EDILKAMIN
TECNOLOGIA DEL FUOCO

WOOD INSERTS

FIREBOX® DECO
FIREBOX® LUCE PLUS
FIREBOX® RIGA

CONTENTS

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

Hereby declares, under its sole responsibility, that:
The product mentioned below complies with EU Regulation 305/2011 and the harmonised EU standard EN 13229:2001+A1:2003+A2:2004+AC:2006+AC:2007

WOOD INSERTS, bearing the EDILKAMIN brand, known as
- FIREBOX® LUCE PLUS
- FIREBOX® RIGA
- FIREBOX® DECO

SERIAL NO.: Rating plate reference
Performance declaration: (DoP - EK No. 169):
Rating plate reference.

Dear Sir/Madam
Congratulations on choosing our product. Before you use it, please read this manual carefully, to get the best from your new appliance in total safety.

This manual is an integral part of the product. Please keep it for the entire life of the product.
If you lose it, you can request a copy or download it from www.edilkamin.com

After unpacking the product, check the condition and completeness of the contents.
In the event of error, immediately contact the retailer where the purchase was made, providing him with a copy of the warranty booklet and the sales receipt.

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

The diagrams in this manual are illustrative; they do not always refer specifically to your product and are not binding in any way.

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

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

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

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.

• 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.

TECHNICAL DATA as per EN 14785		
	FIREBOX® DECO FIREBOX® LUCE PLUS FIREBOX® RIGA	
Available power	9,6	kW
Efficiency	89,5	%
CO emissions at 13% O_2	0,09	%
Smoke temperature	141	°C
Recommended draught	12	Pa
Fuel consumption *	2,5	kg/h
Heatable volume **	250	m^3
Smoke outlet diameter (male)	200	mm
Weight with packaging	124-126/144-111	kg
Energy efficiency classes (2015-1186/1187 Regulation)	A+	

* A calorific value of 4,6 kW/Kg has been used to calculate consumption.

** The heatable volume is calculated based on the assumption of a heating demand of 33 Kcal/m^3 hour.

TECHNICAL DATA FOR SIZING THE FLUE which must in any case satisfy the requirements of this sheet and the installation instructions for the product		
	FIREBOX® DECO FIREBOX® LUCE PLUS FIREBOX® RIGA	
Smoke temperature at outlet	155	°C
Minimum draw	10	Pa
Smoke flow rate	8,2	g/s

VERSION V		
Power absorbed in stand by	33	W

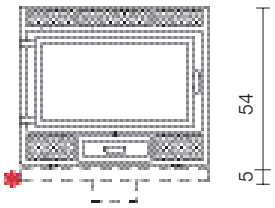
The above data is for guidance only and was measured during certification by a notified body.

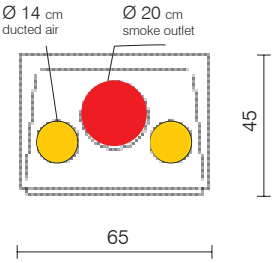
EDILKAMIN s.p.a. reserves the right to modify the product without notification in the interests of improvement.

