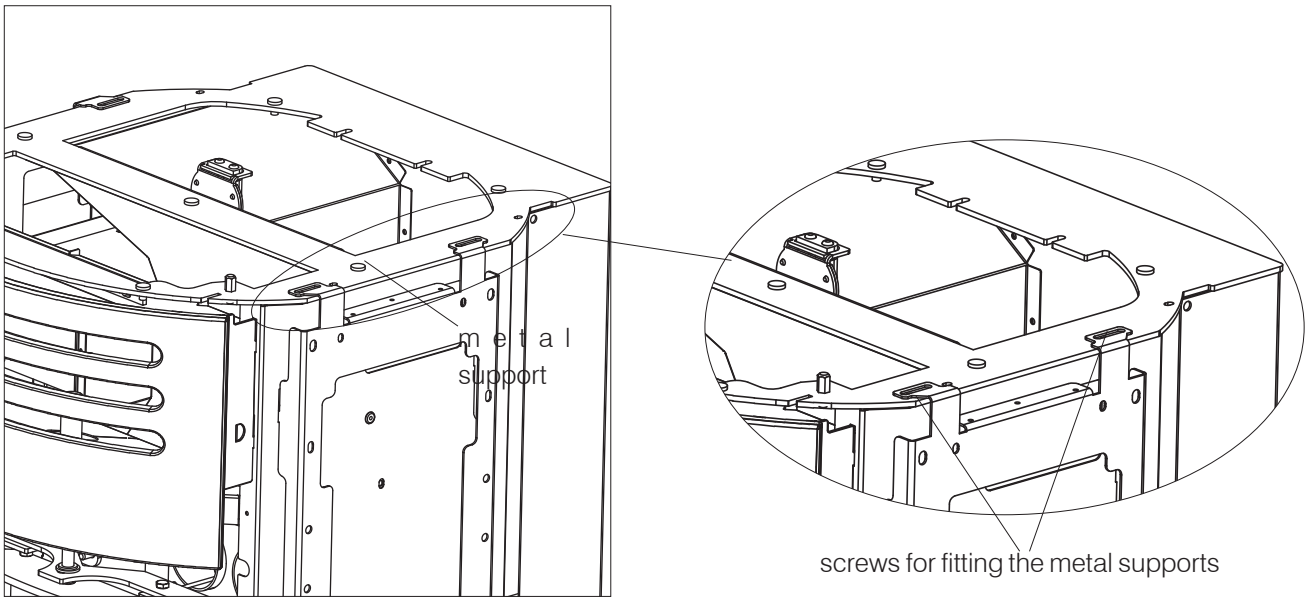
1. Remove the pellet tank cover

Loosen the wing screws underneath and remove the pellet tank cover by pulling it towards the front. This will subsequently enable you to position the top and screw on the side panels. Make sure that you disconnect the display cable so as not to break it.

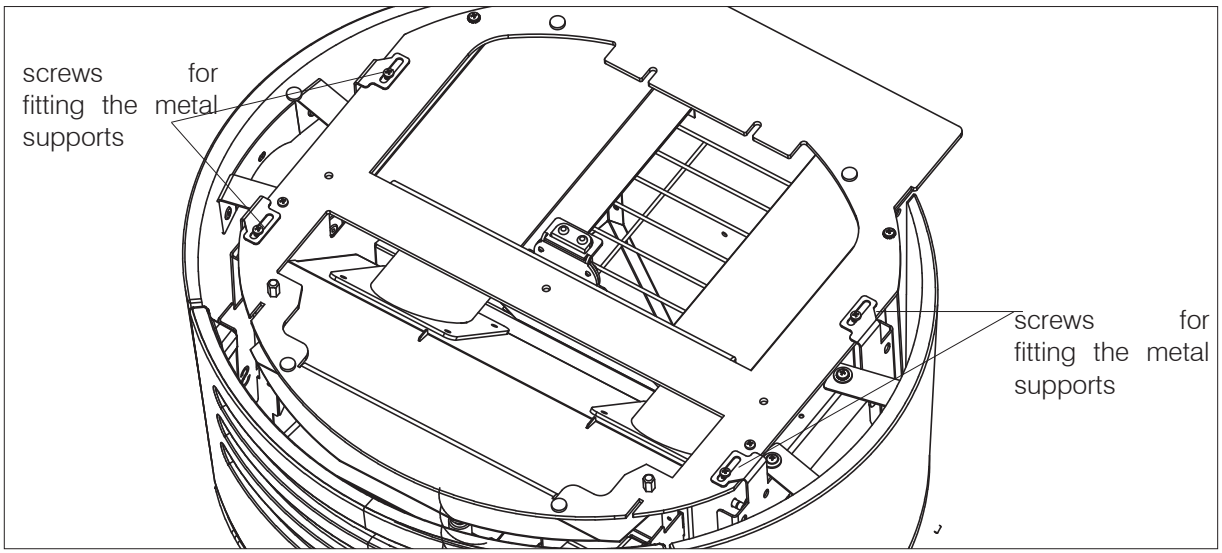


2. Assembling and fitting the side panels onto the structure

On each of the sides, undo the metal support screws, unhook the metal support and remove it. It's not more used.

