



PELLEK80 EVO
PELLEK110+ EVO

MANUAL
installation use maintenance
digital

for all updates visit www.edilkamin.com



APP SmartEK63 Scan the QR-CODE

1. NOTE ON EDITION AND LANGUAGE	4
1.1. Note on the language of the manual	4
1.2. Digital online edition	4
2. CE MARKING INFORMATION	5
3. INTRODUCTION	6
3.1. Recipients of the manual	6
3.2. General notes	6
3.3. Meaning of the symbols	6
3.4. Product identification and warranty	7
3.5. CE plate: Data and position	7
4. SAFETY INFORMATION	8
4.1. General notes for the safe use of the product	8
4.2. Recommendations and prohibitions for the safe use of the product	9
4.3. Possible risks if the installation, operation and maintenance instructions are not followed	10
5. DIMENSIONS	11
5.1. Pellek80	11
5.2. Pellek110+	12
5.3. Pellet loading hatch	13
5.4. Pellet loading drawer	14
5.5. Support frame	14
6. TECHNICAL DATA	15
6.1. Technical data according to the product standard: Pellek80 evo	15
6.2. Technical data according to the product standard: Pellek110+ evo	16
6.3. Technical data for sizing the chimney system	17
6.4. Electrical data	18
6.5. ECODESIGN technical data Pellek80 evo	19
6.6. ECODESIGN technical data Pellek110+ evo	21
7. UNPACKING	23
7.1. Notes on unpacking	23
7.2. Packaging disposal instructions	24
7.3. Remove from the pallet	25
7.3.1. Handles	25
7.3.2. Locking plate	26
8. INSTALLATION	27
8.1. Preliminary remarks on installation	27
8.2. Checking the suitability of the installation room	27
8.3. Heat protection and safety distances	27
8.4. Chimney system (Smoke duct, chimney flue and chimney pot)	28
8.5. Smoke duct, chimney flue	28
8.6. Smoke duct	28
8.7. The chimney flue	29
8.8. Ducted system	29
8.9. The chimney pot	29
8.10. External air intake	29
8.11. Indirect air intake	29
8.12. Direct air intake	29
8.13. Electrical connection	30
8.14. Fan direction only for PELLEK110+	31
8.14.1. Possible adjustments	34
8.15. Plate assembly	35
8.16. Compensation vents	40
8.17. Coatings, hood liners and their vents	41
9. FUEL: WOOD PELLETS	42
9.1. Pellet storage	42
10. INSTRUCTIONS FOR USE	43
10.1. Training before use	44

10.2. Loading pellets into the hopper	44
11. INTERFACE AND OPERATING MODES	45
11.1. Operating modes	45
11.2. Interface.....	46
12. CONNECTION WITH THERMOSTATS/ PROBES OPTIONAL.....	47
13. PANEL USE INSTRUCTIONS.....	48
13.1. Possible actions from the panel	48
14. Possible states of the product	49
14.1. Switch on screen	49
14.2. Screen with ON product in process.....	50
14.3. Switch off screen for STAND-BY	50
14.4. SWITCH OFF and COOLING screen	51
14.5. Setting of room temperature or power	52
14.6. Ventilation.....	53
14.7. STAND-BY function.....	54
14.8. EASY-TIMER function (delayed switch on and switch off)	55
14.9. Chrono prog. function.....	56
14.10. Pre-set times of chrono prog.	56
15. MAINTENANCE	57
15.1. Daily maintenance	57
15.1.1. Cleaning the glass.....	59
15.2. Periodic maintenance	59
15.3. Seasonal maintenance	61
15.4. Repairs	61
15.5. Summer break.....	61
15.6. Spare parts.....	61
16. DISPOSAL	62
16.1. Warnings for the correct disposal of the product	62
16.2. Disposal of the components of the appliance at the end of its service life	62
16.3. WEEE.....	63
17. ADVICE FOR POSSIBLE PROBLEMS.....	64
17.1. Display messages	64
17.2. Black-out alarm	65
17.3. Removal of the alarm signal.....	65
17.4. Maintenance (message that does not cause switch-off).....	65
17.5. Cleaning (a signal that does not cause switch off).....	66
18. SETTINGS FOR THE INSTALLER	67

1. NOTE ON EDITION AND LANGUAGE

1.1. Note on the language of the manual

Original edition in Italian. Manuals in other languages are translated from the original manual in Italian.

1.2. Digital online edition

Dear Customer/Installer

Please read this document carefully together with the user manual which can be found inside our product.

The information contained in it are suggestions which in no way replace the responsibility of the installer - maintenance technician.

All local and national laws and European Standards must be complied with as regards the correct sizing, installation, maintenance and use of the product.

For installation and for anything not expressly mentioned, please refer to local and national regulations in the country where the product is used.

The diagrams in this manual are purely indicative and in no way can the company be held liable.

How to download the manual:

- access the download area, www.edilkamin.com
- click on "Installation, use and maintenance manual".
- Select the language, the product type and the product name from the drop-down lists.
- Click on "download" to download the manual in pdf.



Before move the product, it is better empty stock

2. CE MARKING INFORMATION

The writer EDILKAMIN S.p.a., with registered office in Via P. Moscati 8 - 20154 Milan - Fiscal Code/VAT No. 00192220192, declares under its own responsibility that the products shown on the cover comply with EU Regulation 305/2011 and with the harmonised European product standard in force

The declaration of performance is available on the website www.edilkamin.com

It also declares that:

the products shown on the cover meet the requirements (where applicable) of the following European Directives:

2014/35/EU-Low Voltage Directive

2014/30/EU-Electromagnetic Compatibility Directive

2014/53/UE:RED

2011/65/EU-RoHS Directive

2009/125/EU-Ecodesign

2010/30/EU-Labelling

3. INTRODUCTION

USER/INSTALLER

Dear Madam / Sir

We thank you and congratulate you for choosing our product. Please keep the manual for the entire service life of the product. If lost, ask your retailer for a copy or download it from the download area on the website www.edilkamin.com

3.1. Recipients of the manual

This manual is for:

- the person who uses the product at home (“USER”)
- the technician who installs the product (“INSTALLER”) who can find other material on the website

The recipient of the chapter (USER/INSTALLER) is indicated at the start of the chapter

3.2. General notes

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

If any anomalies are found, immediately contact the retailer from whom it was purchased, to whom a copy of the warranty certificate and of the tax document must be given.

All local and national laws and European Standards must be complied with as regards the correct sizing, installation, maintenance and use of the appliance. For installation, maintenance and for anything not expressly mentioned, please refer to the local regulations in force in the country where the product is used.

The diagrams in this manual are purely indicative: they do not always strictly refer to the specific product and in no case are they contractual.

3.3. Meaning of the symbols

	PROHIBITION: Indication of operations that must NOT be performed, to avoid damage.
	ATTENTION: Carefully read and understand the message it refers to because failure to comply may result in serious damage to the product and put the user's safety at risk.
	INFORMATION: Not following these instructions will compromise the use of the product.

3.4. Product identification and warranty.

The product is uniquely identified by a number, the “warranty slip or serial number” which can be found on the warranty certificate. Please keep:

- The warranty certificate that you found in the product
- The tax document issued by the retailer
- The declaration of conformity issued by the installer. Check local and national regulations.

The warranty conditions are indicated in the warranty certificate which can be found in the product and on the website www.edilkamin.com

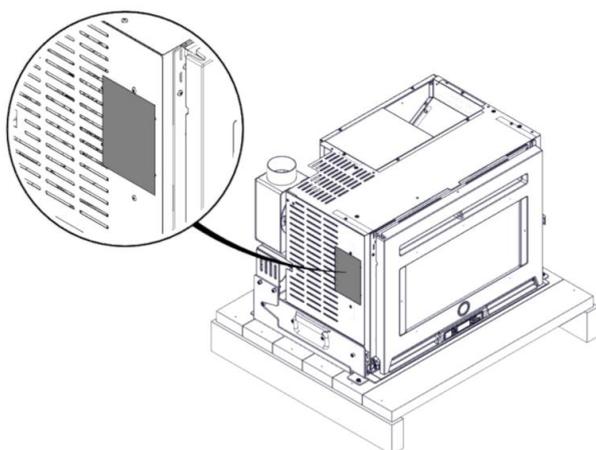


Example of warranty certificate

3.5. CE plate: Data and position

We recommend taking a photo of the CE plate, which shows the data according to the harmonised product standard and the warranty slip (serial number), for all required uses.

The CE plate can be found on the left side of the product



Notified body: 1880 EN 14785
SERIAL NUMBER: Anno di costruzione/ Year of construction

PELLEK80 EVO

MODEL/ MODELLO	Function	INT	Nominal	Reduc.	Unit
	System	3	$P_{e,nom}$ /	$P_{e,part}$ /	kW
			P_{nom} 8,1	P_{part} 3,8	kW
	R	50 mm	η_{nom} 91,2	η_{part} 82	%
	B	50 mm	$CO_{nom}(13\%O_2)$ 189	$CO_{part}(13\%O_2)$ 251	mg/m ³
	L	50 mm	$NO_{nom}(13\%O_2)$ 94	$NO_{part}(13\%O_2)$ 93	mg/m ³
			$OGC_{nom}(13\%O_2)$ 1	$OGC_{part}(13\%O_2)$ 1	mg/m ³
			$PM_{nom}(13\%O_2)$ 15	$PM_{part}(13\%O_2)$ 15	mg/m ³
			T_{nom} 124	T_{part} 150	°C
			P_w /	/	bar
			W	198	W
			Operating voltage	230	V
			Rated frequency	50	Hz

Use the following recommended fuels: Wood pellets

Manufacturer: Edilkamin
www.edilkamin.com
Mascagni 7 Lainate (MI) ITALY

cd: 3710741 ed: A05.23



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

4. SAFETY INFORMATION

USER/INSTALLER



The characters of the safety information are larger according to the standards

4.1. General notes for the safe use of the product

For the safe use of the product, carefully read the operating instructions section of the manual.

If something is not clear, do not act on your own initiative but contact the retailer or the installer. The names of Edilkamin's contracted and licensed technical service centres are available **ONLY** at www.edilkamin.com

The product is not designed to be used by people, including children, with reduced physical, sensory or mental capabilities.

The product is not designed for cooking.

The product is designed to burn category A1 wood pellets in accordance with UNI EN ISO 17225-2, in the amounts and in the manner described in this manual.

The product is designed for indoor use and in environments with a normal level of humidity. Therefore, keep the product in a dry place, protected from adverse weather conditions.

The product is designed to operate only with the covers fitted. Otherwise there is a risk of accessible live parts.

4.2. Recommendations and prohibitions for the safe use of the product

Use the product only after it has been installed by qualified technicians in a workmanlike manner and in accordance with local and national regulations.

Power up the product only after it has been fully assembled and the covers have been fitted.

Do not install in rooms where there is a risk of fire. There is a risk of damage to property and people.

Do not touch hot parts and, when the product is off but still hot, use suitable precautions (e.g. fire resistant gloves).

Do not access internal parts. When it is connected to the electrical power supply, there is a risk of electric shock.

Do not ignite or stoke the flame with liquid sprays or flame throwers. There is a risk of serious burns and damage to property and people.

Do not burn waste, plastic materials or anything other than wood pellets. There is a risk of soiling the product, causing a fire in the chimney and damaging the room.

Do not vacuum hot ash. There is a risk of damaging the vacuum cleaner and possibly smoke in the room.

Do not clean using flammable or unsuitable products. There is a risk of fire or backdraught.

Do not clean the glass when it is hot or using unsuitable products. There is a risk of cracking the glass or causing irreversible damage to it.

Do not place flammable materials closer than the safety distances indicated in this manual and in the declaration of performance. For example, do not place drying racks closer than the safety distance. There is a risk of fire.

Do not keep any type of flammable liquid near the product. There is a risk of fire.

Do not block the ventilation openings in the room or the air inlets or chimney. There is a risk of smoke entering the room with the risk of causing damage to property and people.

Do not use the product as a support or as a ladder. There is a risk of damage to property and people.

Do not attempt to use the product with the door open or throw hot material out of the product. There is a risk of fire.

Do not use the product if the glass is broken.

Do not use water in case of fire and contact your local authorities.

4.3. Possible risks if the installation, operation and maintenance instructions are not followed

Risk of BURNS in case of contact with hot parts.

Risk of ELECTRIC SHOCK in case of contact with internal parts when connected to the electrical power supply.

Risk of INJURY to hands if used carelessly or by people with reduced skills, if the safety devices are removed or if access to the internal parts is attempted.

Risk of FIRE if the installation, operation and maintenance instructions are not followed.

Risk of ASPHYXIATION if failure to comply with the installation, operation and maintenance instructions results in the obstruction of the smoke exhaust and of the air intakes.

Risk of DAMAGE to property and people if the electrical system does not have an efficient earthing system.



RISK OF OVERTURNING:

The product can only be removed when it is switched off and secured to the base.

The product removal instructions are given in this manual.

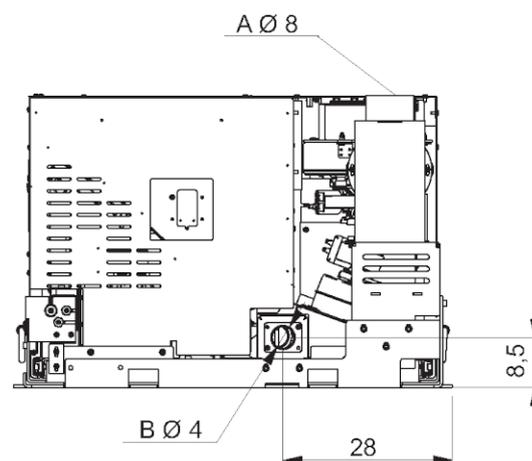
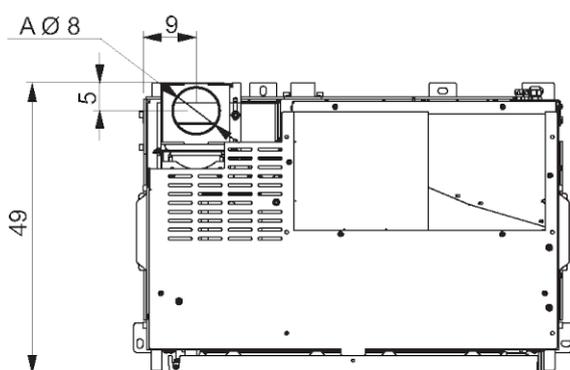
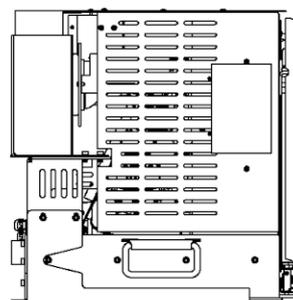
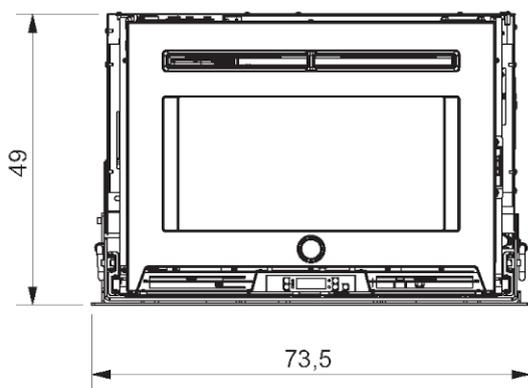
5. DIMENSIONS

USER/INSTALLER

- A: smoke outlet
- B: combustion air inlet
- C: air outlet for ducting (if present)
- D: delivery (for hydro products)
- E: return (for hydro products)
- F: load (for hydro products)