Dimensions in cm

FIREBOX DECO

Glass dimensions 52x27,5 h cm

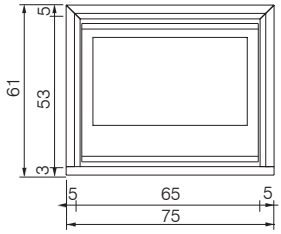


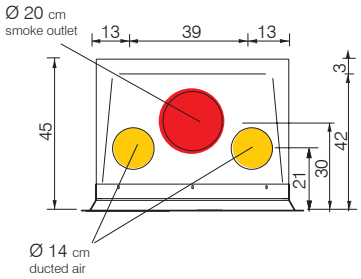


FIREBOX LUCE PLUS

Mod. 54

Glass dimensions 64,5x49 h cm

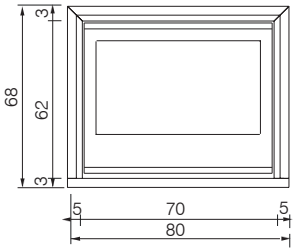


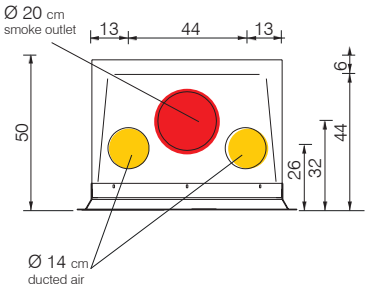


FIREBOX LUCE PLUS

Mod. 62

Glass dimensions 68,5x55,5 h cm

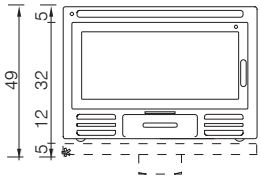


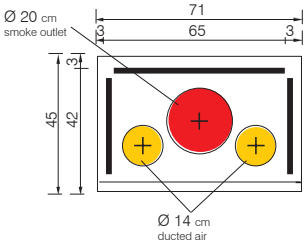


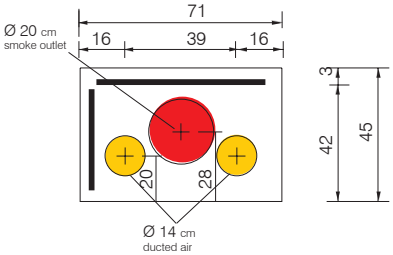
FIREBOX RIGA

Mod. 49 - frontal / one side glass, left

Glass dimensions 57,5x26,5 h cm / 57,5F x 29,5L x 26,5 h cm



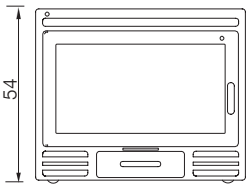


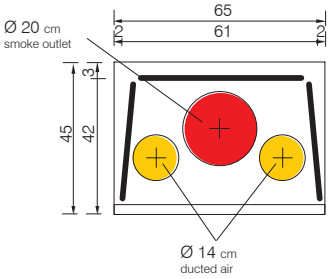


FIREBOX RIGA

Mod. 54 frontal

Glass dimensions 55x30 h cm





PREPARATION AND UNPACKING

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

Always move the stove vertically with suitable equipment and in compliance with safety regulations.
Do not turn the package over, and handle all parts requiring installation with care.

Package materials such as plastic and films my be dangerous for children.
Suffocation hazard.
Keep packages away from children.

DETACH THE PRODUCT FROM THE PALLET

Remove the product from the pallet while being careful to protect the door and its glass panel from mechanical impacts which could damage them.

PACKAGING

The packaging can provide a useful indication of the product's condition. Check the packaging on receipt and report any anomalies to the reseller straight away.
The packaging comprises a single box containing the firebox and the following items:

Description	figure	No. of	Use
R2 unions		2	for ducting, for the version without ventilation kit
Lever for opening the door		1	for hinged-type opening of the hearth door

PRODUCT HEIGHT
Be fixed on a support stand option or in a specific self-made one.

SUPPORT STAND OPTION
(fig. L)
Screw the 2 frame-fastening brackets (A) to the bottom of the Firebox® structure, using the ø 3.6 holes and the six 4.8x13 screws provided.

At the pre-cuts, cut the vertical tubes of the support frame (B) to the desired height for positioning Firebox®.

Using the pins provided, fi t the frame (B) to the brackets (A) previously fastened to Firebox ®.

Take care that the horizontal projections (C) of the frame are on the rear facing the wall.

Lock the support stand with the four 8x40 screws provided.

Position Firebox® with stand and fasten to the fl oor using the anchors and 8x70 screws provided.

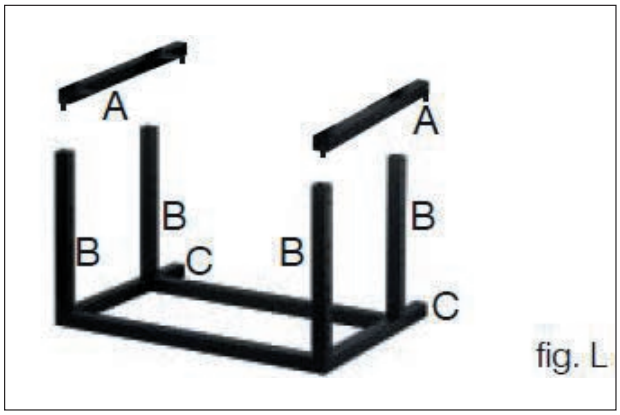
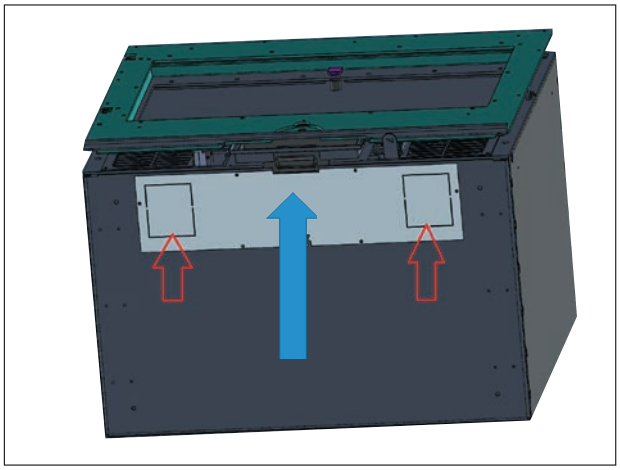


fig. L

FIXATION
Use the screws to fix the product.

