



Italkero

Gas heating



Camino
balanced flue fireplace

**USER, INSTALLATION AND
TECHNICAL ASSISTANCE**



0476
CR1227

COMPLIANCE

Our equipment is conforming with:

- Regulations (UE) 2016/426 (GAR)
- Electromagnetic Compatibility Directive 2014/30/UE
- low Voltage Directive 2014/35/UE
- Regulations 2015/1186 Ecolabelling
- Regulations 2015/1186 Ecodesign
- Regulations RAEE 2019/19/UE



RANGE

FRAMELESS	70	90	130	50	50q	200
1 side insert	IN07AM M0000	IN09AM M0000	IN13AM M0000	IN05AM M0000	IN04AM M0000	IN20AM M0000
2 sided insert	IN07AT M0000	IN09AT M0000	IN13AT M0000	IN05AT M0000	IN04AT M0000	IN20AT M0000
3 sided insert WALL	-	IN09AF M0000	IN13AF M0000	-	-	-
3 sided insert PENINSULA	-	IN09AP M0000	IN13AP M0000	-	-	-
RIGHT corner insert	-	IN09AC M0D00	IN13AC M0D00	-	-	-
LEFT corner insert	-	IN09AC M0S00	IN13AC M0S00	-	-	-

Dear Technician,

Congratulations on having chosen our appliance. This unit is able to provide many years of well-being with extremely high standards of efficiency, reliability, quality and safety.

By means of this booklet, we intend providing you with all the information we consider necessary for correct and easy installation.

Thank you once again

The Manufacturer

WARRANTY

Our appliances are covered by a **SPECIFIC WARRANTY** starting on the date of validation by the Authorised After-Sales Service of your area, whose address you can find on our website or by directly contacting the manufacturer.

Please promptly contact this After-Sales Service which **FREE OF CHARGE:**

- will commission the appliance and
- validate the attached WARRANTY CERTIFICATE.
- Please read this certificate carefully.

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In same parts of the book there are used these symbols:



Attention: it used to underline particular caution or actions.



Prohibited: it used to underline the actions that don't half to be executed.

GENERAL INFORMATION

-  After removing the packaging, check the integrity and completeness of the supply and in case of any discrepancies, contact the Agency that sold the appliance.
-  The appliance must be installed by companies approved pursuant to Law. Upon completing the installation, such companies must issue a declaration of installation conformity in accordance with applicable national laws and the instructions provided by the Manufacturer in the installer's booklet attached to the product.
-  The appliance must only be used for the purpose intended by the Manufacturer and for which it has been expressly designed. The Manufacturer disclaims any contractual and non-contractual liability for injuries caused to people or animals and damage to things, due to installation errors, wrong settings, bad maintenance or improper use.
- If the appliance is not used for a long period:
 - position the master switch of the appliance on "off"
 - position the master switch of the system on "off" or disconnect the plug from the power mains (if fitted);
 - remove the batteries from the device control unit;
 - close the gas tap.
-  This booklet is an integral part of the appliance and must therefore be looked after carefully and must ALWAYS accompany the appliance, even when this is transferred to another owner or user, or else transferred to another system.
-  In case of damage or loss, ask the Technical Assistance Service of your Area Manufacturer for another copy.
-  The glass and frame act as fire-protection devices and must not therefore ever be removed from the appliance except for maintenance purposes, and never during appliance operation. The Manufacturer disclaims all liability for injuries to persons and animals and damage to things in the case of such faulty installation.
-  This appliance features a hearth with ashes and ceramic billets containing refractory ceramic fibre made up of artificial vitreous silicate fibres. When handling these materials therefore, avoid creating excess dust. Prolonged exposure to these materials can cause irritation of the eyes and skin and breathing problems. If one of the ash or billet components is replaced, always seal the removed parts in a bag and dispose of them through authorised channels.
-  Do not use the Appliance in the event of the glass being broken or with the hearth door open. This is a sealed-chamber appliance and no combustion residues must be allowed to escape or oxygen burned in the place of installation.
-  **IMPORTANT! BEFORE LIGHTING THE APPLIANCE, CAREFULLY READ ALL THE INSTRUCTIONS AND PRECAUTIONS IN THIS BOOKLET.**

FUNDAMENTAL SAFETY RULES

Please remember that the use of products involving fuels and electricity requires the enforcement of a number of fundamental safety rules such as:

-  Children and unassisted disabled persons must not use the appliance.
-  Do not start electric appliances or equipment, such as switches, household appliances etc in case of a smell of fuel or of combustion fumes.
- In this case:
- ventilate the premises by opening the doors and windows;
 - close the fuel opening/closing device;
 - immediately call the Manufacturer's After-Sales Service or professionally skilled personnel.
-  Do not touch the appliance with wet or damp parts of the body or if your feet are wet.
-  Cleaning is forbidden without first disconnecting the appliance from the power mains by turning the master switch, if fitted, to "OFF" or taking out the plug.
-  Do not pull, disconnect or twist the power cables exiting from the appliance even when this is disconnected from the power mains.
- Do not place objects, such as towels, rags, etc., on the appliance which could cause malfunctions or prove to be a hazard.
-  Never leave packaging material (cartons, plastic bags, etc.) within reach of children as this could be a potential hazard source.

DESCRIPTION OF THE APPLIANCE

Independent gas appliances for heating environments. They feature an atmospheric burner with combustion chamber TYPE C11 and C31, sealed with respect to the installation premises, utmost guarantee of safety because no exhaust or fuel fumes enter the premises.

The suction of the combustion air and discharge of combustion products occurs outside the installation premises. In view of their small size, they can be installed in very compact spaces and ensure a greater well-being of the heated environment.

The natural convective movement permits quick heating of the environments from when the appliance is switched on. This type of appliance can of course be channelled for better heat distribution.

An electronic board controls all the main functions of the appliance and automatically interrupts the gas supply in case of a fault.

The control panel features: appliance On/Off supply, manual or automatic start/stop, daily Timer programming, heat output setting, room temperature setting and operating condition reset after a fault.

The fume inlet and exhaust pipes including the wall terminal (type C11) or roof terminal (type C31), the bends, pipes, coaxial connector and other accessories, all Listed by the manufacturer (see INSTALLATION chapter).

 The appliances are factory set, to operate with Natural Gas, but are also available for LPG (G30/G31). This type of appliance can be transformed from Natural Gas to LPG and vice versa with replacing the burner. The gas type and pressure used for operation are shown on the technical data plate affixed to the appliance. Do not change the factory settings of the gas control unit or receiver before installation. The burner and pilot light are factory set by the Manufacturer. The fireplace must be connected to the gas type shown on the burner. Never ever connect a Natural Gas burner to the LPG supply or vice versa.

IDENTIFICATION

The appliance can be identified by means of:

- the packaging label showing the name of the product, the code, the serial number and the type of gas that can be used.

- The Technical Plate

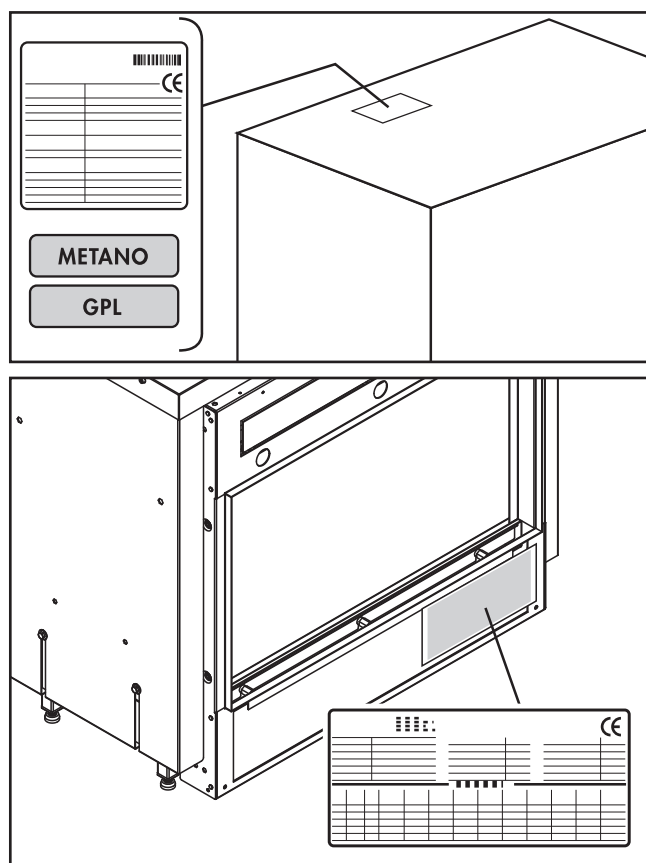
showing the serial number, the model and the main technical-performance data.

- The gas type plate

Showing the name of the gas for which the appliance has been set and regulated. If the type of gas is changed, this plate must be replaced with that of the new gas!

 Spare parts and/or technical jobs require the exact identification of the associated model of appliance.

Tampering with, removing or the absence of the Technical Plate, etc. does not allow the exact identification of the product, making any installation and maintenance job difficult.