Dimensions in cm

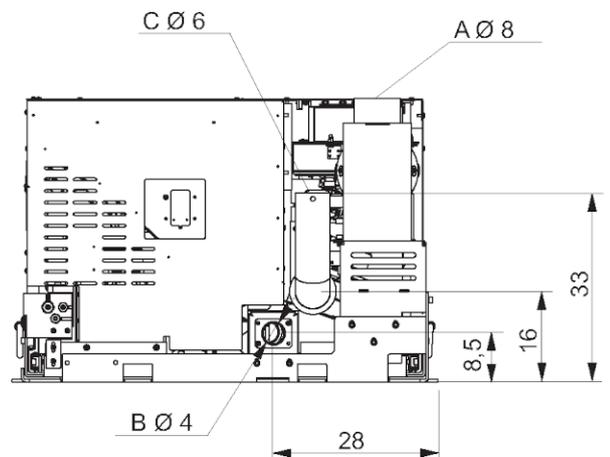
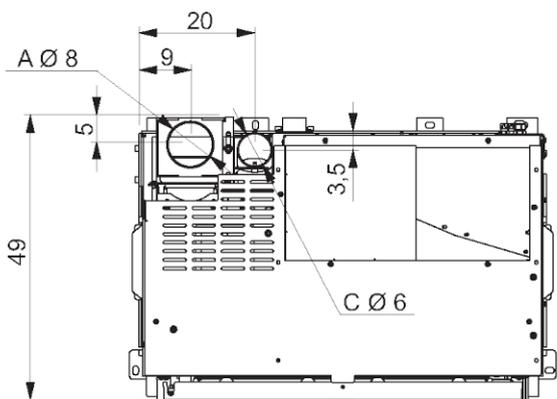
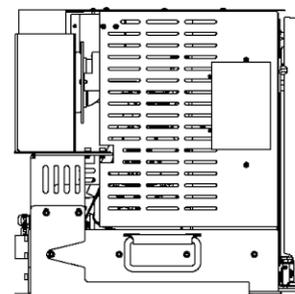
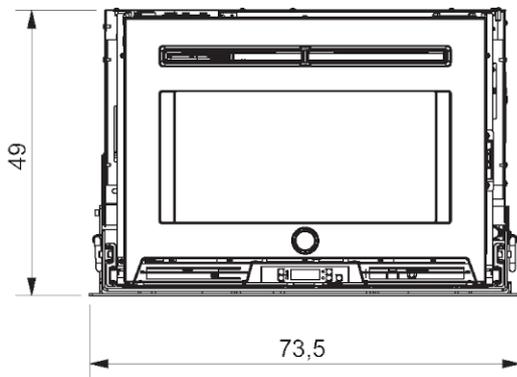
5.1. Pellek80



- A: smoke outlet
- B: combustion air inlet
- C: air outlet for ducting (if present)
- D: delivery (for hydro products)
- E: return (for hydro products)
- F: load (for hydro products)

Dimensions in cm

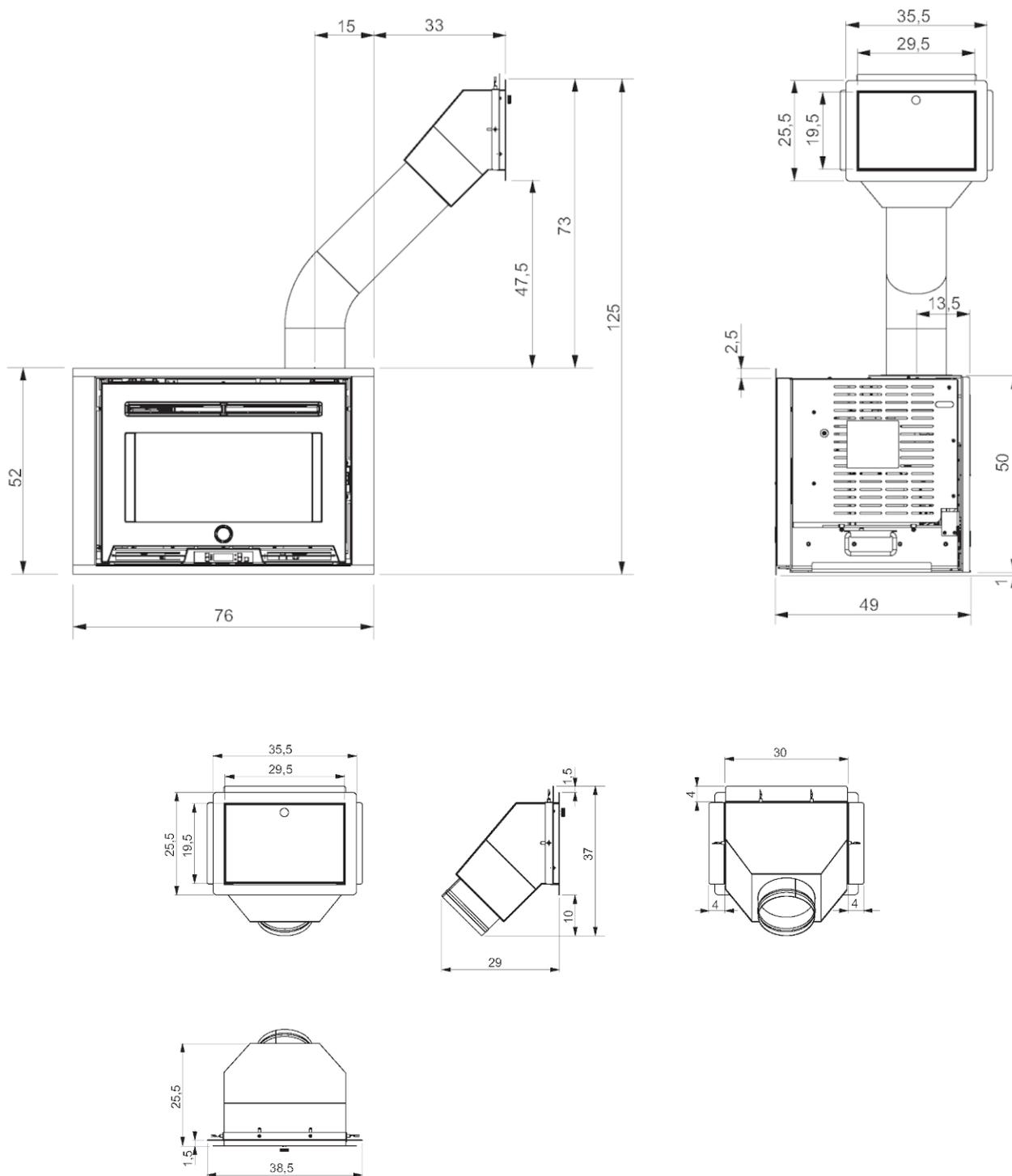
5.2. Pellek110+



5.3. Pellet loading hatch



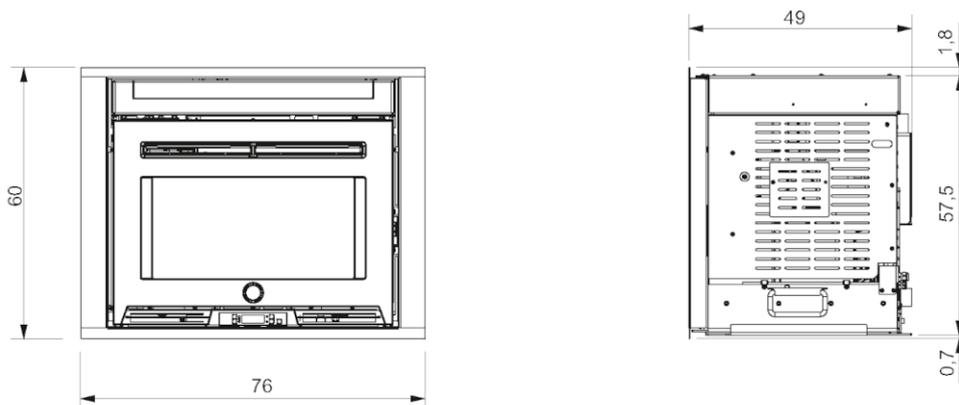
It is not possible to use the product without installing one of the pellet loading kits



5.4. Pellet loading drawer

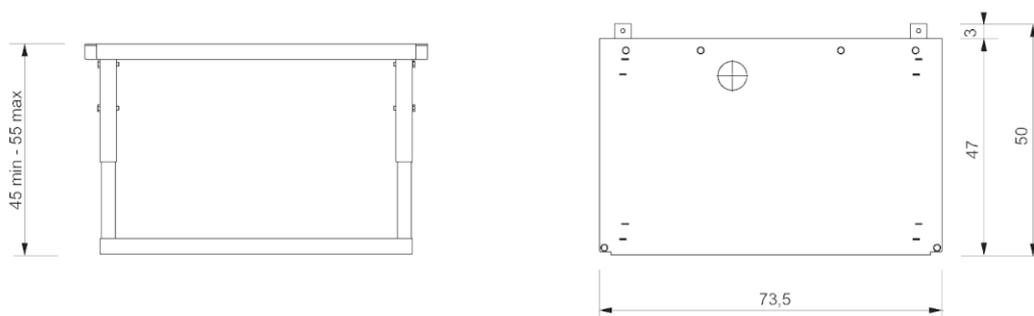


It is not possible to use the product without installing one of the pellet loading kits



5.5. Support frame

A support frame for installation as a firebox is available as an optional accessory



6. TECHNICAL DATA

USER/INSTALLER

6.1. Technical data according to the product standard: Pellek80 evo

The data shown is indicative and obtained during the certification phase at a notified body according to current regulations.

The results were obtained with the glass cleaning air closed. It is the responsibility of the installer to use the gasket supplied and to adjust the parameters.

Quantity			
	PELLEK80 EVO		
	Rated power	Reduced power	
Output power	8,1	3,8	kW
Yield	91,2	82	%
CO emissions at 13% O ₂	0,015	0,020	%
Smoke temperature	124	150	°C
Fuel consumption	1,9	1	kg/h
Hopper capacity	11		kg
Draught	10,2	8	Pa
Autonomy	6	11	Hours
Minimum volume of installation room	38		m ³
Heatable volume	210		m ³
Smoke duct diameter	80		mm
Air intake duct diameter	40		mm
Weight with packaging	151		kg
Energy efficiency class (Regulation 1185/2015)	A+		
Environmental Class according to the Italian Ministerial Decree 186	5 stars		
Minimum distance of combustible materials from Back/Side/Front	50/50/800		mm
Minimum distance of combustible materials from Ceiling/Floor	NPD: (No declared performance)		mm

NOTES ON THE TECHNICAL DATA

- To calculate consumption, a heating value of 4.8 kW/Kg was used.
- The heatable volume is calculated considering a heat demand of 33 Kcal/m³ per hour.
- The autonomy may vary depending on the use/installation/fuel characteristics and it is not a contractual obligation, nor is it a possible cause for dispute.
- The product can work safely also with a higher draught. However, an excessive draught may result in switch-off and/or decreased efficiency.

6.2. Technical data according to the product standard: Pellek110+ evo

The data shown is indicative and obtained during the certification phase at a notified body according to current regulations.

The results were obtained with the glass cleaning air closed. It is the responsibility of the installer to use the gasket supplied and to adjust the parameters.

Quantity			
	PELLEK110+ EVO		
	Rated power	Reduced power	
Output power	9,8	3,8	kW
Yield	89,3	82	%
CO emissions at 13% O ₂	0,015	0,020	%
Smoke temperature	147	150	°C
Fuel consumption	2,3	1	kg/h
Hopper capacity	11		kg
Draught	10,1	8	Pa
Autonomy	5	11	Hours
Minimum volume of installation room	38		m ³
Heatable volume	255		m ³
Smoke duct diameter	80		mm
Air intake duct diameter	40		mm
Weight with packaging	155		kg
Energy efficiency class (Regulation 1185/2015)	A+		
Environmental Class according to the Italian Ministerial Decree 186	5 stars		
Minimum distance of combustible materials from Back/Side/Front	50/50/800		mm
Minimum distance of combustible materials from Ceiling/Floor	NPD: (No declared performance)		mm

NOTES ON THE TECHNICAL DATA

- To calculate consumption, a heating value of 4.8 kW/Kg was used.
- The heatable volume is calculated considering a heat demand of 33 Kcal/m³ per hour.
- The autonomy may vary depending on the use/installation/fuel characteristics and it is not a contractual obligation, nor is it a possible cause for dispute.
- The product can work safely also with a higher draught. However, an excessive draught may result in switch-off and/or decreased efficiency.

6.3. Technical data for sizing the chimney system

Quantity			
	PELLEK80 EVO		
	Rated power	Reduced power	
CO ₂	8,5	5	%
Smoke temperature at exhaust	149	180	°C
Minimum draught	0,01		Pa
Flue gas flow rate	7,3	6,3	g/s

Quantity			
	PELLEK110+ EVO		
	Rated power	Reduced power	
CO ₂	8,5	5	%
Smoke temperature at exhaust	177	180	°C
Minimum draught	0,01		Pa
Flue gas flow rate	8,9	6,3	g/s

	<p>The chimney system and the installation as a whole must comply with the instructions given in this manual and with all local and national regulations. The installer is responsible for the installation</p>
-------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

6.4. Electrical data

Quantity		
	PELLEK80 EVO	
Power supply	230	Vac
Frequency	50	Hz
Rated power consumption	180	W
Reduced power consumption	50	W
Power consumption in stand-by	3	W
Rated electrical power	198	W
Protection	Fuse 3,15 AT,250 Vac 5x20	

Quantity		
	PELLEK110+ EVO	
Power supply	230	Vac
Frequency	50	Hz
Rated power consumption	186	W
Reduced power consumption	50	W
Power consumption in stand-by	3	W
Rated electrical power	205	W
Protection	Fuse 3,15 AT,250 Vac 5x20	



The installation must comply with national and local regulations. For safety reasons, the electrical system must comply with legal standards. Correct earthing is essential.

6.5. ECODESIGN technical data Pellek80 evo



Edilkamin S.p.A.
20020 Lainate (MI), via P. Mascagni 7
Tel. +39 02 937621
Fax +39 02 93762 400/300
mail@edilkamin.com
www.edilkamin.com

Capitale € 4.100.000 int. vers.
Sede legale:
20123 Milano, via Vincenzo Monti 47
Reg. Imp. di Milano 00192220192
REA n° 878888
Cod. Fiscale e Partita IVA 00192220192

TECHNICAL DOCUMENTATION FOR LOCAL SPACE HEATERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1185 AND 2015/1186

Manufacturer	Edilkamin S.p.A.	
Trademark	Edilkamin	
Model Identifier	PELLEK80 EVO	
Equivalent models		Trademark Edilkamin Trademark Innofire Trademark Italiana Camini
Description	Mechanically space heater fired by wood pellets	
Indirect heating functionality	no	
Direct heat output (space heat output)	8,1 kW	
CPR harmonised standard	EN 14785	
Notified Body	Acteco srl (Via Amman 41 ,33084 Cordenons-PN-Italy) NB1880	

Fuel	Preferred fuel (only one)	Other suitable fuel(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			
Wood log, moisture content ≤ 25 %	no	no								
Compressed wood with moisture content < 12 %	yes	no	15	1	189	94	15	1	251	93
Other woody biomass	no	no								
Non-woody biomass	no	no								
Anthracite and dry steam coal	no	no								
Hard coke	no	no								
Low temperature coke	no	no								
Bituminous coal	no	no								
Lignite briquettes	no	no								
Peat briquettes	no	no								
Blended fossil fuel briquettes	no	no								
Other fossil fuel	no	no								
Blended biomass and fossil fuel briquettes	no	no								
Other blend of biomass and solid fuel	no	no								

(*) PM = particulate matter, OGCs = organic gaseous compounds, CO = carbon monoxide, NOx = nitrogen oxides

(**) Only required if correction factors F(2) or F(3) are applied.