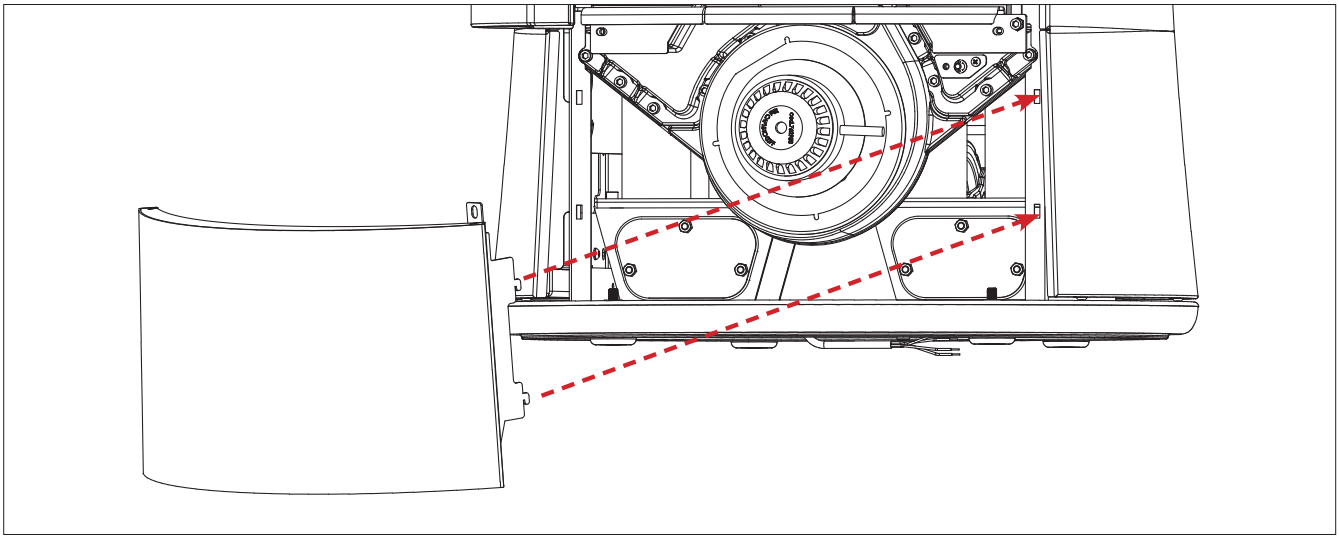


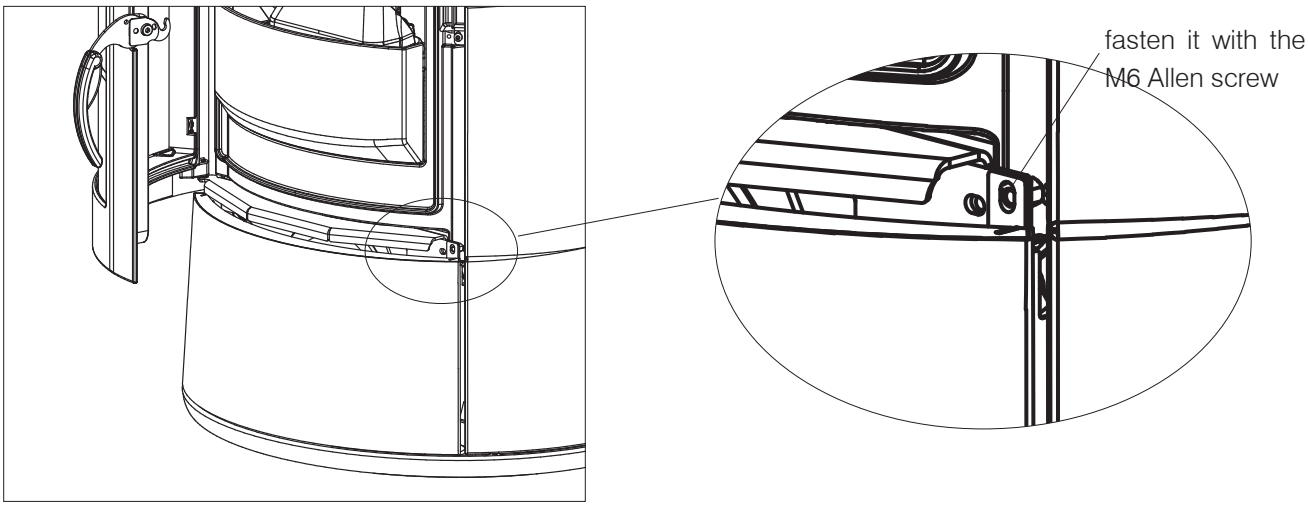
Then hook the assembled side panel with the metal support to the structure (inside the slots) and re-tighten the screws securing the metal supports.



3. Fitting of the bottom front panel

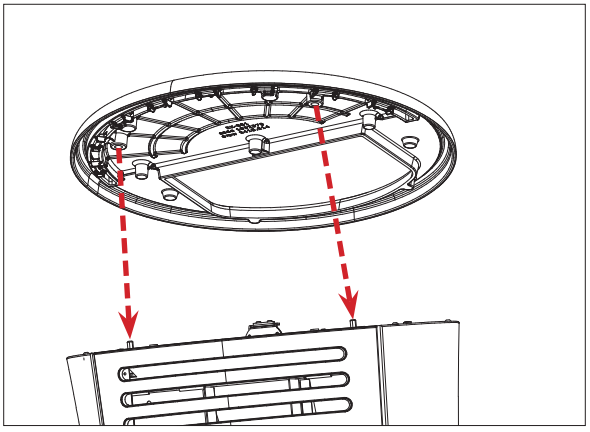
Open the combustion chamber door using the removable handle. Hook the bottom front panel (4 hooks, two per side) and fasten it with the M6 Allen screw.





4. Fitting the top

Place the top by slotting it onto the two pins.
Put the pellet tank cover back on, by tightening the wing screws removed at point 1.



REMARKS ON INSTALLATION

Note that:

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

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

Checking the suitability of the installation space

- The room must have a volume of at least 15 m^3.
- The floor must be able to bear the weight of the product and its accessories.
- Level the appliance.
- The appliance may not be installed in a bedroom, bathroom or in the same room as other equipment which draws air for combustion from the room itself, or in any area with an explosive atmosphere. Any extraction fans operating in the same room or area as the product, may affect its draw.
- In Italy, check the compatibility pursuant to UNI 10683 and UNI 7129 in the presence of gas fired products.

Protection from heat and safety clearances

The surfaces of the building adjacent to the product must be protected against overheating.
The insulation to be used will depend on the type of surface in question.

The appliance must be installed in accordance with the following safety instructions:
- minimum clearance at the sides and rear of 20 cm from flammable materials.
- no flammable materials may be kept closer to the front of the appliance than 80 cm.
If connected to a wooden or otherwise flammable wall, the flue must be insulated appropriately.

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

Positioning the product

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

FLUE SYSTEM
(Smoke duct, flue and chimney pot)

This chapter has been drawn up pursuant to European regulations EN 13384, EN 1443, EN 1856 and EN 1457. The installer must observe both these and any other local regulations. This manual does not in any way substitute such regulations.
The product must be connected to a flue system which ensures that the smoke produced by combustion are discharged in complete safety.

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

SMOKE DUCT, FLUE

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

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

THE SMOKE DUCT

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

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

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

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

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

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

THE CHIMNEY POT

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

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

Indirect air intake
Install an air outlet at floor level with an effective surface area (net of the screen or other protections) of at least 80 cm^2 (10 cm in diameter).
To prevent draughts, we recommend installing the air intake behind the stove or behind a radiator.
Installing it in front of the appliance will create unpleasant draughts.

Direct air intake*
Install an air intake with effective area (net of the mesh or other protective equipment) at least equal to that of the air intake at the rear of the product.
Connect the air intake to the appliance's air intake with a tube (which may also be flexible). Increase the diameter of the pipe if it is not smooth: assess its load loss.
We recommend not exceeding 1 m in length, bearing in mind the draw of the flue. Also consider the possibility of increasing the diameter of the pipe

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

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

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

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

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

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

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

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

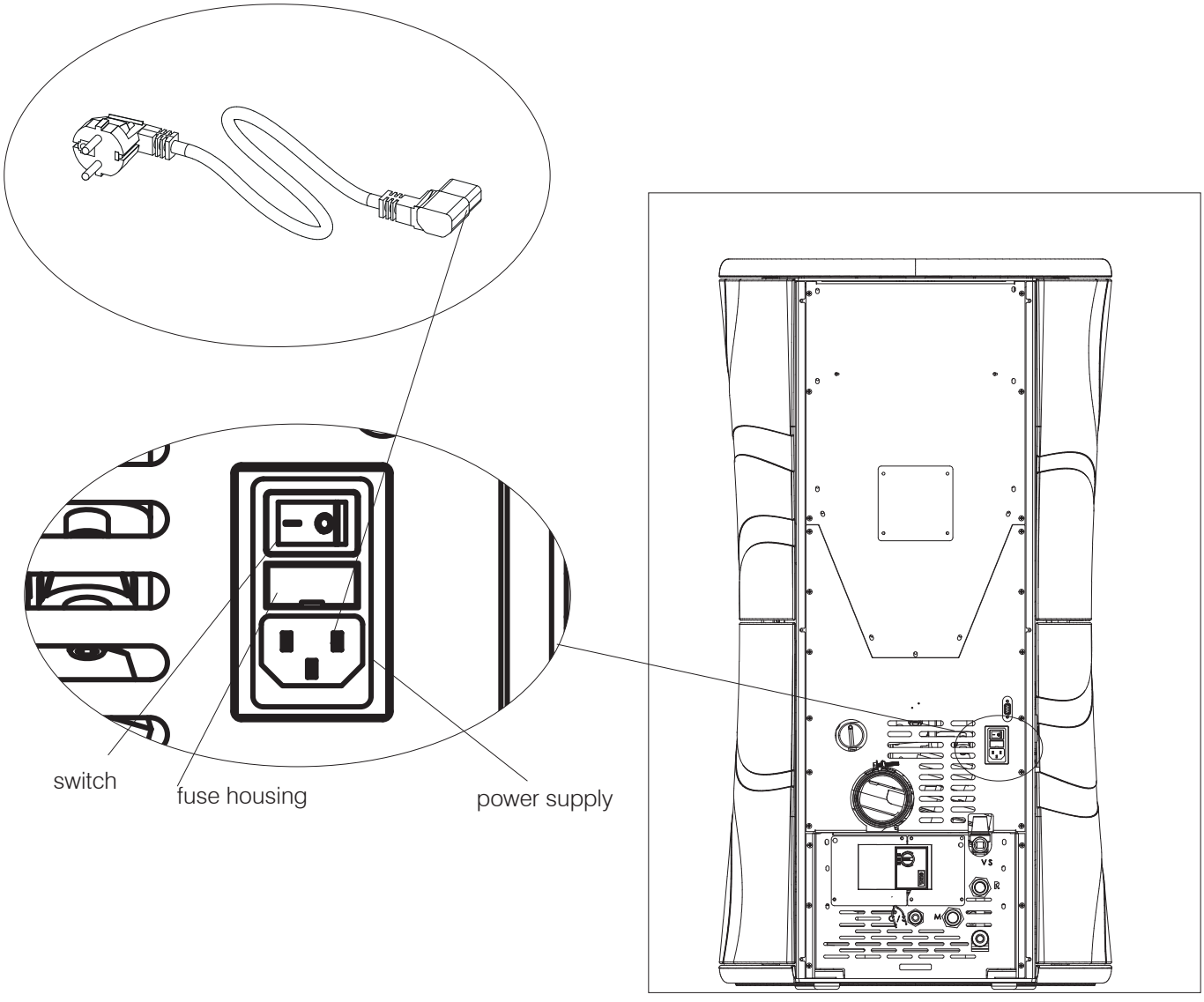
Edilkamin is not responsible for malfunctions resulting from an improperly earthed system.

