EDILKAMIN
TECNOLOGIA DEL FUOCO

BLADE2 H 18 UP
BLADE2 H 22 UP

PELLET BOILER STOVE

For all updates visit www.edilkamin.com

The original language of this manual is Italian

The undersigned, EDILKAMIN S.p.A., with registered office in Via P. Moscati 8 - 20154 Milan (Italy) - Tax ID Code and VAT number 00192220192

Hereby declares, under its sole responsibility, that:
the pellet stoves mentioned below comply with Regulation (EU) No. 305/2011 and the harmonised European standard EN 14785:2006

PELLET STOVES, bearing the
EDILKAMIN trademark, named
BLADE2 H 18 UP
BLADE2 H 22 UP

SERIAL NO.: Rating plate reference
BLADE2 H 18 UP Dichiarazione di prestazione (DoP - EK n° 218)
BLADE2 H 22 UP: Dichiarazione di prestazione (DoP - EK n° 219)

Moreover, the company hereby declares that:
the above-mentioned wood-burning pellet stoves satisfy the requirements of the following European directives:
2014/35/EU - Low Voltage Directive
2014/30/EU - Electromagnetic Compatibility Directive
2011/65/EU - RoHS
2009/125/EU - Ecodesign
2010/30/EU - Labelling

Dear Sir/Madam,
thank you for choosing our product and congratulations on your choice. Before using it, we kindly 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 this manual

This manual is addressed to:

- those who will 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.
If you find any anomalies, immediately contact the retailer where the purchase was made, providing them with a copy of the warranty certificate and the sales receipt.
The appliance must be correctly sized, installed, maintained and operated in compliance with local and national law and with European regulations. For the installation process, and for anything not specifically indicated in the manual, the local regulations apply.
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.

Identification of the product and warranty.

The product is uniquely identified by a number, its serial number (counterfoil) which can be found on:
- the warranty certificate;
- the CE plate.

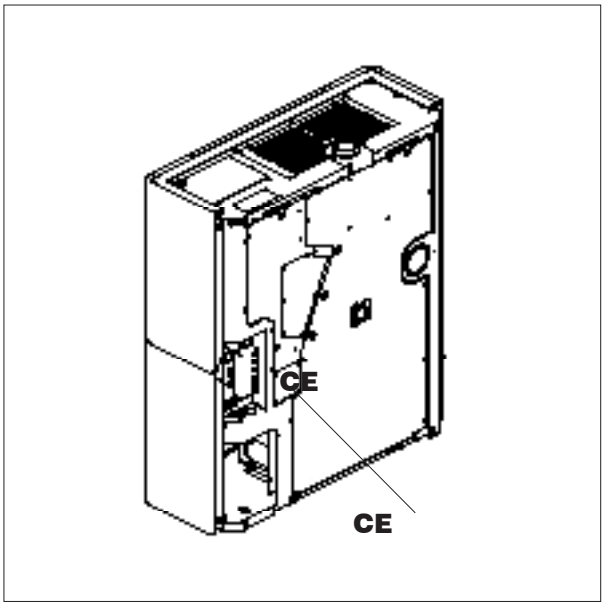
Please keep:

- the warranty certificate accompanying the product;
- the purchase receipt given to you by the retailer;
- the declaration of conformity (or the documents required in the country of installation) issued to you by the installer.

The warranty conditions are given in the warranty certificate accompanying the product and on the website www.edilkamin.com.

CE marking

The product's CE marking plate is located on the back.



- 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:

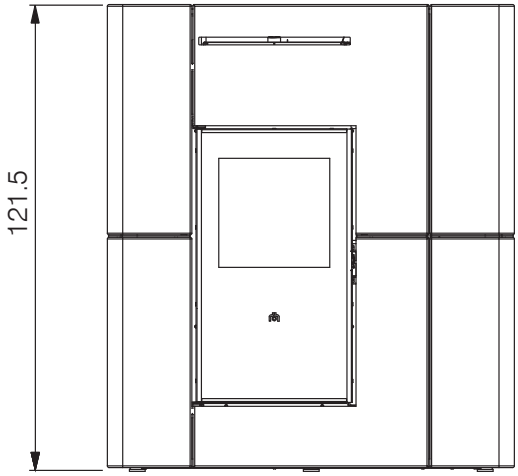
- installation in non-suitable settings, in particular those that are subject to fire risks. DO NOT INSTALL THE PRODUCT IN AREAS SUBJECT TO THE RISK OF FIRE.
- contact with fire and hot parts (e.g. glass panel and pipes). DO NOT TOUCH HOT PARTS and, when the stove is switched off and still hot, always 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.

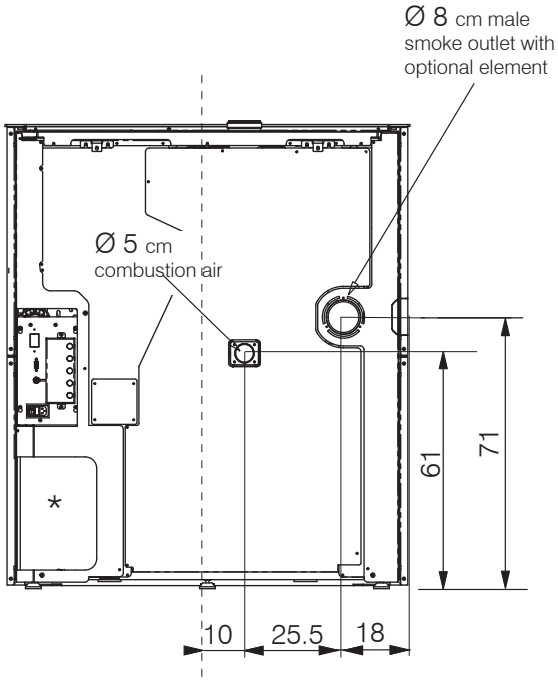
- cleaning the smoke duct with cleaning products. DO NOT CLEAN THE PRODUCT WITH FLAMMABLE PRODUCTS. Risk of fire or blowback.
- cleaning the glass pane while hot or with unsuitable cleaning products. DO NOT CLEAN HOT GLASS WITH WATER. ONLY USE RECOMMENDED GLASS CLEANING PRODUCTS. Risk of cracking and 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.

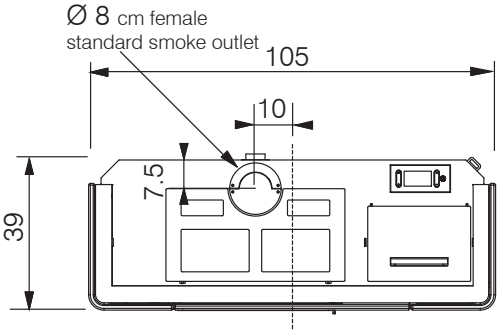
For reasons of safety, read the user instructions included in this manual.

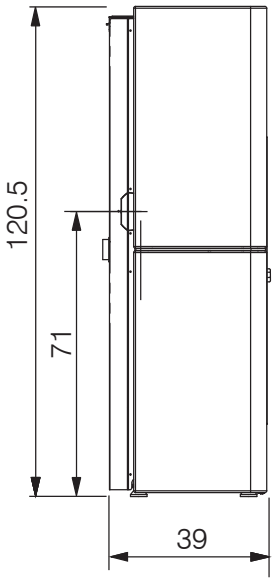
BLADE H 18–22 CERAMIC (cm)





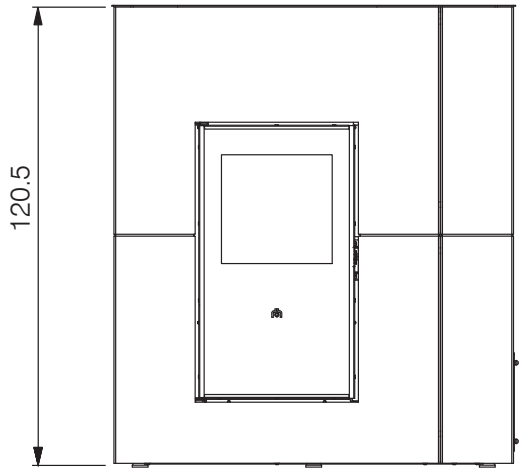
* space for housing the R, R2 or RW (Blade H22) hydraulic kit. Information on the kit manual.

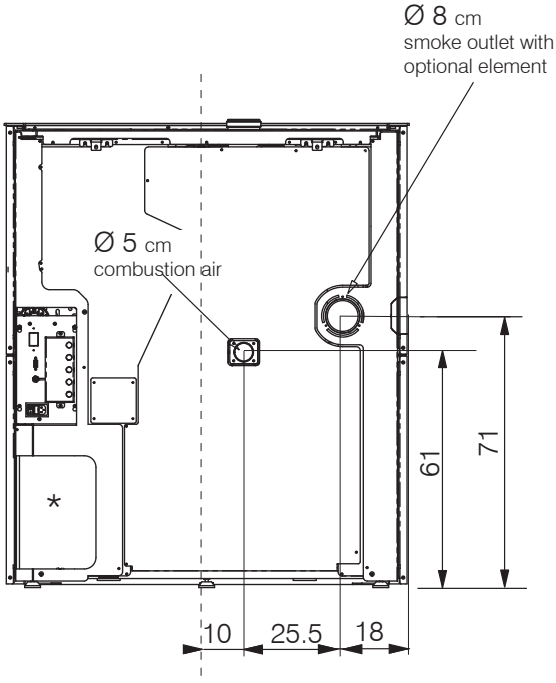




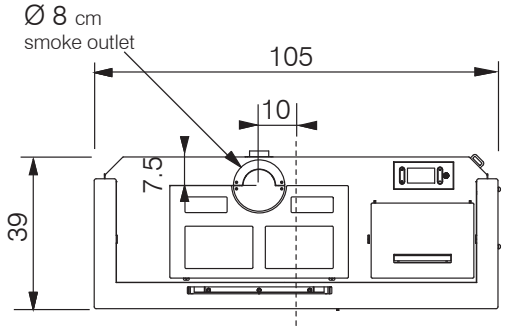
The boiler stove is supplied standard with the top smoke outlet female.
An optional kit is available for the rear smoke outlet.

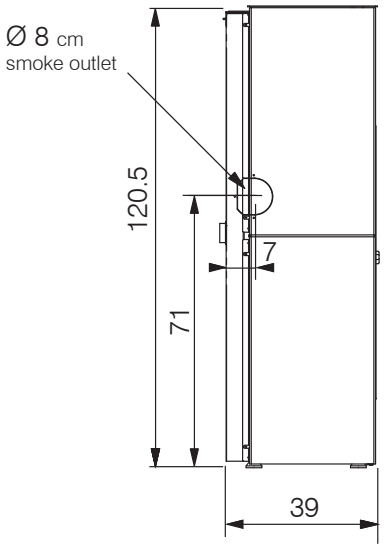
BLADE H 18–22 STEEL (cm)





* space for housing the R, R2 or RW (Blade H22) hydraulic kit. Information on the kit manual.





The boiler stove is supplied standard with the top smoke outlet female.
An optional kit is available for the rear or side smoke outlet.

TECHNICAL DATA pursuant to EN 14785 The data shown is purely indicative and was measured during the certification phase at notified bodies under standard conditions.				
	BLADE2 H 22 UP	BLADE2 H 18 UP		
	Nominal power		Reduced power	
Available power	22,8	19,2	5,4	kW
Power available to water	19	15,5	4,3	
Efficiency	91,6	91,7	93,8	%
CO emissions at 13% O_2	94	61	31	mg/m3
Smoke temperature	149	138	74	°C
Fuel consumption *	5,2	4,4	1,2	kg/h
Tank capacity	30			kg
Draught	11,8		9,8	Pa
Autonomy	6	7	25	ore
Water content	20			l
Closed vessel	8			l
Maximum operating pressure	3			bar
Maximum operating temperature	90			°C
Heatable volume **	595	500		m^3
Smoke duct diameter	80			mm
Air intake duct diameter	50			mm
Weight including packaging	307/259			kg
Energy efficiency class (Regulation 1185/ 2015)(Classi A++/G)	A++			

* A calorific value of 4.8 kW/kg was used to calculate consumption.
** The heatable volume is calculated based on the assumption of a heating demand of 33 Kcal/m^3 hour.
*** The autonomy may vary in relation to the usage/installation/fuel characteristics and is not contractually binding nor can it constitute grounds for dispute.
*** Accessories for ducting hot air are available.
The product can work safely even with greater draught.
Excessive draught could cause the product to switch off and/or lower its performance.

NOTE: the smoke outlet diameter does not match the chimney system diameter, which must be sized accordingly.

EDILKAMIN S.p.A. reserves the right to modify the product at its own discretion and without prior notice, with a view to improvements.

DATI TECNICI PER DIMENSIONAMENTO CANNA FUMARIA
che deve comunque rispettare le indicazioni della presente scheda e delle norme di installazione di ogni prodotto

	BLADE2 H 22 UP	BLADE2 H 18 UP		
	Potenza Nominale		Potenza Ridotta	
Temperatura uscita fumi allo scarico				kW
Tiraggio minimo	0,01			Pa
Portata fumi	15,5	14,2	6,7	g/s
Emissione CO2	11,6	10,5	5,9	%

ELECTRICAL SPECIFICATIONS

	BLADE2 H 22 UP	BLADE2 H 18 UP		
	Potenza Nominale		Potenza Ridotta	
Power supply	230 Vac +/- 10% 50 Hz			
Absorbed power	80	80	70	W
Absorbed power stand by	3			W
Max Absorbed power	300			W
Protection	Fusibile 250v 4 AT 5 mm x 20 mm			

ECODESIGN REQUIREMENTS FOR SOLID FUEL BOILERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1185 AND ECOLABEL REQUIREMENTS FOR SOLID FUEL BOILERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1186

EDILKAMIN – VYDA2 H 22 UP, BLADE2 H 22 UP, KIRA2 H 22 UP
ITALIANA CAMINI – LAYMA2 IDRO 22

Indirect heating functionality: YES

Direct heat output: 3,8 kW (space heat output)

Indirect heat output: 19,0 kW (water heat output)

Fuel	Preferred fuel (only one):	Other suitable fuel(s):	η_s [%]:	Space heating emissions at nominal heat output(*)				Space heating emissions at minimum heat output(*)(**)			
				PM	OGC	CO	NOx	PM	OGC	CO	NOx
				mg/m^3 at 13%O_2				mg/m^3 at 13%O_2			
Log wood, moisture content ≤ 25 %	no	no									
Compressed wood with moisture content < 12 %	yes	no	**88,8**	**11**	**1**	**94**	**96**	**10**	**<1**	**31**	**95**
Other woody biomass	no	no									

Characteristics when operating with the preferred fuel only:

Seasonal space heating energy efficiency η_s [%]: **88,8**

Energy efficiency index EEI: **130** — Energy efficiency class: **A++**

Item	Symbol	Value	Unit
Heat output			
Nominal heat output	P_{nom}	22,8	kW
Minimum heat output (indicative)	P_{min}	5,4	kW
Auxiliary electricity consumption			
At nominal heat output	el_{max}	0,080	kW
At minimum heat output	el_{min}	0,070	kW
In standby mode	el_{SB}	0,003	kW
Permanent pilot flame power requirement			
Pilot flame power requirement (if applicable)	P_{pilot}	N.A.	kW

Item	Symbol	Value	Unit
Useful efficiency (NCV as received)			
Useful efficiency at nominal heat output	$\eta_{th,nom}$	91,6	%
Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$	93,8	%

Type of heat output/room temperature control (select one)	
single stage heat output, no room temperature control	NO
two or more manual stages, no room temperature control	NO
with mechanic thermostat room temperature control	NO
with electronic room temperature control	NO
with electronic room temperature control plus day timer	NO
with electronic room temperature control plus week timer	YES
Other control options (multiple selections possible)	
room temperature control, with presence detection	NO
room temperature control, with open window detection	NO
with distance control option	YES

Contact details	Name and address of the manufacturer or its authorized representative.
Tel. +39 02 937621	Manufacturer: EDILKAMIN S.P.A.
www.edilkamin.it	Via Mascagni 7
mail@edilkamin.it	20020 Lainate (MI) – ITALY

(*) PM = particulate matter, OGCs = organic gaseous compounds, CO = carbon monoxide, NO_x = nitrogen oxides
(**) Only required if correction factors F(2) or F(3) are applied.