Observe the specific precautions for installation, assembly and maintenance indicated in the manual accompanying the product

η_s [%]	86,7
EEI [%]	128
Energy Efficiency Class	A+

Calculations according to the council commission regulation (EU) 2015/1186 and 2015/1185

Characteristics when operating with the preferred fuel

$$EEI = (\eta_{s,on} \cdot BLF) - 10\% + F(2) + F(3) - F(4) - F(5) \quad BLF = 1,45 \quad \eta_{s,on} = \eta_{th,nom}$$

$$\eta_s = \eta_{s,on} - 10\% + F(2) + F(3) - F(4) - F(5)$$

6.6. ECODESIGN technical data Pellek110+ evo



Edilkamin S.p.A.
I-20045 Lainate (MI) | Via P. Mascagni 7
☎ +39 02 937621 | mail@edilkamin.com
www.edilkamin.com

Capitale € 4.100.000 int. vers.
Sede legale: I-20154 Milano | Via Pietro Moscati 8
Reg. Imp. di Milano 00192220192 | REA n° 87 88 88
Cod. Fiscale e Partita IVA 00192220192

TECHNICAL DOCUMENTATION FOR LOCAL SPACE HEATERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1185 AND 2015/1186

Manufacturer	Edilkamin S.p.A.	
Trademark	Edilkamin	
Model Identifier	PELLEK110+ EVO	
Equivalent models		Trademark Edilkamin Trademark Innofire Trademark Italiana Camini
Description	Mechanically space heater fired by wood pellets	
Indirect heating functionality	no	
Direct heat output (space heat output)	9,8 kW	
CPR harmonised standard	EN 14785	
Notified Body	Acteco srl (Via Amman 41 ,33084 Cordenons-PN-Italy) NB1880	

Fuel	Preferred fuel (only one)	Other suitable fuel(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				
Wood log, moisture content ≤ 25 %	no	no									
Compressed wood with moisture content < 12 %	yes	no	15	1	182	96	15	1	251	93	
Other woody biomass	no	no									
Non-woody biomass	no	no									
Anthracite and dry steam coal	no	no									
Hard coke	no	no									
Low temperature coke	no	no									
Bituminous coal	no	no									
Lignite briquettes	no	no									
Peat briquettes	no	no									
Blended fossil fuel briquettes	no	no									
Other fossil fuel	no	no									
Blended biomass and fossil fuel briquettes	no	no									
Other blend of biomass and solid fuel	no	no									

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

Observe the specific precautions for installation, assembly and maintenance indicated in the manual accompanying the product

η_s [%]	85,2
EEl [%]	125
Energy Efficiency Class	A+

Calculations according to the council commission regulation (EU) 2015/1186 and 2015/1185
Characteristics when operating with the preferred fuel

$$EEl = (\eta_{s,on} \cdot BLF) - 10\% + F(2) + F(3) - F(4) - F(5) \quad BLF = 1,45 \quad \eta_{s,on} = \eta_{th, nom}$$

$$\eta_s = \eta_{s,on} - 10\% + F(2) + F(3) - F(4) - F(5)$$

7. UNPACKING



Only qualified personnel can unpack the product, in accordance with the safety regulations

INSTALLER

7.1. Notes on unpacking

The materials that compose the packaging are neither toxic nor harmful and as such do not require special disposal processes.

Storage, disposal or possibly recycling is the responsibility of the end user in accordance with the applicable laws. The packaging may be different in different countries for regulatory and transport reasons.



Perform all handling operations with the package upright, using suitable equipment and complying with current safety regulations. Do not overturn the package and take great care with the parts to be assembled.



DO NOT LEAVE PACKAGING WITHIN THE REACH OF CHILDREN. Packaging material (e.g. plastic, sheets of film) can be dangerous for children. There is a risk of suffocation.

7.2. Packaging disposal instructions

	Guidance notes: Comply with the local and national regulations
-----------------------------------------------------------------------------------	---------------------------------------------------------------------------------

DESCRIPTION	INSTRUCTIONS FOR COLLECTION
Wooden pallet	Separate collection
Wooden crate	Wood
Wooden pellet	Check the regulations of the relevant authority
Cardboard box	Separate collection
Cardboard corner	Paper
Appliance bag	Separate collection
Accessory bag	Plastic
Bubble wrap	Check the regulations of the relevant authority
Protective sheet	Check the regulations of the relevant authority
Labels	Check the regulations of the relevant authority
Polystyrene	Separate collection
Straps	Separate collection
Adhesive tape	Plastic
Hardware	Separate collection
Staples for straps	Metal
Fixing bracket	Check the regulations of the relevant authority

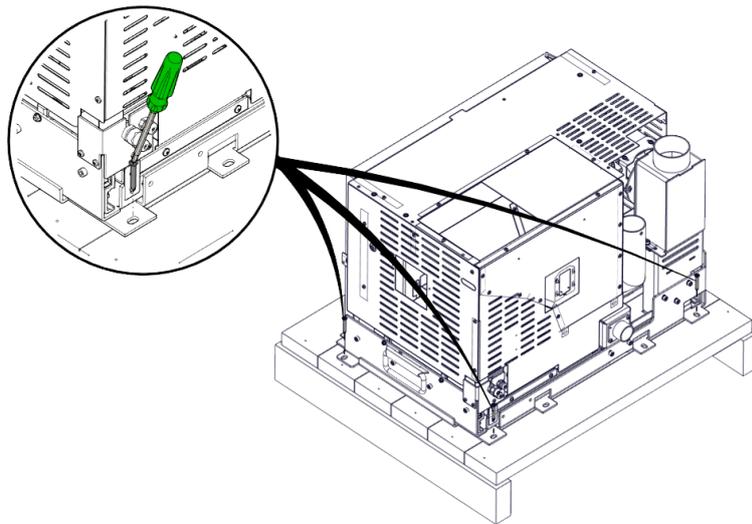
7.3. Remove from the pallet



Do not attempt to remove the product from the pallet before removing the screws. Only qualified personnel can remove the product from the pallet, in accordance with the safety regulations. The installer can find the complete instructions on the website.



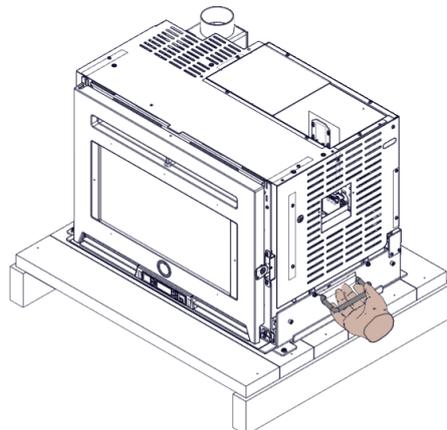
THE DRAWINGS ARE INDICATIVE. THEY ARE USEFUL FOR ASSEMBLY, BUT THEY DO NOT ALWAYS REFER TO THE SPECIFIC MODEL.



Unscrew the screws

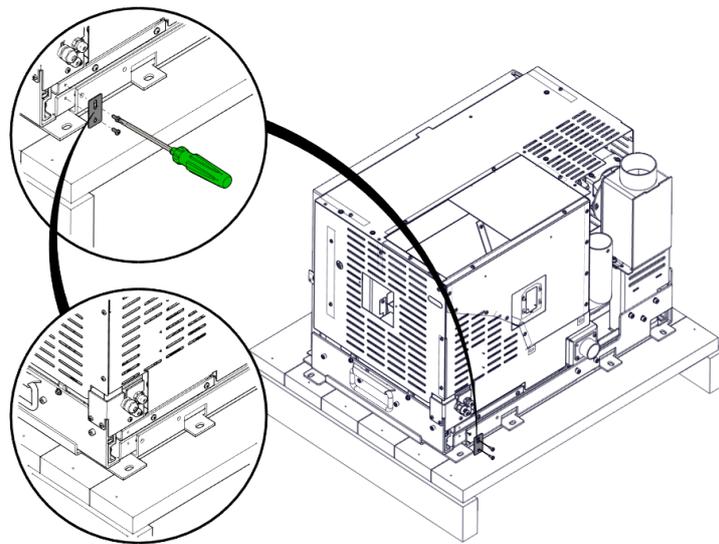
7.3.1. Handles

The product features two handles to facilitate transport operations



Make sure that the product is balanced when moving it

7.3.2. Locking plate



Unscrew the plate to be able to remove the product
Unscrew the plate only when the product is in place
Do not move the product without the fixing plate

8. INSTALLATION

INSTALLER

	<p>The diameter of the smoke outlet is not the diameter of the chimney system. The chimney system must be sized according to national and local regulations.</p> <p>In particular, (non-exhaustive list) refer to EN 13384, EN 1443, EN 1856, EN 1457 and to all local regulations.</p>
	<p>Avoid the infiltration of condensation water through the chimney flue. If necessary, install an anti-condensation ring - ask your chimney sweep.</p> <p>Damage caused by condensation water is not covered by the warranty.</p>
	<p>In some countries, in special conditions, multiple chimney flue installations are allowed. According to regional regulations, additional safety systems are required when connecting to multiple chimney flues. Your chimney sweep/technician is available for further information.</p>

8.1. Preliminary remarks on installation

Remember that:

- The installation must be performed by qualified personnel;
- All local and national laws and European Standards must be complied with when installing and using the product. In Italy the reference is the standard UNI 10683;
- In the case of installation in condominiums it is necessary an offer with positive recommendation of the administrator;
- In the case of installation in public places, check and comply with local regulations for these installations.

The product is designed to operate in all weather conditions. In case of special conditions, as strong wind, safety systems may intervene forcing the switch off of the product.

Some indications of a general nature are given below, which do not replace the checking against the local standards and do not bring any liability concerning the installer's work.

8.2. Checking the suitability of the installation room

- The volume of the room must be greater than that indicated in the technical table
- The floor must be able to support the weight of the product and its accessories* (see the note in the paragraph on heat protection)
- Make sure that the product is levelled
- Do not install in rooms where there is a risk of fire or explosion.
- In Italy, check compatibility pursuant to UNI 10683 and UNI 7129 in the presence of gas products.

8.3. Heat protection and safety distances

All the surfaces of the building adjacent to the product must be protected against overheating.

The insulation measures to be taken depend on the type of surfaces present.

The product must be installed in accordance with the following safety conditions:

Minimum distance from any combustible materials: see the declaration of performance on the website

In the case of installation with a wall made of wood or other flammable material, the smoke exhaust pipe must be adequately insulated.

In the case of installation on a floor made of flammable and/or combustible material or with an insufficient load-bearing capacity, it is advisable to place the product on a load distribution plate.

8.4. Chimney system (Smoke duct, chimney flue and chimney pot)

This chapter is written in accordance with European Standards EN 13384, EN 1443, EN 1856, EN 1457.

The installer must take these Standards and any other local regulations into account.

This manual is in no way to be considered as a replacement for current regulations.

The product must be connected to a suitable smoke exhaust system that guarantees the safe and complete evacuation of the smoke produced by combustion.

Before positioning the product, the installer must make sure that the chimney flue is suitable.

8.5. Smoke duct, chimney flue

The smoke duct (duct connecting the fire box smoke outlet to the chimney flue inlet) and the chimney flue must, among other regulatory requirements, in general:

- Receive the smoke coming from only one product (it cannot receive the smoke coming from several products); in some countries there are specific regulations: it is the responsibility of the installer to assess compliance with local regulations.
- Have a predominantly vertical development.
- Not have any counter-sloping sections.
- Have a preferably circular inner cross-section and in any case with a ratio between sides of less than 1.5.
- End on the roof with a suitable chimney pot: it is forbidden to discharge directly from the wall or towards enclosed spaces, even if outdoors.
- Be made of materials with fire reaction class A1 pursuant to UNI EN 13501 or similar national Standard.
- Be suitably certified, with an appropriate chimney plate if metal.
- Maintain the initial section or vary it only immediately above the product outlet and not along the chimney flue

8.6. Smoke duct

In addition to the general requirements applicable to the smoke duct and to the chimney flue, the smoke duct:

- Must not be made of a flexible metal material.
- Must be insulated if it passes through unheated rooms or if it passes outside.
- It must not pass through rooms in which it is forbidden to install combustion heat generators or rooms where there is a risk of fire or rooms that cannot be inspected.
- It must allow the recovery of soot and it must be inspectable.
- In general, it must not have more than 3 bends with a maximum angle of 90°, the assessment of which is the responsibility of the technician in charge of sizing the system.
- In general, any horizontal section can have a maximum (average) length of 3 metres, depending on the draught. However, bear in mind that long sections facilitate the accumulation of dirt and are more difficult to clean; the assessment is the responsibility of the technician in charge of sizing the system.

8.7. The chimney flue

In addition to the general requirements applicable to the smoke duct and to the chimney flue, the chimney flue:

- Must only be used to discharge smoke.
- Must be correctly sized to meet smoke evacuation requirements (EN 13384-1 non-exhaustive example)
- Is preferably insulated, made of steel and with a circular inner cross-section. If rectangular, the edges must normally have a radius of not less than 20 mm and a ratio between internal dimensions <1.5.
- Normally have a minimum height of 1.5 metres.
- Maintain a constant cross-section.
- Be waterproof and thermally insulated to ensure draught.
- Preferably have a collection chamber for unburnt material and any condensation.
- If pre-existing, it must be cleaned, to avoid fire hazards.
- As a general guideline, it is advisable to duct the chimney flue if its diameter is greater than 150 mm, the assessment of which is the responsibility of the technician in charge of sizing the system.

8.8. Ducted system

In addition to the general requirements applicable to the smoke duct and to the chimney flue, the ducted system:

- Must operate under negative pressure.
- Must be inspectable.
- Must comply with local regulations.

8.9. The chimney pot

- Must be windproof.
- Must have an inner cross-section equivalent to that of the chimney flue and an outlet smoke passage cross-section equal to at least twice the inner cross-section of the chimney flue.
- In the case of paired chimney flues (which should be at least 2 m apart), the chimney pot that receives the solid fuel product discharge or that of the highest floor must be at least 50 cm above the other.
- Must go beyond the reflux area (in Italy, refer to Standard UNI 10683)
- Must allow for maintenance operations to be performed on the chimney

8.10. External air intake

In general, we suggest two alternative ways of ensuring the flow of essential air for combustion:

- indirect air intake
- direct air intake

8.11. Indirect air intake

Prepare, at floor level, an air intake with a useful surface area (net of any meshes or other protections) of at least 80 cm² (diameter 10 cm).

In order to avoid draughts, it is advisable to place the air intake behind the stove or behind a radiator.

It is advisable not to have it in front of the product to avoid draughts.

8.12. Direct air intake

Prepare an air intake with a useful cross-section (net of any meshes or other protection) with a surface area at least equal to the cross-section of the air inlet hole behind the product.

Assess the diameter according to the pressure drops.

Connect the air intake to the hole with a pipe, even a flexible hose.

Increase the diameter of the pipe if the pipe is not smooth: assess the pressure drops.

It is advisable not to exceed 5 m and to have no more than 3 bends, depending on the chimney flue draught. The inflowing air can come from an adjacent room provided that:

- The flow does not encounter any obstacles as it travels through permanent openings communicating with the outside
- The room adjacent to the installation room is never depressurised with respect to outside.
- The adjacent room is not used as a garage or for activities causing a risk of fire, nor is it a bathroom or a bedroom.
- The adjacent room is not a common room of the building

In Italy, Standard UNI 10683 indicates that ventilation is sufficient even if the pressure difference between the external and the internal environment is maintained at 4 Pa or less (Standard UNI EN 13384-1 non-exhaustive example).