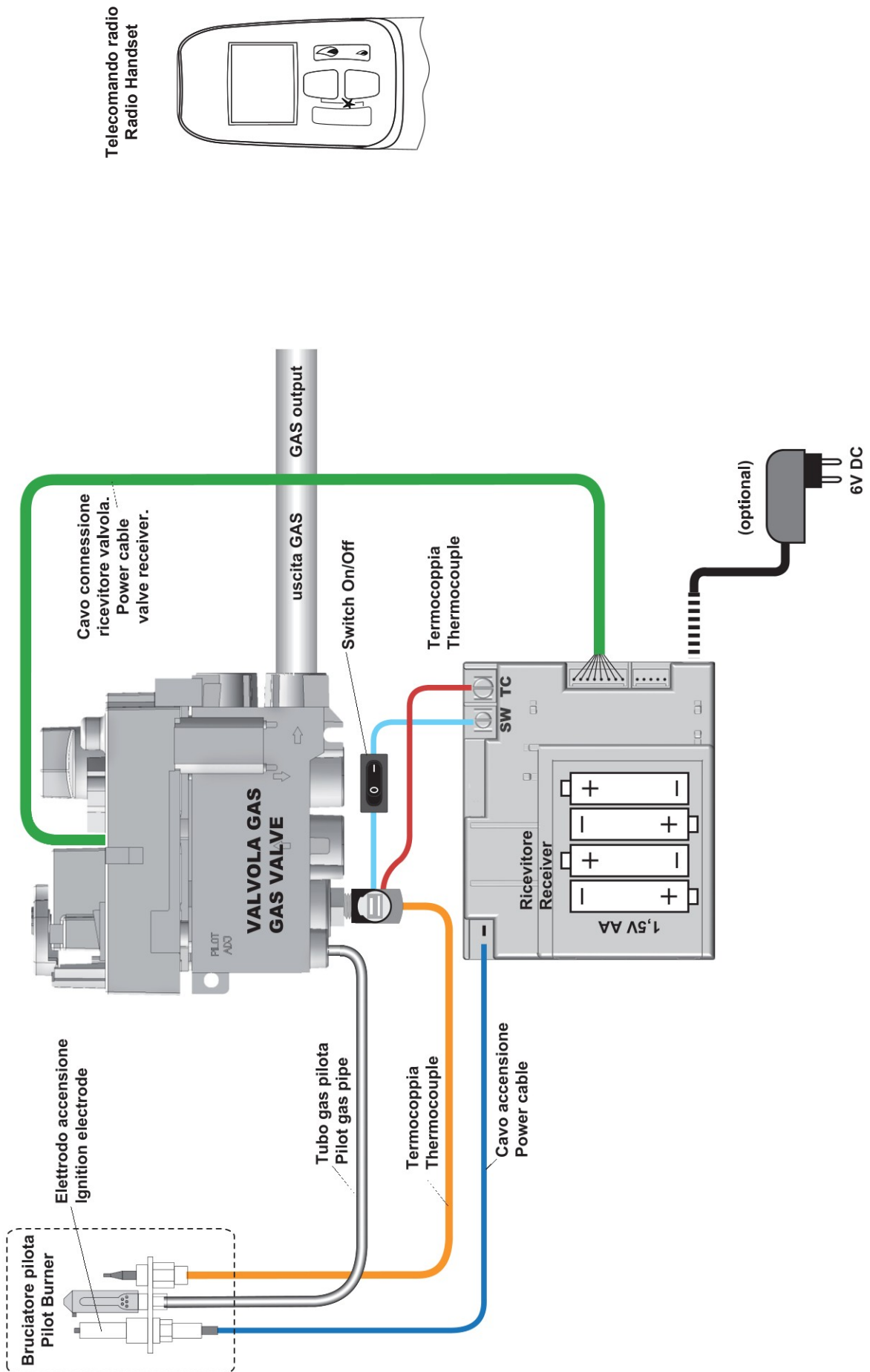


	Firenze70	Venezia90	Venezia130	Roma50	Portofino50	Venezia200	u.m.
Model 1 sided	IN07AM	IN09AM	IN13AM	IN05AM	IN04AM	IN20AM	cod.
Model tunnel	IN07AT	IN09AT	IN13AT	IN05AT	IN04AT	IN20AT	cod.
Model 3 sided wall		IN09AF	IN13AF				cod.
Model 3 sided peninsula		IN09AP	IN13AP				cod.
RIGHT corner model		IN09AC	IN13AC				cod.
LEFT corner model		IN09AC	IN13AC				cod.
Heat input max/min G20	7/3	7/2,5	10/4	8,3/3,3	3,95/1,70	13,5/7,7	kW
Heat input max/min G31	0	0	0	0	0	13/7,7	kW
Heat output Nom./Red. Pn G20	5,6/2,4	5,4/1,9	7,3/2,9	6,4/2,6	2,9/1,2	9,7/5,5	kW
Heat output Nom./Red. Pn G31						9,2/5,5	kW
Exhaust type	C11 - C31						
Efficiency level (not for 90-130F/P/C)	79,4	77,3	73,4	77,3	72,6	71,6	%
Efficiency level mod.90F-130F/C		70,7	80,4				%
Efficiency level mod.90P-130P		71,8	67,8				%
Efficiency class	2						classe
NOx (not for 90-130F/P/C)	5	5	5	4	5	5	classe
NOx 90F-130F/C			5				
NOx 90P-130P			5				
Consumption G20 Nom./Red.	0,740/0,317	0,740/0,264	1,057/0,423	0,878/0,349	0,418/0,180	1,427/0,814	m³/h
Consumption G31 Nom./Red.	0,552/0,236	0,552/0,197	0,788/0,315	0,654/0,256	0,311/0,134	1,024/0,607	Kg/h
Press. nom. supply G20/G31	20/37						mbar
Press. nom. nozzles G20/G31	12/37						mbar
Press. nom. nozzles G20/G31 Red.	2/5,7	2/6	2/6,2	2,0/6,5	2/6,9	3,3/14	mbar
Ø burner nozzle G20/G31	2,30/1,35	2,3/1,35	1,98/1,16	2,50/1,45	1,65/0,95	2,50/1,30	mm
Burner nozzle	1	1	2	1	1	2	nr.
Pilot nozzle	0,35/0,25						cod.
Power supply (optional)	230VAC / 6VCC						V
Power input	0						W
Gas connection pipe	3/8" - Ø1						Ø mm
Gas valve to burner supply pipe (max length = 1m)	8						Ø mm
Remote control battery (nr. 1)	9V PP3						tipo
Receiver battery (nr. 4)	1,5V AA						tipo
Electrical protection	IP20						
Gas category	I 2H - I 3P						
Standard flue line	150	150/200*	200	150	150	200	Ø mm
Max flue line lenght (Ø150)	see table calculation tubes						m
Max flue line lenght (Ø200)	see table calculation tubes						m

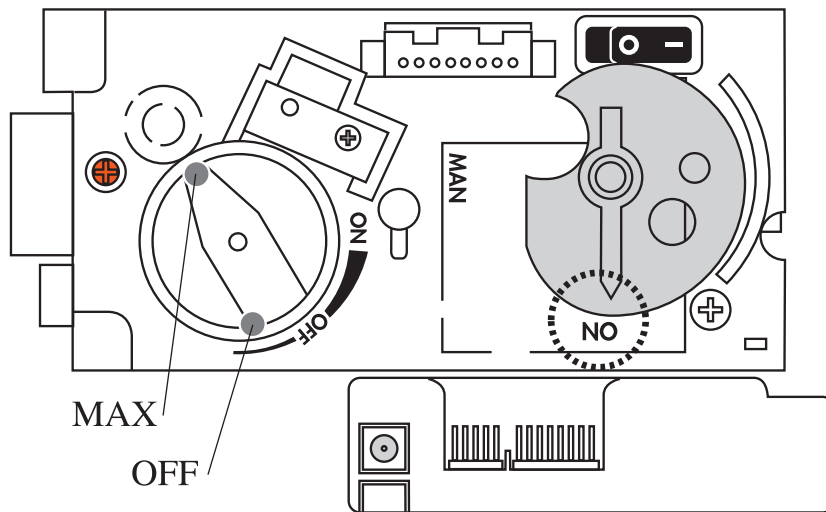
* for 90F/P/C medels

ACCESSORIES

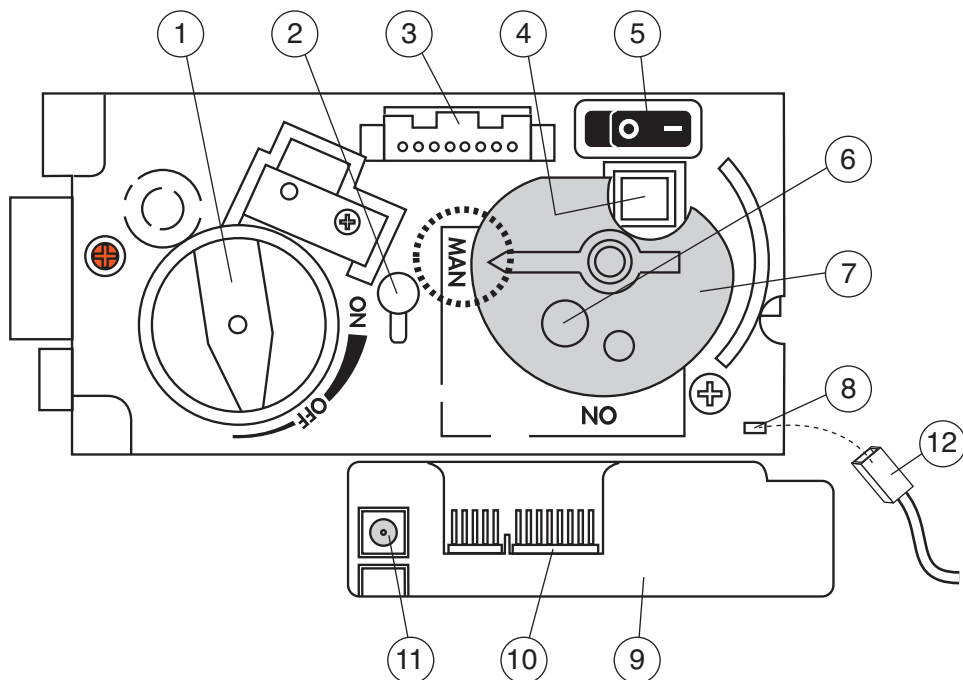
<i>DESCRIPTION</i>
Log set
River pebbles
FRAME relief (mod. 70 and 70t)
CURVE coaxial 30° (Outside = Ø150 or Ø200)
CURVE coaxial 45° (Outside = Ø150 or Ø200)
CURVE coaxial 90° (Outside = Ø150 or Ø200)
PIPE coaxial 50cm (Outside = Ø150 or Ø200)
PIPE coaxial 100cm (Outside = Ø150 or Ø200)
PIPE coaxial iTi with inspection (Outside = Ø150 or Ø200)
PIPE telescopic 35,4 - 44cm (Outside = Ø150 or Ø200)
PIPE coaxial, can be shortened 50cm (Outside = Ø150 or Ø200)
END PIECE wall exhaust 60cm (Outside = Ø150 or Ø200)
END PIECE roof exhaust 136cm (Outside = Ø150 or Ø200)
CLAMP wall fastening Ø150 or Ø200
FLANGE universal wall fastening Ø150 or Ø200
TILE inclination exit 20° - 45° Ø150 or Ø200
Intake grill or hot air outlet
Plenum for one pipe
Plenum for two pipes
Plenum for three pipes
KIT gas tap
Power supply KIT



Automatic operation position with REMOTE CONTROL



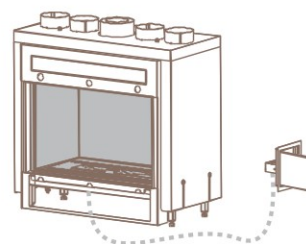
MANUAL Operation position



- 1 - Adjustment knob
- 2 - MAX gas adjustment screw
- 3 - Flame control Valve/Board connector
- 4 - Piezoelectric ignition button (emergency)
- 5 - O-1 switch
- 6 - Magnet switch for manual operation (emergency)
- 7 - Manual operation position knob
- 8 - Piezoelectric connector wire
- 9 - Flame control board
- 10 - Flame control Valve/Board connector
- 11 - Power socket - 6V DC
- 12 - Cable to be disconnected from the unit and connect on position 8

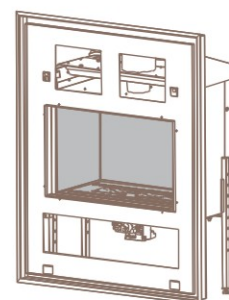
FRAMELESS model standard equipped:

- standard remote control
- adjustable feet
- couple of wall fixing brackets (1 sided insert model)
- suction cup for removing glass
- convection casing for air ducting Ø130
- remote gas valve with external door
- documents: instructions manual, Warranty and Guarantee Labels



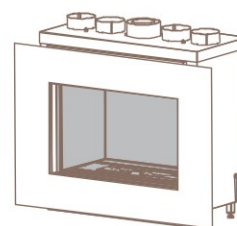
GRILL-LESS model standard equipped:

- standard remote control
- adjustable feet
- couple of wall fixing brackets (1 sided insert model)
- suction cup for removing glass
- convection casing
- removable front panel with frame for plasterboard
- aluminum profiles
- documents: instructions manual, Warranty and Guarantee Labels



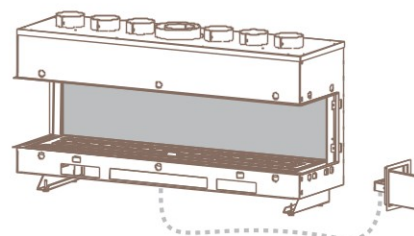
FRAME model standard equipped:

- standard remote control
- adjustable feet
- couple of wall fixing brackets (1 sided insert model)
- suction cup for removing glass
- convection casing for air ducting Ø130
- removable front frame in painted steel metallic silver color
- documents: instructions manual, Warranty and Guarantee Labels



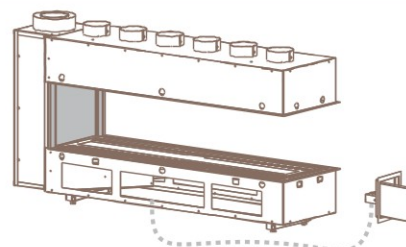
Wall 3 SIDED model standard equipped:

- standard remote control
- adjustable feet
- suction cup for removing glass
- convection casing for air ducting Ø130
- remote gas valve with external door
- documents: instructions manual, Warranty and Guarantee Labels



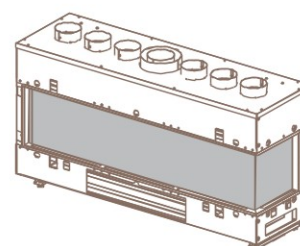
Peninsula 3 SIDED model standard equipped:

- standard remote control
- adjustable feet
- suction cup for removing glass
- convection casing for air ducting Ø130
- remote gas valve with external door
- documents: instructions manual, Warranty and Guarantee Labels



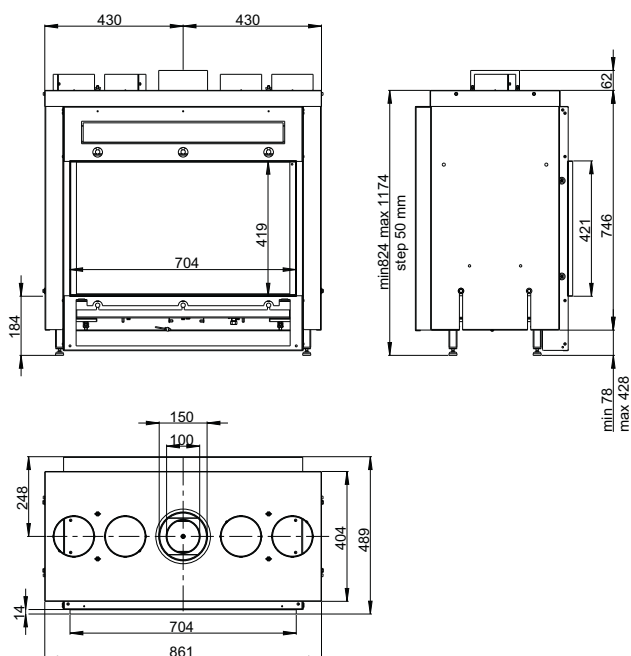
RIGHT/LEFT CORNER model standard equipped:

- standard remote control
- adjustable feet
- suction cup for removing glass
- convection casing for air ducting Ø130
- remote gas valve with external door
- documents: instructions manual, Warranty and Guarantee Labels

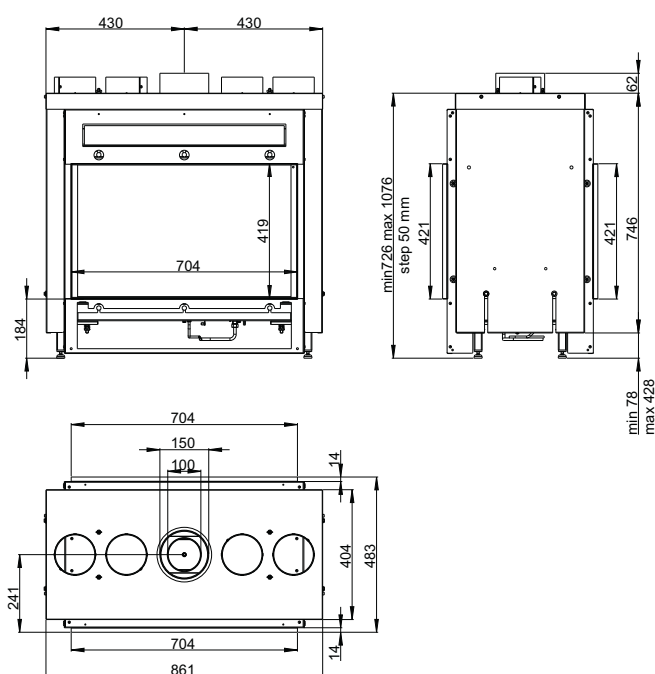


mod. 70

1 side

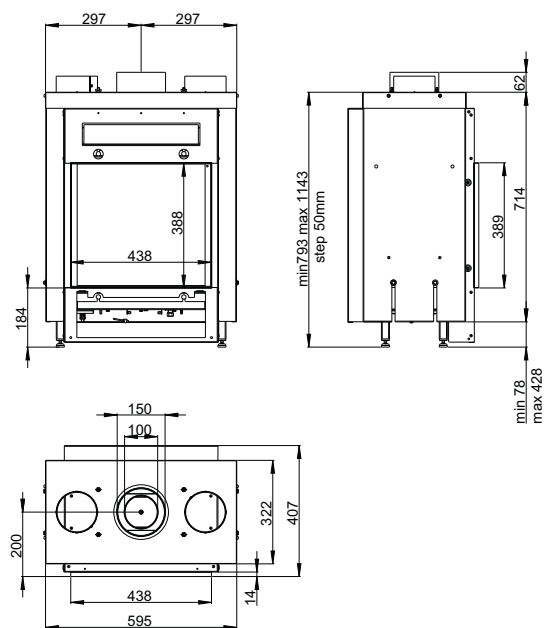


2 sided

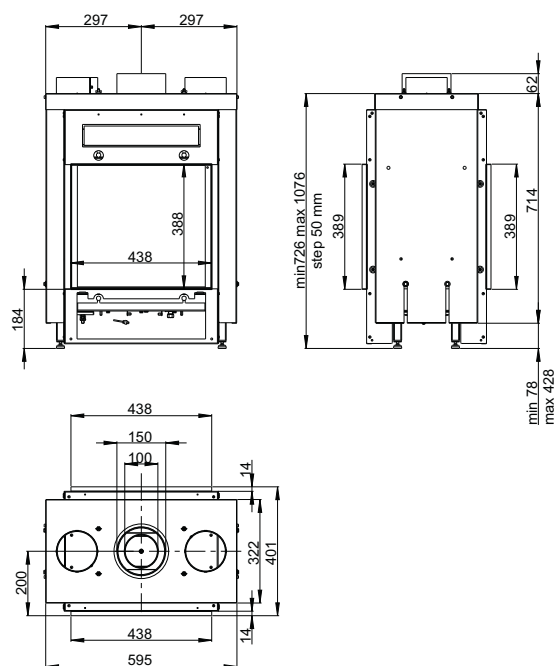


mod. 50q

1 side

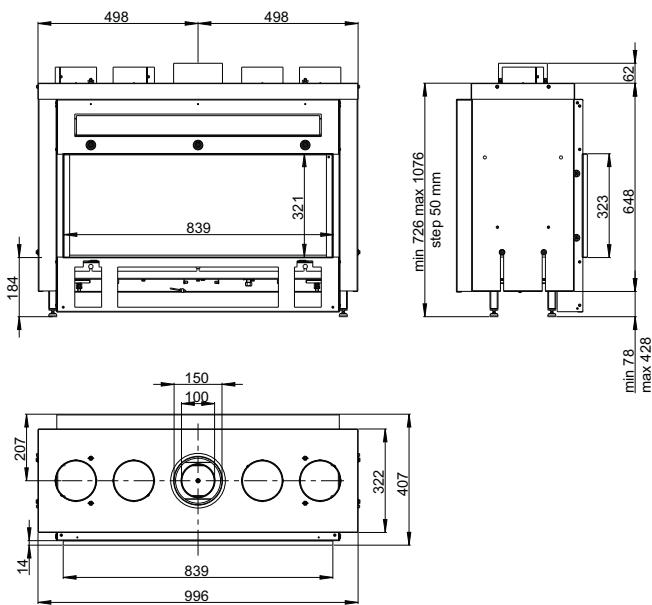


2 sided

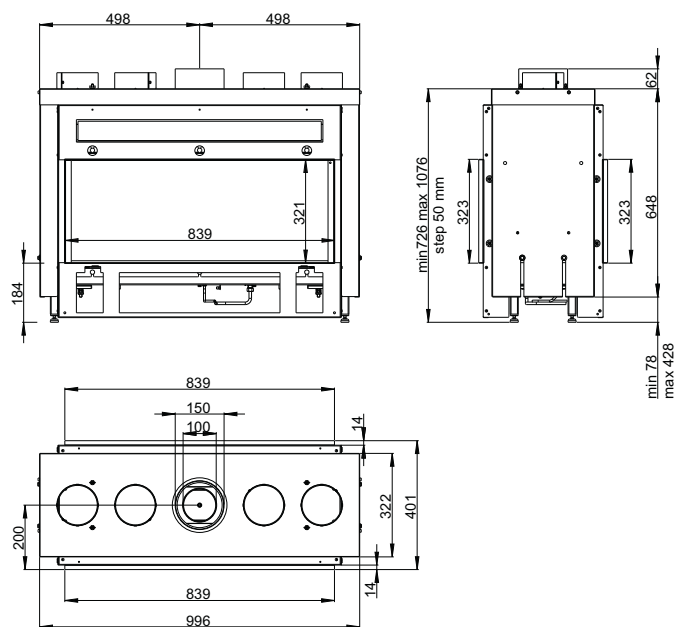


mod. 90

1 side

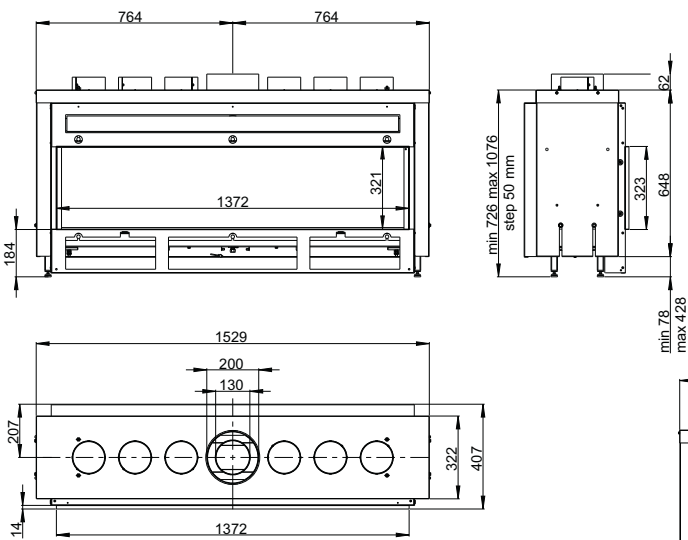


2 sided

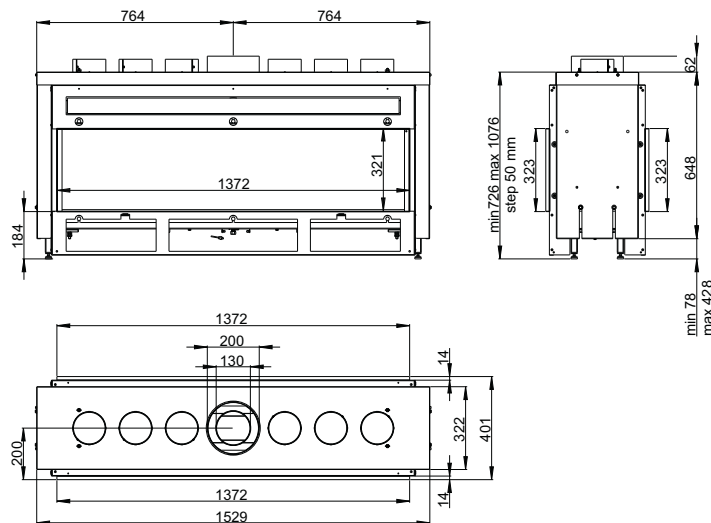


1 side

mod. 130

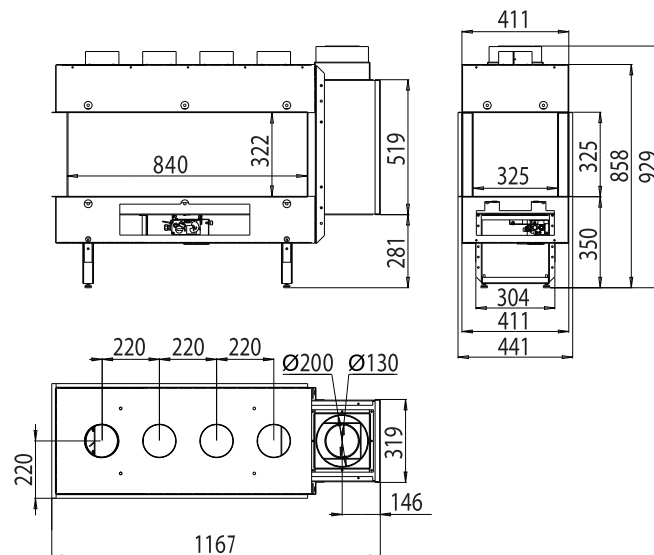


2 sided



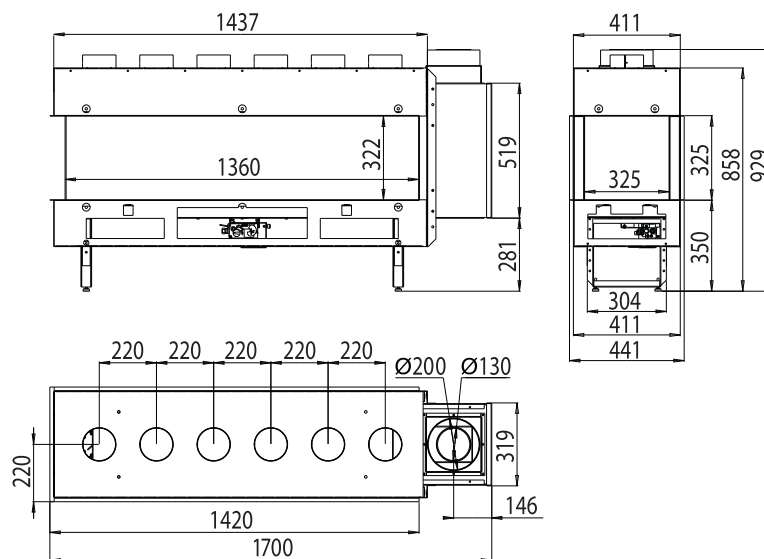
mod. 90P

3 sided peninsula



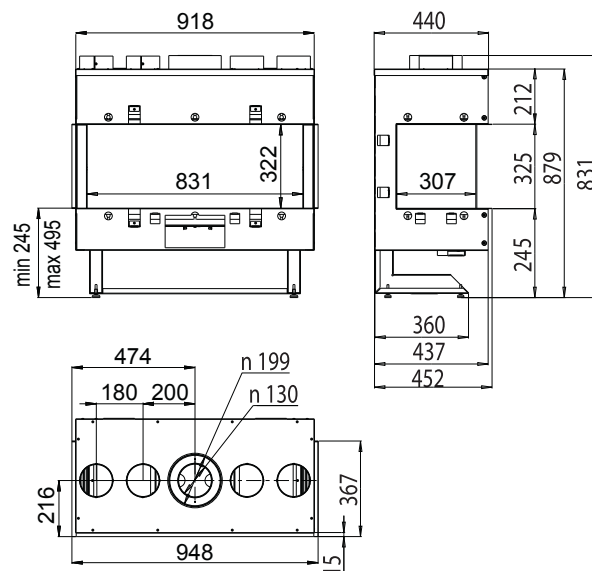
mod. 130P

3 sided peninsula



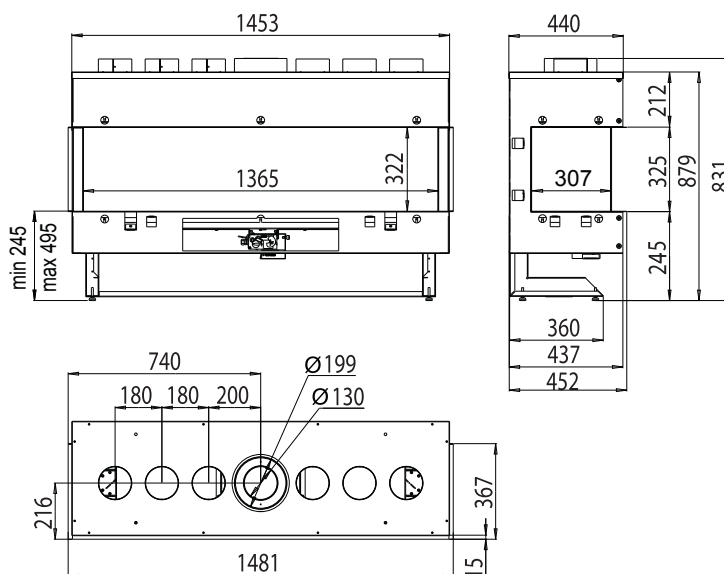
mod. 90F

3 sided wall