ECODESIGN REQUIREMENTS FOR SOLID FUEL BOILERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1185 AND ECOLABEL REQUIREMENTS FOR SOLID FUEL BOILERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1186

EDILKAMIN – VYDA2 H 18 UP, BLADE2 H 18 UP, KIRA2 H 18 UP
ITALIANA CAMINI – LAYMA2 IDRO 18

Indirect heating functionality: YES

Direct heat output: 3,7 kW (space heat output)

Indirect heat output: 15,5 kW (water heat output)

Fuel	Preferred fuel (only one):	Other suitable fuel(s):	η_s [%]:	Space heating emissions at nominal heat output(*)				Space heating emissions at minimum heat output(*)(**)			
				PM	OGC	CO	NOx	PM	OGC	CO	NOx
				mg/m^3 at 13%O_2				mg/m^3 at 13%O_2			
Log wood, moisture content ≤ 25 %	no	no									
Compressed wood with moisture content < 12 %	yes	no	**88,7**	**14**	**1**	**61**	**96**	**10**	**<1**	**31**	**95**

Characteristics when operating with the preferred fuel only:

Seasonal space heating energy efficiency ηs [%]: **88,7**

Energy efficiency index EEI: **130** — Energy efficiency class: **A++**

Item	Symbol	Value	Unit
Heat output			
Nominal heat output	P_{nom}	**19,2**	kW
Minimum heat output (indicative)	P_{min}	**6,4**	kW
Auxiliary electricity consumption			
At nominal heat output	el_{max}	**0,080**	kW
At minimum heat output	el_{min}	**0,070**	kW
In standby mode	el_{sb}	**0,003**	kW
Permanent pilot flame power requirement			
Pilot flame power requirement (if applicable)	P_{pilot}	**N.A.**	kW

Item	Symbol	Value	Unit
Useful efficiency (NCV as received)			
Useful efficiency at nominal heat output	$\eta_{th,nom}$	**91,7**	%
Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$	**93,8**	%

Type of heat output/room temperature control (select one)	
single stage heat output, no room temperature control	**NO**
two or more manual stages, no room temperature control	**NO**
with mechanic thermostat room temperature control	**NO**
with electronic room temperature control	**NO**
with electronic room temperature control plus day timer	**NO**
with electronic room temperature control plus week timer	**YES**
Other control options (multiple selections possible)	
room temperature control, with presence detection	**NO**
room temperature control, with open window detection	**NO**
with distance control option	**YES**

Contact details	Name and address of the manufacturer or its authorized representative.
Tel. +39 02 937621 www.edilkamin.it mail@edilkamin.it	Manufacturer: EDILKAMIN SPA Via Mascagni 7 20020 Lainate (MI) – ITALY

(*) PM = particulate matter, OGCs = organic gaseous compounds, CO = carbon monoxide, NO_x = nitrogen oxides
(**) Only required if correction factors F(2) or F(3) are applied.

PREPARATION AND UNPACKING

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

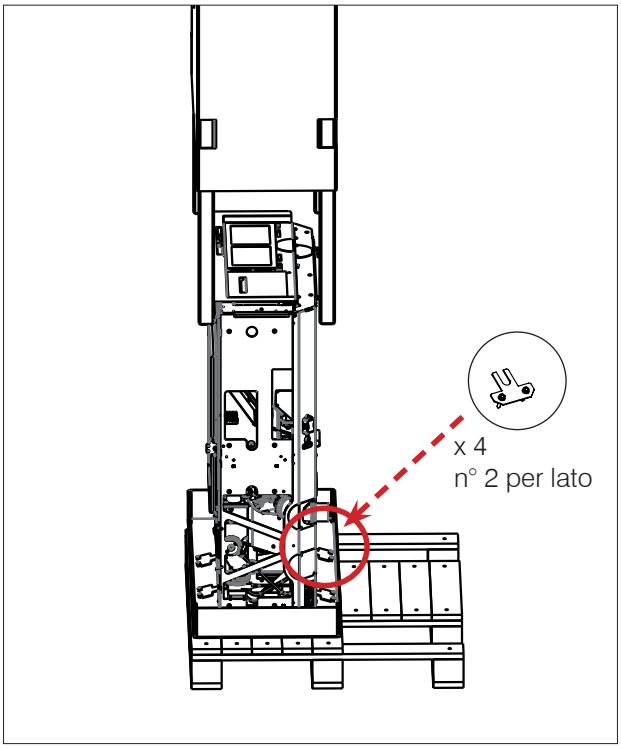
The packaging may vary in the various destination countries for regulatory and transport-related reasons.

Always move the stove in an upright position with suitable equipment and in observance of safety regulations.
Do not turn the package over, and handle all parts requiring installation with care.

Be careful children

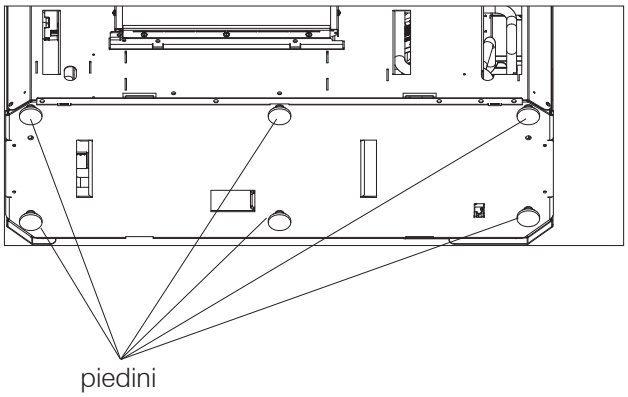
TO REMOVE THE PALLET

Undo the for screws on each bracket



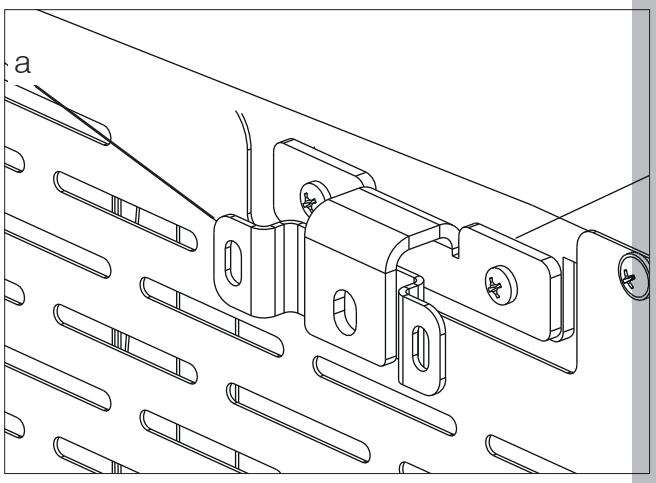
ADJUSTABLE FEET

The Blade H boiler stoves have adjustable feet to adapt to uneven floors.
The feet can be adjusted by slightly raising the boiler stove or using a screwdriver from above the foot.



WALL MOUNTING

Mount the stove to the wall with the plates provided (a) and the brackets (b) already mounted on the product, or use alternative systems that guarantee that the product remains stable.
Fix the brackets to the wall using wall plugs.



THE DRAWINGS ARE PURELY INDICATIVE AND ARE USEFUL FOR ASSEMBLY PURPOSES, BUT DO NOT ALWAYS REFER TO THE SPECIFIC MODEL.

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.

Edilkamin offers four internal kits (optional)

PRESSURE GAUGE

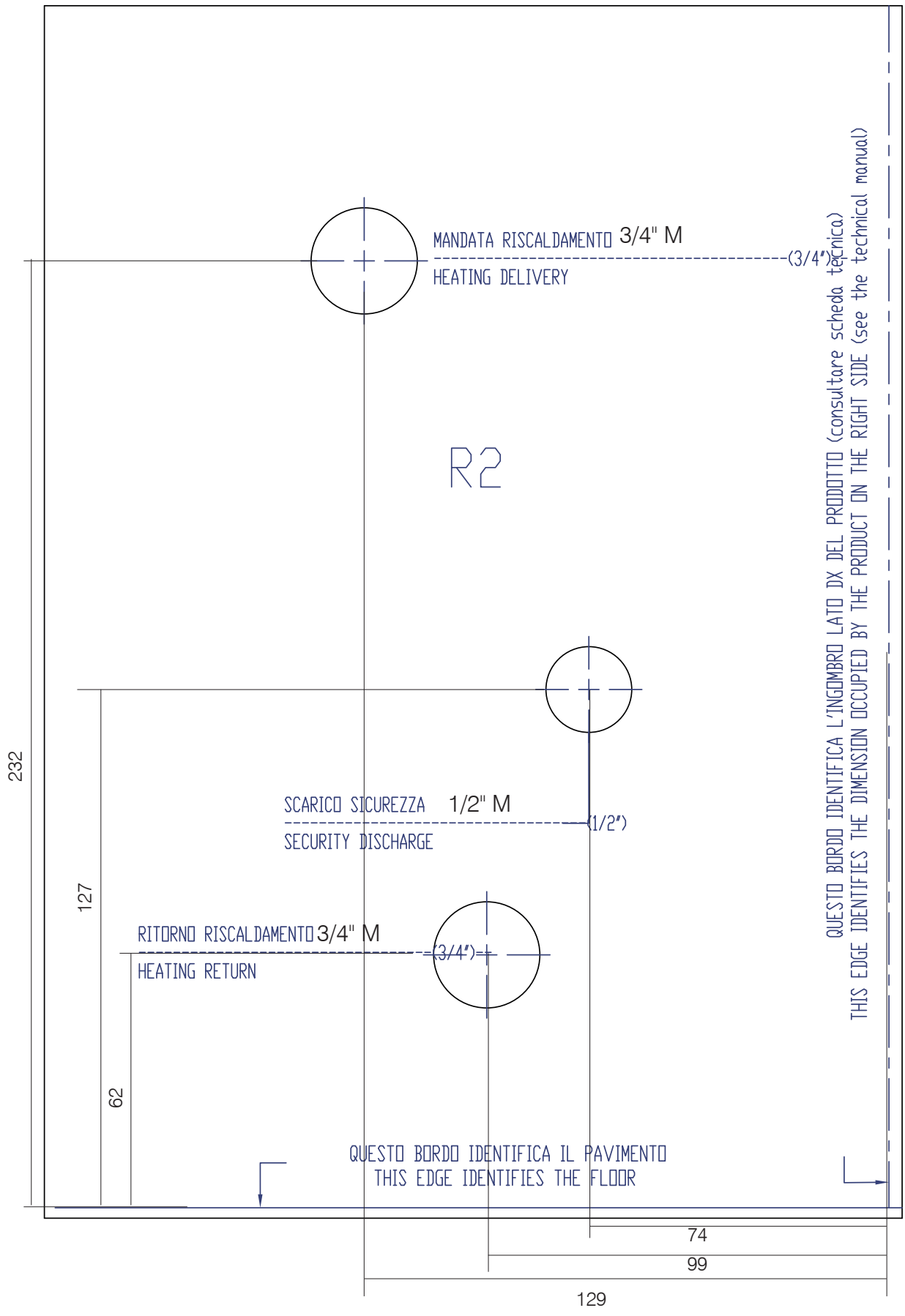
Kits are provided with an electronic reading system for water pressure. Therefore, there is no analogue pressure gauge. Edilkamin proposes an analogue pressure gauge as optional.

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

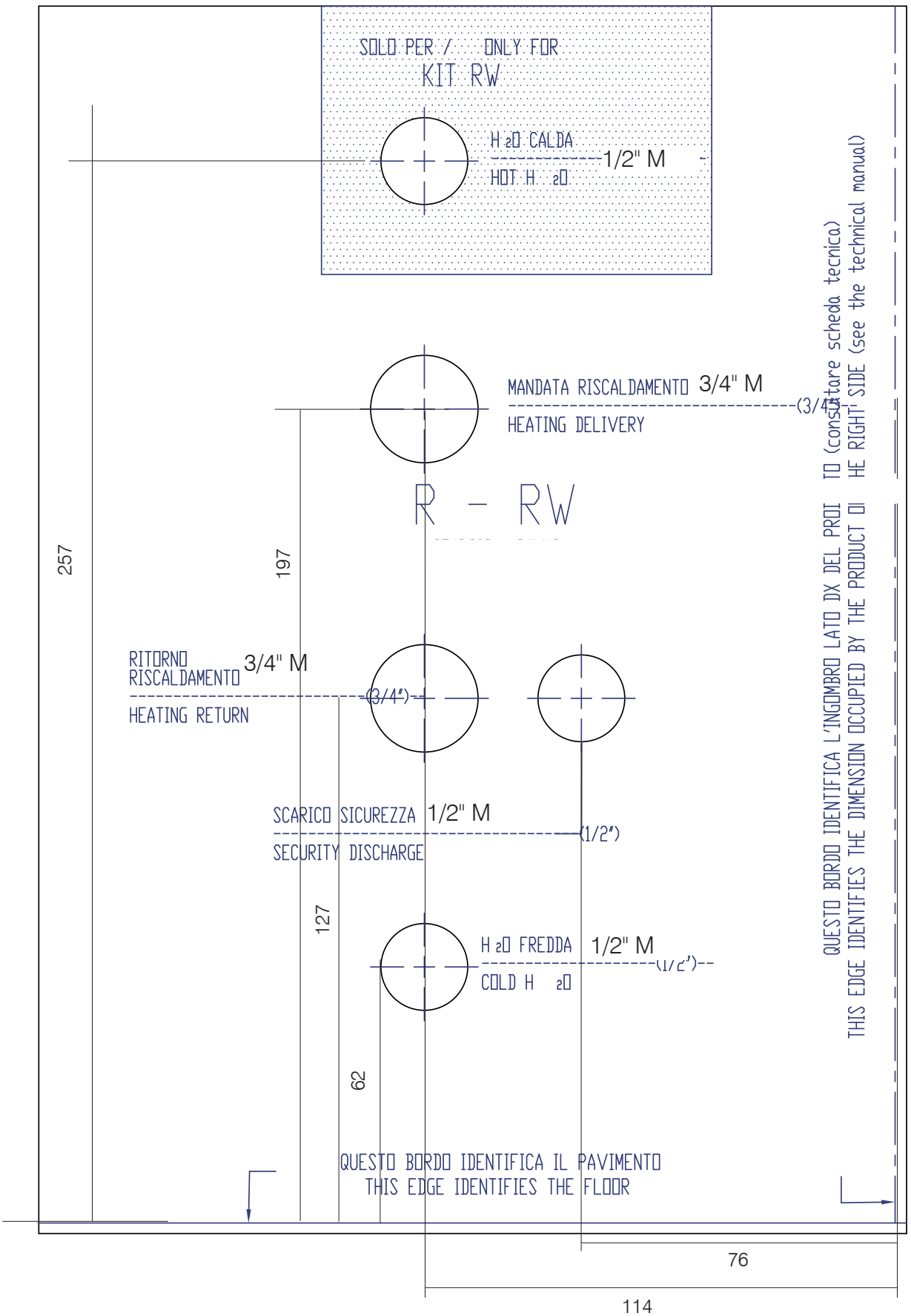
VENT

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

R2 KIT Hydraulic connections template in mm

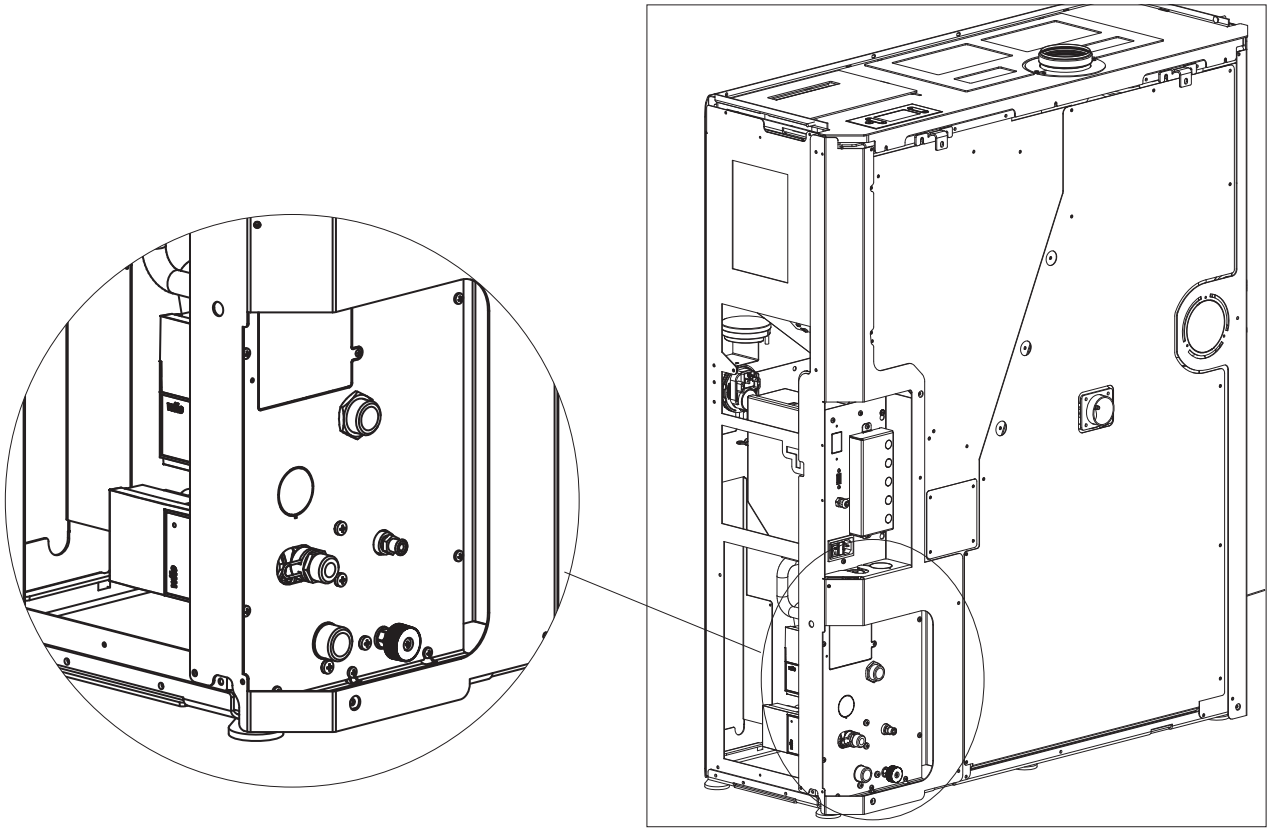


R-RW KIT Hydraulic connections template in mm

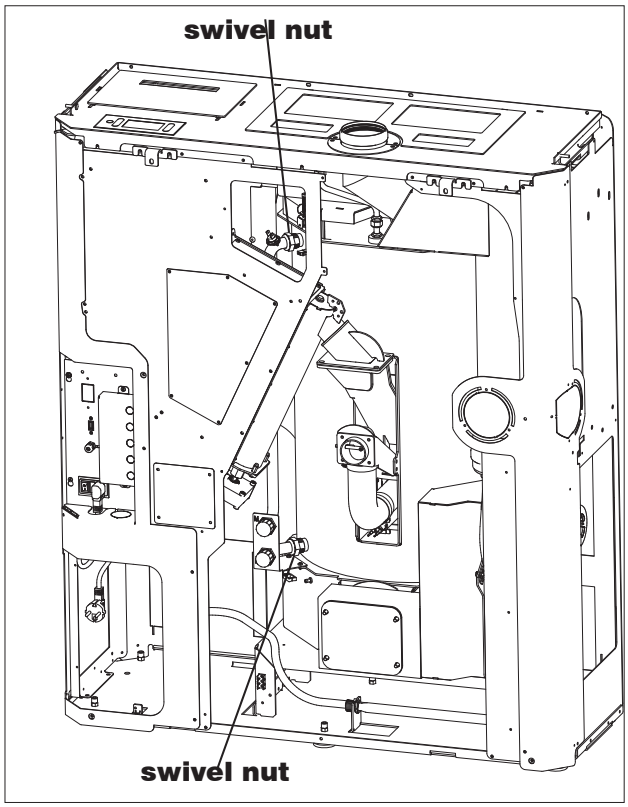


RIGHT-HAND SIDE HYDRAULIC FITTINGS

To have the hydraulic fittings on the right-hand side, it is possible to use commercial elbows and “exploit” the “recess” (“indent”) between the pipes’ outlet and the rear of the stove, as shown in the figure below.