Failure to follow the above instructions can cause the insert to tip over with possible serious injury to the user.

NOTE
As far as the EXTERNAL AIR INLET DEVICE is concerned (code 163750 and 163769), please remove the pre-cut shown by the red arrow
Do NOT remove metal part shown by the blue arrow for any reason.



REMARKS ON INSTALLATION

Note that:

- The appliance may only be installed by a qualified technician authorised to issue the declaration of conformity.
- The appliance must be installed and operated in compliance with local and national law and European regulations. The applicable Italian regulation is UNI 10683.
- If installed in a condominium, the appliance must be approved by the administrator.

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

The hot air can circulate naturally (natural convection) or with the aid of a ventilation system (AIR DIFFUSER KIT) to be purchased separately and applied BEFORE completing the installation process.
Contact your retailer for any further information.

Checking the suitability of the installation space

- The room must have a volume of at least 40 m^3
- The appliance may not be installed in a bedroom, bathroom or in the same room as other equipment which draws air for combustion from the room itself, or in any area with an explosive atmosphere. Any extraction fans operating in the same room or area as the product, may affect its draw.
- In Italy, check the compatibility pursuant to UNI 10683 and UNI 7129 in the presence of gas fired products.
- The floor must be able to bear the weight of the product and its accessories. If it can't, check and evaluate a solution.

Protection from heat and safe distances

All the surfaces of the building adjacent to the product must be protected against heating.
The insulation measurements to implement depend on the type of surface present.

The product must be installed in accordance with the following safety instructions:
- minimum distance of 110 cm from flammable materials along the sides.
- minimum distance of 13 cm from flammable materials along the back.
- minimum distance of 20 cm from flammable materials along the sides with glass.
- no flammable materials may be kept within 110 cm from the front of the appliance.

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 such regulations.The product must be connected to a flue system which ensures that the fumes produced by combustion are exhausted in complete safety.

Before positioning the product, the installer must check that the flue pipe is properly rated.

SMOKE CHANNEL, CHIMNEY FLUE

The smoke channel (pipe that connects the smoke outlet of the fi replace with the chimney flue inlet) and the chimney flue must, along with other legal provisions:
• receive the discharge for a single product (multiple product discharges are not permitted together)
• have a mainly vertical development
• no section should have a reserve slope
• have an inner section preferably circular and however with a ratio between sides lower than 1,5
• complete the roof with the appropriate chimney stack: direct discharge is forbidden on walls or towards closed spaces, even if outdoors
• be created with materials with a fi re reaction class A1 pursuant to UNI EN 13501 or similar national standard
• be appropriately certifi ed, with an appropriate fi replace plate, if metal
• keep the initial section

Electricity lines
There must be no electricity lines in the walls or ceiling of the fi replace installation area.

THE SMOKE CHANNEL

• if in metal must have a CE marking (EN 1856-2) or similar national law;
• cannot be in fl exible metal material
• to check the fl ow, a shutter is advised for draft over 25 Pa

THE CHIMNEY FLUE:

• must have a draft capable of creating negative pressure ideally around 12 Pa. Lower drafts can cause leaking smoke if the door is open; higher values tend to generate fast combustion by reducing the yield
• must be correctly sized to meet smoke evacuation (EN 13384-1)
• must preferably be insulated, in steel with a circular inner section. If rectangular, the inner edges must have a radius under 20 mm and a ratio between between the inner dimensions <1.5
• normally have a minimum height of 3-4 metres
• maintain a constant section
• be waterproof and thermally insulated to guarantee draft.
• preferably create a collection chamber for unburned fuel and any condensate
• beat least category T400, with an adequate resistance to soot fi relf pre-existing, it must be cleaned to avoid risk of fire.

THE CHIMNEY STACK

- must be wind-proof
- have an internal section equivalent to that of the chimney flue and passage section outlet equal to at least double the inner passage of the chimney flue
- for paired chimney flues (which should be at least 2 m apart) the chimney stack of the chimney flue receiving the product discharge with solid fuel or that of the highest fl oor must be at least 50 cm taller
- must go beyond the refl ux zone
- must enable chimney maintenance

EXTERNAL AIR INTAKE (Figs. A-B)

The connection with the outside, made with a cross-sectional area of at least 80/200 cm^2 (depending on the model) is absolutely essential, as prescribed by the standard governing installation requirements (UNI 10683).
It must, therefore, be provided.

It is made with a duct that must bring outside air directly to the adjustment mechanism (Fig. B). The regulation mechanism must be attached to the bottom of Firebox®.

During installation, carefully seal the points where the external air may leak.

The external air duct may come from behind, from below, from the side, or consist of a fl exible hose which runs directly from the outside to the mechanism vent (Fig. B).

It is advisable to apply a protection grille on the outside of the air-intake duct that does not, reduce the air-fl ow capacity.