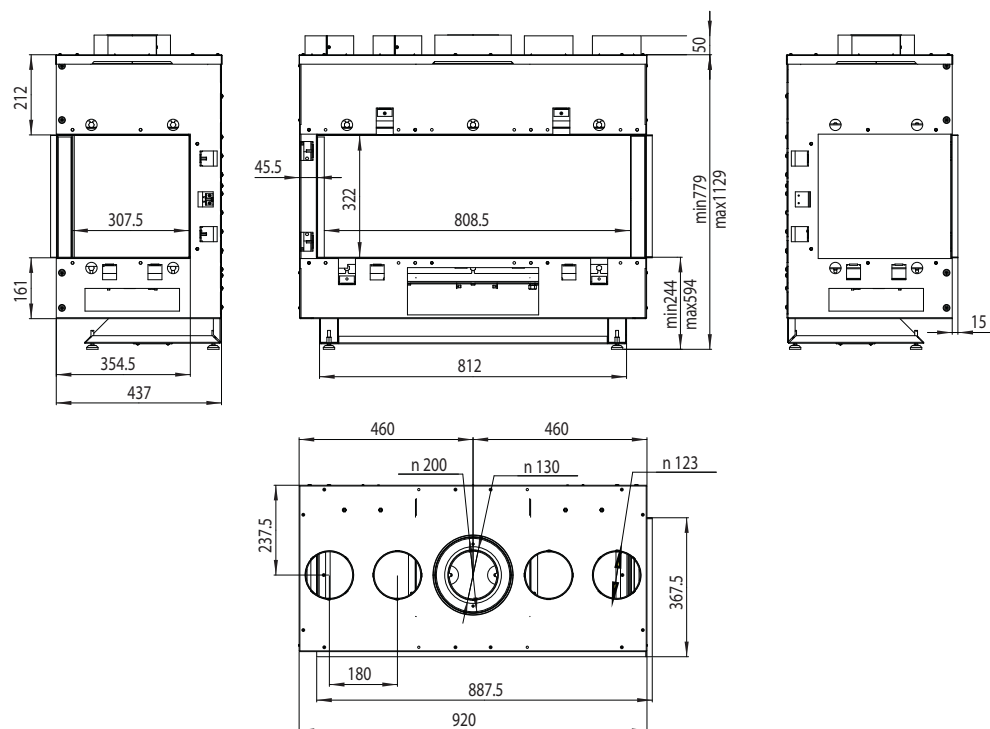
mod. 130F

3 sided wall



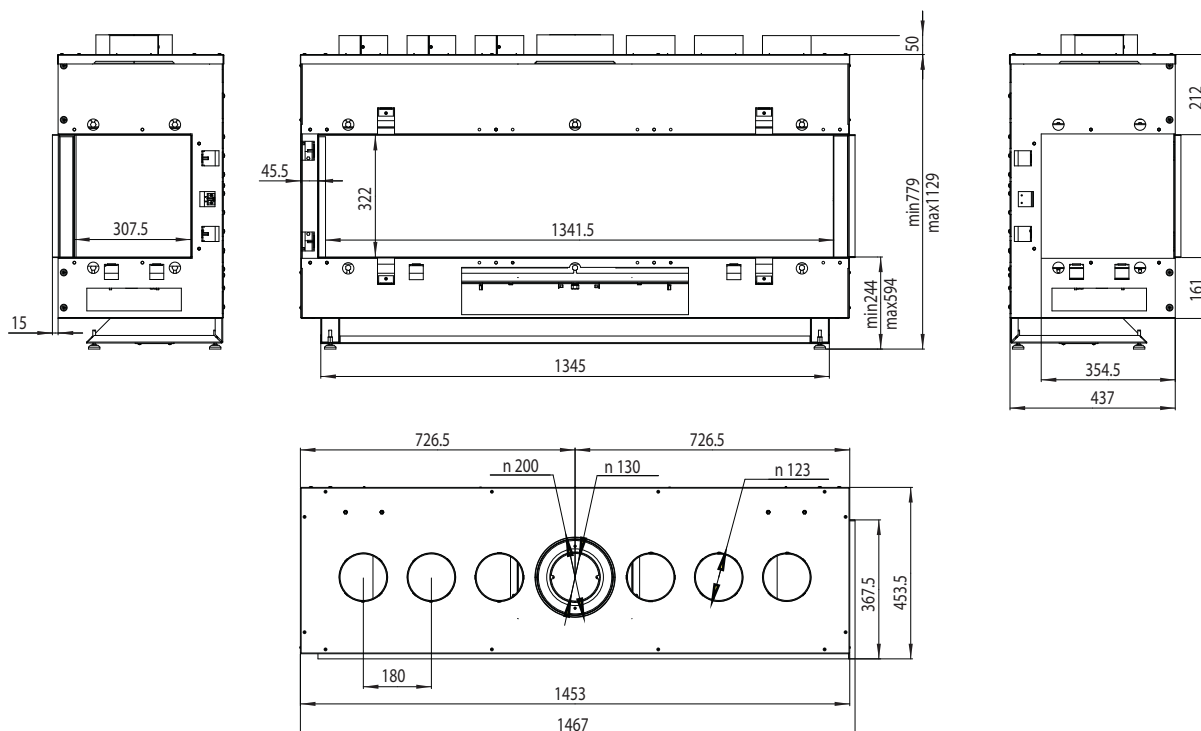
mod. 90corner DX

right corner



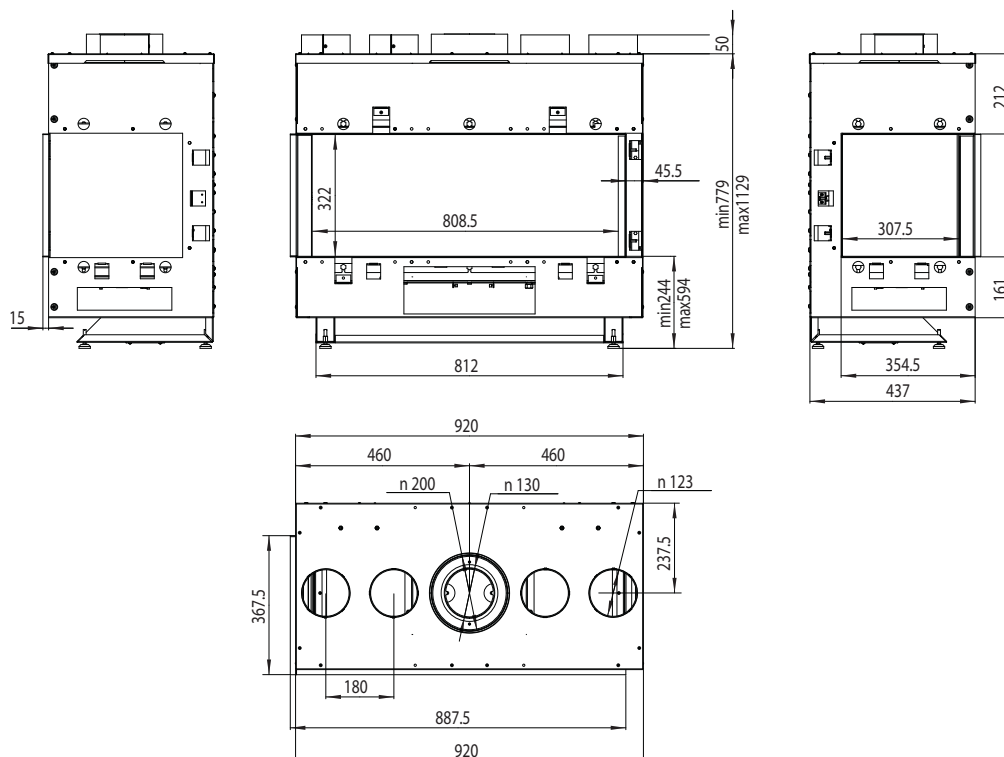
mod. 130corner DX

right corner



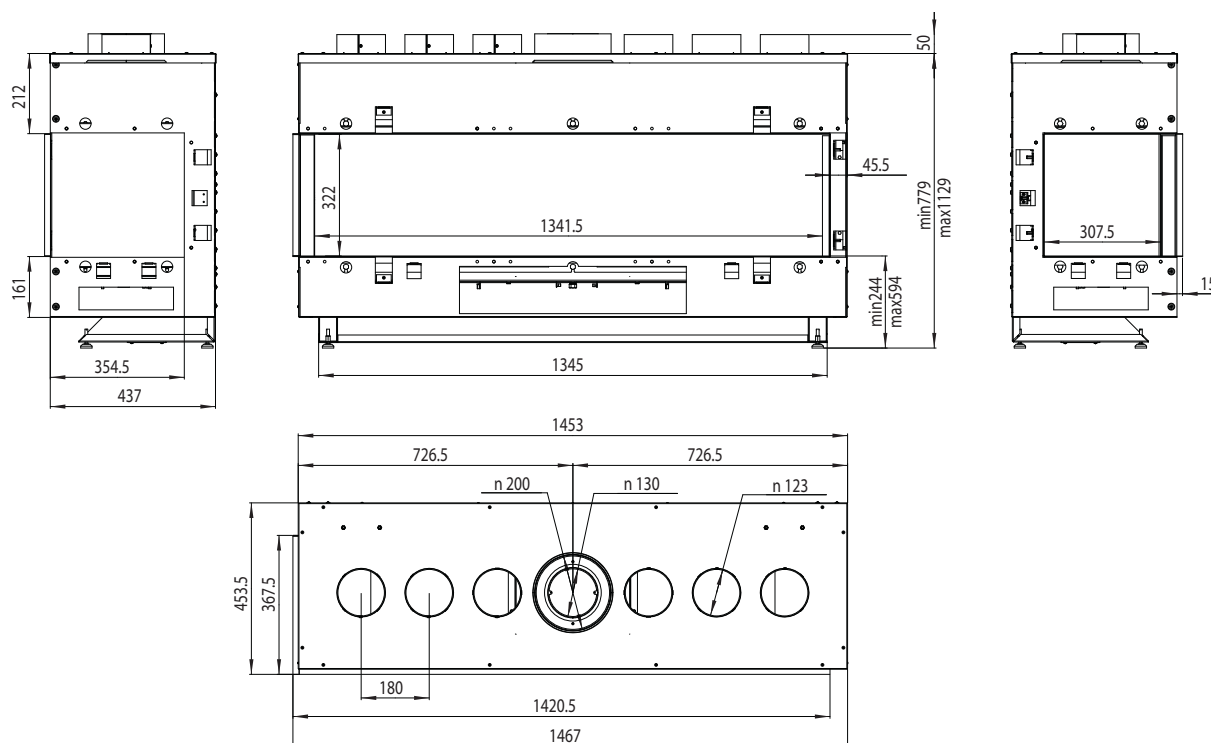
mod. 90corner SX

left corner

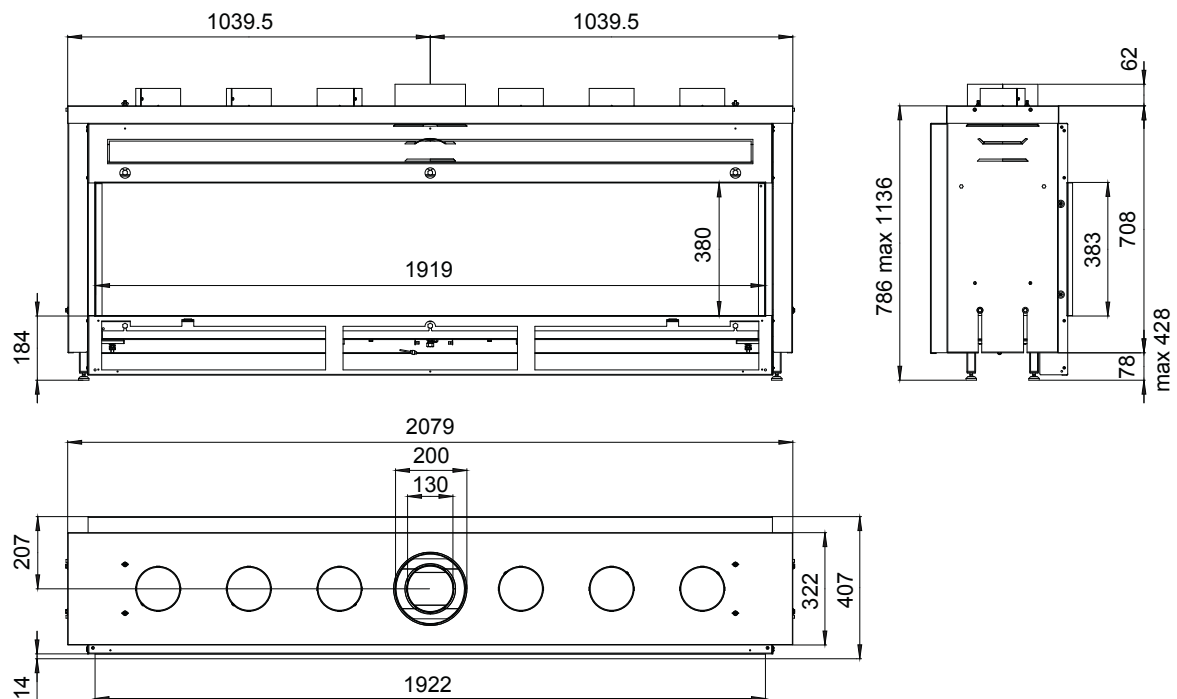


mod. 130corner SX

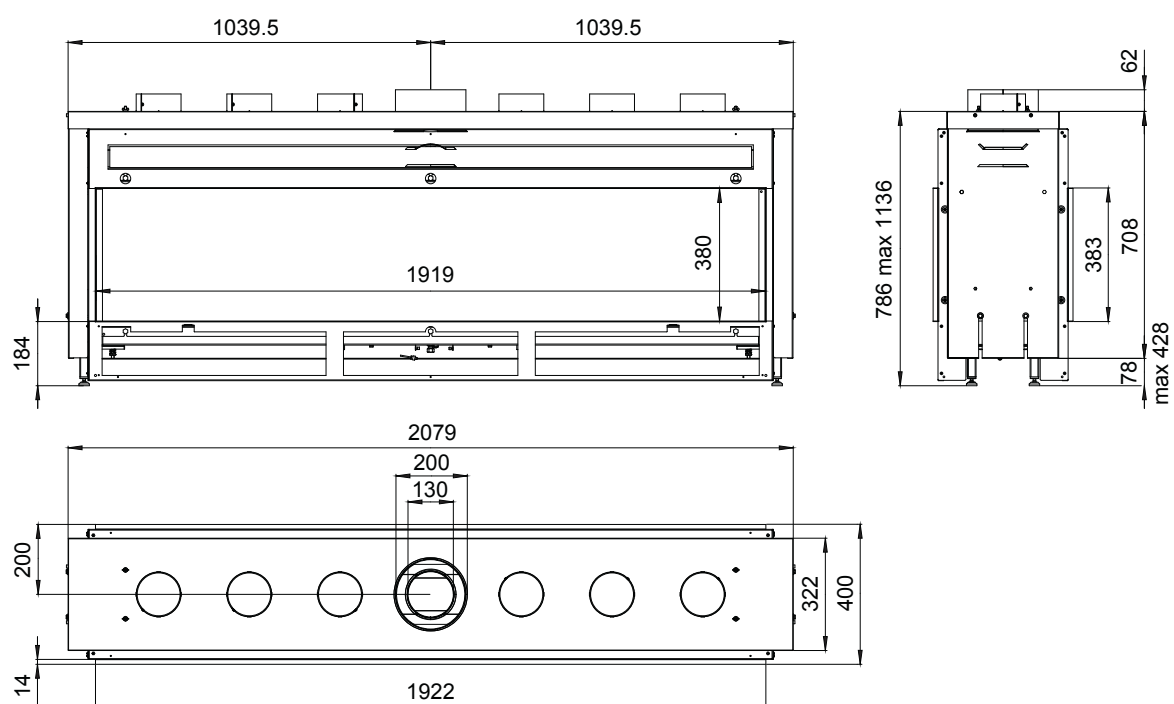
left corner



mod. 200 *1 side*



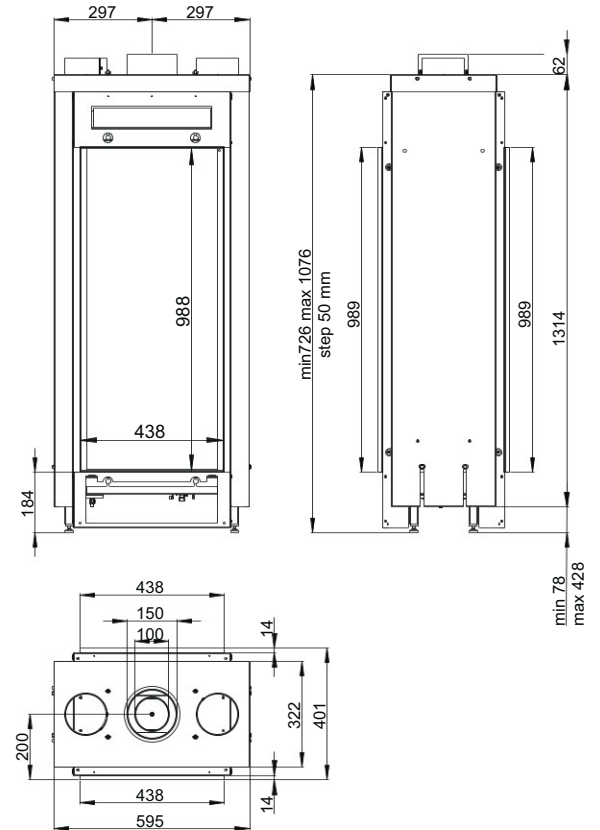
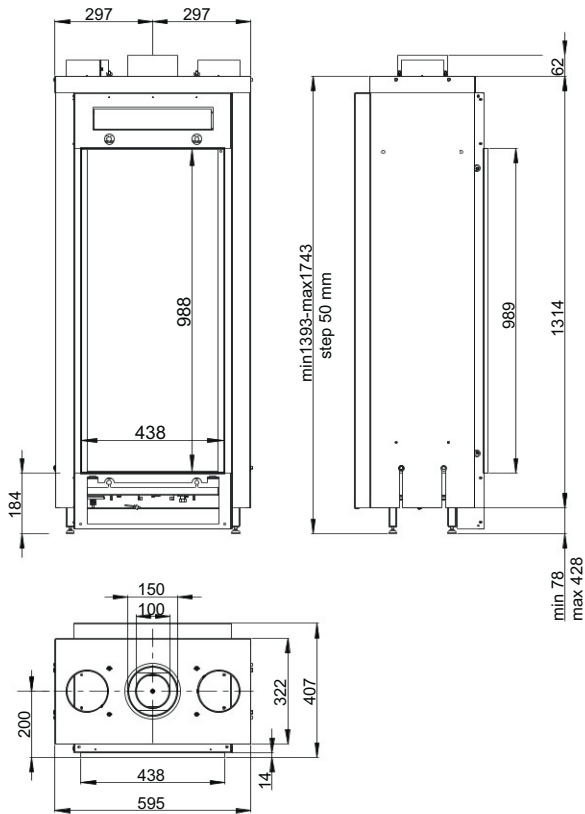
mod. 200 *2 sided*



mod. 50

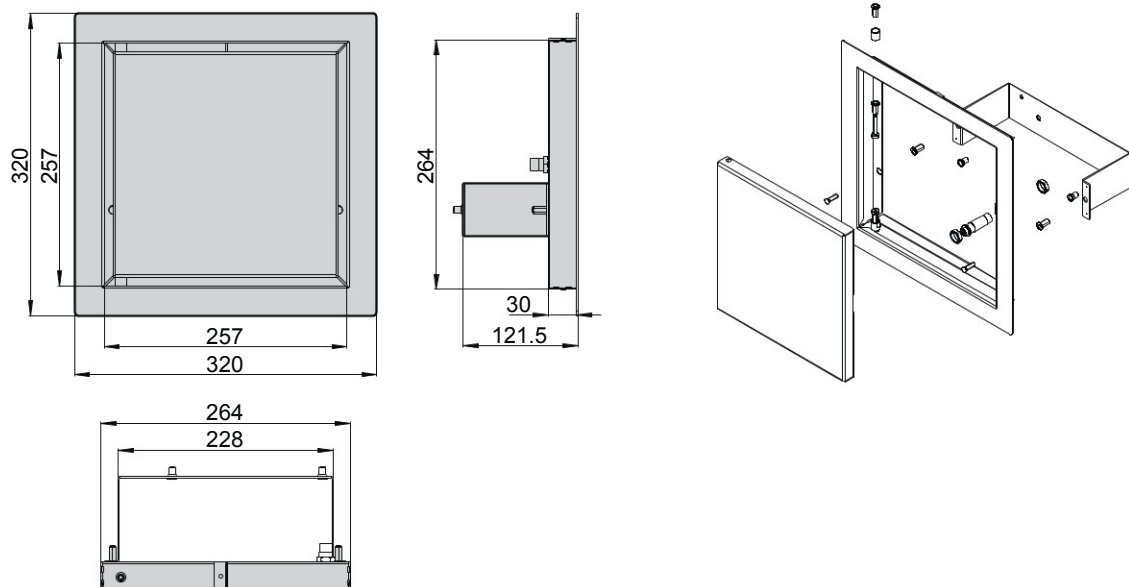
1 side

2 sided



door valve housing

(included in the models where requi-



INSTALLATION

GENERAL INFORMATION

This appliance is sealed from the surrounding environment in which it is installed and consequently combustion air is only aspired from outside!

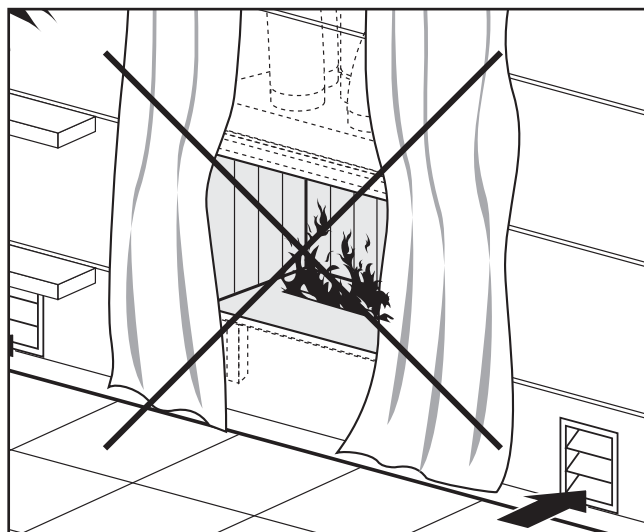
- When installing, NEVER use accessories or component parts not approved by the Manufacturer, as these could be very dangerous.

- DO NOT allow the power cable (if present) to come into contact with hot surfaces such as, for example, the air vents or fume exhaust pipes.

After installation, the fitter is obliged to inform the user what to do during appliance operation:

- NEVER place curtains, towels and the like on the appliance as this could be the cause of malfunction and danger and prevent the correct circulation of air in the room.

- DO NOT obstruct the suction/exhaust ends of the appliance with washing put out to dry or carpets.



POSITIONING THE APPLIANCE

Installable in any type of premises except garages and combustible or inflammable material warehouses. The place of installation does not require vents but must be able to be ventilated with doors or windows communicating with the outside and which can be opened.