When installing the kit, remove the rear and verify that the swivel nuts on the boiler stove’s outlet pipes are closed.



REMARKS ON INSTALLATION

Please note that:
- the installation must be carried out by qualified personnel;
- the appliance must be installed and used in compliance with all local and national law and with European regulations; The Italian reference standard is UNI 10683. ; if the product is installed in a condominium, the appliance must be approved by the administrator;
- if the product is installed in public premises, check and follow the local regulations applicable to this type of installation.

Below are a few general instructions which, however, do not obviate the need to comply with local regulations and do not imply any liability on the installer's job.

Checking the suitability of the room of installation

- The room must have a volume of at least 30 m^3.
- The floor must be able to bear the weight of the product and its accessories* (see the note in the paragraph on heat protection).
- Level the appliance.
- In Italy, pursuant to the UNI 10683 standard, the appliance can also be installed in bedrooms or in rooms which already include a product that takes in combustion air from the same room, provided that the air inlet is connected to the outside.
- Do not install the product in rooms where there is a risk of fire or explosion.
- In Italy, verify the compatibility pursuant to the UNI 10683 and UNI 7129 standards 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 of 15 cm at the sides and 10 cm at the back from flammable materials;
- no flammable materials may be kept closer than 80 cm from the front of the appliance.

If the product is installed with a wooden wall or a wall made of other flammable material, the flue must be appropriately insulated.

If the product is installed on a flammable and/or combustible floor, or on a floor incapable of bearing its load*, we recommend placing a steel or glass plate under the stove to distribute the load.
Contact the retailer for this type of optional feature.

Positioning the product

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

NOTE
The smoke outlet diameter does not match the chimney system diameter. The chimney system must be sized in accordance with the national and local regulations.
In particular (this is not an exhaustive list), refer to the EN 13384, EN 1443, EN 1856, EN 1457 standards and to all local regulations.

FLUE SYSTEM
(Fumes 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 the applicable regulations.
The product must be connected to a smoke exhaust system which ensures that the smoke produced by combustion is expelled 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 smoke outlet with the flue inlet) and the flue itself must, among other regulatory requirements, generally:

- receive the outlet from a single product only (outlets of more than one product together are not allowed)*; specific regulations apply in certain countries, therefore the installer must ensure that the local regulations have been observed;
- be installed vertically for the most part;
- have no downward sloping sections;
- preferably have a round internal cross-section and nevertheless with a ratio between the sides below 1.5;
- end 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 opens onto the sky;
- be made of material rated fire reaction class A1 per UNI EN 13501 or analogous national regulations;
- be appropriately certified, with a suitable chimney plate if made of metal;
- maintain the same cross-section throughout: it may only vary immediately after the outlet, not along the flue.

THE SMOKE DUCT

In addition to the general requirements for the fume duct and the flue, the fume duct:

- may not be made of flexible metal material;
- must be insulated if routed through unheated areas or outside;
- must not be routed through rooms where the installation of combustion heat generators is prohibited, or that are subject to potential fire, or that cannot be inspected;
- must enable the recovery of soot and be open for inspection;
- generally speaking, must not have more than 3 bends with a 90° maximum angle; the technician who sizes them must assess the situation;
- generally speaking, if there is a horizontal section, it can have a maximum/average length of 3 metres, depending on the draught. Nonetheless, take into account that long sections favour dirt build-up and are harder to keep clean; the technician who sizes the pipes must assess the situation.

Avoid infiltration of condensate water through the flue. If necessary, mount an anti-condensate ring – ask your chimney sweeper for details.
Damage caused by condensate water is not covered by the warranty.

*
In some nations, installations with multiple flues are permitted under certain conditions. Depending on regional regulations, additional safety systems are necessary in case of connection to multiple flues. Your chimney sweeper/technician will be able to provide further details.

THE FLUE:
In addition to the general instructions applicable to the fume duct and the flue, the flue:

- must only be used for discharging fumes;
- must be correctly sized to satisfy the requirements for flue gas discharging (EN 13384-1, a non-exhaustive example);
- must preferably be insulated, made of steel and with a round inner cross-section. If rectangular, the corners must have a radius of no less than 20 mm, with a ratio between the inner dimensions <1.5;
- must normally have a minimum height of 1.5 metres;
- must have a constant cross-section;
- must be waterproof and thermally insulated to ensure proper draught;
- preferably mount a collection chamber for unburnt residues and any condensate build-up;
- if pre-existing, it must be clean to prevent fire hazards;
- in general, we recommend embedding the flue in the existing masonry chimney if its diameter exceeds 150 mm; the technician who sizes the pipes must assess the situation.

EMBEDDED SYSTEM:
In addition to the general requirements applicable to the fume duct and the flue, the embedded system must:

- operate in negative pressure;
- be open to inspection;
- comply with the local regulations.

THE CHIMNEY POT

- must be anti-downdraught;
- must have an internal cross section equivalent to that of the flue and a fumes 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 fumes from the solid fuel appliance or that from the higher storey, must be at least 50 cm higher than the other;
- must extend beyond the back-flow zone (in Italy, refer to UNI 10683 point 6.5.8.);
- must allow for maintenance of the chimney.

EXTERNAL AIR INTAKE
In general, we suggest two alternative ways for ensuring a proper flow of indispensable 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 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 an effective size (net of the mesh or other protective equipment) that is at least equal to that of the air intake at the back of the product.
Choose the diameter based on the load losses.
Connect the air intake to the appliance's air intake with a pipe that may also be flexible. Increase the pipe diameter if the pipe is not smooth: assess any load loss.
A maximum length of 5 metres is recommended, with no more than 3 bends depending on the draught of the flue.

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 air pressure in the adjacent room is never lower than that of the outdoor pressure;
- the adjacent room is not a garage, subject to fire hazard, a bathroom or a bedroom;
- the adjacent room is not a shared room in the building.

In Italy, the UNI 10683 standard states 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 standard, a non-exhaustive example). The installer who issues the declaration of conformity is responsible for ensuring these conditions.

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

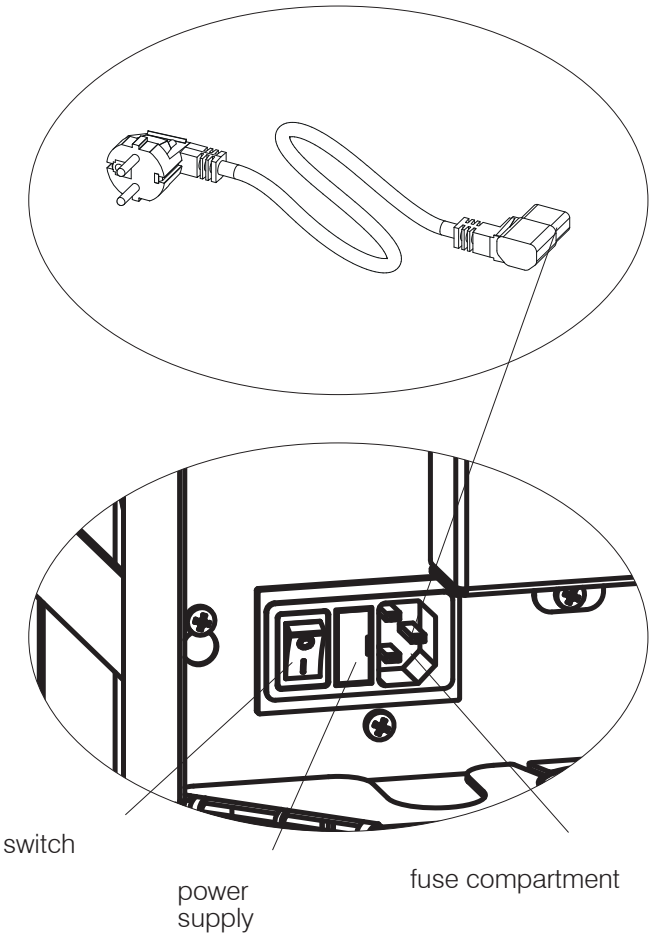
The stove is equipped with an electrical power cord or connection to a 230V 50 Hz socket, preferably with an electromagnetic switch.
Variations in voltage of more than 10% can compromise the operation of the stove.

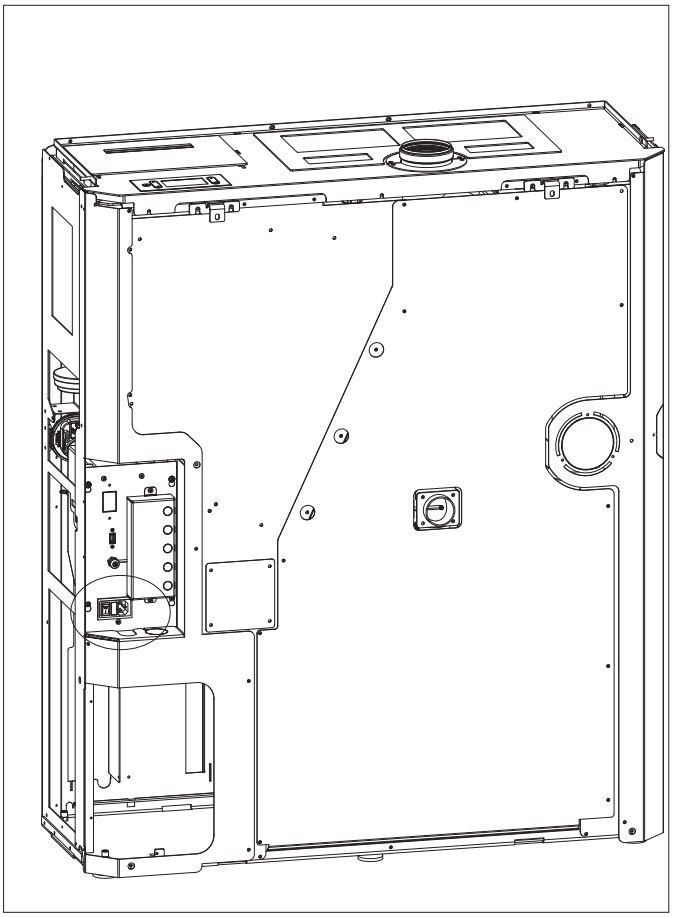
The power line must be of adequate section for the power of the appliance.

Power up the stove by shifting its switch from 0 to 1.
There is a 4 A fuse on the socket with switch located at the rear 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 cable must not come into contact with the flue pipes or other hot parts of the stove.

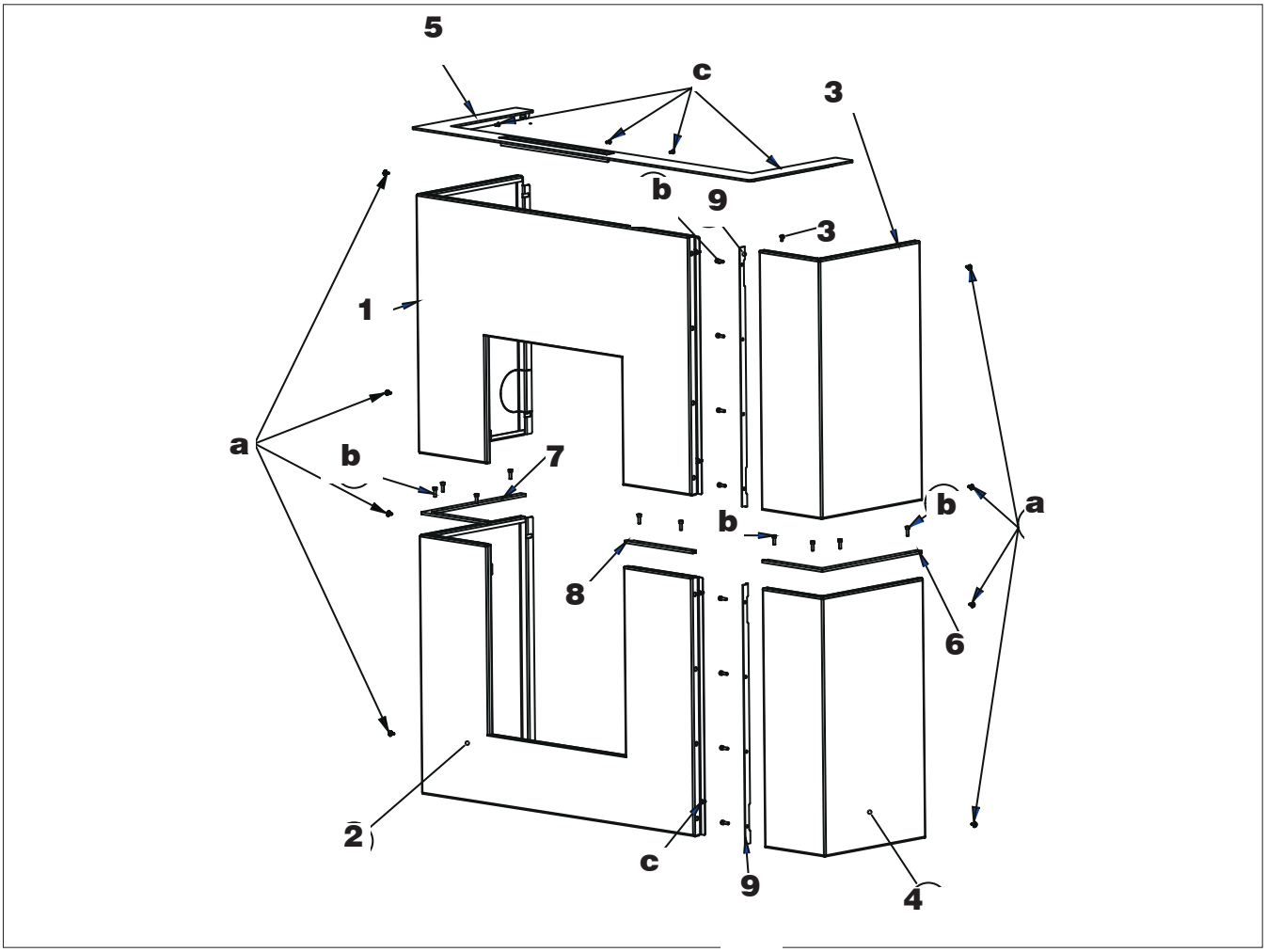




Description	Reference in the figures below	Quantity
Top left-hand side panel with pre-cutting for side fume discharge	**(1)**	1
Bottom left-hand side panel	**(2)**	1
Top right-hand side panel	**(3)**	1
Bottom right-hand side panel	**(4)**	1
Aesthetic top edge	**(5)**	1
Right-hand profile	**(6)**	1
Left-hand external profile	**(7)**	1
Front external profile	**(8)**	1
Central spacer	**(9)**	2
Small hardware		
Self-tapping screw with washer 4.2x13 black	**(a)**	8
Countersunk hex screw M5x16	**(b)**	18
Self-tapping screw 4.2x9.5	**(c)**	9

"Right" and "left" refer to the product when viewed from the front.