The installer who issues the declaration of conformity is responsible for this.

8.13. Electrical connection

Place the socket in an easily accessible position.

Voltage variations greater than 10% may compromise operation.

The electrical system must be in accordance with current regulations; in particular, check the efficiency of the earthing system.

	<p>The inefficiency of the earthing system causes malfunctions for which Edilkamin shall not be held responsible. The power line must have a suitable cross-section for the power of the appliance.</p>
-----------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	<p>AVOID CONTACT BETWEEN THE POWER CABLE AND HOT PARTS OR THE EXHAUST PIPE.</p>
-------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------

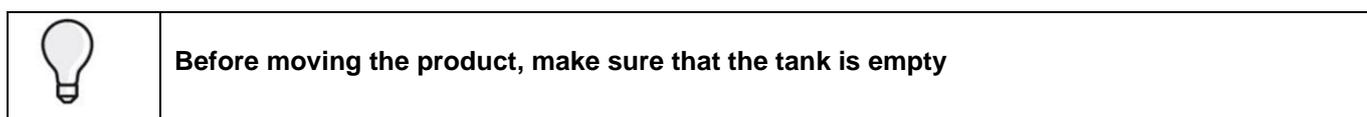
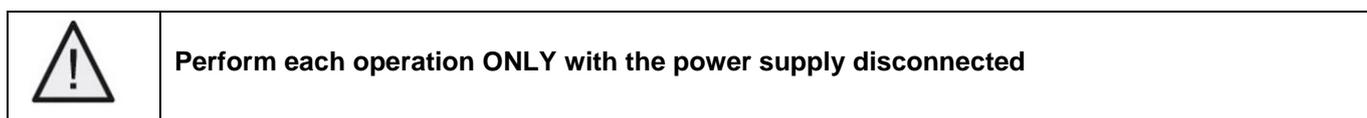
The product is supplied with a power cable to be connected to a 230V 50 Hz socket, preferably with a circuit breaker.

	<p>If the intake point is not accessible, a multi-pole control switch must be installed in compliance with the standards in force</p>
-------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------

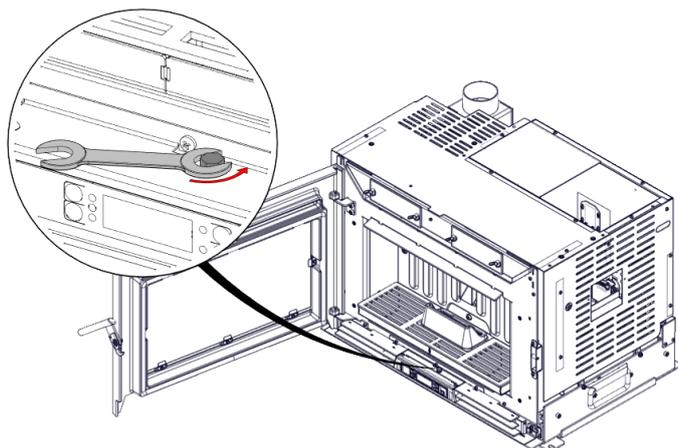
	<p>The product is equipped with a 3.15 AT, 250 Vac 5x20 fuse on the circuit board which can be replaced ONLY by technical personnel</p>
-------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------

	<p>If the power supply cable is damaged, it must be replaced by the manufacturer or by its technical assistance service or in any way by a person with a similar qualification, in order to prevent any risk</p>
-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

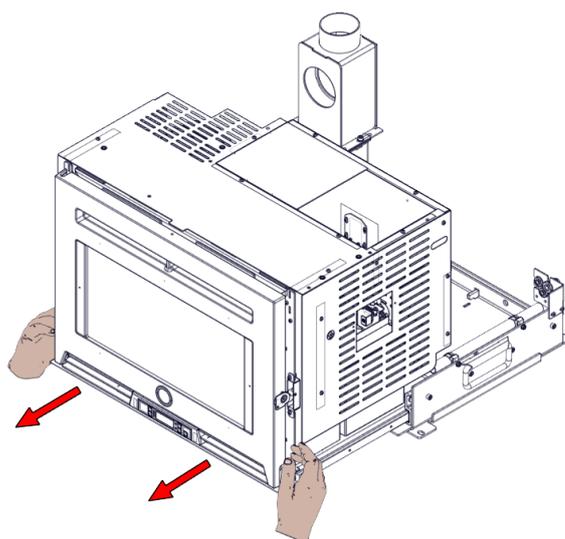
8.14. Fan direction only for PELLEK110+



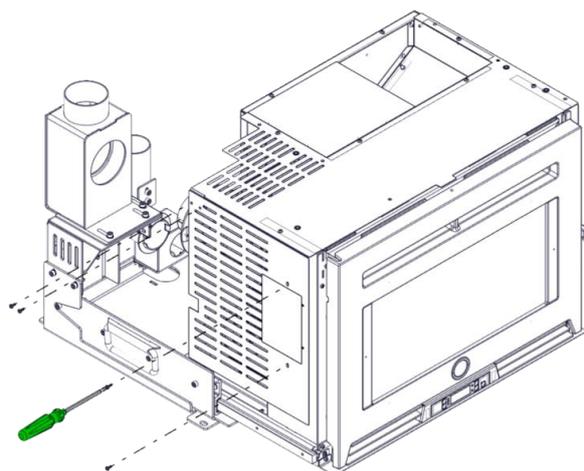
To direct the fan, proceed as follows



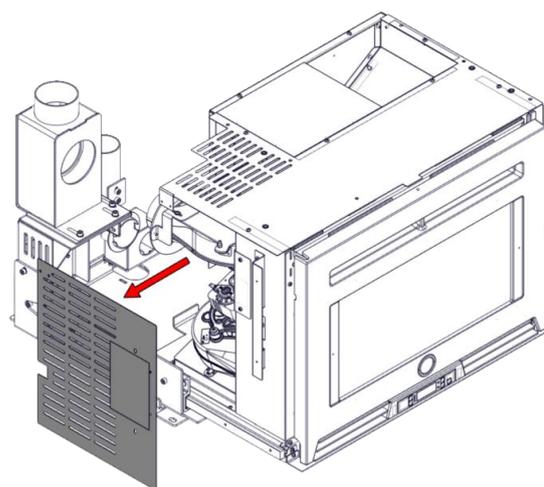
1) Open the door and unscrew the safety pin



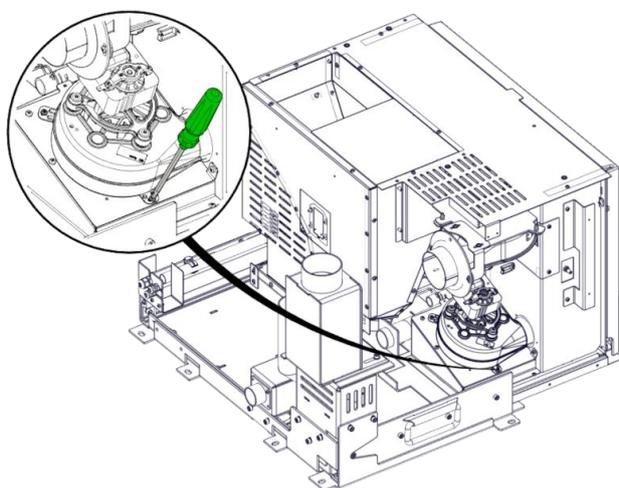
2) Close the door and pull out the insert slightly



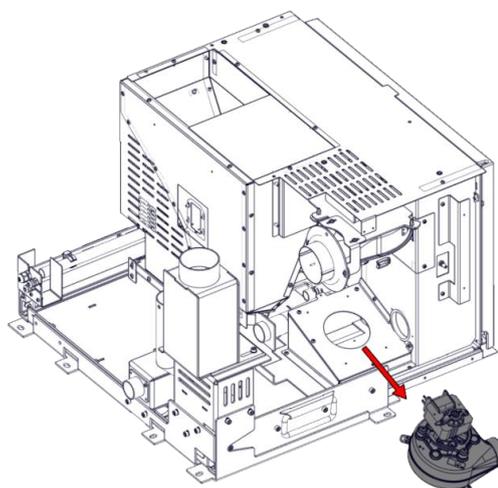
3) Unscrew the screws



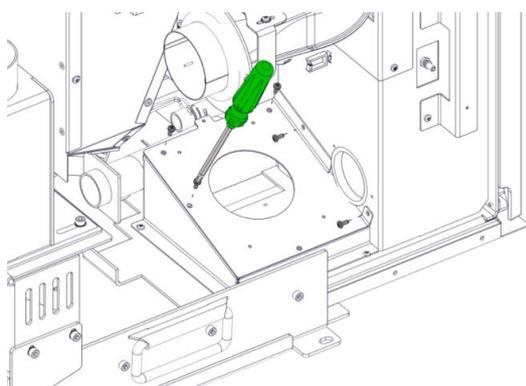
4) Remove the cover



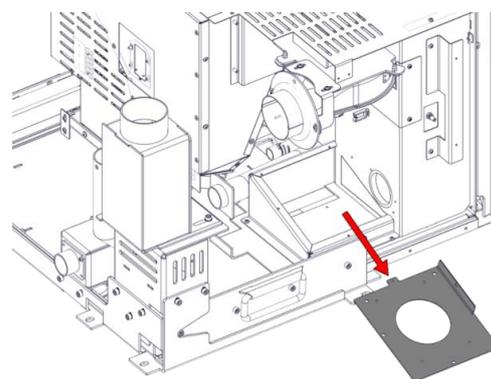
5) Unscrew the screws



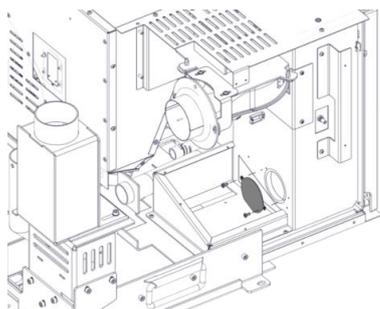
6) Remove the fan



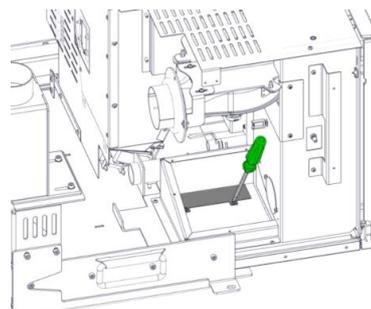
7) Unscrew the screws



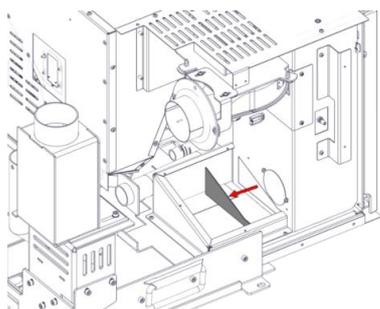
8) Remove the bracket



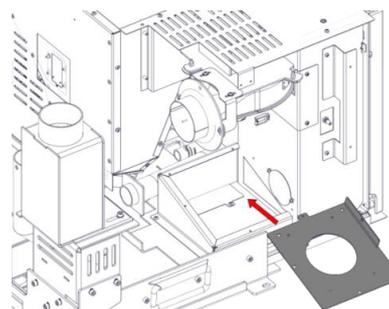
9) Tighten the cap



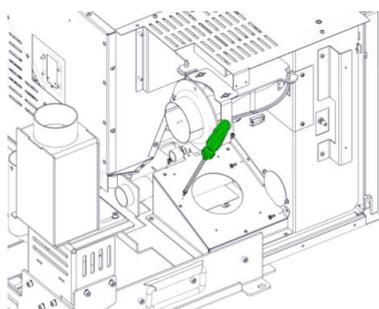
10) Tighten the plate



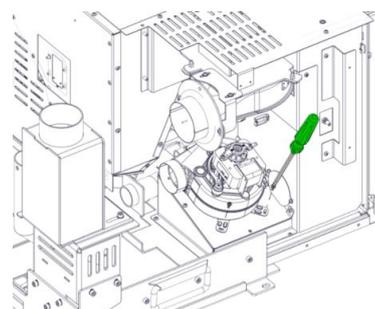
11) Remove the pre-cut piece



12) Reassemble the support

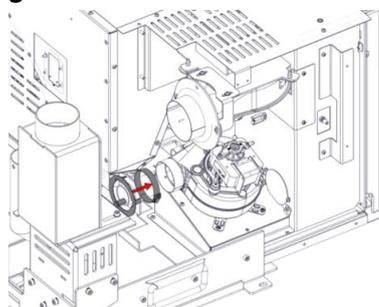


13) Tighten the screws

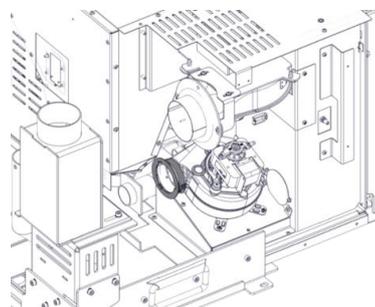


14) Put the fan back in place and tighten the screws

15) Move the gasket from the fan to the ducting pipe

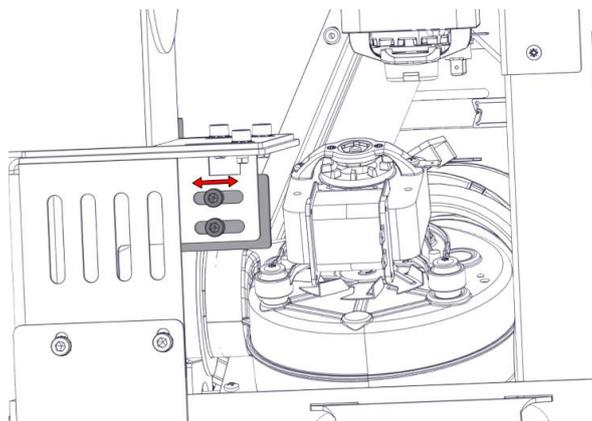
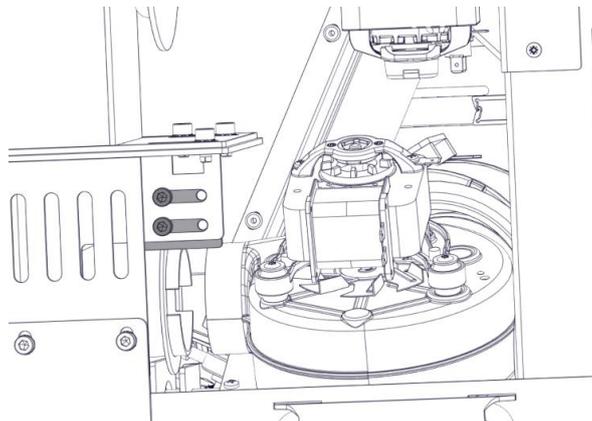
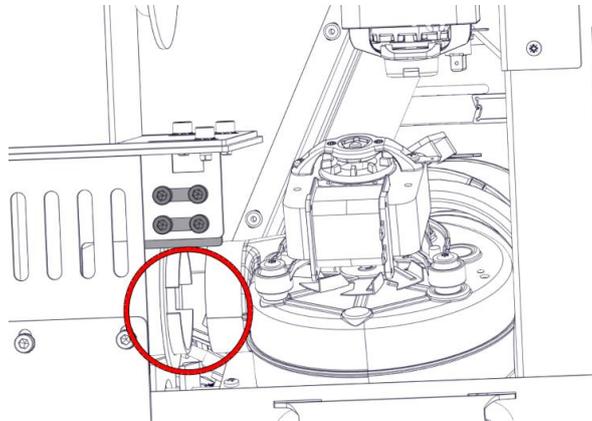