⚠ In the case of LPG appliances, these cannot be installed in premises which have floors below the outside walk-on surface or communicating with such type of environment.

Before proceeding with the masonry works, make sure the floor has adequate load-bearing capacity and that there is room enough for the correct operation of the gas Appliance as well as its maintenance. Make sure the wall on which the appliance is fastened is able to support its weight.

Make sure there is no wood matchboard, plastic material, etc., that is not heat resistant and which could come into contact with the fume exhaust pipes (see examples A - B - C - D).

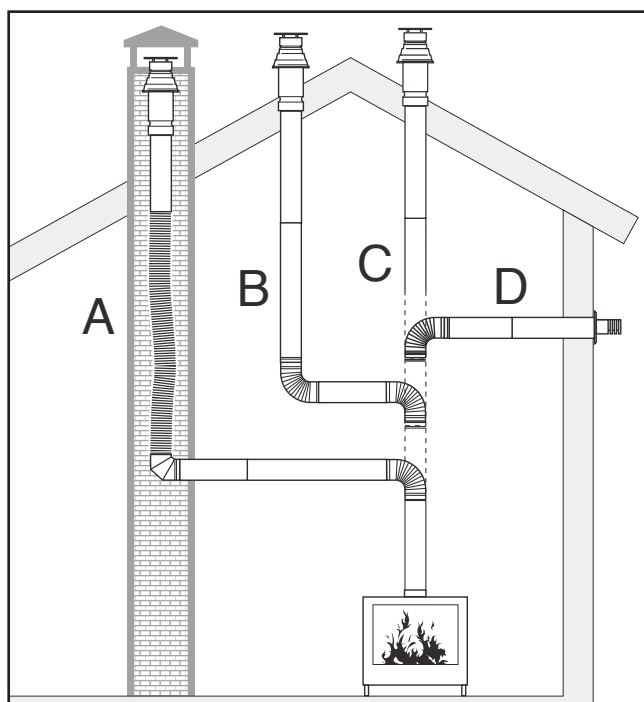
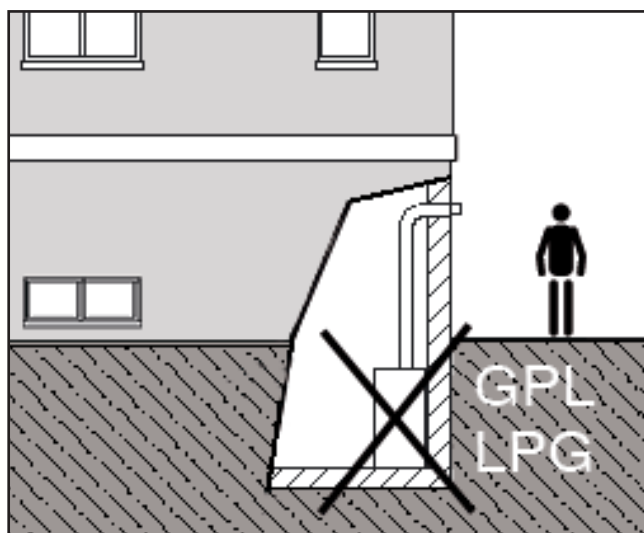
The wall on which the appliance is fastened must be able to resist the high temperatures of the exhaust pipes (about 180°C), otherwise an inter-space will have to be created around the pipe, to be insulated with materials suitable for the temperatures or a hole will have to be made having a diameter increased by at least 4 cm with respect to the pipe.

⊘ Installing the Appliance in spare bathroom areas or close to water dispensers is forbidden. These particular installations require special protections in compliance with applicable Electric Safety standards.

Gas supply

The correct operation of the appliance also depends on the size of the pipes.

⚠ Comply with the standards in force in the country where the device is installed.

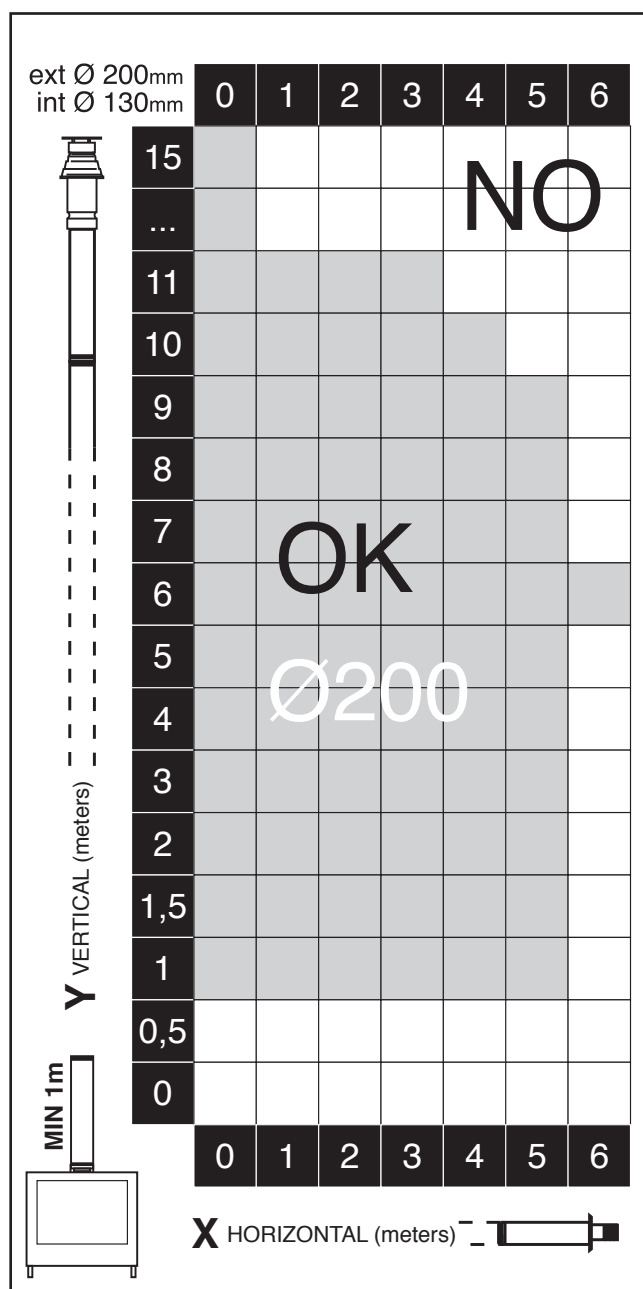
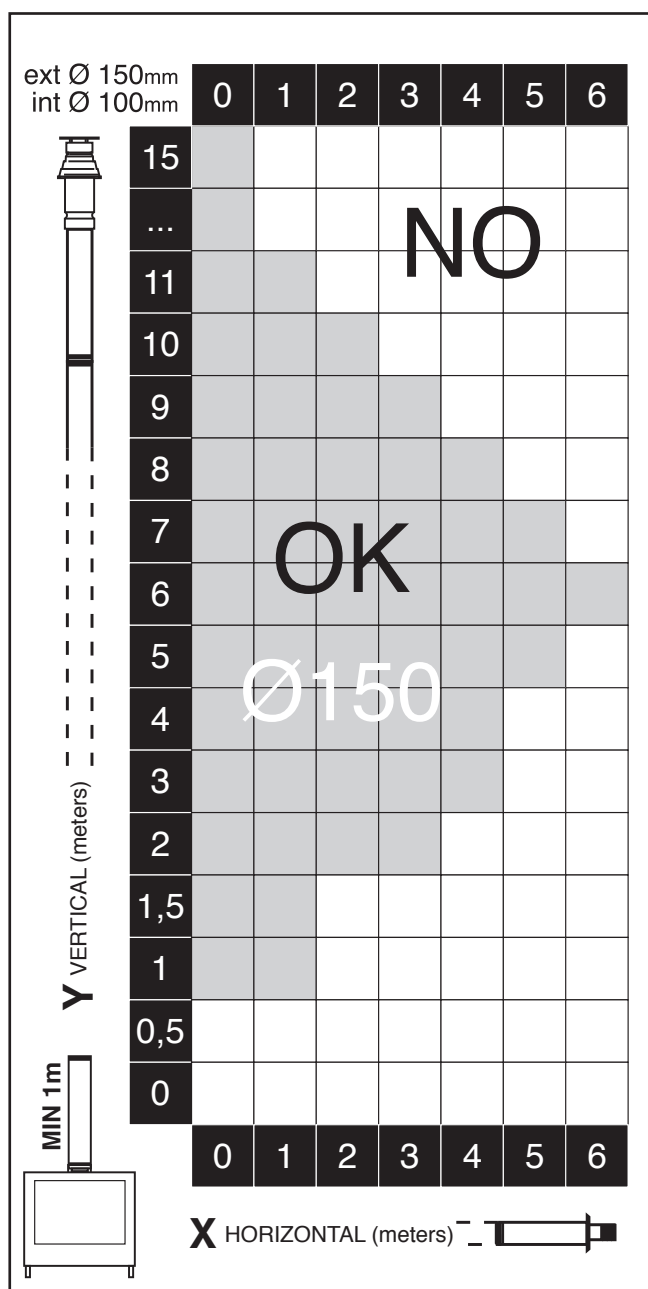


MAX PIPE LENGTH

Before proceeding with the installation, we advise inspection by qualified personnel. Positioning of the exhaust pipes and equipment for balanced flow are regulated by current legislation in the country where the device is installed.

All products are certified to balanced flow "CE" and endorsed at the European level.

 Models 130P, 130F and 130corner, using a standard pipe Ø200 which for technical reasons can not be reduced to Ø150 in any part of the route piping.



POSITIONING THE APPLIANCE

The illustration shows the exhaust position so that, according to the positioning of the exhaust end-piece, the necessary pipes can be calculated (see "Wall exhaust", "Roof exhaust" and "Safety distances" restrictions.)

The height of the Appliance (h MIN 2cm) off the ground is not fixed, but can be selected positions in according to aesthetic preference or to avoid any installation problems.

 **Seal each coupling with relevant silicone seal plus clamp.**

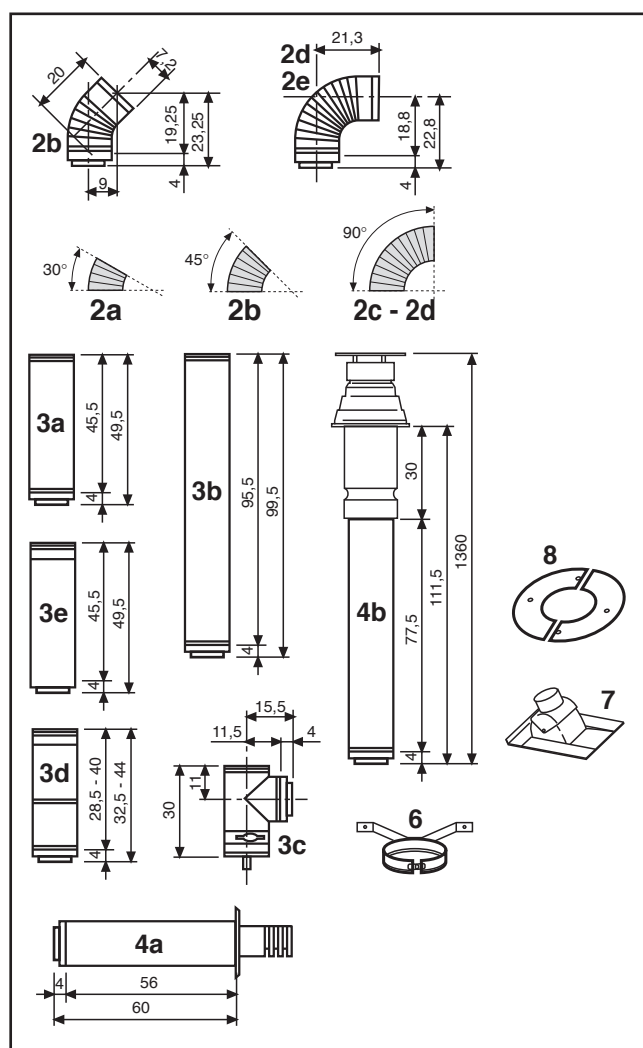
DIMENSIONS OF PIPES AND CURVES FOR FUME EXHAUST, Ø150 e Ø200mm.

Alongside are the accessories listed in the Manufacturer's catalogue for making up the Appliance's fume Suction and Exhaust pipes.

A number of significant piece dimensions have also been included to make it easier to make a first dimensional calculation of the pipe.