The above-mentioned elements, once they have been mounted, will be positioned ("exploded") as shown in the figure below. The mounting operations are described in the figures appearing on the following pages.



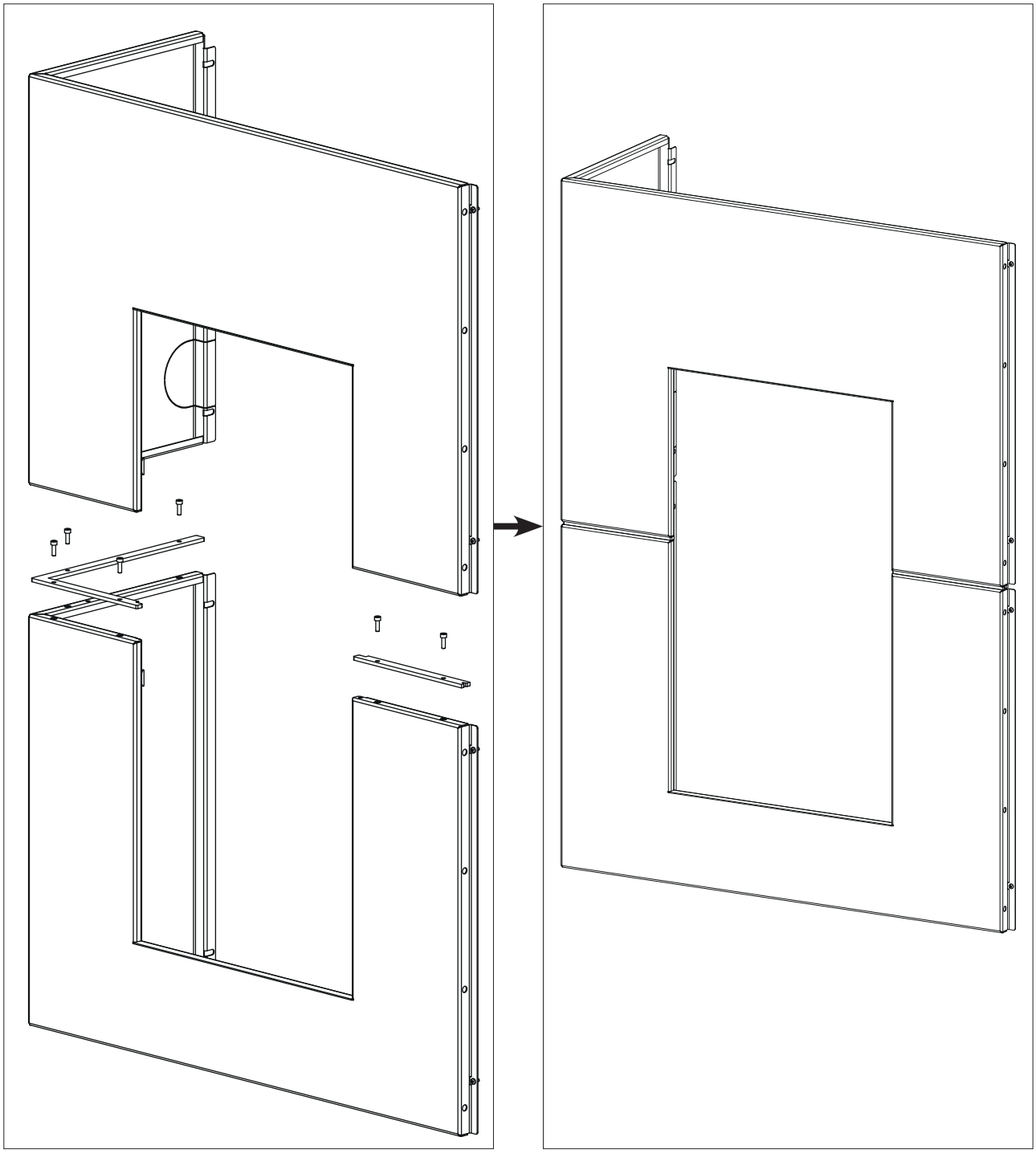
Levelling feet

The product is equipped with feet that can be adjusted with a screwdriver from inside the product BEFORE mounting the claddings, or by slightly raising the product.

BEFORE INSTALLING THE CLADDING, SECURE THE PRODUCT TO THE WALL WITH THE BRACKETS PROVIDED TO MAKE SURE IT DOES NOT TIP OVER.

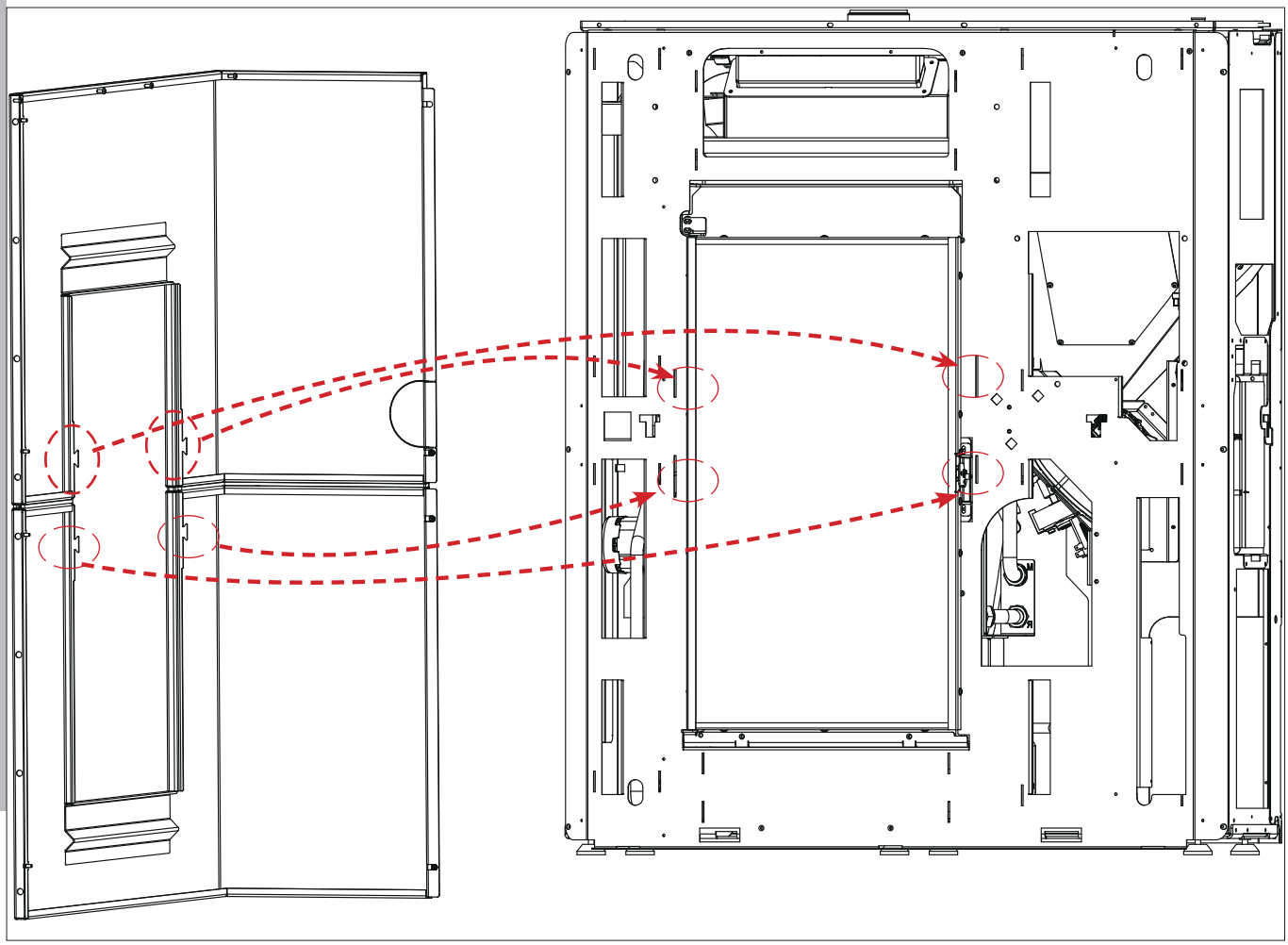
Assembling the left-hand side panel (1 and 2)

Screw on the bottom left-hand side panel, the external left-hand profile and the left-hand front profile. Slot in the top left-hand side panel (the screws are used to attach the top side panel) to obtain the complete left-hand side panel

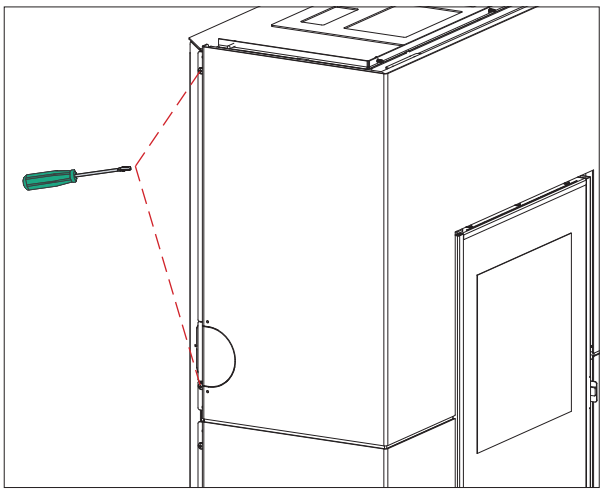


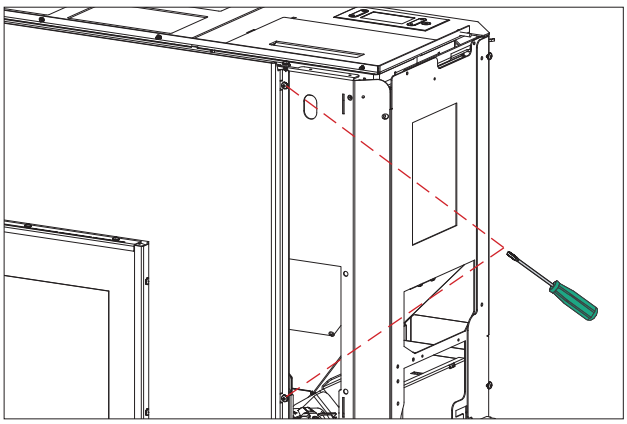
Fitting of the assembled left-hand side panel

Slot the left-hand side panel into the two top front “recesses” and rest it on the bottom.



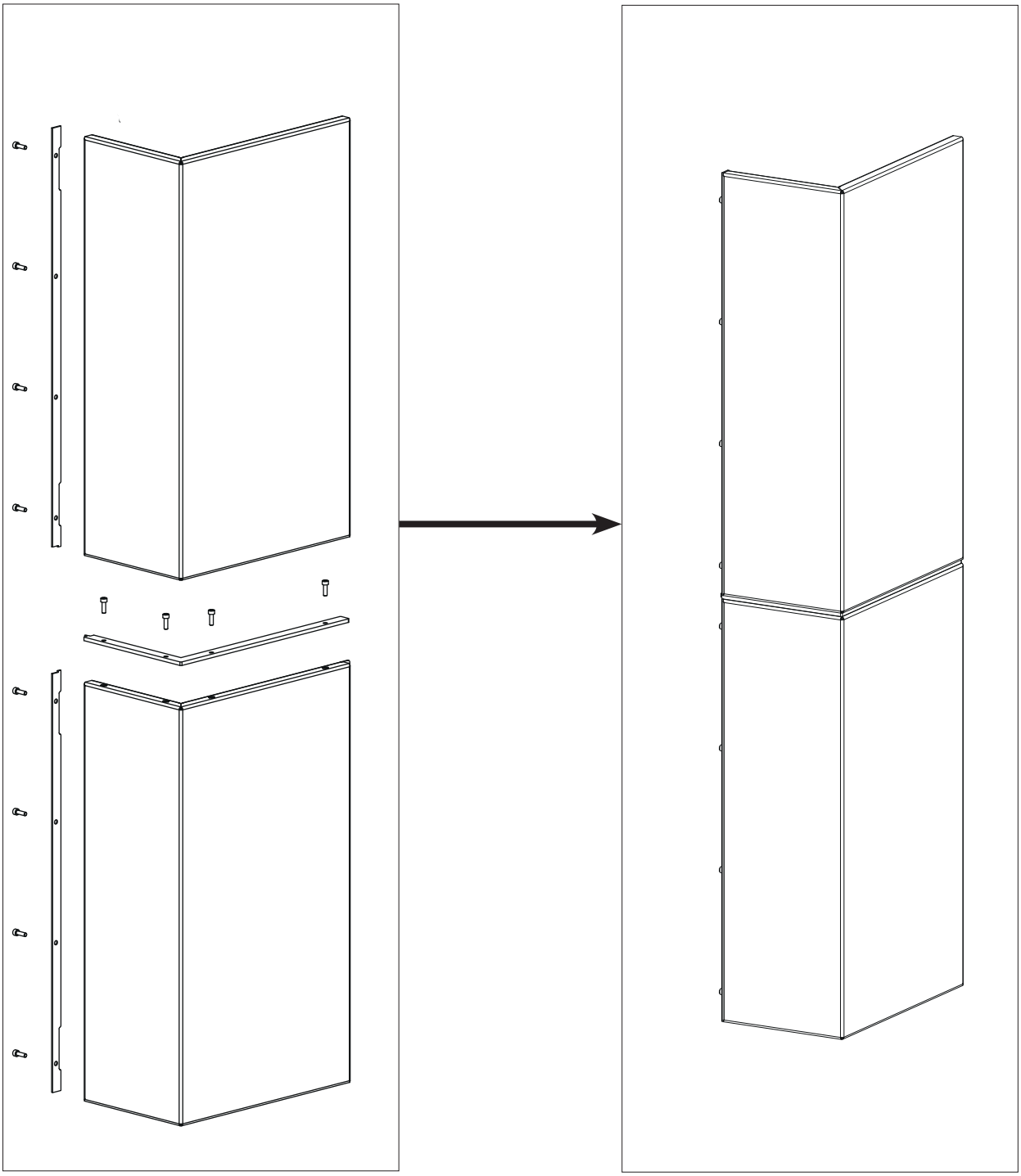
Screw it on the structure on the left-hand side (3 screws) and front (4 screws).



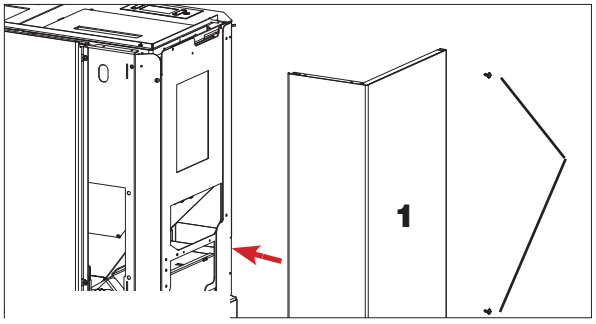


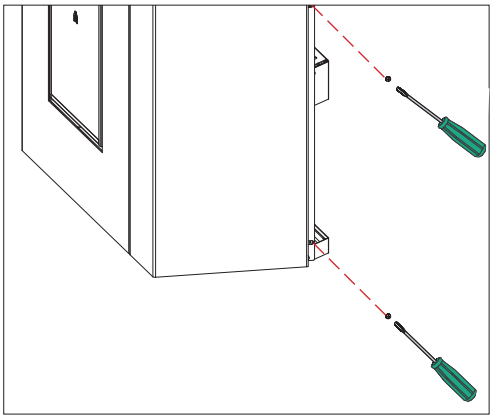
Assembling the right-hand side panel (3 and 4)

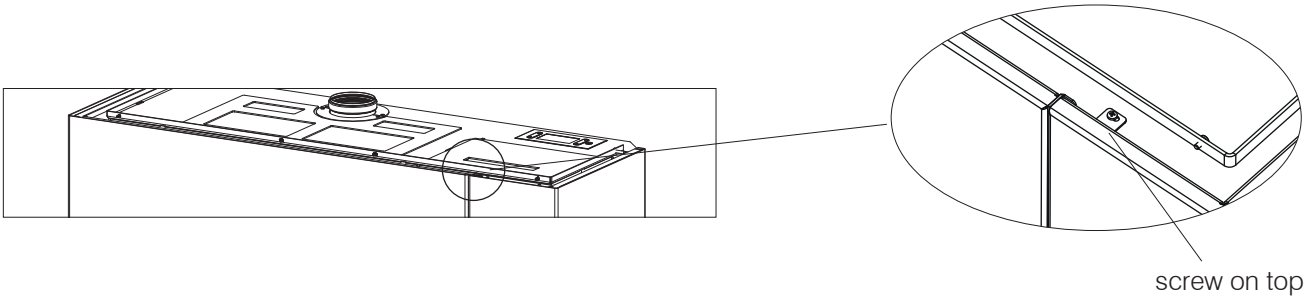
Screw on the top right-hand side panel, the external right-hand profile and the right-hand front profile. Slot the top right-hand side panel. Screw on the central spacers until obtaining the complete right-hand side panel.



Insert the assembled right-hand side panel.
Fasten it to the top and right-hand sides with a screw.