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

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

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

There are two fuses (one is a spare) on the switch socket on the back of the appliance.



PLUMBING

Vyda H and Kira H are provided with a closed expansion tank.

The built-in expansion tank does NOT ensure proper protection of the water in the entire system from thermal expansion.

Therefore, installers should assess whether an additional expansion tank is needed, depending on the type of system.

ALL OTHER HYDRAULIC COMPONENTS MAY BE INSTALLED WITHIN THE BOILER STOVE BY PURCHASING A KIT FROM EDILKAMIN OR IF PREPARED BY THE INSTALLER.

Plumbing depends on the type of system.

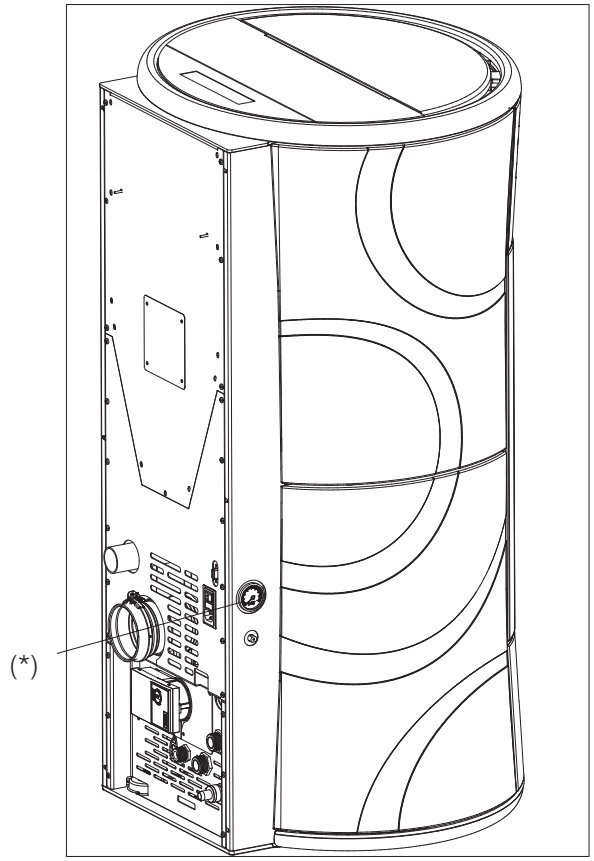
However, there are some “general rules”:

- The hydraulic system must operate at a pressure between 1 and 1.5-2 bar at running temperature (hot) in a closed vessel circuit.
- DO NOT install the boiler stove as a replacement in a system with an open expansion tank.
- The presence of an accumulator (tank) is recommended but not mandatory. Its advantage is that it releases the boiler stove from “sudden” requests from the system and can be integrated with other heat sources. It reduces fuel consumption and increases the efficiency of the system. Edilkamin recommends an accumulator of at least 20 l/kW.
- The return temperature of water to the boiler stove must be higher than 50-55° C to prevent the formation of condensation.
- An accumulator (tank) is needed to heat low-temperature radiant panels and must be installed according to the panel manufacturer's instructions.
- The material used in the circuit must be suitable to withstand overheating.
- The installer must determine whether or not to use conditioned products. In Italy, refer to UNI 8065 (Water treatment in heating systems for civil use).
- Direct plumbing to radiators prevents proper operation, owing to the small diameter of their pipes.

Real size templates are available for technicians.

PRESSURE GAUGE

The water pressure is shown on the display, in the lower left corner (*) as shown in the diagram.



VENT

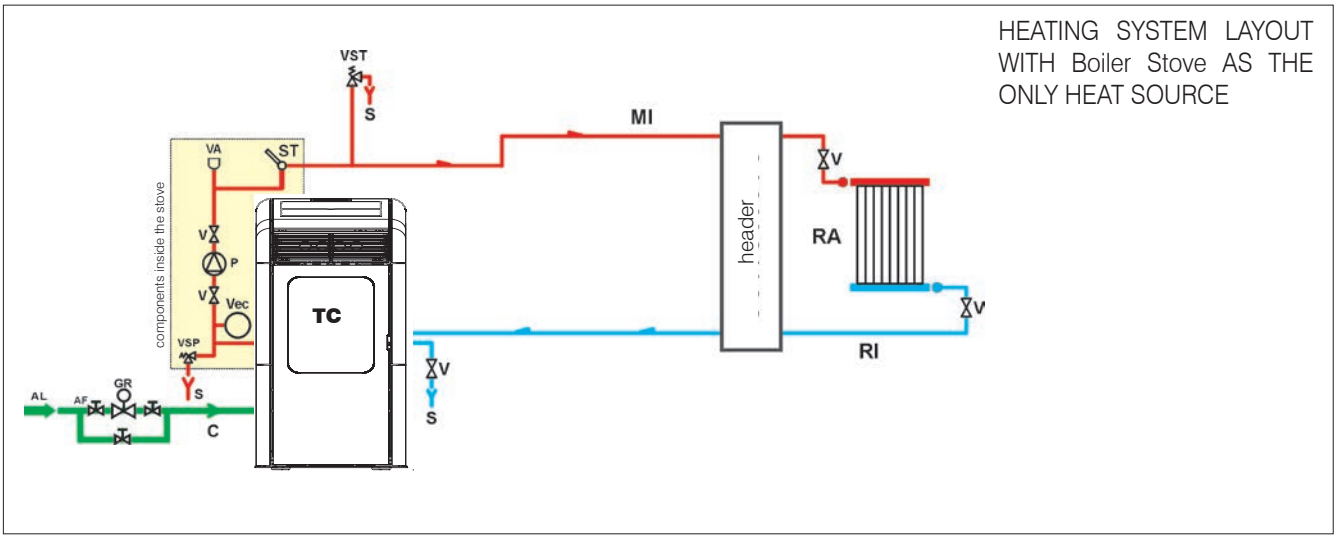
During normal operations the vent is automatic.

For any special requirements, remove the top as indicated in the cladding fitting instructions to gain access to the bleed valve.