The external air must be drawn in at floor level.
If it is not possible to do as described above, place the external air intake as near to Firebox® as possible.

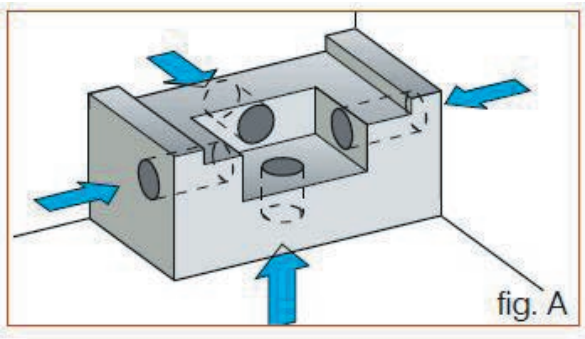


fig. A

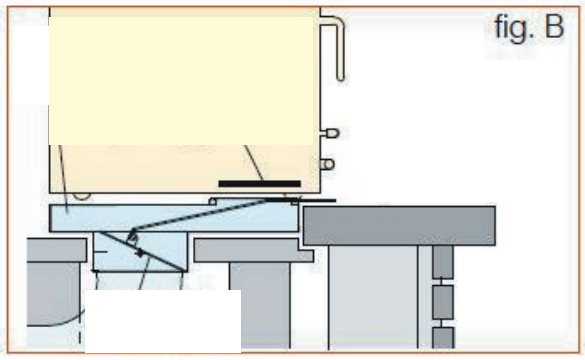


fig. B

INSTALLATION IN AN EXISTING FIREPLACE FITTED WITH EXTERNAL AIR INTAKE

(when part numbers are not specifi ed, refer to the specifi cation tables on the previous pages)

N.B.: if you do not want to alter the existing hood, the installation must be carried out without hot-air ducting (leaving the upper outlets closed).
In this case, the hot air only enters the room through the slots on the front, above the door.

a) make a pit (Fig. A), in the basement of the existing fi replace, big enough to hold the external air intake mechanism (Fig. B)
b) this pit must communicate with an external air inlet duct through a passage with cross-sectional area of at least 80-200 cm^2 (depending on the model)
c) position the mechanism (Fig. B) fl ush with the upper face of the fl oor, carefully sealing the points where outside air may leak d) make sure the damper moves correctly (Fig. B)
e) with a hose clamp Ø 16-20 cm fi t a length of at least 2 meters of stainless steel flue, with the fi tting for a Ø 16 cm flue or the fi tting for a Ø 20 cm flue (Fig. C)
f) wrap the section of steel pipe with a multilayered ceramic fi bre mat or equivalent material (Fig. C)
g) slip the section into the flue of the existing fireplace and make sure the thickness of the ceramic fi bre wrapping is suffi cient to completely fill the space between the new steel pipe and the existing flue (Fig. C)
h) place Firebox® onto the mechanism (Fig.B) checking that:
- the lower fl ange has been removed to allow the fl ow of external air;
- The defl ector is open, using the knob located at the top left on the front of Firebox®;
- a seam of high temperature mastic has been inserted where the flue attaches and on the smoke outlet collar;
i) lower the previously inserted stainless steel pipe until it fi ts into the Firebox® smoke outlet collar.

Do this by hand in the space between Firebox® and the top of the inlet to the existing chimney
l) if Firebox® is ventilated, leave a space for the fan power cord making sure it does not come into contact with hot parts
m) carefully close off the remaining space between Firebox® and the edges of the inlet to the existing chimney.
It can be closed off with a metal mantelpiece, brickwork or fi re retardant plasterboard.
Leave a slight space between the closing material and Firebox® to allow for expansion.

INSTALLATION IN AN EXISTING FIREPLACE WITHOUT EXTERNAL AIR INTAKE

Check for the possibility of making a pit inside the existing fi replace (Fig. A) by removing the fi re surface.

This pit must be big enough to hold the external air intake mechanism (Fig. A) and must be connected to the outside by a duct with cross-sectional area of Ø 80/200 cm2 (according to model) (Fig. B).

If it is not possible to do as described above, place a 80/200 cm2 external air intake as near to Firebox® as possible.

In this case, the mechanism is not used and the lower Firebox fl ange must not be removed.

Proceed with the installation as described in the previous section from point “e” onwards.

INSTALLATION WITH A NEW, SPECIALLY MADE COVERING

Position Firebox® according to the characteristics of the new covering with which it will be completed.
If the covering is produced by EdilKamin, you will fi nd instructions for correctly positioning Firebox® in the packaging.
Place the external air-intake mechanism and connect the lower inlet directly with the outside using a fl exible aluminium tube or a specially made duct; Both having a minimum cross-sectional area of 80-200 cm2 (Fig. B) (depending on model).
Place Firebox® onto the mechanism and make sure the lower fl ange has been removed to allow the fl ow of external air (Fig. B).
Connect Firebox to the flue with a Ø 16 or Ø 20 cm pipe. Complete with the chosen covering and install the kits for hot-air circulation (see following instructions).