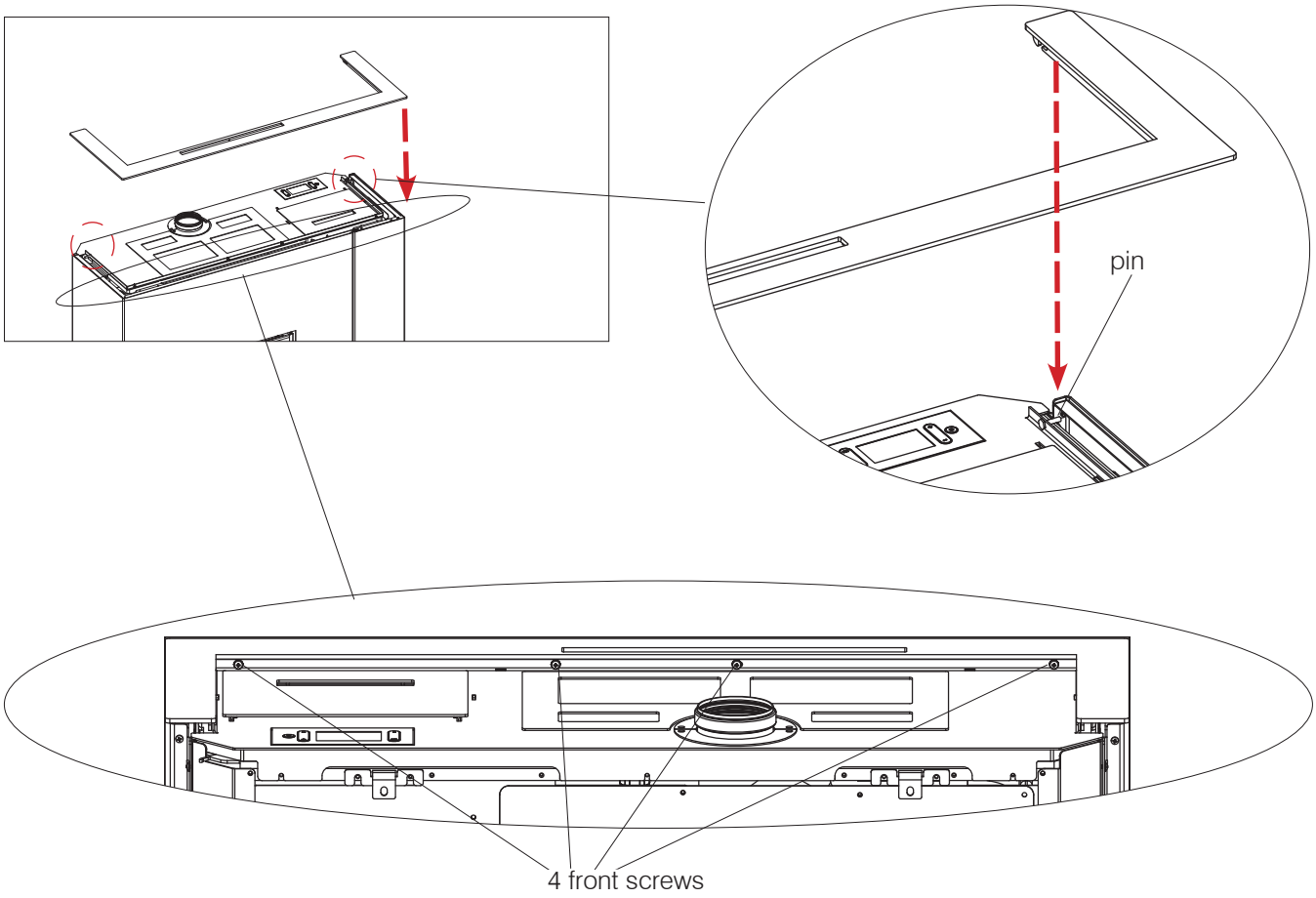




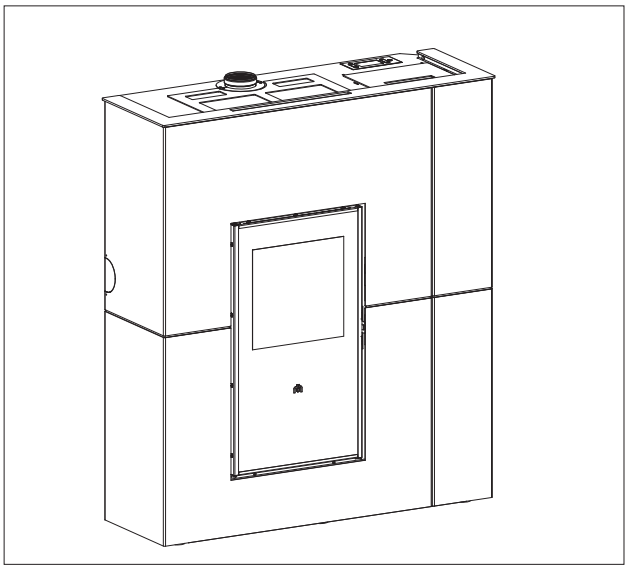


Mounting the aesthetic top edge

Place the aesthetic top edge by slotting it into the two pins to the right and left and fastening it with the 4 screws on the front.

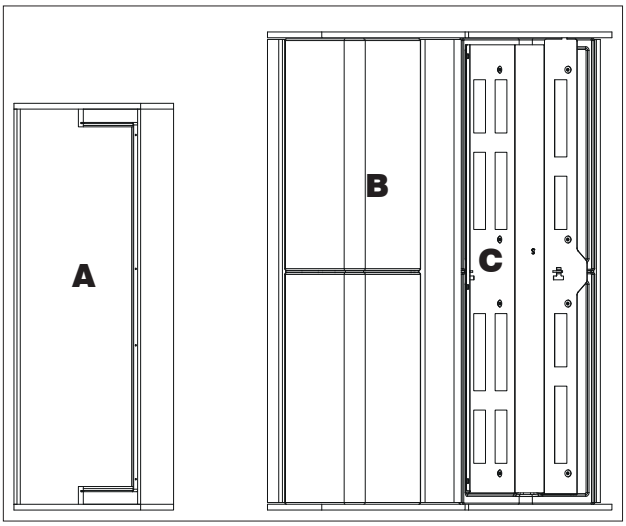


The mounted cladding product appears as shown below.

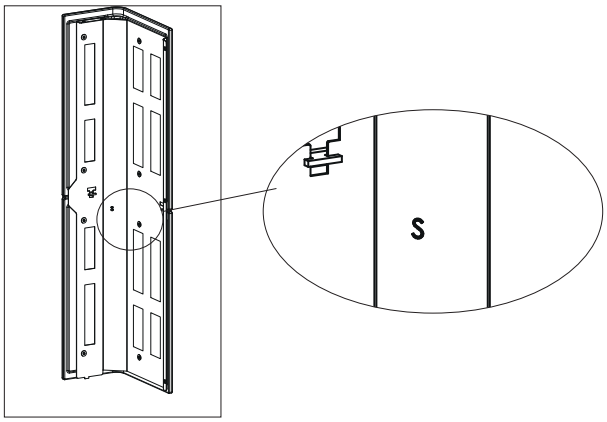


The Blade H ceramic cladding is divided as shown below:

- a box with the metal parts (A), indicated in the table below (3-4-5-6);
- two boxes (B)-(C) strapped together each containing a ceramic side panel.



The position of each ceramic side panel is engraved on the inside of the panel (S = left; D = right)

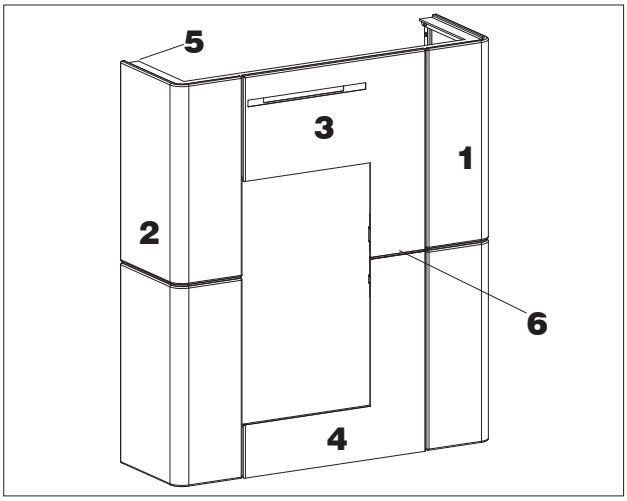


Description	Reference in the figures below	Quantity
Right-hand ceramic side panel	**(1)**	1
Left-hand side panel	**(2)**	1
Steel top front panel	**(3)**	1
Steel bottom front panel	**(4)**	1
Aesthetic top edge	**(5)**	1
Filler profile between the top and bottom front panels made of steel	**(6)**	1
Small hardware		

"Right" and "left" refer to the product when viewed from the front.

The above-mentioned elements, once they have been mounted, will be positioned as shown in the adjacent figure.

The mounting operations are described in the figures appearing on the following pages.

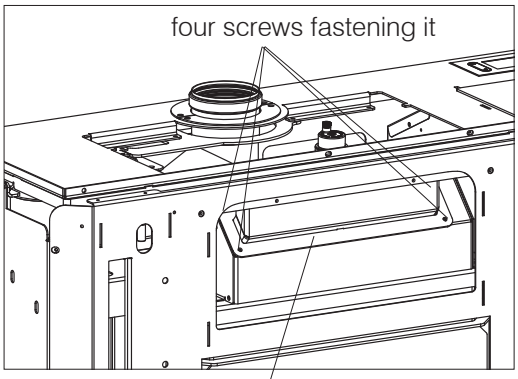


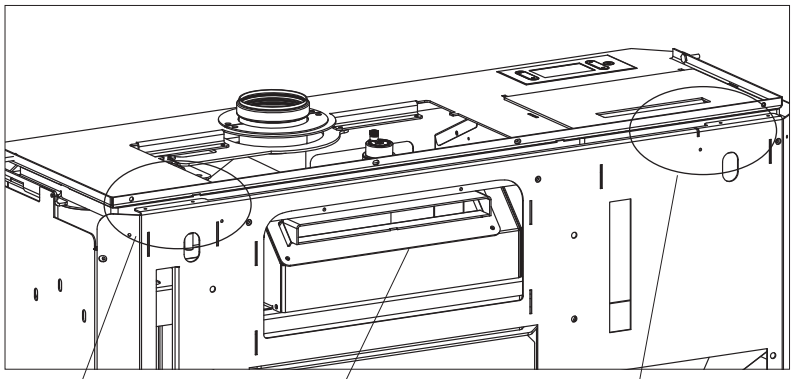
Levelling feet

The product is equipped with feet that can be adjusted with a screwdriver from inside the product BEFORE mounting the claddings.

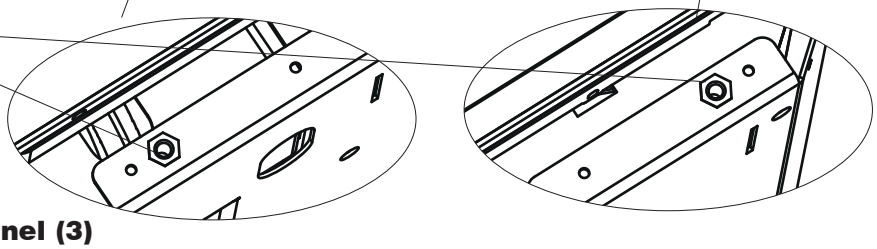
BEFORE INSTALLING THE CLADDING, SECURE THE PRODUCT TO THE WALL WITH THE BRACKETS PROVIDED TO MAKE SURE IT DOES NOT TIP OVER.

Before mounting the cladding, for the ceramic version, orient the deflector with the hot air outlet towards the FRONT. This can be done by loosening the four fastening screws and turning it.



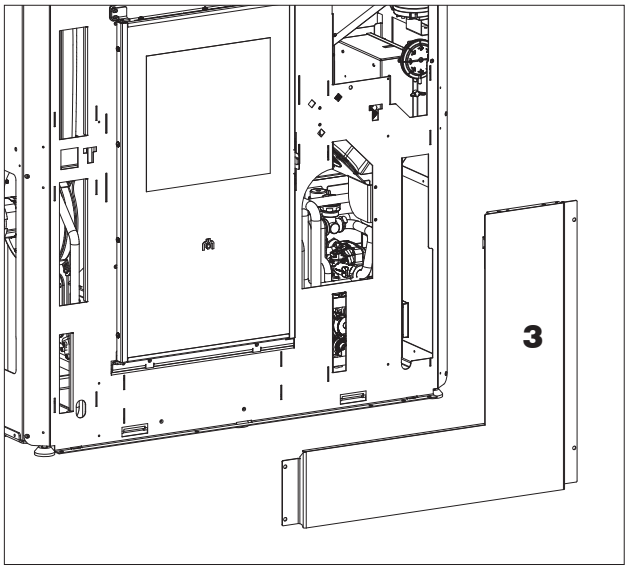


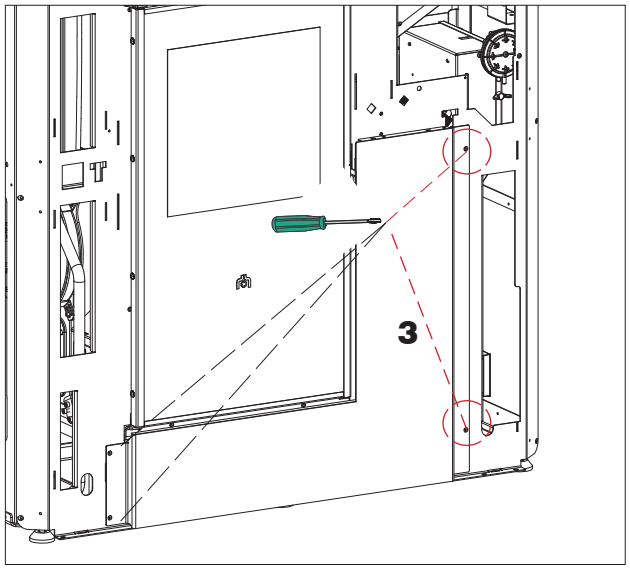
Insert the grub screws provided. They will be necessary for adjustment operations.



Fitting the steel bottom front panel (3)

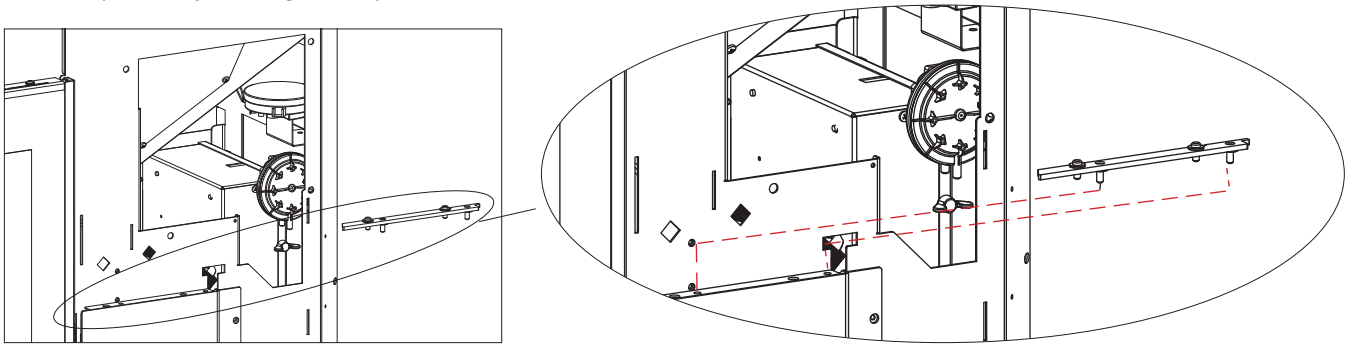
Insert the bottom front panel and screw it on





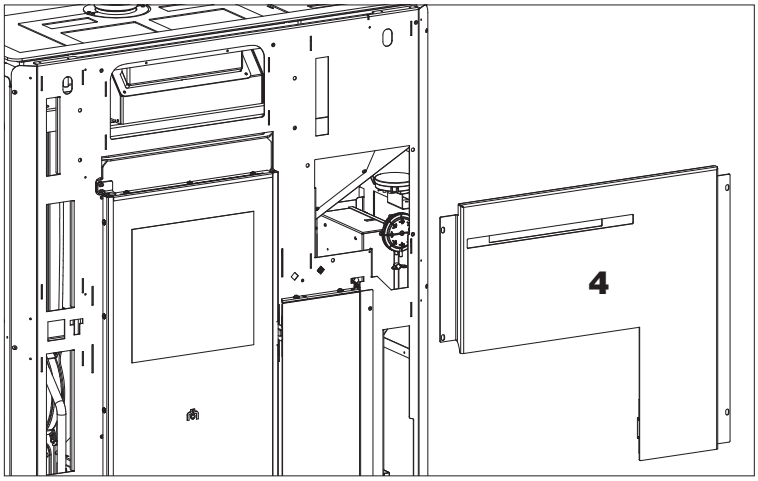
Fitting the filler profile between the top and bottom front panels made of steel (6)