16) Insert the flange and tighten the clamp



8.14.1. Possible adjustments

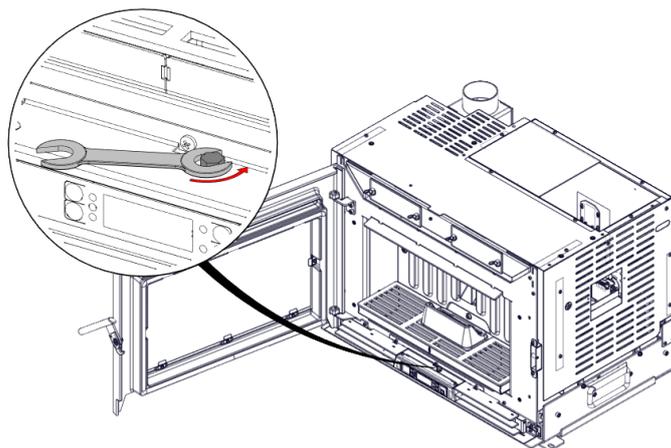
To connect the fan to the ducting pipe, proceed as follows:



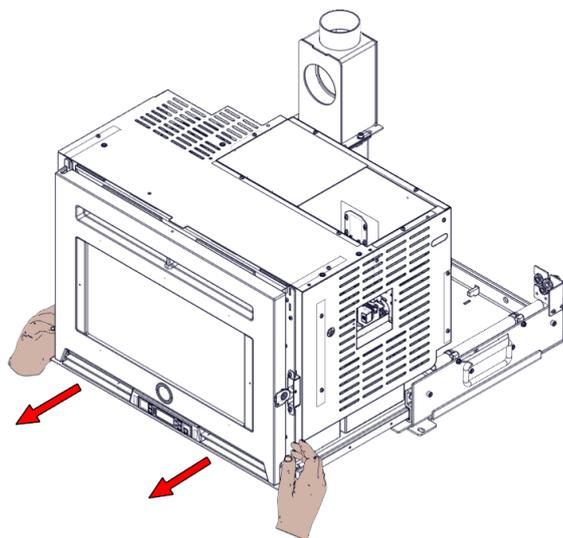
8.15. Plate assembly

For assembly, proceed as follows:

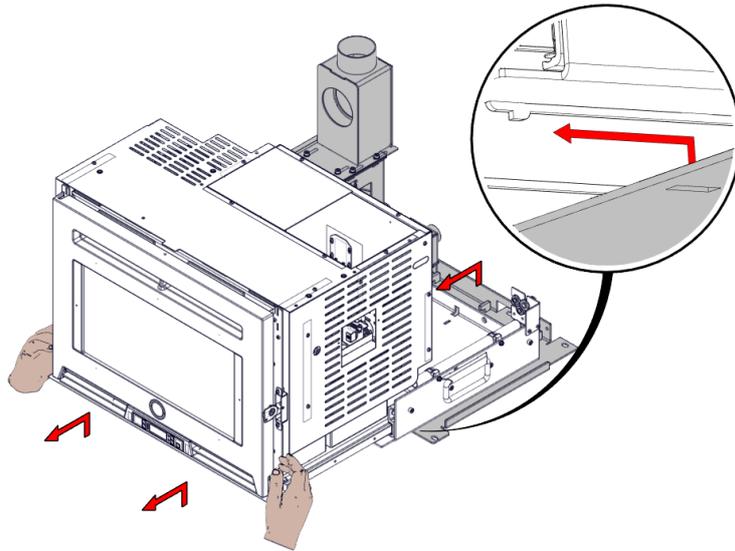
- Make sure that there is a power outlet on the back of the insert, so that it is accessible once installation is complete.
- After assessing the correct position of the insert



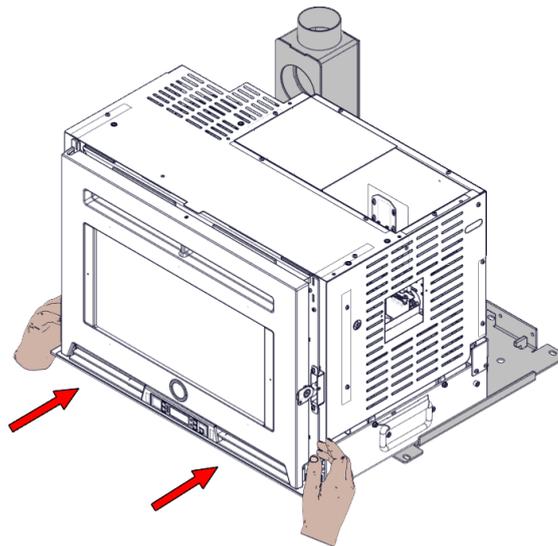
1) Open the door and unscrew the safety pin



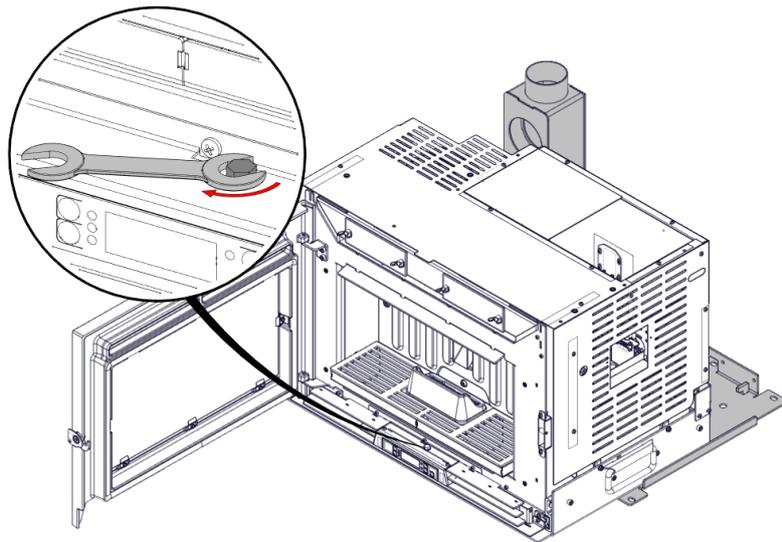
2) Close the door and pull out the insert slightly



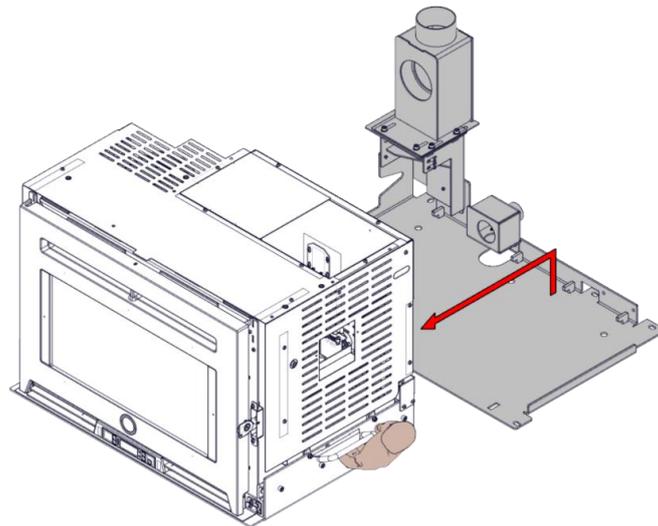
3) Lift and pull outwards, so that the catch under the insert comes out of the slots on the plate



4) Put the insert back in place by sliding it onto the guides

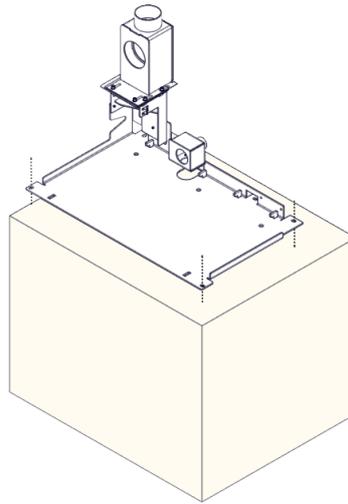


5) Open the door and screw in the safety pin

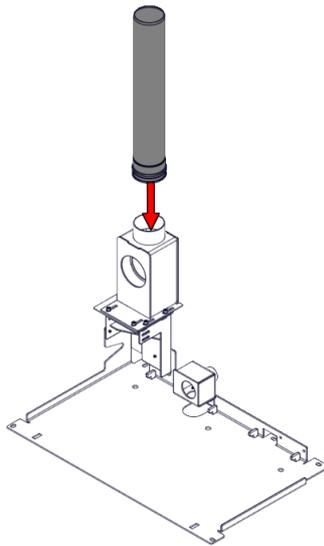


6) Lift the insert using the two handles

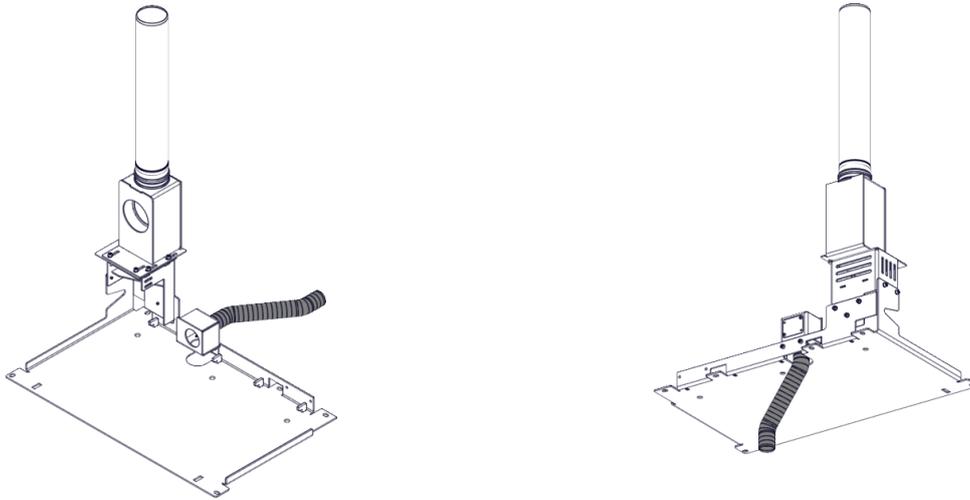
- Secure the base plate to the base by means of the holes on the perimeter of the plate



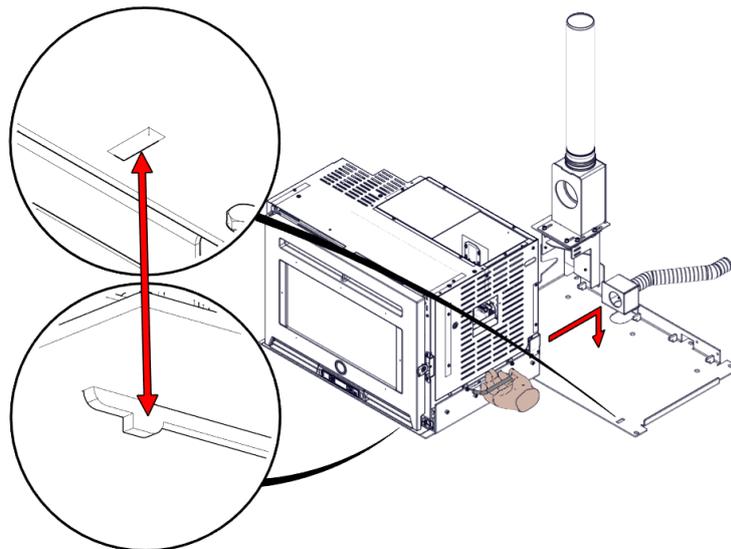
- Fit the flue pipe (not supplied) on the smoke duct



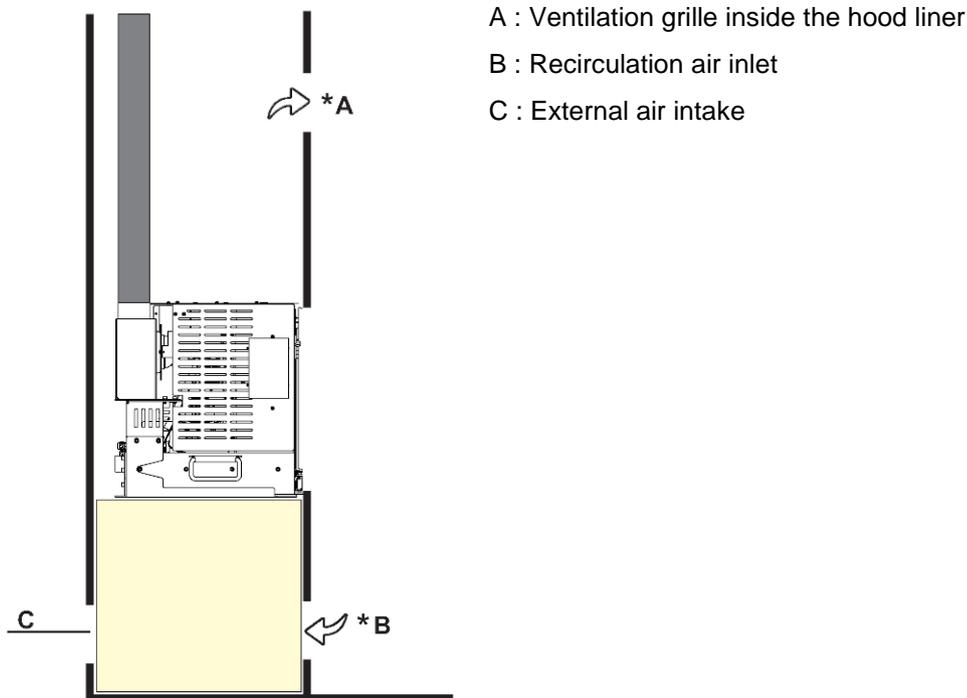
- Fit the \varnothing 40 mm pipe (not supplied) on the primary air duct. It can also be installed from under the base plate



- Reposition the insert by sliding it onto the base plate as far as it will go (the insert must fit into the two slots) at the front of the base plate, making sure that the power cable is not crushed between the two plates.



8.16. Compensation vents



It is necessary to install: one below and one above the firebox opening.
 They are NOT supplied with the product.

* It is mandatory to provide two compensation vents (largest surface area of at least 60 x7 or even better 100 cm²), one under the insert and one positioned at least 50 cm above the insert or in any case communicating with the internal compartment where the insert is placed.

These grilles prevent heat from building up inside, which is then recovered to help heat the installation room



The drawings are only indicative but not always refer to a specific model

8.17. Coatings, hood liners and their vents

Only coat the product after:

- Checking that the product is level.
- Connecting the product to the flue gas outlet and air intake
- Checking the product when hot

The installer must follow all the rules of proper installation and take all precautions against overheating and fire, in particular:

- When building a possible plinth under the base, a suitable gap must be provided for the passage of recirculation air from the room;
- The wooden parts must be protected with fireproof panels, not placed directly on them but at least 1 cm away from them, to allow an air flow which prevents heat from building up.

It is a good idea to ventilate the inside of the hood liner by exploiting the air flow that enters from below, which, by connective motion, will exit from the grille at the top, allowing for heat recovery and preventing excessive overheating; we recommend as on the previous page.

In addition to the above, take into account the regulations in force in each country concerning “insulation, finishes, coatings and safety recommendations”.