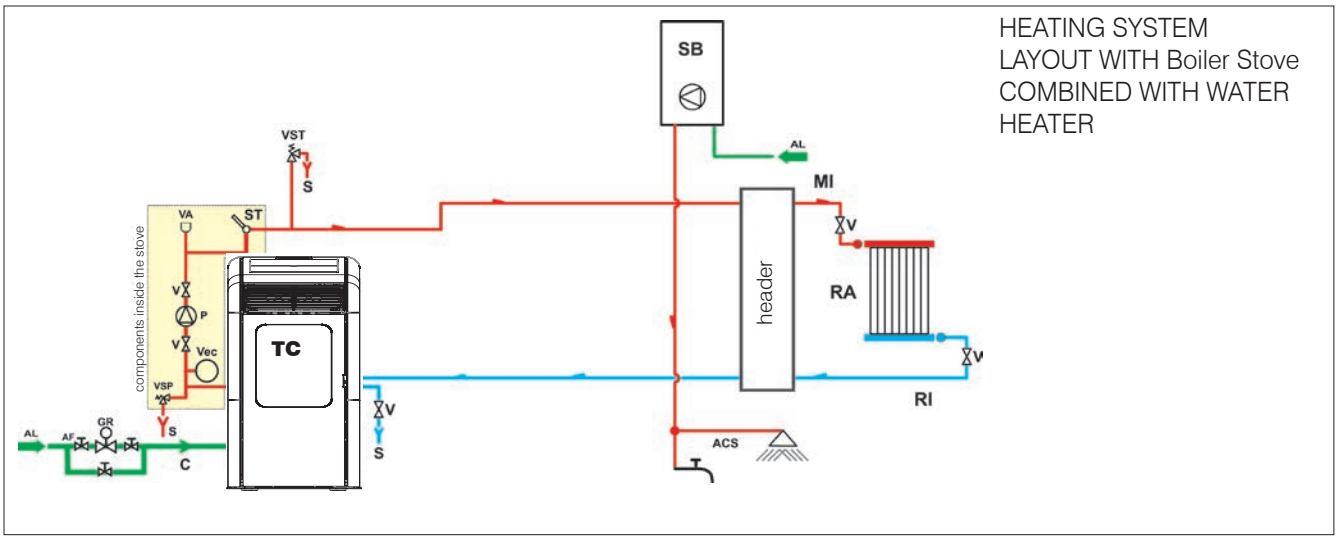
check that the swivel nut (G) on the two output pipes of the boiler stove are closed

During installation, the technician must check the functionality of the automatic vent and assess whether a manual vent needs to be installed.

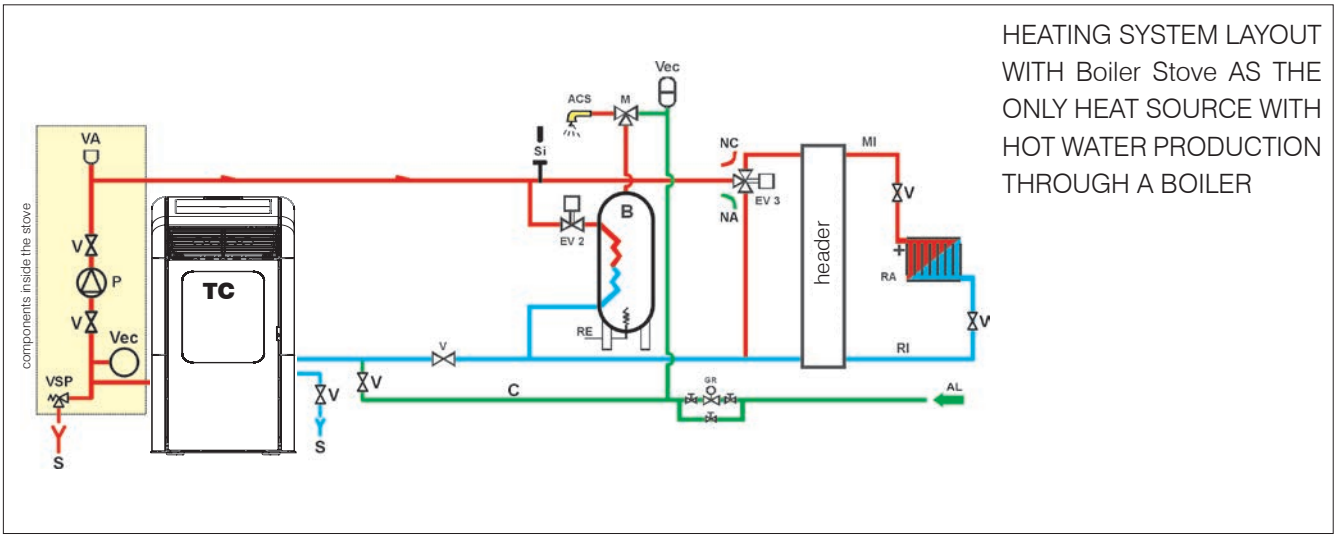
LEGEND
ACS: Domestic Hot Water
AF: Cold Water
AL: Mains water supply
B: Boiler
C: Load/Replenishment
CE: Electronic control box
EV2: 2-way solenoid valve
EV3: 3-way solenoid valve
NA: Normally open
NC: Normally closed
GR: Pressure reducer
MI: Delivery System
P: Pump (circulator)
RA: Radiators
RI: Return System
S: Drain
SB: Water heater
ST: Temperature Probe
TC: Boiler stove
V: Ball valve
VA: Automatic air vent valve
VEC: Closed expansion tank
VSP: Safety valve
VST: Thermal safety valve



HEATING SYSTEM LAYOUT WITH Boiler Stove AS THE ONLY HEAT SOURCE



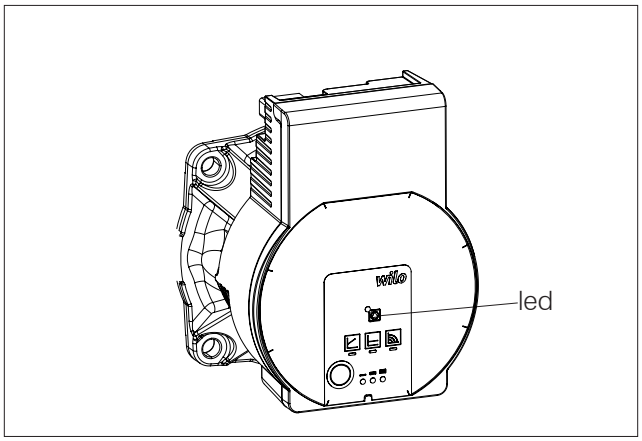
HEATING SYSTEM LAYOUT WITH Boiler Stove COMBINED WITH WATER HEATER



HEATING SYSTEM LAYOUT WITH Boiler Stove AS THE ONLY HEAT SOURCE WITH HOT WATER PRODUCTION THROUGH A BOILER

N.B.: These diagrams are for guidance only; the actual execution is the responsibility of the plumber.

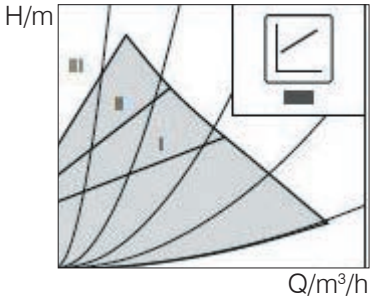
PUMP SPECIFICATIONS



CONTROL MODES AND FUNCTIONS

Variable differential pressure Δp-v (I, II, III)

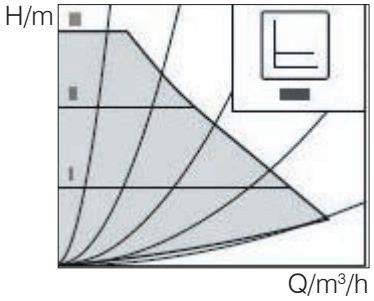
Recommended for two-pipe heating systems with radiators to reduce the flow noise at thermostatic valves.



The pump reduces the delivery head to half in the case of decreasing volume flow in the pipe network.
Electrical energy saving by adjusting the delivery head to the volume flow requirement and lower flow rates.
There are three pre-defined pump curves (I, II, III) to choose from.

Constant differential pressure Δp-c (I, II, III)

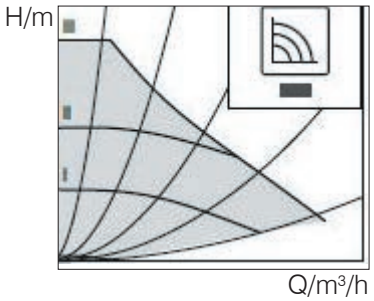
Recommended for underfloor heating or for large-sized pipes, applications without a variable pipe network curve (e.g. storage charge pumps) or single-pipe heating systems with radiators.



The control keeps the set delivery head constant irrespective of the pumped volume flow.
There are three pre-defined pump curves (I, II, III) to choose from.