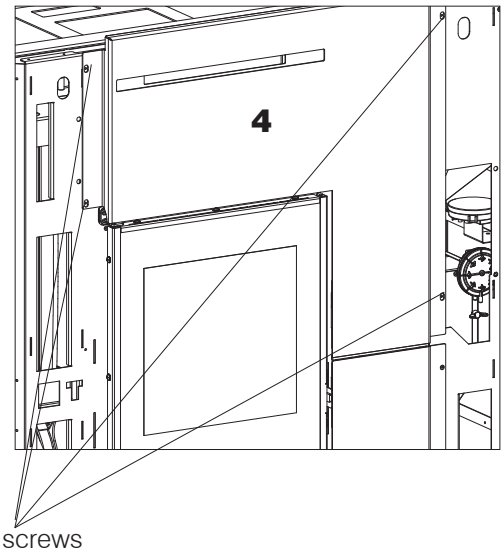
Insert the profile by slotting in the pins



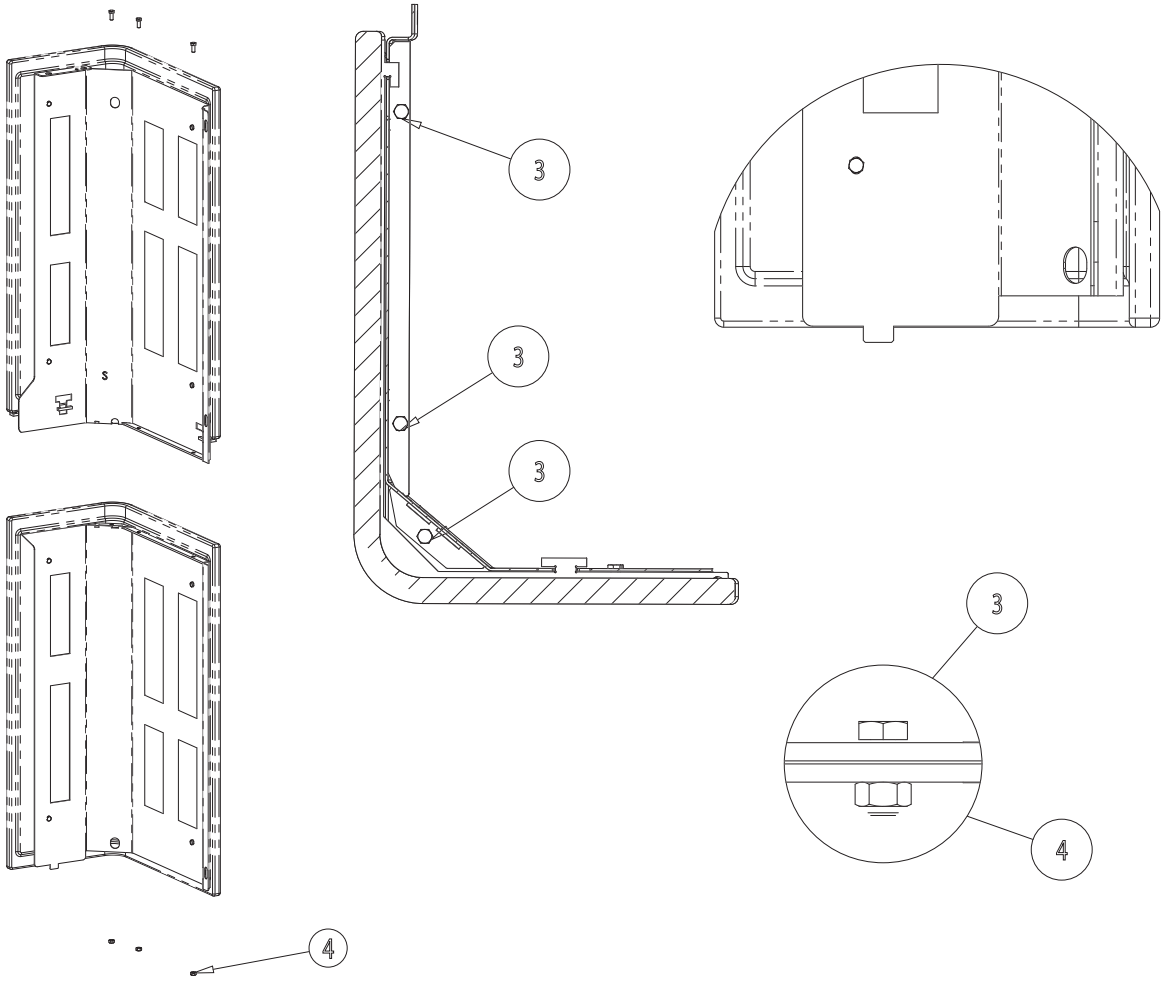
Fitting the steel top front panel (4)

Insert the top front panel and screw it on





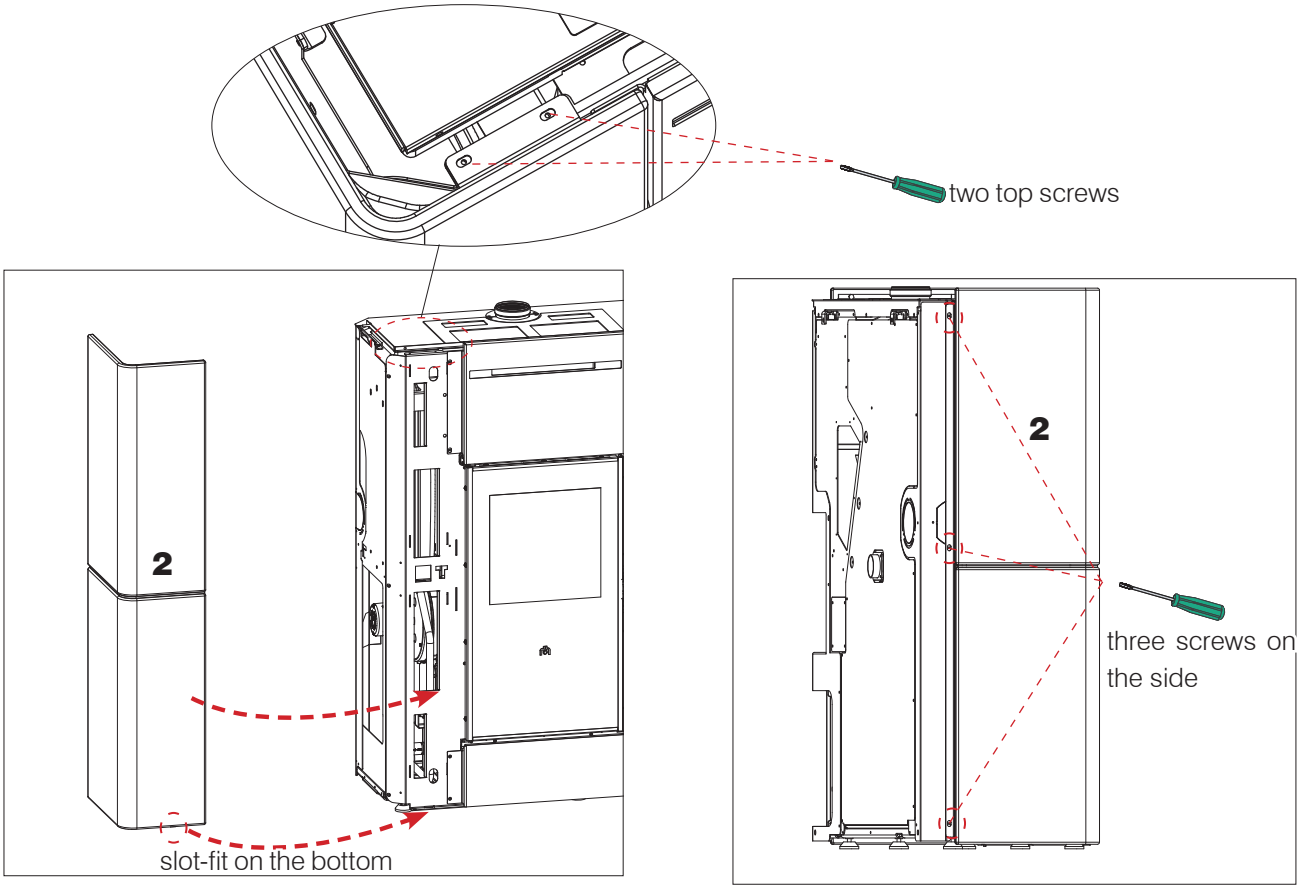
Fitting the flancs



4	Dado M5 UNI 5588 (h=4)
3	Vite con testa esagonale ISO 4017 - M5 x 12

Fitting the ceramic side panels (1)-(2)

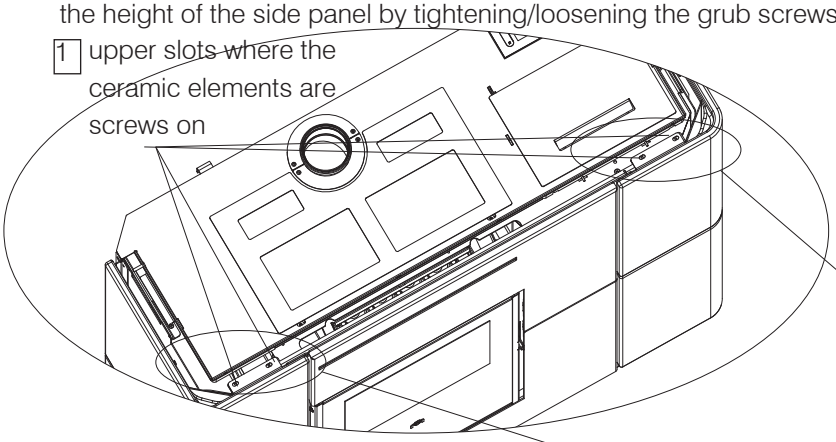
Slot in a side panel towards the bottom.
Fasten it with two screws on the top then with three screws on the side. Repeat the operation for the other side panel.



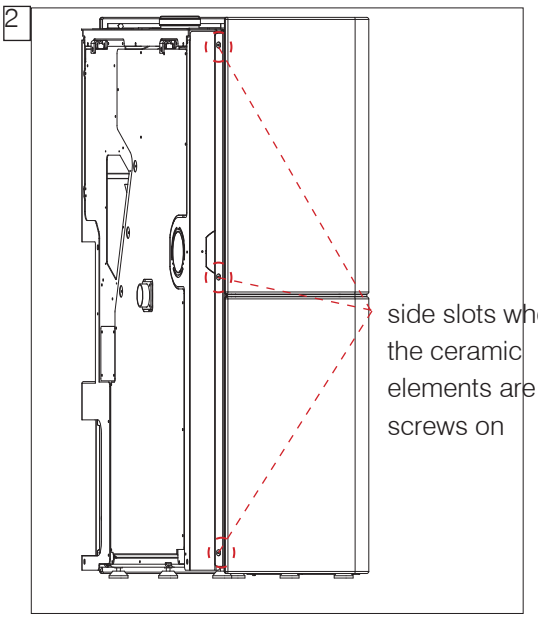
Possible adjustments for improved alignment

To perform any necessary adjustments it is necessary to intervene:

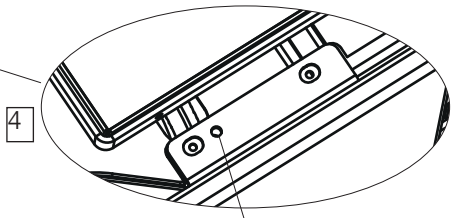
1. on the upper slots where the ceramic elements are screws on;
2. on the side slots where the ceramic elements are screwed on;
3. on the front slots where the top steel front panel is screwed on (the bottom one cannot be adjusted)
4. Any necessary adjustments can be made by intervening on the grub screws inserted near the upper slots. Adjust the height of the side panel by tightening/loosening the grub screws with the Allen key provided.



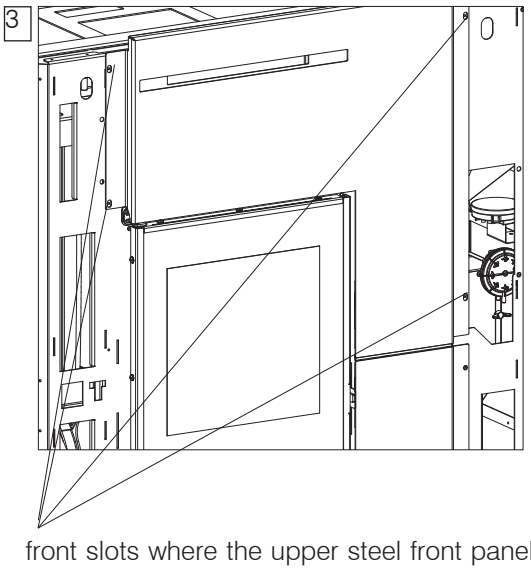
1 upper slots where the ceramic elements are screws on



side slots where the ceramic elements are screws on



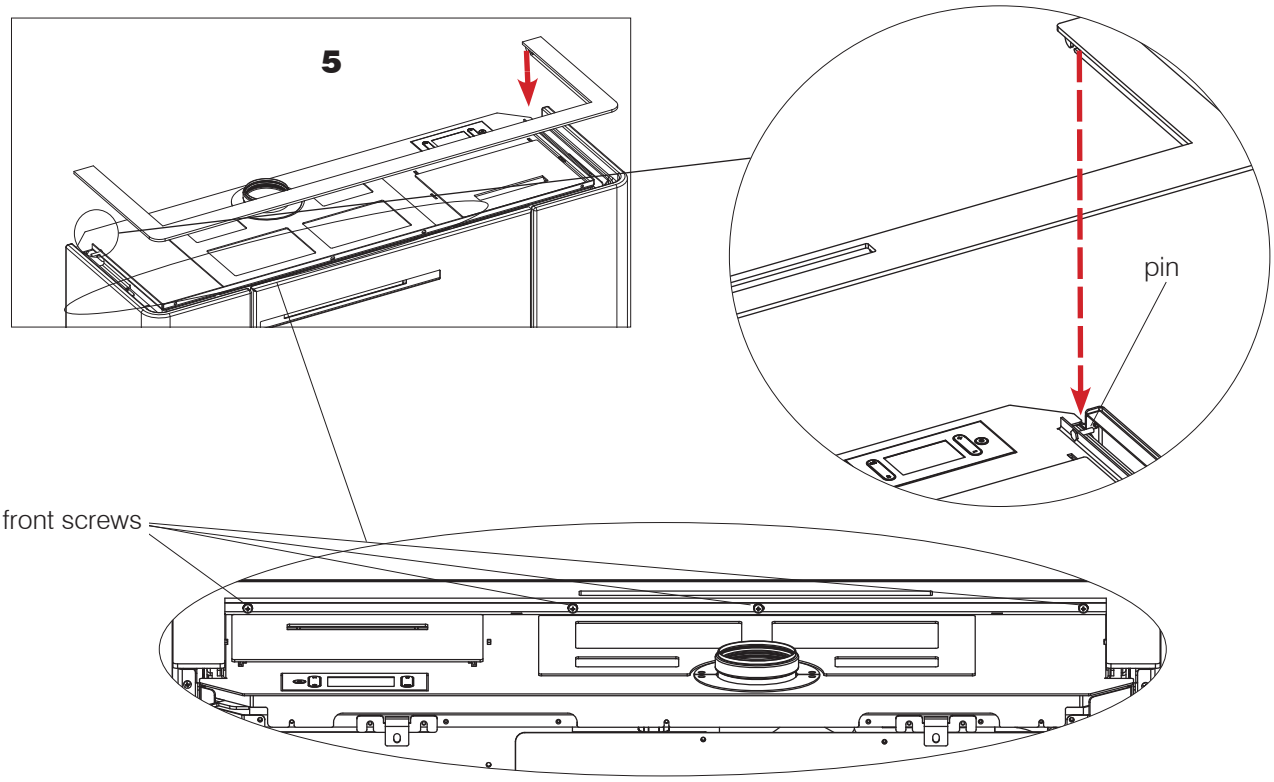
Any necessary adjustments can be made by intervening on the grub screws inserted near the upper slots. Adjust the height of the side panel by tightening/loosening the grub screws with the Allen key provided.



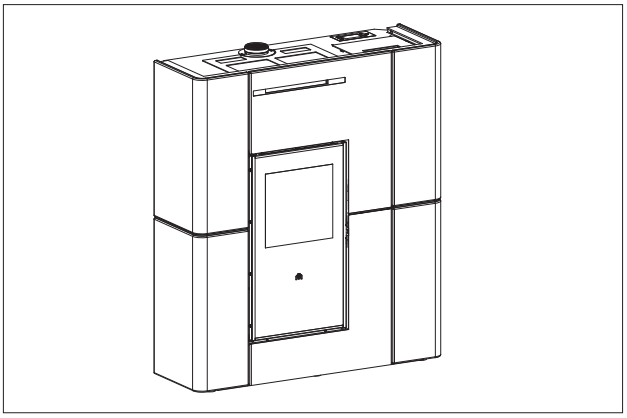
front slots where the upper steel front panel is screwed on

Mounting the aesthetic top edge (5)

Place the aesthetic top edge by slotting it into the two pins to the right and left and fastening it with the screws on the front.



The product with the cladding mounted appears as shown in the adjacent picture.