	<p>Check the operation of the product before coating it.</p> <p>This check must be performed with the product switched on and running for a few hours, before installing the cladding, in order to be able to intervene if necessary.</p> <p>Consequently, finishing operations, such as the construction of the hood liner, the installation of the cladding, the execution of half pilasters, painting, etc., must be performed once the test has been successfully completed.</p> <p>Edilkamin shall not be held responsible for any costs deriving from demolition and reconstruction work, even if resulting from the replacement of any faulty parts of the insert.</p>
-------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

9. FUEL: WOOD PELLETS

USER/INSTALLER

Use class A1 wood pellets in accordance with Standard UNI EN ISO 17225-2 or similar local regulations that provide for the following characteristics.

diameter 6 mm;

length 3-4 cm

moisture <10 %



For the protection of the environment and for safety reasons, DO NOT burn, among other materials: plastic, painted wood, coal, bark waste.

The use of other fuels may damage the product.

DO NOT USE THE PRODUCT AS AN INCINERATOR.

9.1. Pellet storage

Pellets are hygroscopic, i.e. they absorb moisture.

It is therefore necessary to store the pellets in a dry place, in their original bag, away from moisture.

Pellets should normally be at least 1.5 metres away from visible fires.

Large quantities of pellets must be stored in ventilated places, in accordance with local regulations.

10. INSTRUCTIONS FOR USE

USER/INSTALLER



The use of fuel other than the recommended pellets may cause damage to the product



Be careful not to touch the smoke exhaust pipe if hot.



Expansion

Like all products, it heats up and cools down during the various phases. This results in normal expansion.

This expansion may result in slight noises which are not a cause for complaint.



Smells

During the first start-ups, you may smell paint, but the smell will disappear in a short time. Start the product in a well-ventilated room the first times it is used.



The product can be operated only after assembling the covers.

Power up the product only after completing its assembly and the covers have been fitted. Otherwise there is a risk of accessible live parts.

10.1. Training before use



The technician is responsible for teaching the customer how to use and perform maintenance on the product.

In particular, to use it in the best way possible, we suggest discussing the following topics with the technician:

- Operation
- Fuel
- Ignition
- What to do in the event of problems
- Use suitable for installation conditions



Do not make changes to the installation conditions on your own initiative (including air intakes)

10.2. Loading pellets into the hopper

For the operation of the product, it is necessary to purchase one of the following kits

- Front drawer loading kit
- Hatch loading kit with chute



It is not possible to use the product without installing one of the pellet loading kits

11. INTERFACE AND OPERATING MODES

USER/INSTALLER

11.1. Operating modes

MODE	SETTABLE PARAMETERS
Automatic	Desired room temperature
Manual	Desired power
	Ventilation level

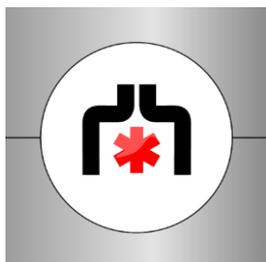
The product also has the following additional features

FUNCTION	THAT CAN BE ACTIVATED	ACTION
Stand-By	Automatic	The product turns on/off according to the temperature
Chrono prog.	Dedicated key	The product turns on/off according to the times and temperatures set

	Relax not activable on this product
------------------------------------------------------------------------------------	--------------------------------------------

	<p>By default, the product operates in manual mode.</p> <p>For automatic mode, it is necessary to connect and set up the room temperature probe (supplied) or a room temperature thermostat</p>
-------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

11.2. Interface



App Logo



APP SmartEK63

The product can be managed alternatively through

- PANEL WITH DISPLAY: standard supply, for the basic functions
- APP: to be downloaded to a smartphone

	<p>The minimum system requirements to use the SmartEK63 App on mobile devices are the following:</p> <ul style="list-style-type: none"> -Operating System iOS 14 or higher or Android 9.0 or higher. -On iPhone 6S, 7 and 8, the “zoom” function of the display cannot be used. <p>Moreover, we would like to inform you that HUAWEI devices (and associated brands, such as: HONOR), are not compatible with the SmartEK63 App.</p> <p>This information may be subject to changes or updates: always refer to www.edilkamin.com</p>
-------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

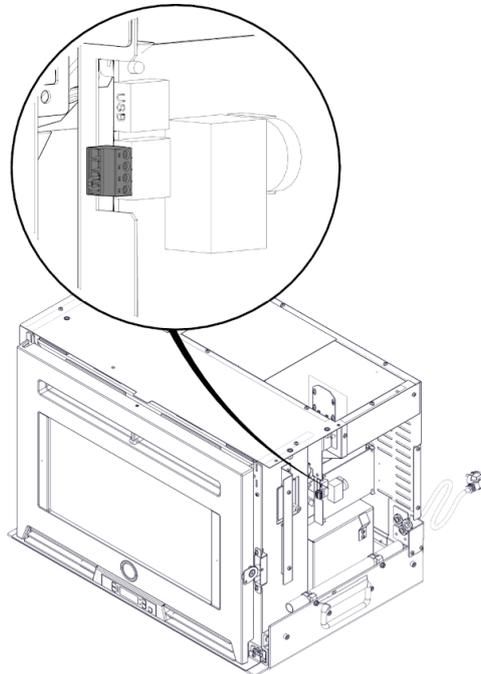
	<p>Visibility is guaranteed with display with 9;19.5 screen or similar</p> <p>On the display with 9:16 screen (ex. iPhone 8) do not use the screen zoom function</p>
-------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	<p>Tutorial at www.edilkamin.com</p> <p>Scan the QR code to see</p> <p>https://ek-63.com/en/tutorial-videos-smartek63-app/</p>
-------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

12. CONNECTION WITH THERMOSTATS/ PROBES OPTIONAL

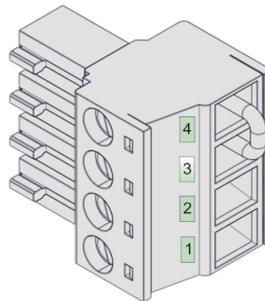
USER/INSTALLER

There is a connector on the product (accessible from the right-hand side by removing the protective panel, with the electrical power supply disconnected and only by authorised technicians) to connect probes and thermostats.



INSTALLER

- Pin 1-2 = room temp. input= probe or thermostat
- Pin 3-4 = remote On- Off= commercial telephone combiner...



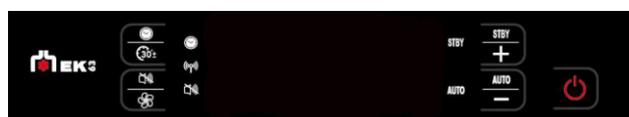
	<p>By default, the product operates in manual mode. For automatic mode, it is necessary to connect and set up the room temperature probe (supplied) or a room temperature thermostat</p>
	<p>If the room temperature probe is connected, change the dedicated function in the installer settings (F02)</p>
	<p>The connections must be performed by qualified personnel, with the power disconnected</p>

13. PANEL USE INSTRUCTIONS

USER/INSTALLER

13.1. Possible actions from the panel

- Switch the product On/Off
- Set the Room Temp. Set (Automatic) or the Power (Manual)
- Set the ventilation level among the 3 possible:
- Set the easy-timer function that allows delayed switch ON and switch OFF
- Activate/deactivate the chrono prog. - weekly time programmer
- Activate/deactivate the automatic operation mode
- Activate/Deactivate the stand-by function (Comfort Climate) that in automatic switches off the product when the room temp. set is reached
- Display/reset an Alarm
- Display the state of the product WiFi connection



Panel with all the possible symbols

According to the model

KEY	USE	SYMBOL	MEANING
	On-off		Weekly Chrono Prog. activation
	Easy timer/chrono prog.	AUTO	Automatic activation
	-/Auto		WiFi connection state
	+/Stand-by	STBY	Stand-by activation
	Ventilation/relax		Relax activation (if present)

After a few seconds the display enters in stand-by. To reactivate it press any key

The following instructions are generic and representative of the feature.
The shape of the panel may vary depending on the product

14. Possible states of the product

- OFF: the product is “deactivated” and does not generate heat.
- ON: the product is “active” and able to meet the heat request.
- ALARM: see the paragraph “Advices for eventual inconveniences”.
- ON/OFF WITH STAND-BY ACTIVE: If the product was working, it switches to minimum power and waits for the set time before switching off. If the product was being switched on, it completes the start-up phase, switches to minimum power and waits for the set time before switching off. If the product was OFF and is then switched to ON, the product goes immediately to stand-by, without carrying out the switch on.

14.1. Switch on screen

Switch on starts with a cleaning. The word “On” shows up on the display with the descending count in seconds.



Pressing the switch on key too long interrupts the switch on

Once the cleaning phase has ended the word "On" shows up on the display



Switch on requires a few minutes, during which the flame must be displayed

14.2. Screen with ON product in process

The display may show:

- Room temperature (read from the product probe)
- State of the room temperature thermostat (eventually connected)



Display of the room temperature



Display of the room temperature thermostat state



View without sonde nor thermostat

	<p>Without sonde nor thermostat manuel mode is the only chance</p>
-------------------------------------------------------------------------------------	--------------------------------------------------------------------

14.3. Switch off screen for STAND-BY



	<p>The Switch off screen for Stand-By can only be displayed in Automatic mode, after the switch off, with the Stand-By function active and in the absence of heat request.</p>
-------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

14.4. SWITCH OFF and COOLING screen

Upon the Switch off command, the display shows the word “Off” with a descending count.

	<p>During the descending count the product continues to work.</p>
-----------------------------------------------------------------------------------	--------------------------------------------------------------------------



	<p>The long pressing of the switch on key interrupts the descending count and keeps the product on.</p>
-------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------

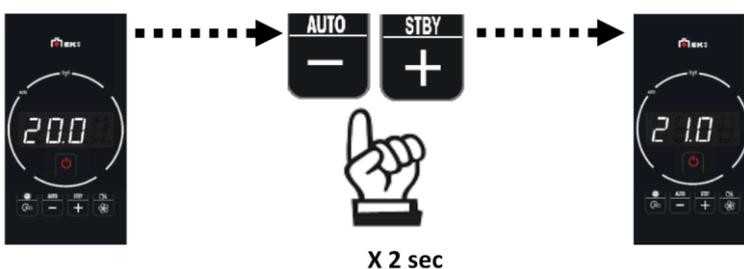
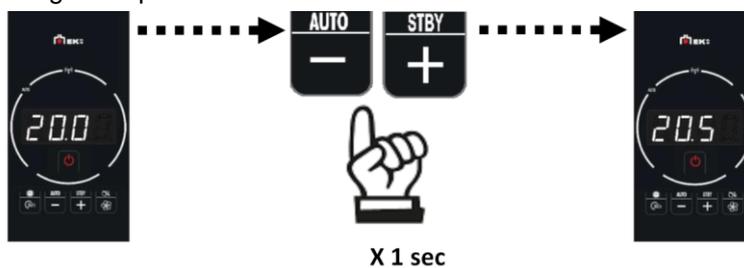
During the switch off and the cooling, the display shows the word OFF

	<p>Switching off requires a few minutes, during which the flame must switch off.</p>
-------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------

14.5. Setting of room temperature or power

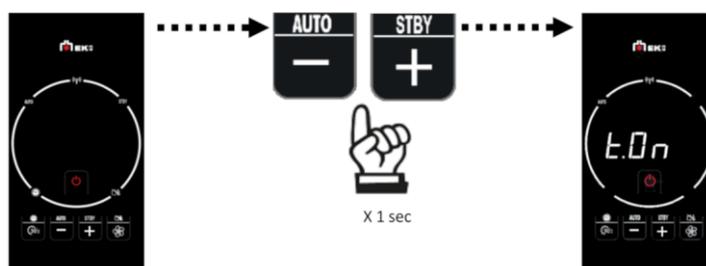
- In Automatic mode with Room Temperature Probe:

It is possible to change the target temperature



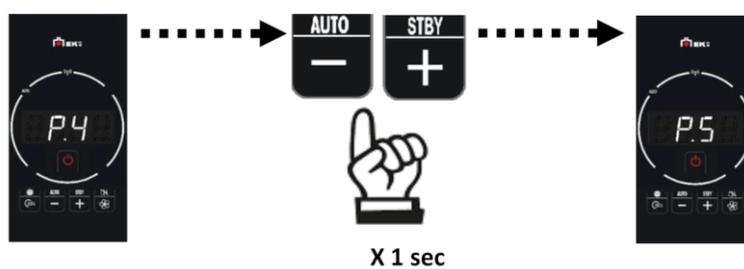
- In Automatic mode with Room Temperature Thermostat:

It is not possible to set the temperature or power



- In manual mode:

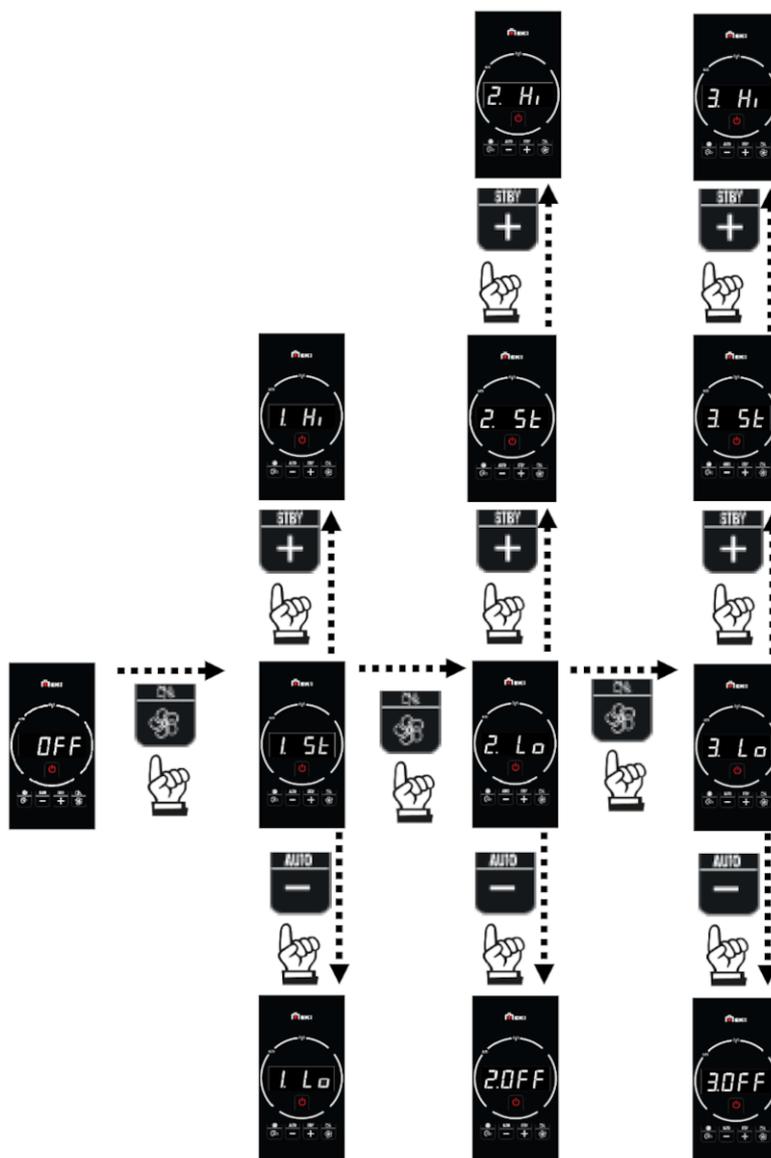
It is possible to change the product power



14.6. Ventilation

For products using air it is possible to set the ventilation level

- Front fan:
 - Low
 - Standard (default)
 - High
- Ducted fans if present:
 - Off
 - Low
 - Standard (default)
 - High



The OFF of the ducted fans corresponds to a minimum speed.