Constant speed (I, II, III)

Recommended for systems with fixed system resistance requiring a constant volume flow.



The pump runs in three prescribed fixed speed stages (I,II, III).

NOTICE
Factory setting:
Constant speed, pump curve III

VENTING

Activate the pump venting function via the operating button: press and hold for 3 seconds, then release.

- The pump venting function is initiated and lasts 10 minutes.
- The top and bottom LED rows flash in turn at 1 second intervals.

To cancel, press and hold the operating button for 3 seconds.

NOTICE
After venting, the LED display shows the previously set values of the pump.

SETTING THE CONTROL MODE

Select control mode

The LED selection of control modes and corresponding pump curves takes place in clockwise succession.
Press the operating button briefly (approx. 1 second).
- LEDs display the set control mode and pump curve.

The following shows the various possible settings, beginning with the factory setting (constant speed / pump curve III):

Press the BUTTON	LED display	Control mode	Pump curve
1.		Constant speed	II
2.		Constant speed	I
3.		Variable differential pressure Δp-v	III
4.		Variable differential pressure Δp-v	II
5.		Variable differential pressure Δp-v	I
6.		Constant differential pressure Δp-c	III
7.		Constant differential pressure Δp-c	II
8.		Constant differential pressure Δp-c	I
9.		Constant speed	III

Pressing the button for the 9th time returns to the factory setting (constant speed / pump curve III).

Lock/unlock the button
To activate the key lock, press and hold the operating button for 8 seconds until the LEDs for the selected setting briefly flash, then release.

- LEDs flash constantly at 1-second intervals.
- The key lock is activated: pump settings can no longer be changed.

The key lock is deactivated in the same manner as it is activated.

NOTICE
All settings/displays are retained if the power supply is interrupted.

FAULT SIGNALS

- The fault signal LED indicates a fault.
- The pump switches off (depending on the fault) and attempts a cyclical restart.

LED	FAULTS	CAUSES	REMEDY
Lights up red	Blocking	Rotor blocked	Activate manual restart or contact customer service
	Contacting/ winding	Winding defective	
Flashes red	Under/ overvoltage	Power supply too low/ high on mains side	Check mains voltage and operating conditions, and request customer service
	Excessive temperature of module	Module interior too warm	
	Short-circuit	Motor current too high	
Flashes red/ green	Generator operation	Water is flowing through the pump hydraulics, but there is no mains voltage at the pump	Check mains voltage, flow rate/ pressure and ambient conditions
	Dry run	Air in the pump	
	Overload	Sluggish motor, pump is operated outside of its specifications (e.g. high module temperature). The speed is lower than during normal operation.	

MANUAL RESTART

The pump attempts an automatic restart upon detecting a blockage. If the pump does not restart automatically:
Activate manual restart via the operating button: press and hold for 5 seconds, then release.

- The restart function is initiated, and lasts max. 10 minutes.
- The LEDs flash in succession clockwise.

To cancel, press and hold the operating button for 5 seconds.

NOTICE
After the restart, the LED display shows the previously set values of the pump.

FIRST IGNITION (COMMISSIONING) PHASES

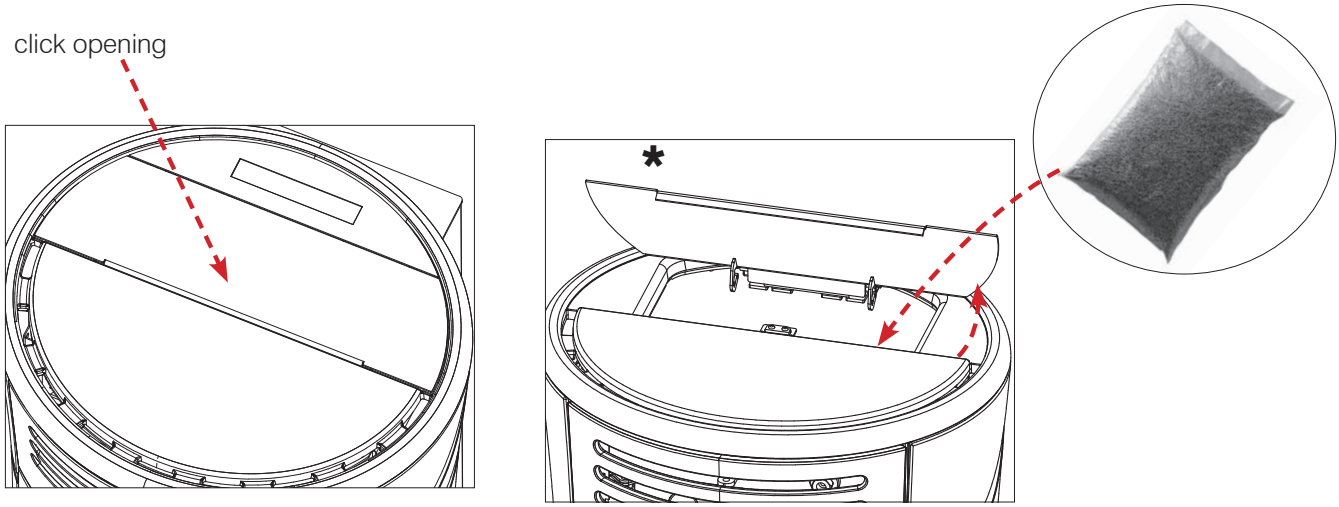
- Make sure you have read and understood this manual
- Remove all flammable materials from the appliance (manuals, labels, etc.). In particular remove any labels from the glass
- Make sure the technician has carried out first ignition for the product, and also filled the pellet tank for the first time (see the “loading pellet” paragraph in the Instructions for use).

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

LOADING THE PELLETS INTO THE TANK.

To access the tank, press on the cover which has a click opening (use the glove if the stove is hot).

When the stove is hot, DO NOT REST the bag of pellets on the upper grille.
Use the provided gloves when loading the stove while it is operating and hence hot to the touch.
Take care not to touch the fume exhaust pipe when hot.



FUEL

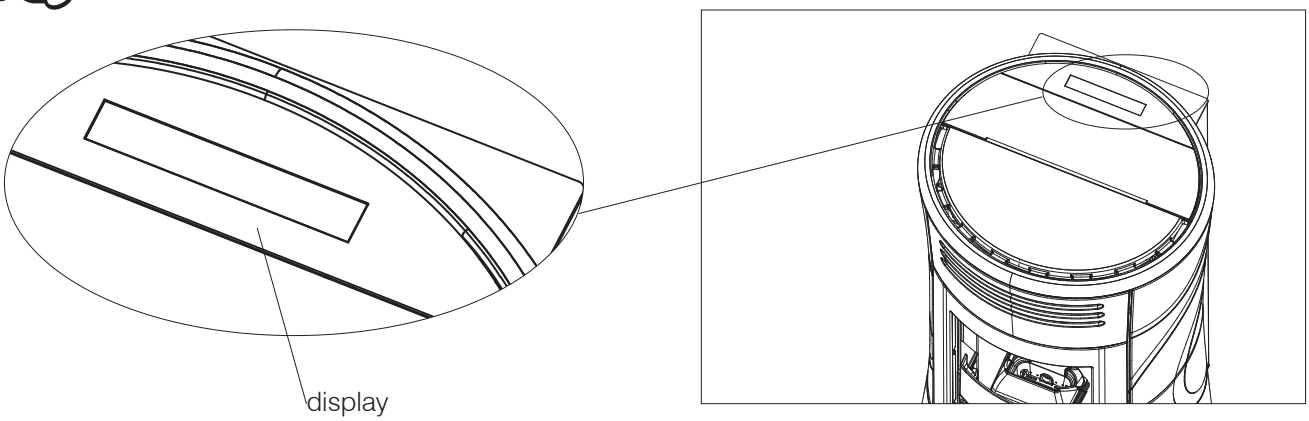
Use UNI EN ISO 17225-2 category A1 wood pellets or similar regulatory products with the following characteristics.
diameter 6 mm
length 3-4 cm
humidity <10 %
For reasons of safety and environmental compatibility, DO NOT burn plastic, painted wood, coal, bark or other such materials in the stove.
Do not use the stove as an incinerator.