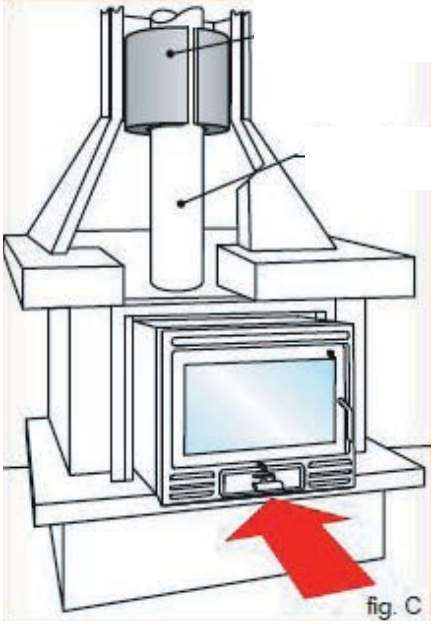


fig. C

HOT-AIR CIRCULATION AND DUCTING (FIG. D)

The air drawn from the outside through the special mechanism (A) is mixed with air drawn from the room through the lower grilles (B). The mixed air is then heated in the rear cavity and comes out into the room through the upper front grille (C).

This ensures replenishment of the air which leaves Firebox® through the flue during operation and at the same time heats the room.
Alternatively, the hot air may reach the room through an outlet connected to the holes in the upper part of Firebox® (D) with Ø 14 cm aluminium pipes.
The air circulation described above may take place naturally by convection or with the help of two fans (E) housed in the base.

If the hot air is channelled into rooms other than the one in which Firebox® is installed, it is necessary to ensure an air return to the installation room through grilles at the bottom of the walls or gaps under the doors.
The pipe diameter must not be less than 14 cm so that the air does not exceed a speed of 5 m/s, thus avoiding irritating noises or excessive load losses owing to friction.

It is important that the path of the pipes is as straight as possible.

Aluminium pipes may be hidden within the ceiling or false beams, or built into walls; in any case, they must be well insulated.

The ducting must be a maximum of 4 - 5 m long for Firebox® with natural convection and 6 - 7 m long for Firebox® with forced ventilation.
This length must be reduced by 1.2 m for each bend and for each outlet owing to load losses.

The product is supplied with two anti-corrosion discs (one on the outside and one on the inside of the combustion chamber).
They must be removed during unpacking and disposed of as normal waste.

INSTALLATION OF HOT-AIR CIRCULATION KITS

There are three kits for ducting hot air that include everything necessary for the following three cases:

KIT UNO (fig. D - E) only the fireplace room
- remove the two pre-cut plugs from the Firebox® cover by pressing inwards;
- fasten the two connectors on the holes inthe hood;
- insert the two pipes and fi x them with the clamps provided;
- attach the two outlet “B2” frames with connection pipe to the top of the mantel;
- attach the two slots “G1” to the bottom of the mantel;
- connect the two aluminium connection pipes and fasten with clamps; fi t the two front grilles and click them into place.

KIT DUE (fig. F) fireplace room, plus one adjacent room
Proceed as for kit one, fi tting one complete outlet “B1” to the top of the mantel instead of two “B2”, and an outlet “B3” to the wall of the room to be heated.
At the base of the mantel, only one slot “G1” is required.

KIT TRE (fig. G) fireplace room, plus two adjacent rooms
Proceed as for kit one, fi tting the two “B3” outlets to the walls of the rooms to heat instead of the two “B2” outlets.
This kit entails the use of a slot (G1) in the top of the mantel to allow ventilation inside the mantel itself.

NATURAL CONVECTION
This occurs when the air circulates naturally in the cavity and ducting by exploiting convection (the physical principle that causes hot air to rise).

FORCED VENTILATION (fig. H)
This is achieved with the use of two fans (17) inserted in the lower part of Firebox®, a temperature thermostat housed next to one of the two fans and a two-speed switch (18) to be placed near the fi replace.
Connecting the forced-ventilation equipment:
- connect the switch to the fans by inserting connector (M) into connector (F).
- connect the switch to the 230 VAC mains using the plug (S).

Operation of the two-speed switch:
- to start the fans, set the switch to “manual” (first or second speed as desired).
- to stop the fans set the switch to “automatic”

N.B.: in the “automatic” position, the fans operate automatically when the air temperature is above 50°C, to prevent damage from excessive heat, and then they remain off at lower temperatures.