Key:

- 2a) CURVE coaxial 30°
- 2b) CURVE coaxial 45°
- 2c) CURVE coaxial 90°
- 2d) CURVE coaxial 90° with inspection
- 3a) PIPE coaxial 50cm
- 3b) PIPE coaxial 100cm
- 3c) PIPE coaxial "T" with inspection
- 3d) PIPE telescopic 35,4 - 44cm
- 3e) PIPE coaxial can be shortened 50cm
- 4a) END PIECE wall exhaust 60cm
- 4b) END PIECE roof exhaust 136cm
- 6) CLAMP wall fastening
- 7) TILE inclination outlet 20° - 45°
- 8) Cover flange wall



SAFETY DISTANCE

The apparatus is equipped with an external fairing that allows you to pull the unit to walls resistant to at least 80 ° C and allows you to duct the hot air in the room being heated.

The air outlets of the fairing can be connected to the plenum speakers with the appropriate hoses (not included) that allow to convey the hot air in the environment to be heated through its external grilles (8).

⚠ DO NOT USE adhesive materials (9) to secure the hoses (7) on the fairing (1) plenum speakers, the piping may also be determined only interlocking, in case you want to block only use metal clamps. The adhesive used by these insulating materials is not suitable for high temperature and then burns by releasing an unpleasant odor which the manufacturer can not be held responsible. The use of these adhesive tapes, rubber, aluminum or other damage and may also adversely affect the correct functioning of the device.

COMBUSTIBLE WALL

⚠ The apparatus with fairing can be mounted in contact with the wall, this component is equipped with suitable spacers which ensure an air gap of 5 mm.

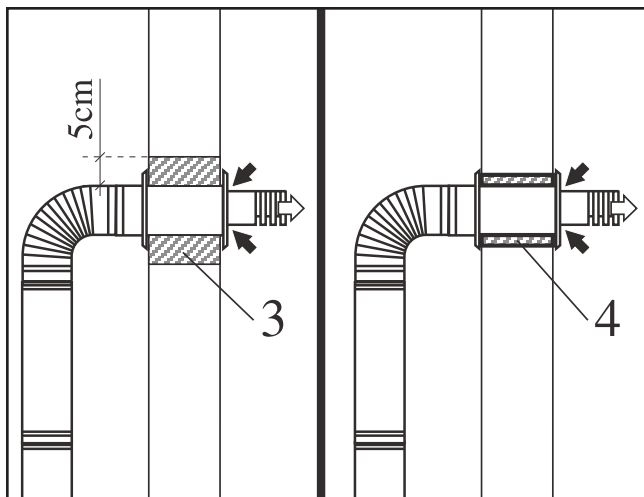
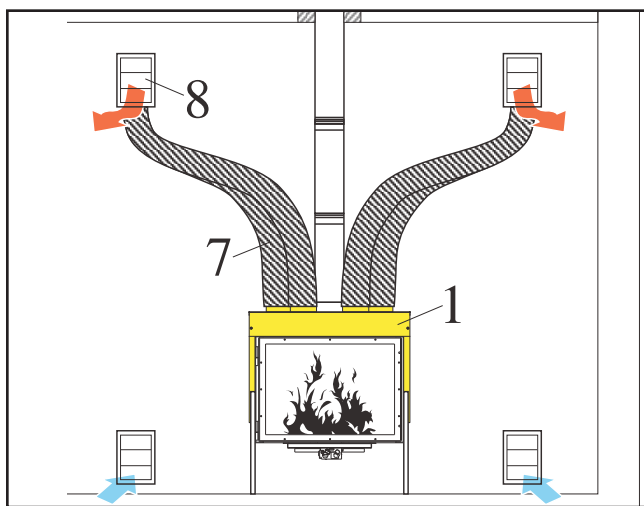
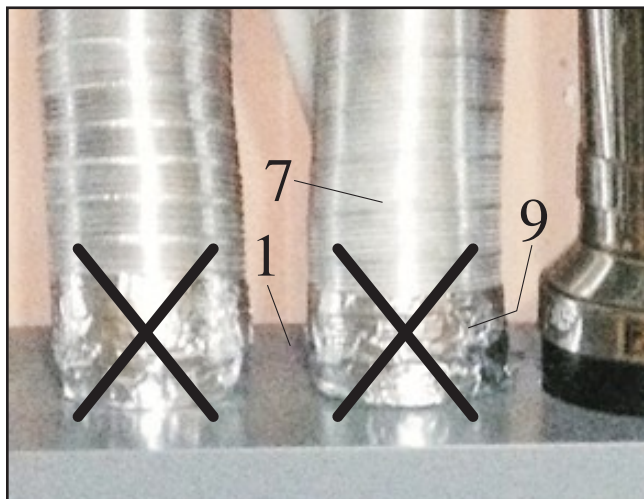
In the case of passage through walls, floors or roofs heat sensitive material or flammable it is necessary to avoid contact with the exhaust pipe by a suitable thermal insulation (3) for high temperatures (mineral wool or glass wool, etc..) Or air gap (3).

NON-COMBUSTIBLE WALL

- Device with fairing: without barrier.

⚠ The apparatus with fairing can be mounted in contact with the wall, this accessory is equipped with suitable spacers which ensure an air gap of 5 mm.

In the case of crossing walls of non-flammable material is necessary to avoid contact with the drain pipe by means of appropriate interspace (3) to be filled with non-flammable materials, non-deformable and reduced capacity of heat transmission (eg lightweight concrete). Alternatively, the pipelines can be shielded by special pipes of insulation (4).



IRRADIATION AREA

⚠ Maintain a safety distance of at least 1m (1) between the appliance and objects made of combustible or inflammable material: wood furniture and furnishings, objects and curtains, etc. Never move the Appliance close to or in direct contact with combustible materials, heat-sensitive materials or inflammable materials; furniture, beams, ceilings, curtains etc.

Wall lining and decorative covering

To release the heat generated by the device, **must be installed on the counter walls of the openings or vents not closable**, with a variable minimum area according to each model (with fins market standards) that allow the warm air outlet at the top and bottom the entry of the cold.

⚠ The manufacturer offers the small nozzles (2, 3), of the long nozzles (4, different for each model), or is necessary to provide appropriate openings (5):

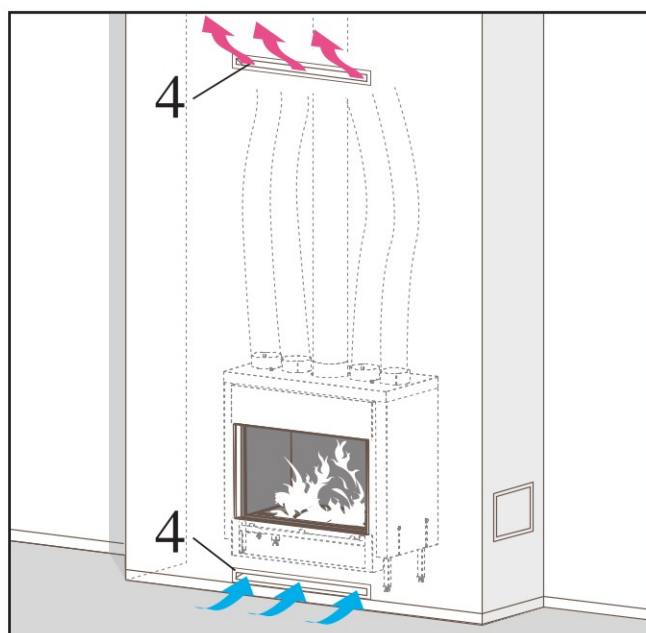
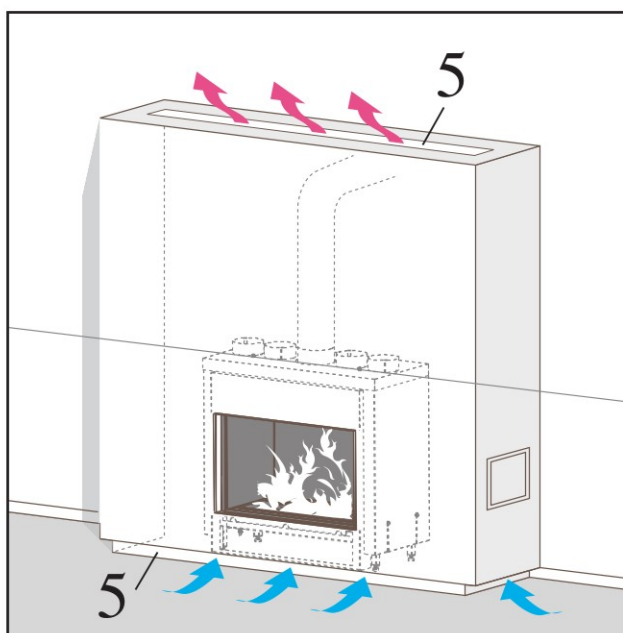
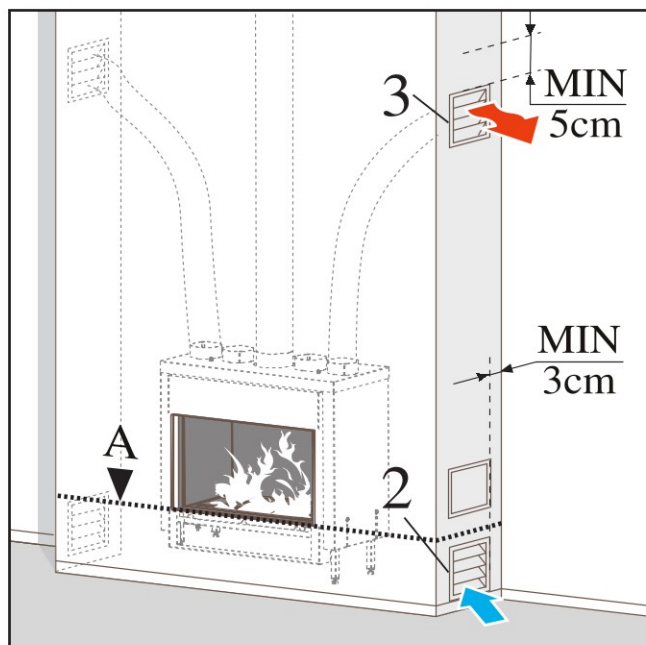
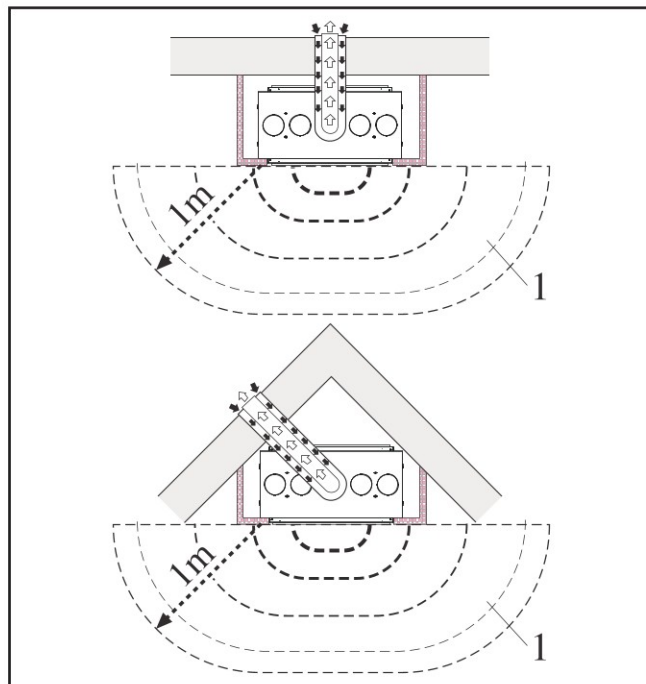
- Mod. 50 / 50q = 200cm² + 200cm² air suction and hot output.
- Mod. 70 / 90 = 350cm² + 350cm² air suction and hot output.
- Mod. 130 = 500cm² + 500cm² air suction and hot output.
- Mod. 200 = 700cm² + 700cm² air suction and hot output.

For any aesthetic requirements, each vent can be replaced by other smaller ones, as long as the sum of their surface area is not below 350cm².

Place the suction openings always under the burner plane (line A), while the openings for the hot air to MIN output 5cm and 3cm from the ceiling by a possible side wall.

With ceiling height 3 m, the above 5 cm can be reduced to 3 cm.

⚠ Before completing all the covering, always check: position and fastening of the Appliance, the definition of all connections (gas and electricity) and correct operation.



INSTALLATION

⚠ Before going ahead with installation, make sure the data in the Appliance plate correspond to the gas supply type and pressure. Only skilled personnel should make the gas connections in compliance with applicable regulations.

Make sure the gas supply pipe is of suitable capacity and that it features an easy-to-access on/off tap close to the fireplace.

⚠ Make sure the space under the anti-explosion door is always free of any objects that could prevent its opening.