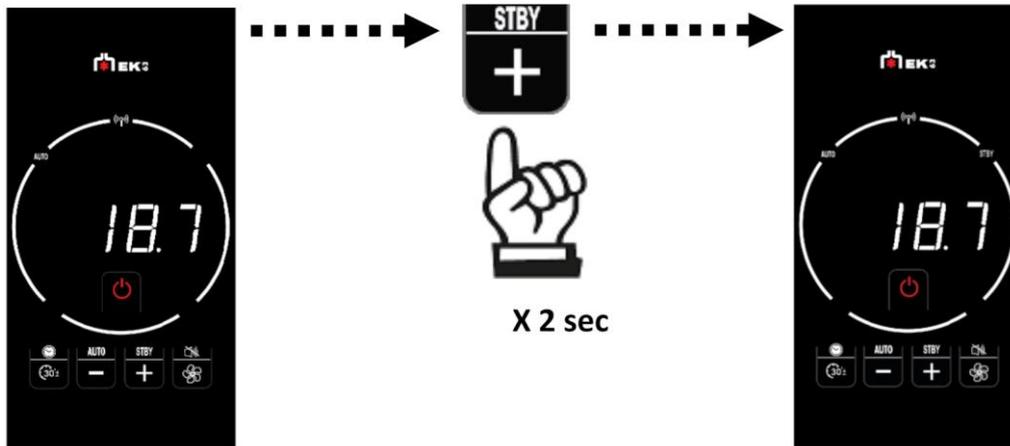
14.7. STAND-BY function

With the Stand-by function active in automatic and chrono prog. modes, when the desired temperature is reached, the product switches off and switches on again when the room temperature drops below the one desired.

With the Stand-by function not active, the product works in steps when the desired temperature is reached, down to the minimum power.

The product is programmed by default with a delta of 1 °C to ensure best comfort.

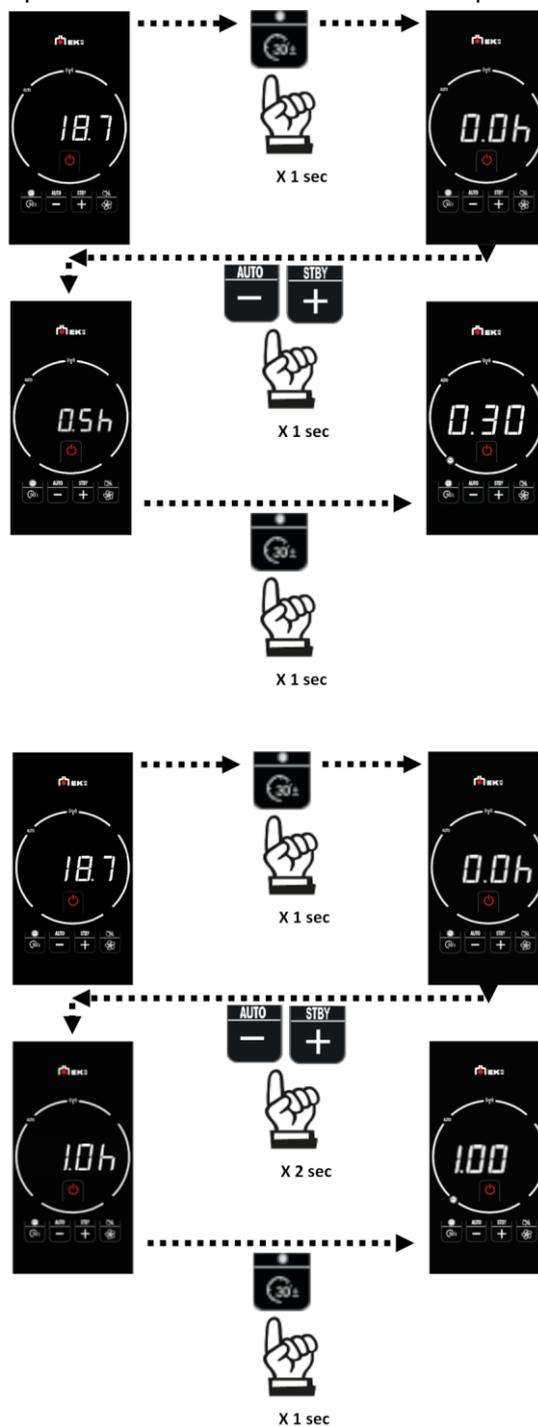
The technician may vary this setting during the first ignition to meet specific requirements.



Upon the activation of the function the dedicated led shows up on the display

14.8. EASY-TIMER function (delayed switch on and switch off)

This function switches the product on/off after a set period from activation of the function. Useful if, for example, you go to sleep and want to switch off/switch on the product after a few hours.

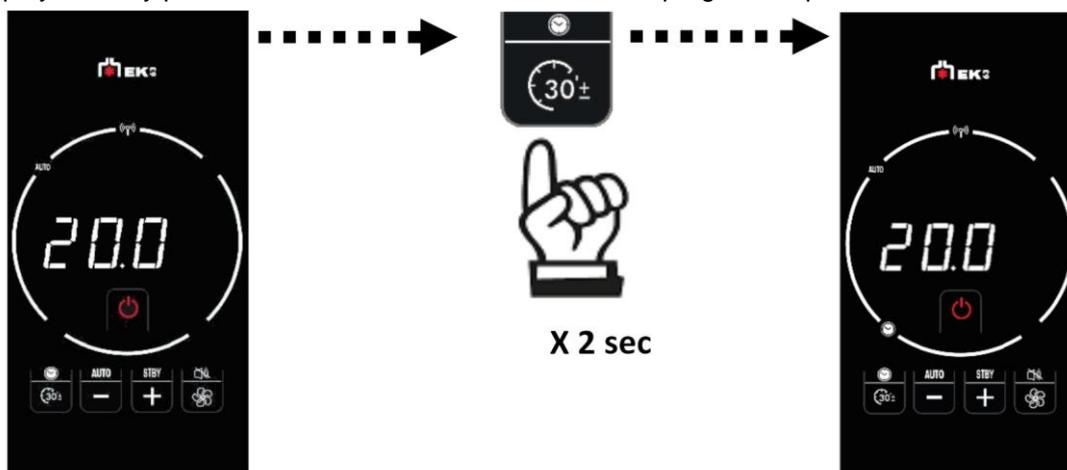


This function can only be activated if the chrono prog. function is deactivated.

14.9. Chrono prog. function

After having set times, temperatures or powers in the chrono prog. menu, if the product is in automatic mode, chrono prog. works with the room temperature, otherwise it works with power.

From the display it is only possible to activate/deactivate the chrono prog. at the pre-set times.



14.10. Pre-set times of chrono prog.

Valid after setting the date and time with the SmartEK63 App

DAY OF THE WEEK	SWITCH ON	SWITCH OFF	SWITCH ON	SWITCH OFF
Monday	06:00	08:00	18:00	22:00
Tuesday	06:00	08:00	18:00	22:00
Wednesday	06:00	08:00	18:00	22:00
Thursday	06:00	08:00	18:00	22:00
Friday	06:00	08:00	18:00	22:00
Saturday	08:00	12:00	16:00	22:00
Sunday	08:00	12:00	16:00	22:00

 **To change the times download the APP**

 **Upon the activation of the function the dedicated led shows up on the display**

 **After installation and commissioning, we recommend reviewing all daily operations and useful documents with the technician. In particular: use of the display, pellet loading, maintenance, what to do in case of problems.**

15. MAINTENANCE

USER/INSTALLER

Before performing any maintenance operation, disconnect the product from the mains power supply.

A lack of maintenance prevents the product from operating smoothly.
Any problems due to a lack of maintenance will invalidate the warranty.



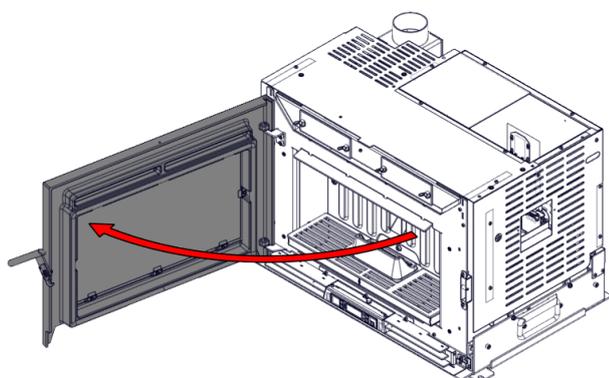
The characters of the safety information are larger according to the standards

15.1. Daily maintenance

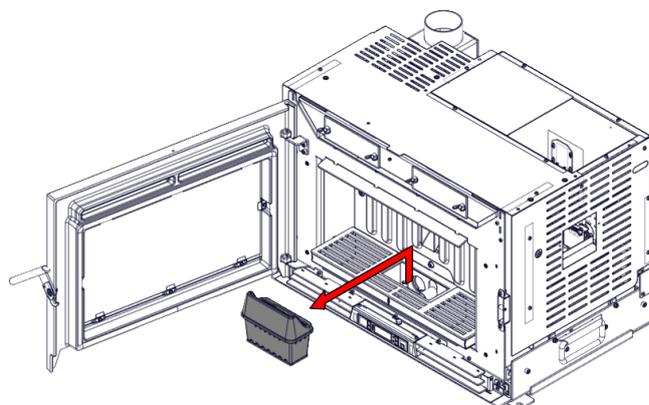
Operations to be performed, with the product switched off, cold and preferably disconnected from the mains.

A suitable vacuum cleaner is required.

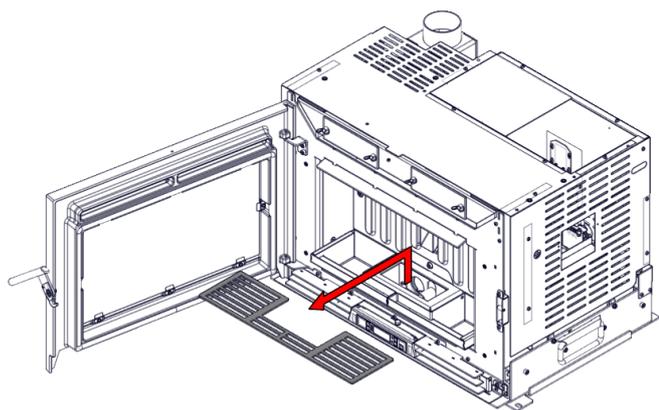
The entire procedure takes a few minutes.



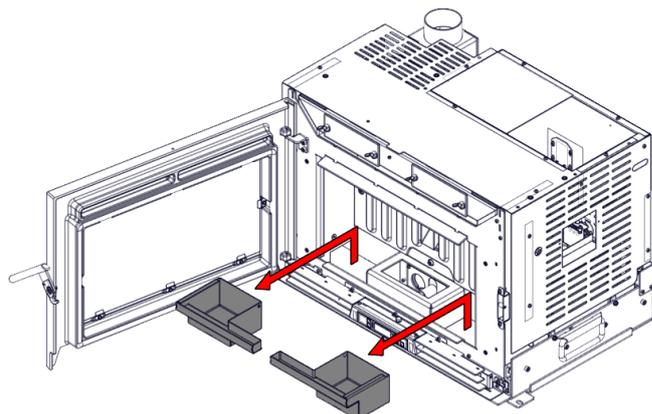
1) Open the door



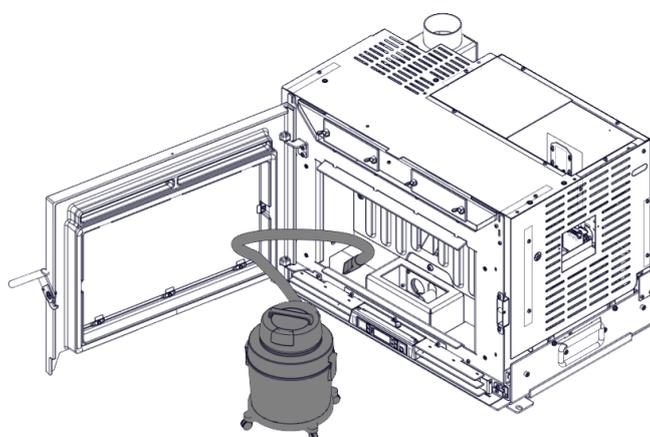
2) Remove and clean the crucible, using a spatula if necessary



3) Remove the protection grille



4) Remove the contents of the ash drawers



5) Vacuum the inside of the firebox and the compartment where the ash falls



The ash may contain parts that are still hot and/or embers



Make sure that the ash drawer is put securely back in place, otherwise the glass may break by hitting against it.

Make sure that the crucible is securely in place after maintenance, otherwise the product may have ignition problems.



Do not discharge any cleaning residues into the pellet hopper.



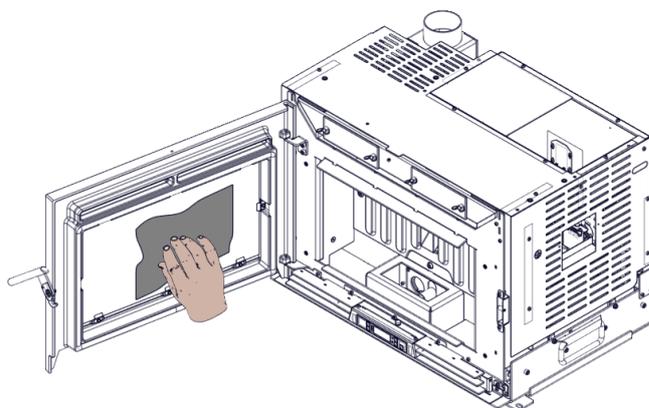
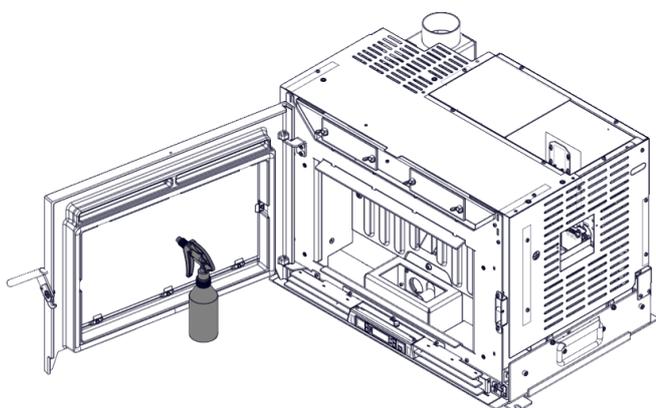
Using the product without having cleaned the burning pot can cause the gases inside the combustion chamber to ignite suddenly, resulting in detonation/breakage of the glass.

15.1.1. Cleaning the glass

Clean the glass only when it is cold. Use a dry brush and, if necessary, a specific detergent: spray a little detergent on the glass and clean with a cloth. There are specific products that can be used to clean the glass.

Make sure that there are no abrasive elements in the ash that could damage the glass.