Caution
Using fuels other than those specified can damage the appliance

SFIATO

Durante il normale funzionamento lo sfiato è automatico. Durante l’installazione il tecnico verifica lo sfiato sotto il top

INTERFACE: display on the top or remote control



panel

botton 0/1: to turn on and off (hold down for 2") and to exit from the menu during programming

Pressing briefly displays the set temperature and the working temperature; holding it down (hold for 2") allows you to access various programming menus.

to increase the various settings

to decrease the various settings; pressing for 5s locks the keypad, pressing for another 5s unlocks the keypad

Each time you press informs the memory of the electronic board that has been inserted into the 15Kg tank; a constant pressure of 5"deletes Kg residues or those previously entered

(ventilation button) sets the operation of the fan as follows:
- Air OFF: no ventilation; the stove channels all the power to the water
- Air AUTO: ventilation is optimised by an automatic programme
- Air MAN 1-2-3-4-5: ventilation is chosen manually by the user using the slider-led

Tap on the LED points to select the desired fan speed environment

1 2 3 4 5

Filling the feed screw

If the pellet storage tank is completely emptied, it follows that the Archimedes' screw is also emptied.
Before restarting the stove you must fill it by following these steps: press the +/- keys simultaneously (via the remote control or the synoptic panel) for a few seconds, after which, having released the keys, the display will show the text "Reload".

It is quite normal for some pellet residue to remain inside the hopper, this is what the feed screw is unable to pick up.

Once a month, fully vacuum the hopper to prevent dusty residue from accumulating.

Automatic ignition

With the boiler-stove on stand-by, press the 0/1 button for 2 seconds (on the synoptic panel or remote control).
This will start-up the ignition process, 'Start-up' will appear on the display and a countdown will commence in seconds (1020). There is no preset time for the ignition process: its duration will be automatically shortened if the control board detects that certain tests have been carried out positively.
The flame appears after about 5 minutes.

Manual ignition (in case of start up failure)

At a temperature lower than 3 °C – too low for the electrical resistance to become red hot - or if the resistance is temporarily not working, you can use a firelighter to ignite the boiler-stove.
Insert a well-lit firelighter into the combustion chamber, close the door and press 0/1 on the synoptic panel or remote control.

Operating modes

Operating from synoptic panel/remote control.
With the boiler-stove running or on stand-by, from the synoptic panel.
Press the + or – keys to increase or decrease the desired water temperature.
- Pressing the ventilation button causes the cyclic rotation of the 3 different settings of the stove's internal ventilation system (Air display).
You can turn the ventilation off (OFF), make it work in automatic mode (AUTO) or manually select the desired speed (MAN: 1-2-3-4-5).
In either case (automatic or manual), ventilation is activated when the stove is operational and automatically deactivates when the stove is on stand-by.

Shutdown
While the boiler-stove is working pressing the 0/1 key for 2 seconds begins the shutdown process and "STOPPING" is displayed (for 10 minutes). The turning off phase includes:
- The interruption of falling pellets
- The circulation of running water.
- Smoke extractor operating at maximum speed.
- Air ventilation
Never pull the plug during shutdown.
N.B. Please note that the circulator runs until the water temperature drops below 40° C.

Setting the clock
Press the MENU button for 2 seconds and use the + and – keys to follow the instructions given on the display to access the 'Clock' menu. This allows you to set the time on the electronic control board. Then press MENU and the following data appears in sequence – this can be adjusted: day, month, year, hour, minutes, day of the week. When 'Save?' appears on the display, you can check that the settings have been entered correctly before confirming. Press MENU to save the information ('Save OK' then appears on the display).

Programmer to ignite and shutdown the thermal stove at various times during the week.
Press the MENU button on the remote control or the synoptic panel for 2 seconds to access the time setting function and press the + key to access the weekly timer function 'Program ON/OFF' will appear on the display. The timer allows you to set a number of ignitions and shutdowns per day (up to a maximum of three), for each day of the week. As you confirm via the MENU button, one of the following options will appear:
- No Prog. (no program is set)
- Program/daily (a single program is set for every day)
- Program/weekly (a program is set for each day of the week)
Move from one to the other using the + and – keys.
Use the MENU button to confirm the 'Daily program'option and access the selection of the number of programs (ignition/shutdown) to be set per day. Use the 'Program/daily' option to set the identical program/s for every day of the week.
The following will be displayed if the + key is pressed:
- No Prog.
- Prog. No. 1 (one ignition and one shutdown per day), Prog. No. 2 (same as before), Prog. No. 3 (same as before)
Use the button to show them in reverse order. If the 1st program is selected, the ignition time is shown.
The display shows: 1 Ignition Hour 10.30; use the +/– keys to change the hour and press MENU to confirm.
The display shows: 1 Ignition Minutes 10.30; use the +/– keys to change the minutes and press MENU to confirm.
In the same way, adjust the shutdown times.
The program is confirmed by pressing the MENU button when "Saved" appears on the display.
When confirming 'Program/week', you will need to choose the day to which the program is to apply:
1 Mon; 2 Tues; 3 Wed; 4 Thurs; 5 Fri; 6 Sat; 7 Sun
Once you have chosen the day by scrolling through them with the + and – keys, confirm by pressing MENU and proceed with the settings of the programs in the same way as for the 'Program/daily', selecting whether or not to enable a program for each day of the week and choosing the number and times of interventions.
Should you make a mistake whilst setting the programs you can exit without saving by pressing the 0/1 key and 'Saved' will appear on the display. Should the hopper run out of pellets, the boiler-stove will block and 'Stop/Flame' will appear.

Pellet reserve warning
The boiler-stove is equipped with an electronic pellet detection system.
The pellet detection system is integrated into the electronic control board, allowing the stove to monitor how many kilos of pellets are left.
This verification is implemented at any point whilst the stove is in operation mode.
For correct system operation, it is important that the following procedure is adhered with during the first ignition (that must be implemented by the DEALER).
Before starting to use the pellet detection system, you must load and consume a full sack of pellets.
This allows for a brief running-in of the loading system.
Subsequently load 15 kg of pellets.
Then press the 'reserve' button once, thereby storing the data into the memory that 15 kg have been loaded.
From now on the display will show the remaining pellets as they decrease in kg (15…14...13). Each time pellets are reloaded you must
enter the quantity. E.g. when loading 15 kg, simply press the 'pellet load' button to enter this into the memory.
For other quantities, or in the event of an error, you can specify the quantity using the pellet reserve menu as follows:
Press the MENU button for 2 seconds to view the SETTINGS.
Press + or – consecutively to view T. Max exit.
Confirm by pressing MENU and the remaining quantity of pellets will be displayed + that being loaded (default is 15 and can be changed using the +/- keys).
Press the + button to increase the kg value to be entered, press the -button to reduce the value, repeatedly press the -button to get 00kg load (R on the display), which allows deletion of the residual load.
Should the hopper run out of pellets, the boiler-stove will block and 'Stop/Flame' will appear.

Variation feeding pellets (ONLY AFTER SUGGESTED BY DEALER)
Press and hold the "M" key on the remote control for two seconds. Scroll through the display instructions using the "+" and "–" keys, to the description "ADJ-PELLET". By confirming this function using the menu key you can adjust the supply of pellets,
by reducing the set value, you decrease the supply of pellets, increasing the set value increases the supply of pellets. This function can be useful in the event that one changes the type of pellets used, no longer using those for which the boiler-stove was calibrated, thus necessitating an adjustment of the load setting.

Should this correction not suffice, contact the Edilkamin-authorised Dealer, to establish the new operating axis.

Notes on flame variability: *A*ny changes in the state of the flame depend on the type of pellets used, as well as on normal variation of solid fuel flames and on the periodic cleaning of the crucible the boiler-stove automatically carries out
(Note: This does NOT replace the necessity cold vacuuming by the user prior to start up)*.*

Environmental temperature control
this comfortable and simple adjustment feature, as standard in this line of products, allows you to manage the stove power based on the environmental temperature. After activating the "Comfort Clima" function from the parameters menu (ask the technical assistance centre - TAC), press the SET button briefly a couple of times to switch from classic "Modulate_Power" mode to "Comfort Clima" mode; then select the desired mode from the display.