INITIAL START-UP PHASES

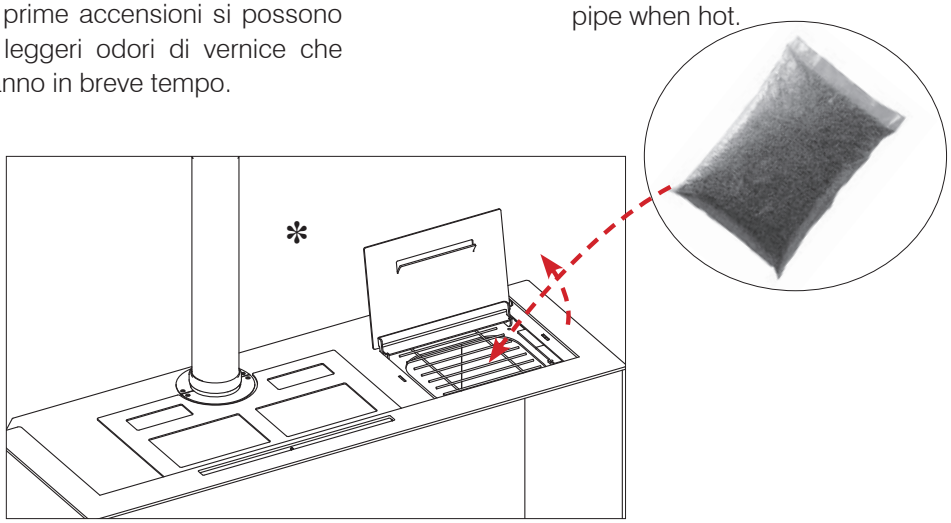
- Make sure you have read and understood this manual.
- Remove all flammable materials from the appliance (manuals, labels, etc.). In particular remove any labels from the glass.
- Make sure the technician has carried out the initial start-up of the product and has also filled the pellet reservoir for the first time.

Durante le prime accensioni si possono sviluppare leggeri odori di vernice che scompariranno in breve tempo.

LOADING PELLETS INTO THE TANK

To load the pellets:
Open the pellet loading door and pour the pellets inside.
Be careful not to let any pellets spill.

When the stove is hot, DO NOT PLACE the bag of pellets on the top.
Use the glove provided when loading the stove while it operates and is therefore hot to the touch.
Take care not to touch the fume exhaust pipe when hot.



FUEL

Use Class A1 wood pellets conforming to the UNI EN ISO 17225-2 standard or similar local regulations envisaging, for example, products with the following characteristics:
diameter 6 mm
length 3–4 cm
humidity <10%
For reasons relating to safety and environmental protection, DO NOT burn plastic, painted wood, coal or bark fragments in the stove.
Do not use the stove as an incinerator.

Caution
Using fuels other than those specified can damage the appliance.

EXPANSION

As with all appliances, the stove heats up and cools down during its various operating stages. This implies normal expansion movements. These expansions may cause slight settling noises that cannot constitute grounds for complaints.

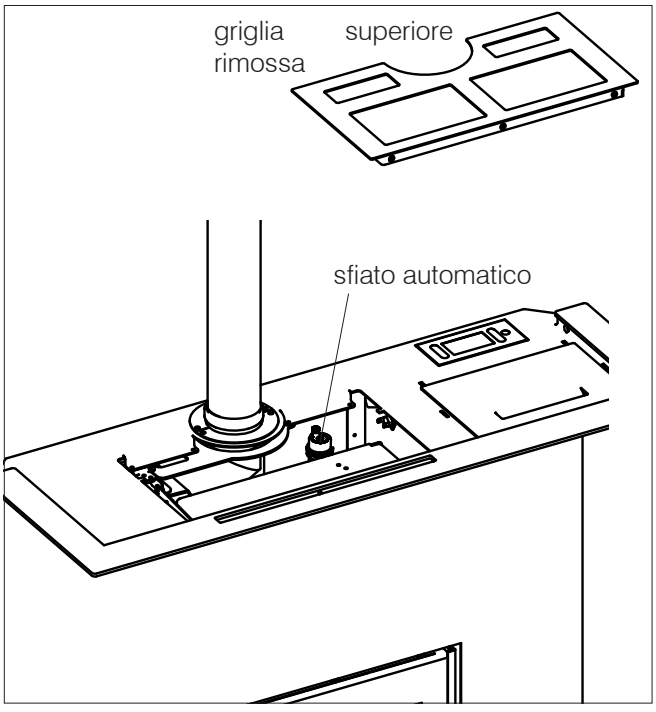
ODOURS

During the first ignitions, there may be a slight smell of paint, which will disappear within a short time.

The product can only be started up once the claddings have been mounted.
Connect the product to the electricity supply only after having completed its assembly and mounted the cladding. Otherwise there is a risk of having live electrical parts accessible.

VENT

During normal operations the vent is automatic. During installation, the technician must check the efficiency of the automatic vent (located beneath the upper grille) and assess whether a manual vent needs to be installed.



INTERFACE

Alternatively, the product can be managed, as a standard configuration, in the following ways:

- DISPLAY: can be used for all functions, situated on the top (see next page);
- APP The Mind THE MIND can be used for all functions at home with direct connection or away from home through an Internet connection and registration, downloadable from iOS (App Store) or Android (Play Store).

By purchasing non-Edilkamin optional elements:

- VOICE CONTROL SYSTEMS: Alexa or Google Home

The views display the functions and are described in the following sections:

- BUTTONS

The display has 8 buttons:

ON/OFF: to switch from the OFF mode to the ON mode. In the menus, it can be used to confirm and return to the main screen

+/- to increase/decrease the set values or scroll between the menu items

M: to access the menu or exit the menu items without saving

OK to confirm an operation (2 seconds) or to access a menu item

<>: to adjust ventilation and move within the menu

Display power saving

The back-lighting goes off after 1' if the display is not used
The display goes off after 3' if it is not used
Press any button to activate it again.

If at the first switch-on operation the language has not been set, the relevant language selection screen will appear.

Select the language using the + and - buttons and select it with the OK button

THE READING AREA OF THE DISPLAY is divided in two parts:

- **the status bar**, at the top;
- **the main area**, at the bottom.

the views display the functions and are described in the following sections

In the status bar

you can read:

- the symbols of the heat request (radiator, tap, pump activation);
- the current time

In the main area

you can read:

- the room temperature*
- the operating power of the product (from 1 upwards), which is represented by the flame symbols;
- the fan speed, which is represented by the filled blades symbol (if absent, the fan is off).

* The product is programmed by default with a delta of +/– 1°C to optimise comfort.
The technician can change this setting during commissioning to suit the needs of the application.
The display shows the temperature rounded down. This means that 20.1°C and 20.9°C are indicated as “20°”.
For example, with the room temperature set to 20°C, the product will enter modulation mode/switch off when a temperature of 21°C is reached and will switch on again below 19°C.

From the display, you can:
• Switch from OFF to ON modes, by pressing and holding the ON/OFF button
• Set the desired room temperature with the +/- buttons (see below)

Switching on and off will take a few minutes, during which the flame must appear or go off. Just wait without taking any action. During ignition, the display shows the text “START”..

- SIMPLIFIED USE after the initial start-up

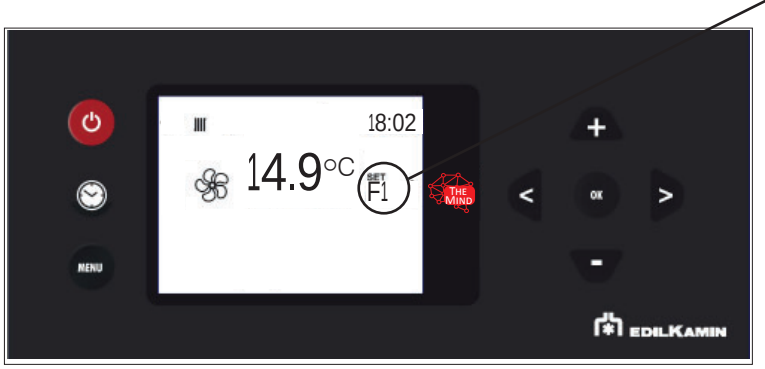
In default mode, with the product connected to the power supply, press the ON/OFF button on the display to “activate” the product and adjust the desired room temperature with the +/- buttons. The product will switch on and off and will adjust its power automatically to maintain the set temperature.

Pressing the MENU button allows for accessing the menu page

- FAN ADJUSTMENT

The setting can be made with the stove turned OFF or ON.
If the backlight is switched off, it can be activated by pressing any button.

Pressing the < or > button will make SET flash and, instead of the room set-point, the number of the fan being modified will appear (F1).



The fan speed can be increased or decreased with < or > in the following sequence:

AUTO - 1 - 2 - 3 - 4 - 5

The setting can be confirmed with the OK button.

- FAN STATUS VISUALISATION

If the product has not heated up, no symbol will appear.

FAN OFF:	
SPEED 1	
SPEED 2	
SPEED 3	
SPEED 4	
SPEED 5	
AUTOMATIC	

POSSIBLE STATUSES of the product:

- OFF STATUS
The product is “deactivated” and will not produce heat due to manual switching off using the ON/OFF button on the remote control or due to an external contact (timer, telephone dialler).
From the OFF page, press the ON/OFF button for 3 seconds to access the ON page.

- ON STATUS
The product is “active” and can fulfil the heating requests.

- ALARM STATUS
In case of shutdown due to alarm, the display shows the type of alarm. See the paragraph “Troubleshooting”

- ON / OFF STATUS Stand-by activated
The product is momentarily off because there are no heating requests.

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

If the product was operating, it switches to minimum power and waits for the set time before going off.
If the product was in the ignition phase, it completes the ignition phase and switches to minimum power and waits for the set time before going off.
If the product was OFF and is switched to ON, the stove switches immediately to stand-by without performing the ignition procedure.

Please check with the technician to have wenn understood how the product works

- MENU

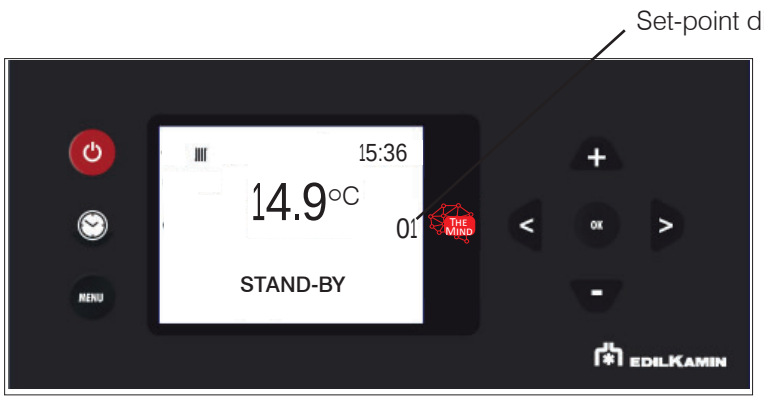
It can be accessed by pressing the MENU button and the first Menu item will appear.

You can scroll the menu items with the < and > buttons and enter the item with the following button OK

The menu items can appear in different way according the model
STAND-BY
PELLET LOADING
TIMER
T1-T2
DATE-TIME
LANGUAGE

THe other one are only fort technician

The set-point digits show the progressive number of the MENU item while the status bar shows the description of the item MENU



To exit the menu, press MENU

- STAND-BY

When the Stand-by function is active, the product switches off once the temperature set-point is reached and turns on again when the room temperature drops below the chosen value.
When the Stand-by function is not active, the product sets itself to minimum power when the temperature set-point is reached.

To access the function from the main menu (as indicated in the Menu paragraph above), press the MENU button.

You can scroll the menu items with the < and > buttons and enter the item with the following button

After entering the Stand-by function, the display will show the name of the function on the first line of the status bar and the current value on the second line (OFF if deactivated, ON if active).

The + and - buttons can be used to modify the value from Off (function deactivated) to On (activated) and the OK button can be used to confirm.

Pressing the OK button with the value ON activates the function and the display will propose to choose how many minutes must pass before the devices switches off in stand-by mode.

(example 4 minutes)

The + and - buttons can be used to modify the time and the button to confirm. OK

Pressing the OK button automatically takes you to the first level.

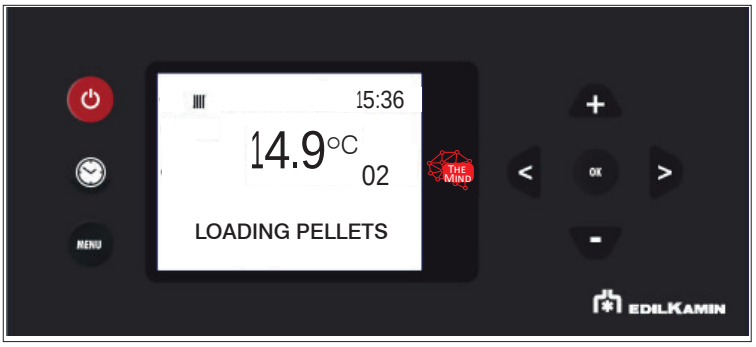
- PELLET LOADING

Allows for loading the pellets once the screw feeder has emptied completely.
Useful for the technician during the initial start-up.
Available only in the OFF status. Any attempt to activate the function in other statuses will not be allowed.

To access the function from the main menu (as indicated in the Menu paragraph above), press the MENU button.

You can scroll the menu items with the < and > buttons and enter the item with the following button OK

After entering the Screw Feeder Manual Loading function, the display will show the name of the function on the first line of the status bar and the current value on the second line (OFF if deactivated, ON if active).



The + and - buttons can be used to modify the value from Off (deactivated) to On (activated) and vice versa, and

the + e - button is used to confirm.

Pressing the OK button automatically takes you to the first level.

- TIMER SETTINGS

To access the function from the main menu (as indicated in the Menu section above), press the MENU button.

You can scroll the menu items with the < and > buttons and enter the item with the following button OK

OK

day of the week
e.g. = MON = Monday

Choose the day of the week by scrolling the < and > buttons (you will simultaneously see the programme for that day) and confirm with the OK button.

day of the week
e.g. = MON = Monday

The time at the top RH shows the start of the time slot (00:00)

Use the < and > buttons to scroll the time with 1/2-hour steps

The + and - buttons can be used to modify the temperature levels (OFF – T1 and T2).

After setting the entire day, confirm with the following button OK

The COPY and PASTE function is available.

Pressing the MENU button briefly allows you to exit the programming, but the programme will not activate.

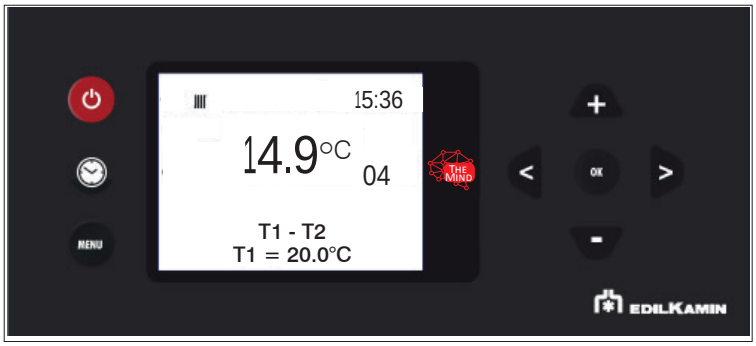
- TEMPERATURE SETTING FOR TIMER T1 – T2

To access the function from the main menu (as indicated in the Menu paragraph above), press the MENU button.

You can scroll the menu items with the < and > buttons and enter the item with the following button OK

After entering the T1-T2 function, the display will show the name of the function on the first line of the status bar and the current value of T1 on the second line. T1 is the lowest temperature, T2 the highest.

Modify the values with the + and - buttons and confirm with the OK button.



Pressing the OK buttons to move to set-point T2 setting.

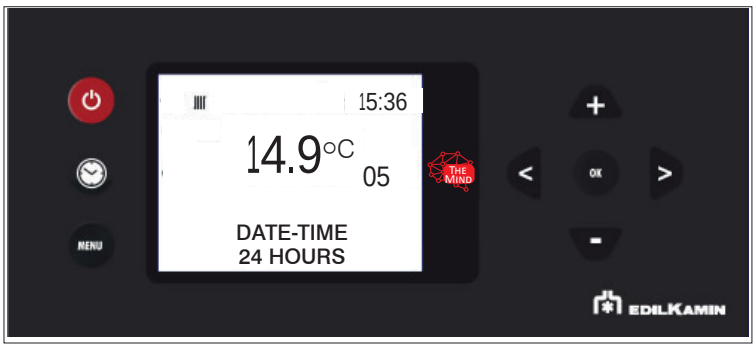
Pressing the OK button automatically takes you to the first level.

- DATE AND TIME

Can be used to set the current date and time.

To access the function from the main menu (as indicated in the Menu paragraph above), press the MENU button.

You can scroll the menu items with the < and > buttons and enter the item with the following button OK



After entering the Date-Time function, the display will show the name of the function on the first line of the status bar and the current value of the first setting (12/24 hours) on the second line.

You can switch from 12 to 24 hours using the + and - buttons and confirm with the following button OK

The hours will then flash and can be modified using the + and - buttons

with the OK button the minutes will then flash.

- LANGUAGE SETTING

Selects the language.

To access the function from the main menu (as indicated in the Menu paragraph above), press the MENU button.