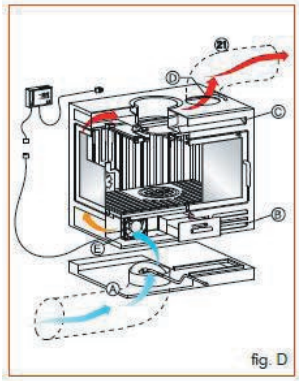


fig. D

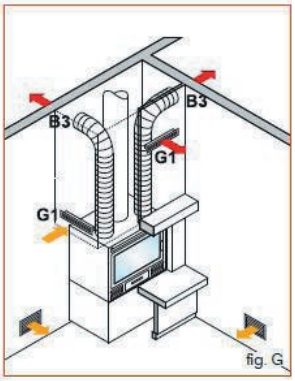


fig. G

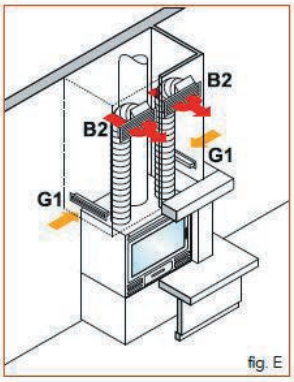


fig. E

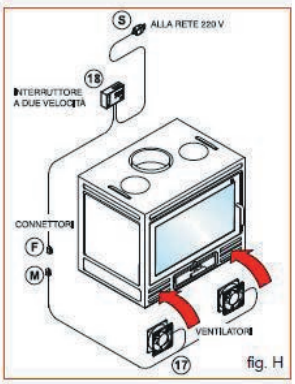


fig. H

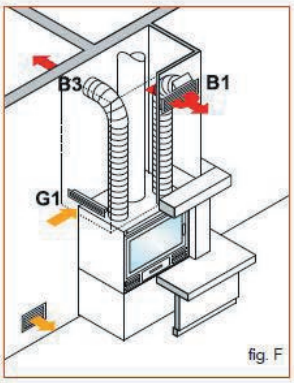


fig. F

Facings, gather hood and vents

Face the product only after having completed the following steps:

- connection of the product to the smoke outlet and air intake;
- inspection of the product when hot;
- check to verify whether the product is levelled.

The installer must implement all the installation good practices and take all the necessary precautions against overheating and fire.

In particular:

- if a plinth is constructed beneath the hearth level, it must include a suitable slot for the passage of recirculation air from the room;
- if the Air Diffuser Kit is installed, it must be possible to inspect or replace the fans;
- wooden parts must be protected with fireproof panels, which must not be placed against one another but spaced at least 1 cm apart to enable air to flow and prevent heat build-up. The gather hood can be made with fireproof panels, plasterboard or gypsum slabs; during construction, the hot air ducting kit must be mounted as described above.

The interior of the gather hood should be aerated by exploiting the flow of air coming from below (the space between the door and mantel) which convective currents will cause to exit from the grille on top, thus allowing heat recovery and preventing undue overheating.
In addition to that mentioned above, take into account the regulations in force in the relevant country concerning “insulation, finishes, facings and safety recommendations”.

Compensation vents

These MUST be installed on the front: one beneath and one above the firebox’s opening.

DESCRIPTION

The ventilation regulator for wood inserts allows speed selection of the heated air (convection) emitted from the fireplace into the environment.

Parameter	Value	Unit of measurement
Power supply	230 +/- 15%	Vac
Frequency	50/60	Hz

INSTALLATION

Only a qualified technician is authorised to carry out the installation.

Power the “Control Unit” upstream with a differential circuit breaker in accordance with legislation in the country of installation. Note for the installer.

An earth system is mandatory.

The retailer and the manufacturer are not liable in the event of improper use.