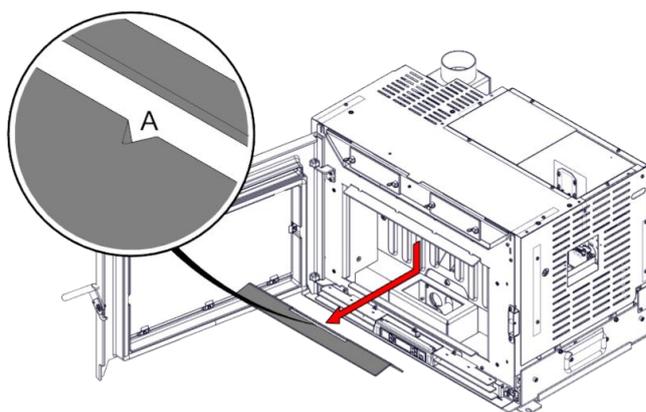
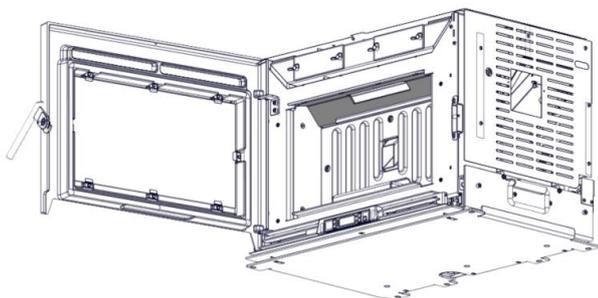
	<p>Do not spray the cleaning product onto the painted parts or on the door gaskets.</p>
-----------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------



15.2. Periodic maintenance

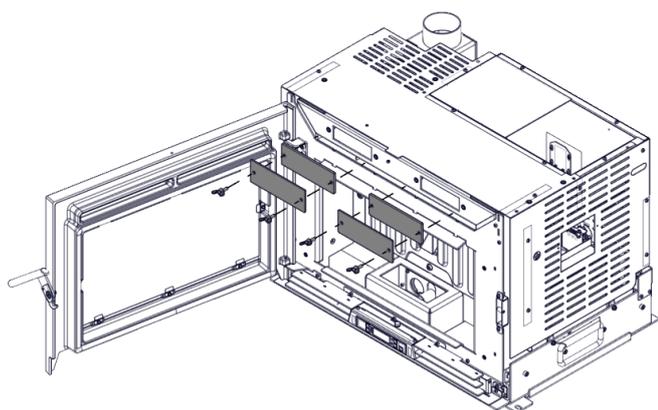
USER/INSTALLER

The frequency of periodic maintenance depends on use, in agreement with the technician.

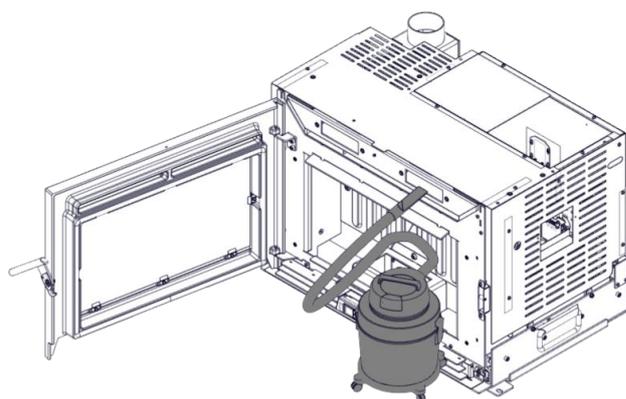


1) Remove the deflector

	<p>Put the deflector back in place with the arrow (A) pointing outwards</p>
-------------------------------------------------------------------------------------	------------------------------------------------------------------------------------



2) Unscrew and remove the inspection



3) Vacuum the compartments



If not performed correctly, the operation of the product may be compromised



The drawings are only indicative but not always refer to a specific model

15.3. Seasonal maintenance

USER/INSTALLER

	<p>Seasonal maintenance is performed by the technical service centre, in accordance with local and national regulations. The technician can find instructions on the website.</p>
-----------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

It consists of general internal and external cleaning.

Remember that seasonal maintenance by a qualified technician, and according to national and local regulations, is necessary.

	<p>In the case of very frequent use of the product, it is advisable to clean the smoke flue and duct every 3 months.</p> <p>In any case, clean the chimney system at least once a year (check whether there are regulations in your country).</p> <p>Periodically empty any TEE placed on the chimney system by the installer</p>
-----------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	<p>We recommend that you DO NOT use compressed air to clean the combustion air inlet pipe</p>
-----------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------

	<p>If regular inspections and cleaning are not carried out, there will be an increased risk of fire in the chimney.</p>
-------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

15.4. Repairs

To be carried out only by licensed Edilkamin retailers/technical service centres. The names of the contracted and licensed Edilkamin technical service centres and retailers are available ONLY on www.edilkamin.com.

15.5. Summer break

During the period of non-use, leave all doors, hatches and covers of the product closed.

We recommend removing any pellets from the hopper.

In particularly humid areas, consider disconnecting the air inlet and the smoke fitting, and insert a suitable product in the combustion chamber to absorb the moisture (e.g. dehydrating salt bags, antioxidant tablets).

15.6. Spare parts

- For any spare parts, contact the retailer or the technician.
- Have any repairs carried out only by licensed Edilkamin retailers/technical service centres.
- The names of the contracted and licensed Edilkamin technical service centres and retailers are available ONLY on www.edilkamin.com.
- The use of non-original components causes risks to the product and relieves Edilkamin from any liability for any resulting damage. It also invalidates the warranty, as it is considered tampering.
- Any unauthorised modifications are prohibited.

16. DISPOSAL

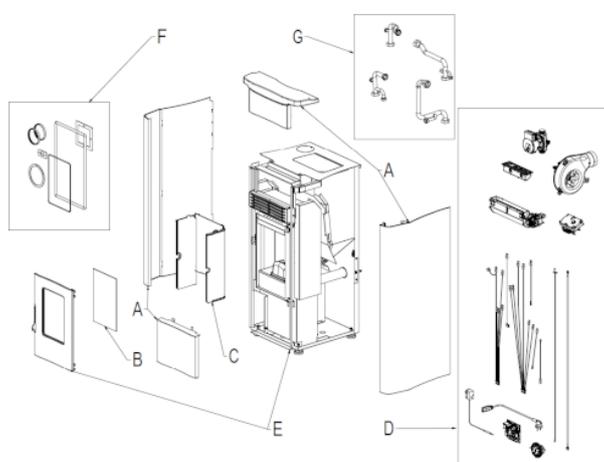
At the end of its service life, dispose of the product in accordance with current regulations.

16.1. Warnings for the correct disposal of the product

The demolition and disposal of the product are the sole responsibility of the owner who will have to act in compliance with the applicable laws in their country on safety, respect and protection of the environment.

	<p>Do not dispose of with municipal waste.</p> <p>Do not throw it away.</p>
-----------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------

16.2. Disposal of the components of the appliance at the end of its service life



The drawings are indicative

The following table lists the components of the appliance and the indications for correct separation and disposal. In particular, the electrical and electronic components must be separated and disposed of at the centres authorised for this activity, according to the WEEE directive 2012/19/EU.

<p>A. EXTERNAL COVERS</p> <p>If present, dispose of it separately according to the material it is made of:</p> <ul style="list-style-type: none"> • Metal • Glass • Tiles or ceramics • Stone 	<p>C. INTERNAL LINING</p> <p>If present, dispose of it separately according to the material it is made of:</p> <ul style="list-style-type: none"> • Metal • Refractory materials • Insulating panels • Vermiculite • Insulating panels, vermiculite and refractory materials coming into contact with the flame or the exhaust gases (dispose of in mixed waste)
<p>B. GLASS AND DOORS</p> <p>If present, dispose of it separately according to the material it is made of:</p>	<p>D. ELECTRICAL AND ELECTRONIC COMPONENTS</p> <p>If present, dispose of it separately according to the material it is made of:</p>

<ul style="list-style-type: none"> • Ceramic glass (fire door): dispose of in inert or mixed waste • Tempered glass (oven door): dispose of in glass 	<ul style="list-style-type: none"> • Wiring, motors, fans, pumps, display, sensors, spark plug, electronic boards. <p>Dispose of separately at authorised centres, as indicated by the WEEE directive 2012/19/EU</p>
<p>E. METAL STRUCTURE</p> <p>Dispose of separately in metal</p>	<p>G. HYDRAULIC COMPONENTS</p> <p>Pipes, fittings, expansion tank, valves.</p> <p>If present, dispose of separately according to the material they are made of:</p> <ul style="list-style-type: none"> • Copper • Brass • Steel • Other materials
<p>F. NON-RECYCLABLE COMPONENTS.</p> <ul style="list-style-type: none"> • Gaskets • Rubber hoses • Silicone or fibre <p>Dispose of in mixed waste</p>	

16.3. WEEE

Pursuant to art. 26 of Italian Legislative Decree of 14 March 2014, no. 49 "Implementation of Directive 2012/19/EU on waste electrical and electronic equipment (WEEE)".

The crossed bin symbol on the appliance or on its packaging indicates that the product at the end of its useful life must be collected separately from other waste.

The user must therefore deliver the equipment at the end of its life to suitable recycling centres for electronic and electro-technical waste.

Adequate separate collection for subsequent recycling, treatment and environmentally compatible disposal contributes to avoiding possible negative effects on the environment and on health and encourages reuse and/or recycling of the materials of which it is composed.



17. ADVICE FOR POSSIBLE PROBLEMS

In the event of problems, the product automatically performs the shutdown operation.

The display shows the reason (see below).

To restart the product, let the switch off phase take place and see the chapter “Removing the alarm message”

17.1. Display messages



MESSAGE	PROBLEM	ACTIONS
AL02	It is shown if the motherboard does not detect the correct smoke fan speed	Contact the technician
AL03	It is shown if the thermocouple detects a smoke temperature lower than a set value, interpreting this as absence of flame	Check the absence of pallets in the tank Contact the technician
AL04	It is shown if ignition is not successful within the set time	The two cases below must be considered: The flame does NOT show up: Check the positioning and cleaning of the crucible Check the presence of pallets in the tank and in the crucible Try to ignite with a little of solid ecological igniter (contact the technician before and follow scrupulously the instructions of the igniter supplier). The operation should be considered as a test only, under the guidance of the technician.
AL06	It is shown if the electronic motherboard detects that the smoke temperature probe is broken or disconnected	Contact the technician
AL07	Switch-off due to high smoke temperature.	Check the pellet type (in case of doubt contact the technician) Contact the technician
AL08	Switch-off due to excessive temperature of the product	Check the pellet type (in case of doubt contact the technician) Contact the technician
AL09	Switch-off due to broken or blocked auger motor	Contact the technician
AL10	Switch-off due to electronic motherboard overheating.	Contact the technician

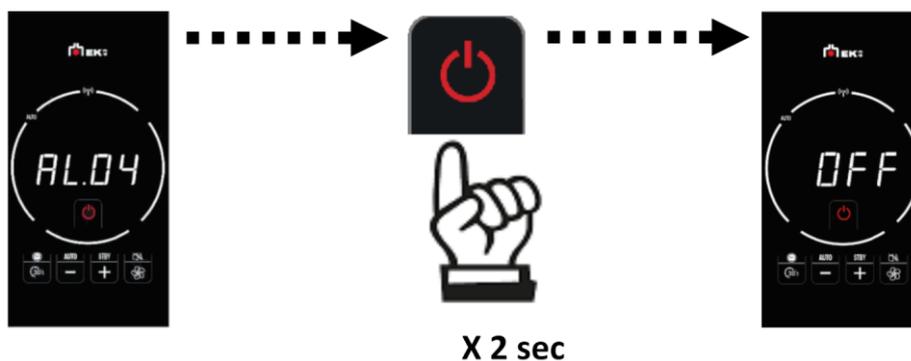
AL11	Switch-off due to tripping of the safety pressure switch.	<p>Check the cleaning of the product, of the discharge</p> <p>Check that the hopper lid has not been left open for more than one minute</p> <p>Contact the technician</p>
AL12	Room temperature probe faulty.	Contact the technician

17.2. Black-out alarm

After a black-out the product signals this with the following text

b.out

17.3. Removal of the alarm signal



	<p>To be performed only after removing the cause of the blockage and cleaning the crucible.</p> <p>The product is equipped with every safety feature, but if the crucible is not cleaned regularly as described above, the conditions for ignition to occur with a slight detonation will exist.</p>
-------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

17.4. Maintenance (message that does not cause switch-off)



After 2000 hours of operation, the word SER shows up on the display

The product works, but maintenance must be carried out by the Edilkamin qualified technician

	<p>Remember that seasonal maintenance by a qualified technician, and according to national and local regulations, is necessary.</p>
-------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------

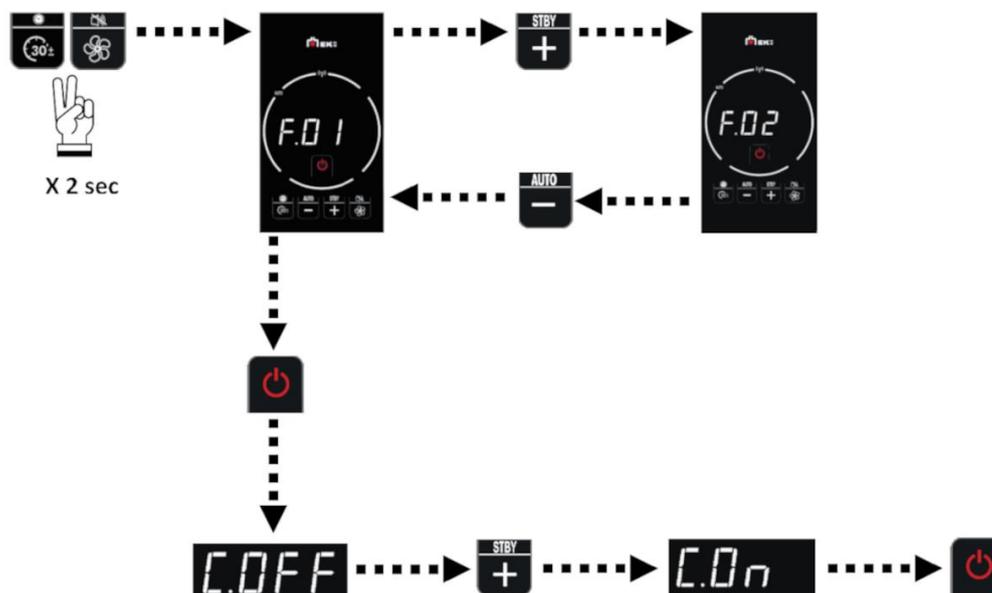
17.5. Cleaning (a signal that does not cause switch off)



While the product is carrying out the cleaning in operation, the display shows “CLn”, the product works normally but a different flame is displayed

18. SETTINGS FOR THE INSTALLER

INSTALLER



CODE	EXPLANATION
F01	Refills the auger on the first switch on or after a “end of pellet” alarm Function active and only displayed in OFF state To be explained to the end customer
F02	Possibility to choose between remote control, room temperature probe or room temperature thermostat (default is room temperature thermostat)
F03	Possibility to use the auger motor continuously or in steps (default is continuous)
F04	Negative room temp. hysteresis (default 1.0°C). Range from 0.5°C to 5°C
F05	Changes the speed of the smoke extractor. Adjustment to be made according to the vacuum in the flue and the appearance of the flame
F06	The pellet loading varies based on the quality of the pellet
F07	Allows the enabling of an acoustic signal when pressing the keys (OFF if inactive ON if active)
F08	Re-programmes the motherboard after the stick has been inserted with the firmware function active and only displayed in the states of OFF, Switch off, Cooling and Alarm
F09	Function for "Smart EK63" App. Manages Wi-Fi connections. Allows for Smartphone and product to be paired
F10	Manages Bluetooth connections PAIR - Allows for the optional remote control to be paired UnPA - Deletes all previous devices connected via Bluetooth from the memory
F11	Remote updating of the panel in manual



#iosonoilfuoco

www.edilkamin.com

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



cod. 942501-GB I 05.23/A DIGITAL