Modulate power mode
the stove modulates its power by following the output temperature set by the user.

Comfort Clima mode
the stove modulates its power by following the output temperature set by the user. You can also use the remote control as a room thermostat: on reaching the set temperature the stove will go to minimum power.

Setting the environmental temperature
In "Comfort Clima" mode, by pressing the +/- buttons on the synoptic panel or on the remote control, you can set the display to the desired environmental temperature.
-At environmental temperatures below the set temperature, the stove modulates power normally to reach the set output.
-With environmental temperature reached (+2°C), the stove goes to minimum power.
The environmental temperature is transmitted from the remote control; the remote control transmitter must be visually aligned with the receiver of the synoptic panel
If the remote control is incorrectly positioned, it cannot send its recorded temperature. The stove therefore independently decides to operate at minimum power and continues thus until the connection with the remote is restored

Temperature control with external thermostat
another temperature control system is available as an alternative to the remote control. You can in fact connect the thermostat serial port to your home thermostat or any (clean output contact) easily available one

The stove will automatically recognise the connection with the thermostat serial port under the following conditions:
With environmental temperature lower than the thermostat setting (contact closed), the stove modulates power normally to reach the set temperature
-With environmental temperature reached by the thermostat (contact open), the stove goes to minimum power

Configuration	Temperature provided by the remote control	Temperature provided by external environmental thermostat	No adjustment (factory setting)
"Comfort Clima" parameter	ON	ON	ON
"SONDA IR" parameter	ON	OFF	ON
Connection to serial port	NO no connection	Yes with blue serial cable	NO no connection

REMOTE CONTROL

This controls all the functions. It is necessary to point it directly at the boiler-stove.
For further information contact our customer service centre.

Key to buttons and display:

: ignition / shutdown button
+/- : to increase/decrease the various regulations
A : button to switch to the "EASY TIMER " program
M : key for viewing/setting the set temperature (Set 70°C)


Indicates data transmission between the remote control and the control board.


blocked keypad; avoid turning on the remote control for no reason (press "A" and "M" simultaneously for a few seconds to block/unblock the keypad)


low batteries; replace them and put them in their appropriate containers.


Indicates that ignition / shutdown is being via the "EASY TIMER" program

Indicates the room temperature detected by the remote control (it indicates the values of the set parameters during its technical set-up).


On icon: boiler-stove in start-up/operating phase


Indicates that the boiler-stove is operating in automatic mode

pellet/water boiler-stove remote control setting indicator

USING THE "EASY TIMER" PROGRAM

The new remote control allows you to manage a timer program that is very intuitive and easy to use:
- **If the boiler-stove is on:** a delayed shutdown can be set from the remote control - from one to twelve hours. The remaining time for the scheduled shutdown is shown on the display of the synoptic panel.
- **If the boiler-stove is off**: a delayed ignition can be set from the remote control - from one to twelve hours. The remaining time for the scheduled ignition is shown on the display of the synoptic panel.
- **Setting:** proceed as follows to set the timer:
a) Press the "A" button and the icon will light up on the display, thereby confirming the "Easy timer" program has been accessed.
b) Set the hours by pressing the +/- buttons, for example:

c)Point the remote control towards the synoptic panel receiver
d) Confirm the setting by pressing the "A" button for a few seconds; the icon will go off and the remaining time will appear on the synoptic panel after which the "Easy timer" setting will intervene.
e) Repeat points a), b), c), d) to cancel the setting, and set the hours to "00H"

BLOCKED KEYPAD

The remote control buttons can be blocked so as to prevent it from going on accidentally.
Press the A and M buttons simultaneously and the key symbol will light up confirming that the keys have been blocked.
Press the A and M buttons simultaneously once again to unblock the keypad.

LOW BATTERY INDICATOR

When the battery icon lights up it indicates that the batteries inside the remote control are almost flat.
Replace them with three new batteries of the same model (size AAA 1.5V).
- Do not use new batteries with used ones.
- Do not mix brands and different types as every type and brand has a different capacity.
- Do not mix traditional batteries with rechargeable ones;
- Do not try recharging alkaline and zinc-carbon batteries as this can cause them to break and/or a liquid leakage.

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

DAILY MAINTENANCE

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

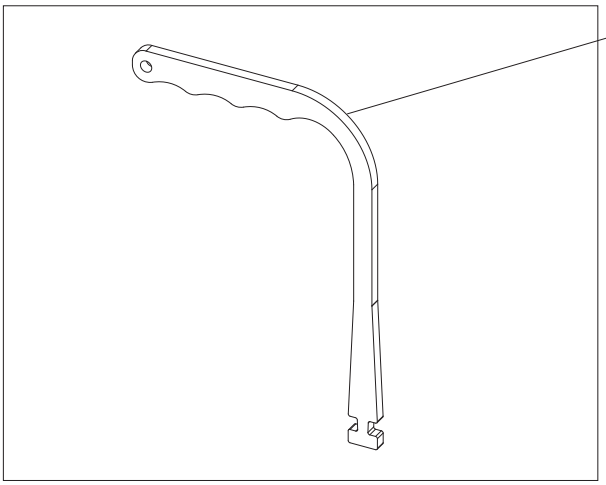
Do not dump the cleaning residue into the pellet tank.
Once it is refitted, make sure that the ash tray is properly placed in its housing, to avoid glass breakage when closing.
Make sure that the grate is properly placed in its housing after maintenance operations, if not, the stove may have ignition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

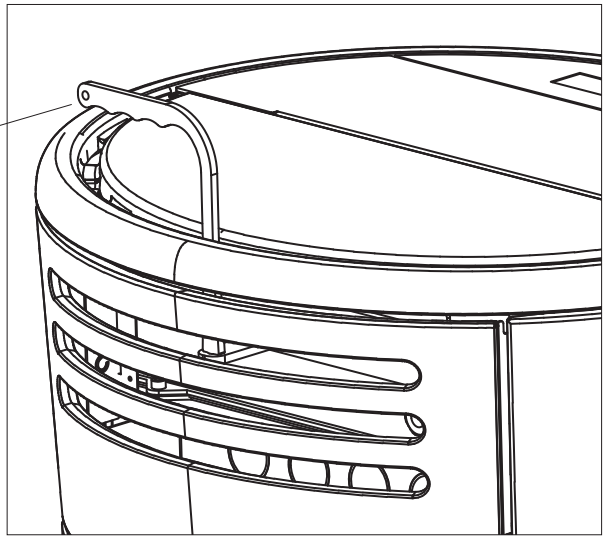
Using the stove without cleaning the grate can cause the gas in the combustion chamber to ignite and detonate

NOTE: The DEALER, upon commissioning, sets the kg value of consumed pellets; after which, the message "SERVICE UTE" will appear on the display. The boiler-stove continues operation, but the end client is invited to perform careful maintenance, described above and explained by the DEALER during commissioning, to the extent of his abilities. To eliminate the message from the display, press the ventilation button for at least 5 seconds after having completed maintenance.

DAILY MAINTENANCE

When the product is switched off and cold, it is advisable to operate the cleaning system using the supplied tool.