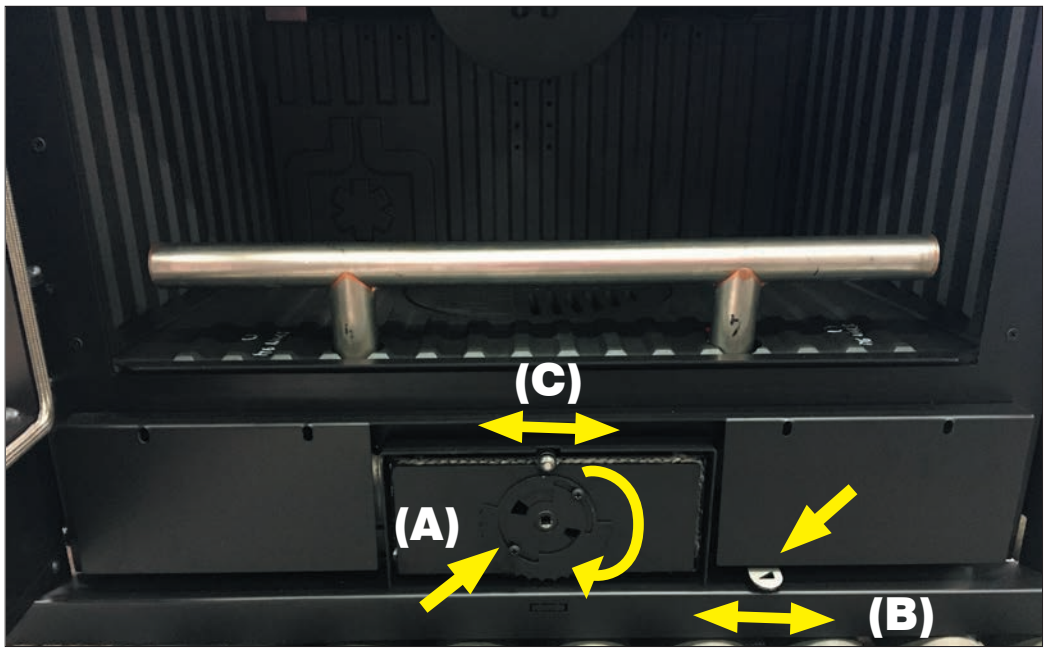
SMOKE DAMPER ADJUSTMENT:
in the event of diffi culty clearing the smoke (low draught), evacuation can be improved by adjusting the screw on the damper control rod.
By turning the screw (clockwise) and closing the door, the damper will remain slightly inclined, helping the smoke to fl ow out.

Ash tray:
during operation, it must always be completely closed; otherwise a “forge effect” is created with consequent damage to the Firebox® structure and covering components.

AIR LIMITATION:
- A “starter” (A) for ignition is provided on the product.
- adjustment lever (B).

To increase or decrease the combustion air supply to the chamber, adjust the air regulator with the provided removable lever.

Position	Description	Effect
1	Ignition / maximum power	Primary air sent entirely to the hearth
2	Intermediate position	for normal combustion
3	Ember maintenance	Post-combustion air only



FUEL

The product was designed to burn wooden logs or sawdust briquettes.
Use dry wood logs (max. humidity 20%)Use logs The use of damp wood would cause the product and the flue to get dirty, the risk of smoke and a lower yield than that declared.Each type of wood has different characteristics that also influence combustion yield.
The data outlined on this manual are with wood used during certifi cation.
In general wood can have a heat of combustion up to 4.5 kWh/kg while cut fresh it has heat of combustion around 2 kWh/kg
In general, beech or elm is recommended, or however class A1 wood according to UNI EN ISO 17225-5
Attention to prolonged use of wood with aromatic oils (e.g. eucalyptus). Cast iron parts can deteriorate
Use the recommended quantities of wood:
Overloading causes overheating, resulting in damage:
• possible deformation of the inner parts;
• possible irreversible changes to the colour of the paint on the metal parts for which Edilkamin or the retailer cannot be held liable.
To respect the environment and safety, do NOT burn, among other things: plastic, varnished wood, coal and bark waste.
Do not use the product as an incinerator.
Use of these fuels also nullifi es the guarantee.

First switch on phases

- Ensure you have read and understood the content of this manual
- Remove all the inflfl ammable parts from the product (manuals, labels, etc.). In particular remove any labels from the glass. If they melt, they would irreversibly damage the glass.

For initial switch on of the fifi replace, always use the smallest logs. Use larger wooden logs to raise the fifi re.
Always locate the wood deep in the fifi replace, almost in contact with the rear wall, so that even if they slide they won't come in contact with the glass.
There may be a slight smell of paint the fi rst few times it is ignited, however, this will disappear quickly.

Lighting a cold fifi replace

1. Check the existing ash bed is not too high. If the ash bed is too high, there is a danger of opening the door of the fifi replace to add wood and possible brazier fragments fall out of the fifi replace.
2. Position the adjustment lever of the valve in the "total opening" position . The air for combustion will flfl ow intensely to the wood in the fifi replace, to quickly reach good combustion.
3. place the wood in the fifi replace without excessively squashing it in. Position a fifi relighter between the wood logs and light. Never user materials such as petrol, alcohol and similar to switch on.
4. At this point, close the door and monitor it for a few minutes. If the fifi re should extinguish, slowly open the door, re-position another fifi relighter between the logs and light again.

Lighting a hot fireplace

When should wood be added? When the fuel is almost completely consumed to embers. With the glove supplied, slowly open (to avoid formation of vortexes that can cause smoke to exit) the door.
Add the desired wood to the fifi replace, locating it on the existing embers (within the quality limits indicated in the technical table).
Product functioning changes with the chimney flue draft and adjustment of the air valve in combustion.

Functioning with initial low draft

To extract air for combustion and discharge the smoke, the fifi replace needs a draft to be exerted on the chimney flflue.
If the draft is weak, initially light a "starter" fifi re using small sized lighting material.
Once the correct draft is restored, you can add the fuel.