You can scroll the menu items with the < and > buttons and enter the item with the following button OK

After entering the Language Menu item, the name of the function appears on the first line of the status bar and the current value (ENGLISH) on the second line

OK

Modify the language using the + and - buttons and exit with the OK button

Pressing the MENU button automatically takes you to the first level.

- DISPLAY
Allows for choosing the level of brightness of the display.

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

- **SOFTWARE**

These readings should only be done when requested by the technician.

- DATA
These readings should only be done when requested by the technician.
Information of the product's HOURS operation log can be scrolled with the < and > buttons

- ALARMS

These readings should only be done when requested by the technician.

The alarms are arranged from the most recent to the oldest.

- TECHNICAL MENU (for TECHNICIANS ONLY)
Accessible only to technicians with the appropriate password. Once the password has been entered, confirm with the OK button.

THE OTHER ONE ARE ONLY FOR TECHNICIAN

NOTES
inappropriate changes can cause the product to seize up

DAILY MAINTENANCE

These jobs should be done with the product off, cold and preferably disconnected from the mains.
A suitable vacuum cleaner is required.

Disconnect the product from the power supply.
Failure to service the product properly will prevent it from working properly.
Any problems due to failure in servicing the stove will void the warranty.

Make sure that the grate is properly placed in its housing after maintenance operations, if not, the stove may have ignition problems

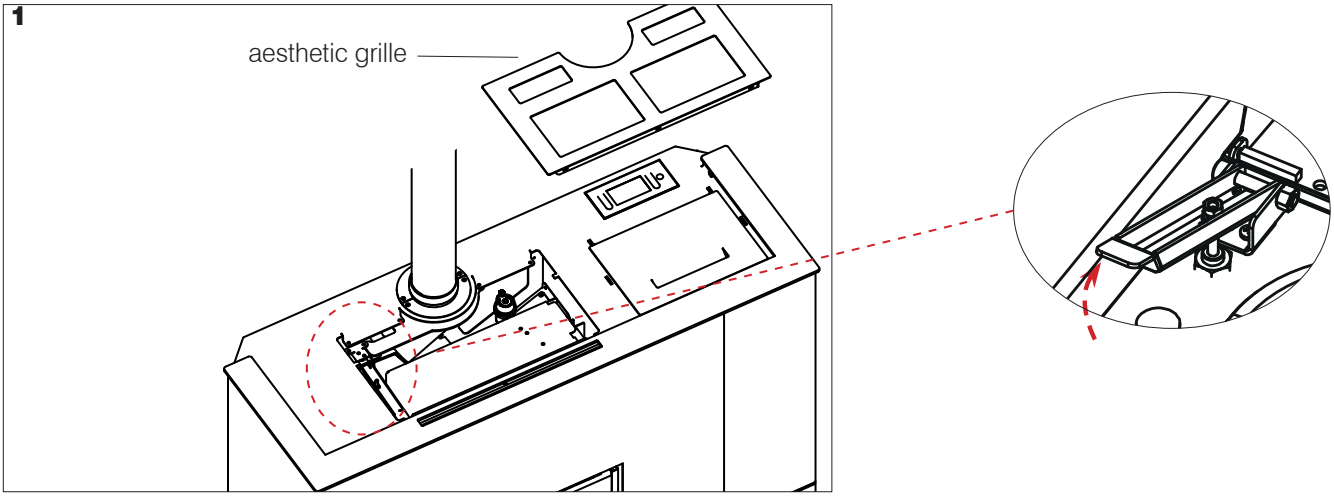
Using the stove without cleaning the grate can cause the gas in the combustion chamber to ignite and detonate.

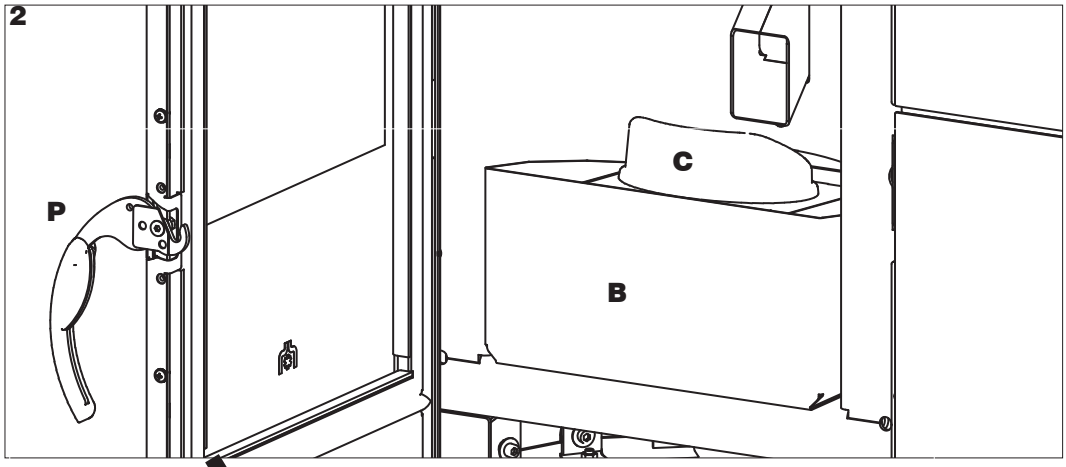
Once it is refitted, make sure that the ash tray is properly placed in its housing, to avoid glass breakage when closing.

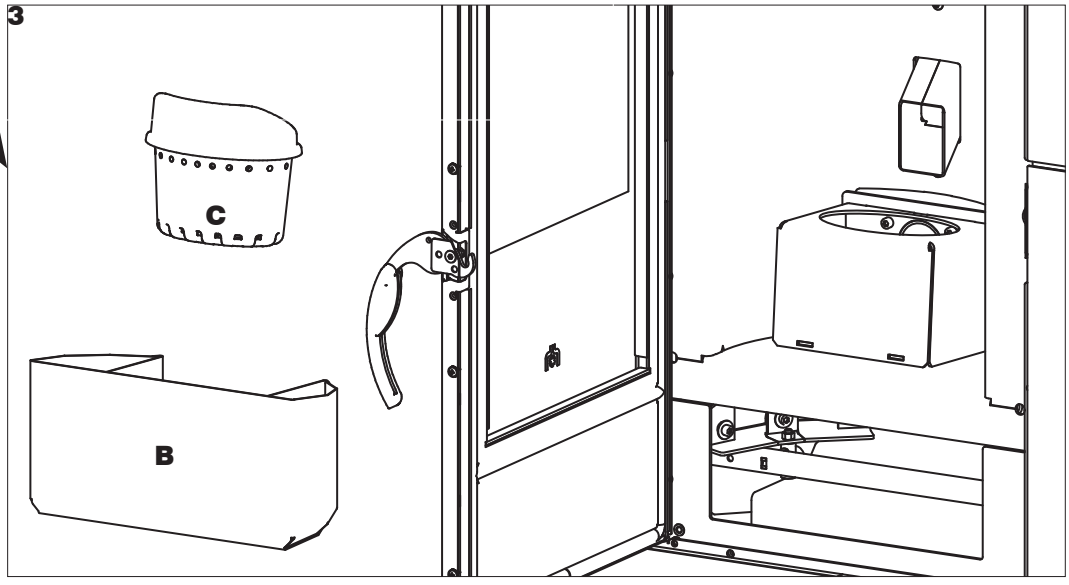
Please check with the technician to have wenn understood how the product works

DAILY MAINTENANCE

1. Raise the aesthetic grille (if it is hot, use the glove) and activate the cleaning brush beneath the pellet loading cover.
2. Open the combustion chamber door (P) using the removable handle.
3. Empty the ash tray (B) and grate (C) into a non-flammable container (the ashes may still contain embers and/or hot parts) or vacuum if cold. Vacuum out the interior of the combustion chamber, the bed, and the compartment around the grate into which the ash falls.
4. Scrape the grate with the provided scraper and clean out any obstructed holes.
5. If necessary, clean the glass when cold using a dedicated product (e.g. Glasskamin), which your dealer should have.

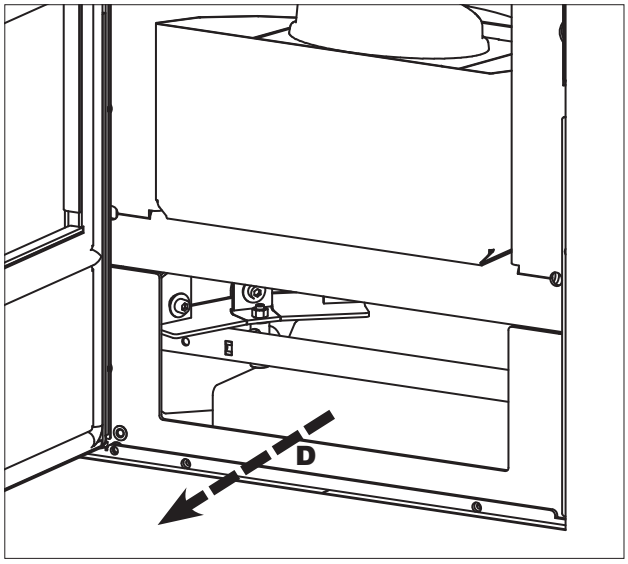


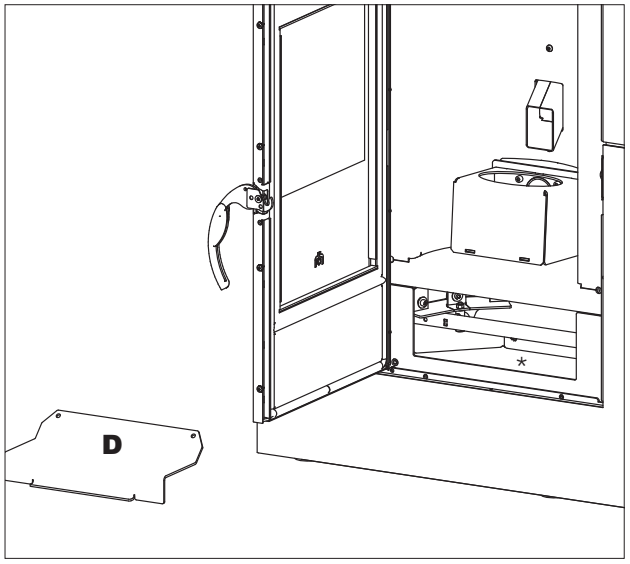




WEEKLY MAINTENANCE

When the product is off and cold, after having activated the cleaning brush as in routine maintenance, you should vacuum the inspection plate under the combustion chamber (*)
To do so, remove the deflector (D) which is only resting on it.
Put back the deflector after cleaning.





Please check with the technician to have wenn understood how the product works

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

This consists of cleaning the stove inside and out.
Seasonal maintenance should be performed by a qualified technician in accordance with the national and local regulations.

If the product is used intensively, it is recommended to clean the smoke duct and passage 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.

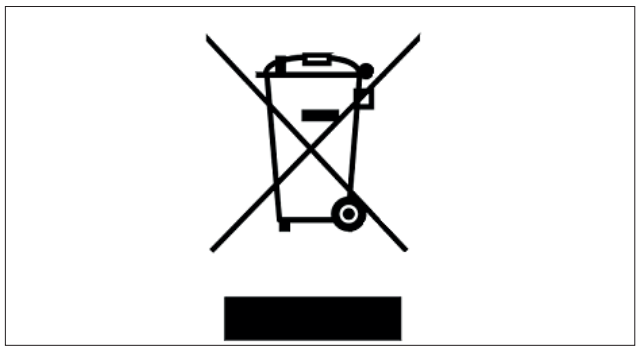
REPAIRS
To be performed only by Edilkamin technical assistance centres/authorised distributors. The names of Edilkamin official authorised technical assistance centres (TAC) and distributors are available ONLY at www.edilkamin.com.

SUMMER SHUTDOWN
When the product is not used for prolonged periods, keep all its doors, hatches and covers closed.
We recommend emptying out the pellet tank.
Insert dehumidifying salts in the combustion chamber.
In particularly humid zones, it may be helpful to disconnect the air intake and fume coupling, and add into the combustion chamber a suitable product for absorbing moisture (e.g. bags of dehydrating salts, anti-oxidant tablets).

SPARE PARTS
- If any spare parts are required, contact your dealer or technician.
- Have any repairs carried out only by Edilkamin technical assistance centres/authorised dealers.
- The names of Edilkamin official authorised technical assistance centres (TAC) and distributors are available ONLY at www.edilkamin.com.
- Using non-original spare parts may damage the appliance and relieves Edilkamin of all liability for any resulting damages. It also invalidates the warranty on the grounds of tampering.
- Any unauthorised modifications are forbidden.

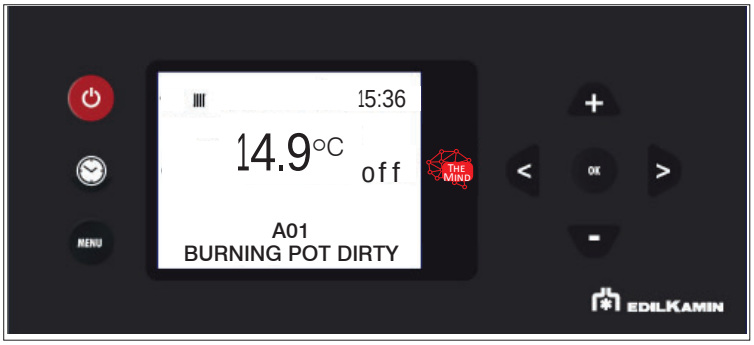
DISPOSAL
At the end of its service life, dispose of the product as required by regulations.

Seasonal maintenance should be performed by a qualified technician in accordance with the national and local regulations.



In accordance with Art. 26 of (Italian) Legislative Decree no. 49 of 14 March 2014, “Implementation of Directive 2012/19/EU on the disposal of electrical and electronic devices (WEEE)”.
The crossed-out dustbin symbol displayed on equipment or its packaging indicates that the product at the end of its life must be collected separately from other waste.
At the end of its useful life, the user should therefore deliver the product to a suitable local sorted collection centre for electrical and electronic devices.
Sorted collection for recycling, treatment and environmentally compatible scrapping contributes to the prevention of negative effects on the environment and health, and promotes the re-use and recycling of the materials of which the equipment is made.

If problems occur, the product shuts itself off automatically.
The display will show the reason (see below).



MESSAGE	PROBLEM	SOLUTION
A01 burning pot dirty	displays when the combustion air intake is below the set level	• Check that the combustion chamber door is closed • Check the regular maintenance of the stove • Check that smoke discharge and combustion air ducts are clean.
A02	displays when the logic board is not detecting the right smoke fan speed	• Contact the technician
A03	displays when the thermocouple detects a smoke temperature lower than the set value and interprets this as the absence of flame	• Check that there are pellets in the tank • Check that the water temperature has not increased due to the closure of a valve (call a technician) • Contact the technician
A04	displays when ignition times out unsuccessfully	There are two possibilities: NO flame: • Check that the burning pot is seated properly and clean • Check that there are pellets in the tank and burning pot • Try switching it on with a solid ecological igniter (contact the technician beforehand and follow the instructions of the igniter supplier very carefully). The operation must be regarded purely as a trial under the technician's guidance
A05	Shutdown due to air flow rate sensor breakage	• Contact the technician
A06	displays when the logic board determines that the smoke temperature probe is broken or disconnected	• Contact the technician

MESSAGE	PROBLEM	SOLUTION
A07	Shutdown due to exceeding maximum smoke temperature.	• Check the type of pellet (contact the technician if in doubt) • contact the technician
A08	Switching OFF due to excessive overheating of the product	• see HO7
A09	Shutdown due to gearmotor breakage or seizure	• Contact the technician
A10	Switching OFF due to circuit board overheating.	• Contact the technician
A11	Switching OFF due to the intervention of the safety pressure switch.	• Ensure the stove and flue are clean • Contact the technician
A12	Room temperature probe failure.	• Contact the technician
A13	Shutdown due to breakage of the reading water temperature probe of the boiler stove.	• Contact the technician
A14	Shutdown due to breakage of the water temperature probe in the boiler	• Contact the technician
A15	Shutdown due to exceeding maximum water temperature in the boiler stove	• Contact the technician
A16	Shutdown due to breakage of the pressure switch for reading the water pressure of the boiler stove	• Contact the technician
A17	Shutdown due to breakage of the external probe	• Contact the technician
A18	Shutdown due to breakage of the water temperature probe in the inertial storage tank	• Contact the technician
A20	Shutdown due to gearmotor breakage or seizure	• Contact the technician

WATER OVERHEATING (SHUTDOWN WITHOUT ALARM)

If the water in the product reaches a temperature of 85°C, the product shuts down without switching to alarm mode.
The text STBY appears on the display next to the room temperature.
The product is working, but it must be serviced by an authorised Edilkamin technician.

MAINTENANCE (SIGNAL THAT DOES NOT CAUSE SHUTDOWN)

A spanner symbol will appear on the display after 2,000 hours of operation

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

Seasonal maintenance should be performed by a qualified technician in accordance with the national and local regulations.

NOTES

NOTES

The names of Edilkamin official, authorised technical assistance centres (TAC) and distributors are available ONLY a
www.edilkamin.com

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