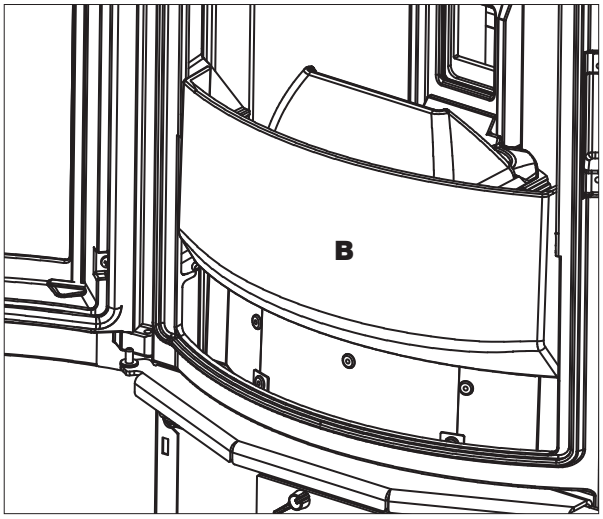




1. Open the combustion chamber door (P).

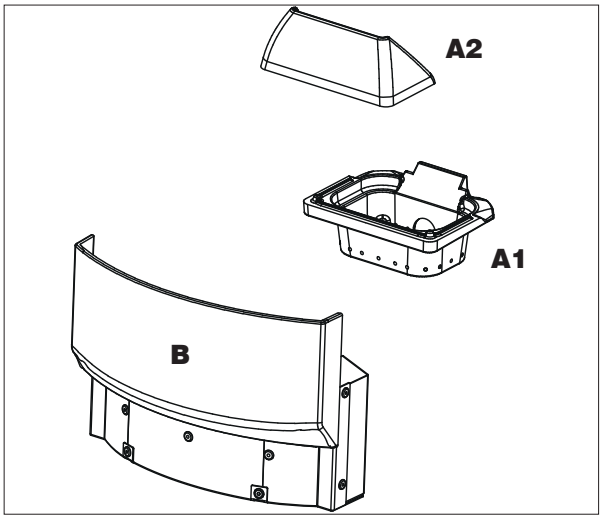
The grate consists of two parts (A1 and A2). It is snapped into position in its housing.

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



NEVER SUCTION HOT ASH, as this could damage the suction device and possibly cause a fire.

ATTENTION: MAKE SURE THE ASH PAN IS CORRECTLY POSITIONED IN ITS HOUSING



SEASONAL MAINTENANCE
(to be carried out by the technical assistance centre)

This consists in cleaning the stove inside and out.

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

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

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

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

SUMMER SHUTDOWN

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

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

SPARE PARTS

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

Do not make unauthorised modifications

DISPOSAL

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

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

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

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

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

If any problems occur, the boiler stove will automatically stop by performing the switch-off operation and a message will be displayed indicating the reason why it has been switched off (see below for the various reasons).

Never remove the plug while the appliance is shutting down.

If the boiler stove goes into block, you must allow the shut down procedure to finish completely (10 minutes with a beep), and then press the 0/1 button in order to restart it.

Do not turn the boiler stove on again, before checking the cause of the blockage and having CLEANED/EMPTIED the grate.

SHUTDOWN MESSAGES AND THEIR SOLUTIONS:

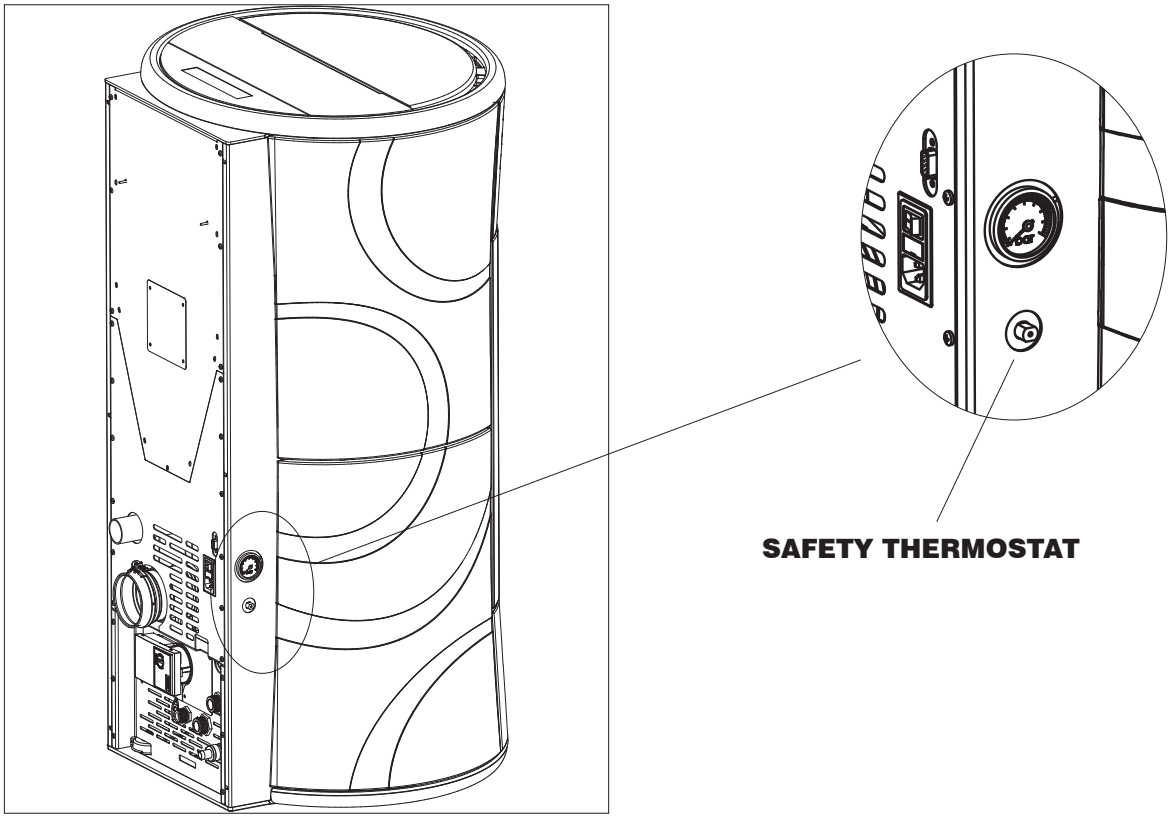
MESSAGE	PROBLEM	SOLUTION
BloccoAFNo Start	displays when ignition times out unsuccessfully	There are two possibilities: NO flame: • Check that the grate is seated properly and is clean • Check that there are pellets in the tank and grate • Use a piece of solid paraffin to light the stove (contact the technician first) Flame present: • Contact the technician
Check Expulsi.	displays when the logic board is not detecting the right fumes fan speed	• Contact the technician
Black out	Shut-down due to lack of electricity; this is not normally a defect of the boiler stove	• Check electrical connections and any voltage drops.
Over temp.exit	Shut-down due to exceeding maximum fumes temperature.	• Check the type of pellet (contact the technician if in doubt) • contact the technician
H2O TEMP. ALARM	Shut-down due to overheated water	• check the system has been vented • Contact the technician

MESSAGE	PROBLEM	SOLUTION
H2O PTC FAULT	displays if the water reading probe is faulty or disconnected	• Contact the technician
Stop Fire	displays when the thermocouple detects a fume temperature lower than the set value and interprets this as the absence of flame	• Check that there are pellets in the tank • Contact the technician
Broken TC	displays when the logic board determines that the fumes thermocouple is broken or disconnected	• Contact the technician
W A R N . L O W CURRENT	Displays if there are electrical absorption problems on the gearmotor	• Contact the technician
WARN.HIGH CURR.	Displays if there are electrical absorption problems on the gearmotor	• Contact the technician

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

MESSAGE	PROBLEM	SOLUTION
“Check Battery”	The stove does not shut down, but the term remains on the display.	• The back-up battery on the board needs replacing.
SERVICE? CAT	The stove does not shut down, but the term remains on the display. The stove has used the kg of pellets set by the technician	• Contact the technician to carry out maintenance
SERVICE?	The stove does not shut down, but the term remains on the display. The stove has used the kg of pellets set by the technician	• Carry out thorough maintenance as indicated in the pages on maintenance • Contact the technician
Init.air check	The stove does not shut down, but the term remains on the display, during the ignition phase.	• Contact the technician
Clean exchang.	The stove does not shut down, but the term remains on the display.	• Check that the stove is clean • Contact the technician

If pellet loading fails, especially after a power failure, check whether the safety thermostat has intervened **(A)**. If the temperature is too high, it switches OFF the product by cutting off the power supply to the gear motor.
If the thermostat is activated, it must be reset pressing softly with a thin object.



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