As with all the products, the wood product heats and cools during the various phases. This would lead to normal dilation. Such dilation can cause slight settling noise, which is not a reason for dispute.

Use always the glove supplied to touch hot parts.

FORCED VENTILATION (FIG. H)

This is achieved with the use of two fans (17) inserted in the lower part of Firebox®, a temperature thermostat housed next to one of the two fans and a two-speed switch (18) to be placed near the fi replace.

Operation of the two-speed switch:
- to start the fans, set the switch to “manual” (first or second speed as desired).
- to stop the fans set the switch to “automatic”

N.B.: in the “automatic” position, the fans operate automatically when the air temperature is above 50°C, to prevent damage from excessive heat, and then they remain off at lower temperatures.

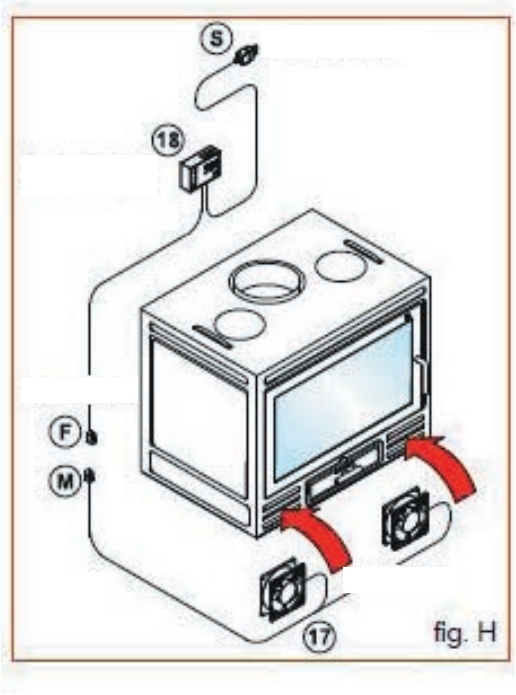


fig. H

Cleaning the glass

You can use specififi c products to clean the glass (see our Glasskamin pricelist).
Do not spray the product on painted parts or the seals of the door. An alternative to the product is a rag soaked in a bit of white ash and a piece of newspaper. Attention, ensure there are no abrasive elements in the ash that could scratch the glass.

Ceramic glass installed on the products can resist heat up to approx. 750°C and is tested and controlled before and after assembly to check for the presence of cracks, bubbles and blowing.
The glass, despite its high resistance to temperature, is however a fragile element and therefore you are advised to move the door cautiously without banging or forcing it. Glass, since it is not fl exible, can break.

Ash removal (only with the fifi replace off and cold)

Remove the ash grille and pull out the tray.
Remove the ash using a scoop or ash cleaner.
Place the removed ash exclusively in non-combustible containers; bear in mind that the residual embers may still re-ignite 24 hours after the last combustion.

Don't remove the ash when hot.
Use always the glove hot.

Cleaning the external parts

The covering must be clean without using aggressive detergents. Do not wet with cold water when the covering is hot because the thermal shock could cause damage.

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

Cleaning the chimney flue

This should be carried out before the use season and each time you note a layer of soot and tar has formed inside, a substance that is easily flammable.
Scale, in the presence of high temperatures and sparks, can catch fire with serious consequences both for the chimney flue and for the home. You are therefore advised to clean at least once a year.
Check the local regulations.

Cleaning air side.

Clean the passages to prevent from dust.

SUMMER SHUTDOWN

During the period of disuse, keep the stoves doors, hatches and lids closed.
We recommend emptying out the pellet tank.

SPARE PARTS

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

Every not allowed modification is forbidden

DISPOSAL

At the end of its service life, dispose of the product as required by regulations.
Deliver to the special recycling centres.
The remote control's exhausted batteries must also be disposed of in a regulatory manner.

If problems occur, the product shuts itself off automatically.

Problems	Action
In case of smoke leaking from the fireplace hearth	Check if: • Installation is correct (smoke channel, chimney flue, stack, air intake); • The wood used is dry; • the door was opened too quickly
In the event of uncontrolled combustion	Check if: • The door of the fireplace is closed properly.
If the glass gets dirty quickly	Check if: • The wood used is dry. However, consider that after a few hours of work, it is normal for a light layer of soot to form on the glass.
If the chimney flue catches fire or you need to suddenly extinguish the fire lighting in the fireplace	• if possible, in safe conditions, remove the ash and brazier using tools and only touch metal containers with fireproof gloves. • in the event of a fire, ask the authorities for help
ONLY FOR VENTILATION FORCED	
No power supply	• check the fuse • check the power line
No hot air	• check to verify if the product is hot. If the temperature of the product is below that of the Thermostat minimum, the fans will not operate.

If you cannot solve the problem, contact the retailer or, in countries where present, the authorised Technical Support Centre.
The guarantee is only valid if the product defect is proven.

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