Installation

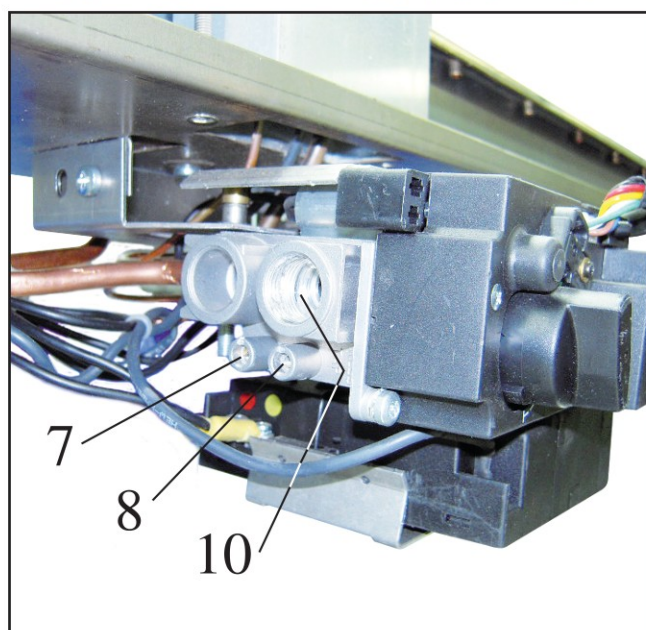
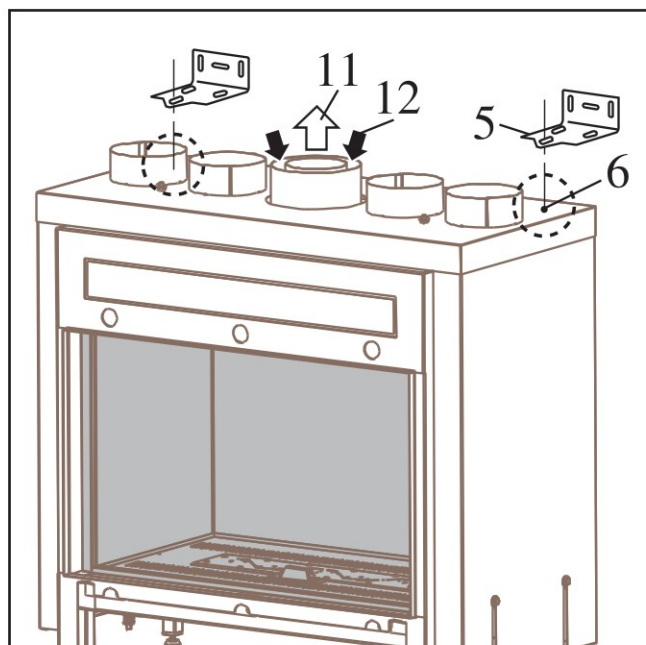
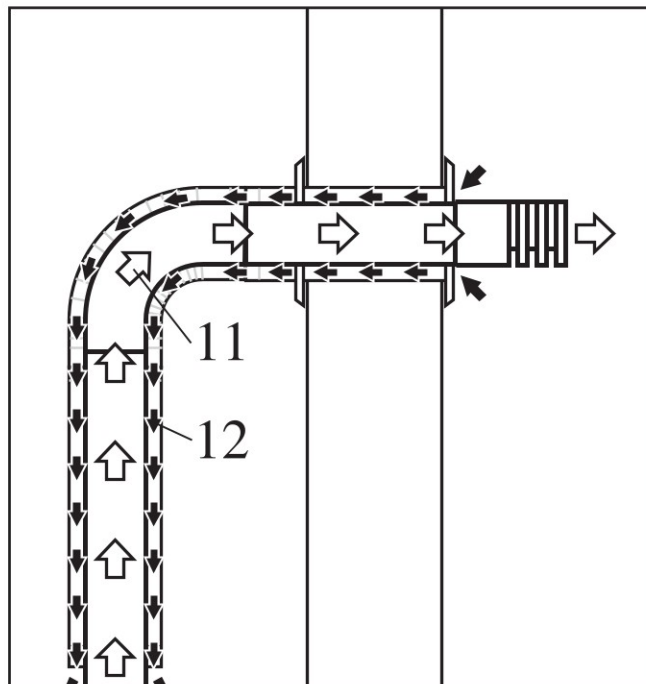
- Take advantage of the adjustable feet (4) to position the device at the desired height, bearing in mind the connection to the flue.
- Anchor the appliance installation on walls, use anchor brackets (5, supplied) and bolts to the appropriate type of wall available. Attach the brackets on the top of the chamber using the holes provided (6), of course, always observe the safety distances.
- Install the suction / discharge and check the water tightness of all connections.

⚠ The suction / discharge, double-walled, allows the expulsion of the combustion fumes (11) and the combustion air intake (12).

- Must be mounted at the base of the flue collar for wall mounting, to prevent the whole weight of the pipes serious on the apparatus.
- Make the gas connection (10, CNG or LPG) respecting the size of the pipe, remove any burrs and internal impurities.
- Make the electrical connection: the power supply accessory kit, avoids the replacement of batteries in the receiver.

⚠ Before starting up the Device, in compliance UNI7129/7131/10738, check carefully:

- Keeping the Device;
- Operation and sealing duct inlet / outlet;
- Shut-off function;
- Operation of pilot flame ignition;
- Main burner operation;
- Operation of thermocouples;
- Test of gas pressure to the nozzles, with micro-manometer be inserted into the sockets 7 (exit) and 8 (entry).



COVERING

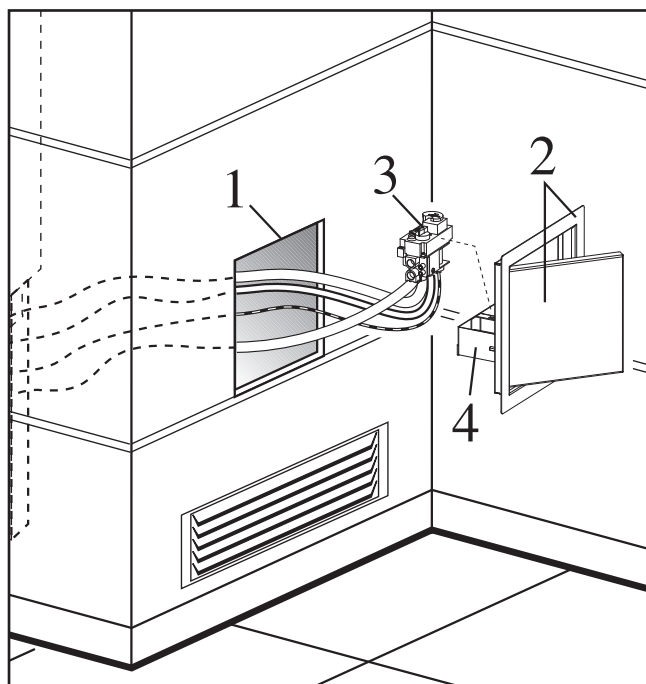
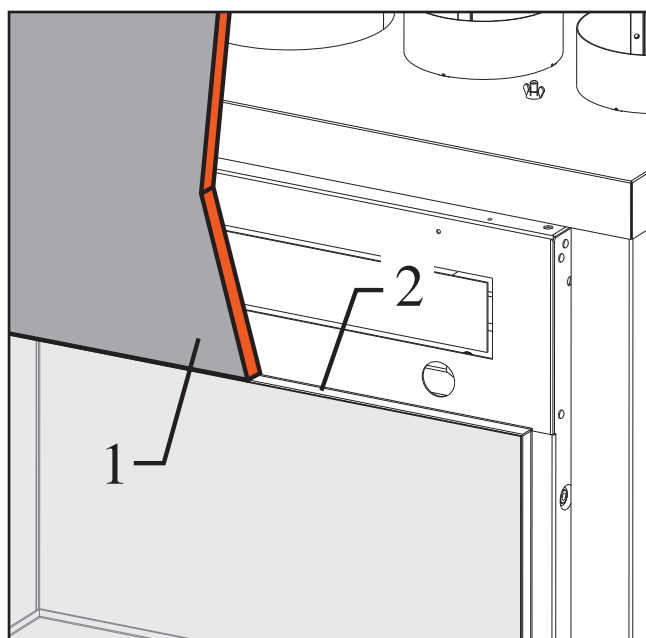
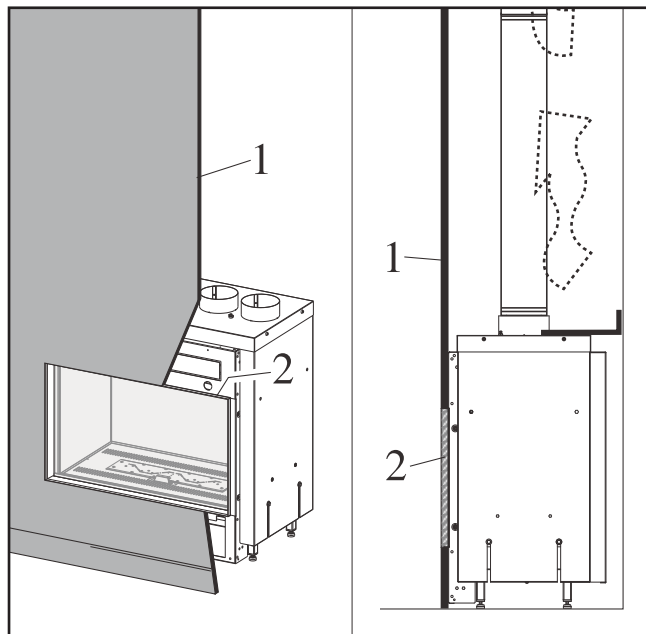
⚠ The Ductwork coating, all self-supporting, complete the installation of this device and must be constructed of nonflammable material in full compliance with the regulations (plaster-board, etc.).

Unlike other similar products on the market, this Device, allows to bring the Ductwork of coating (1) in direct contact of the frame (2).

The installation of this model can be completed (later on) with the use of an ornamental frame.

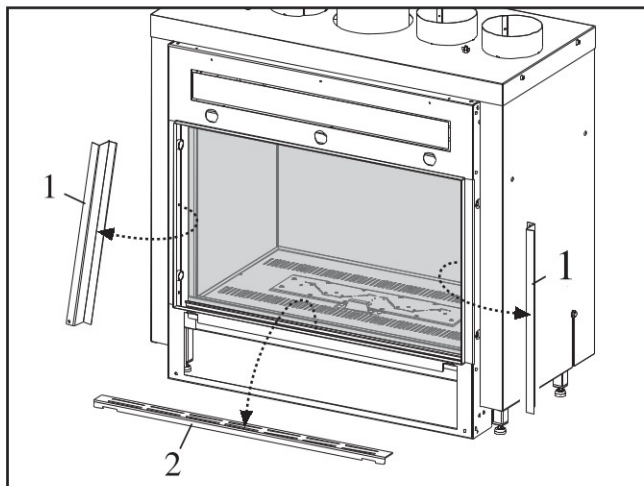
installation

- Check the Device to the anchor walls;
 - Check the tightness of the pipes and gas fittings;
 - Check the tightness of the flue;
 - Check the electrical connections (if any);
 - Verify the correct operation of the Device;
 - Bring the casing (1) on the frame (2);
 - Mount the coating Ductwork (1);
 - Mount the air intake vent at the bottom;
 - Mount the vent hot air outlet at the top;
 - Mount the valve cover (when expected):
 - Create a gap (1) in the plasterboard, to accommodate the flap (2);
 - Connect to the valve (3) the pilot gas tube, the ignition electrode, the thermocouple and the gas hose mains power supply;
- ⚠ Before assembling the valve on the cover, check the proper connection between the valve and all the cables or pipes connected to it to avoid failures or gas leaks.**
- Fix the valve on the support bracket (4) of the door with the supplied studs;
 - Secure the door assembly + valve in the gap (1) using a suitable adhesive to the surface of the coating.

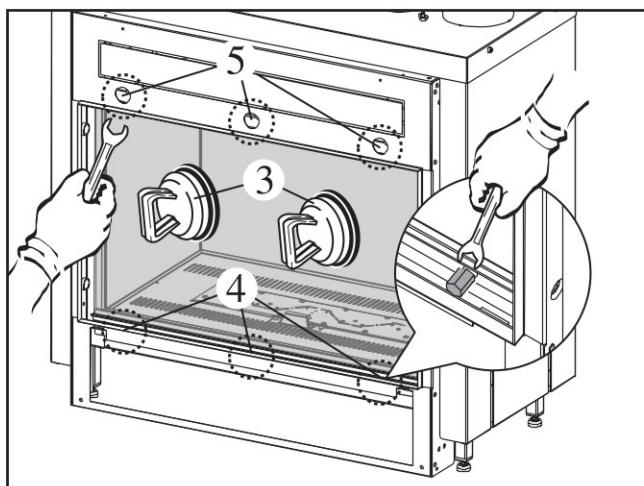


Glass opening

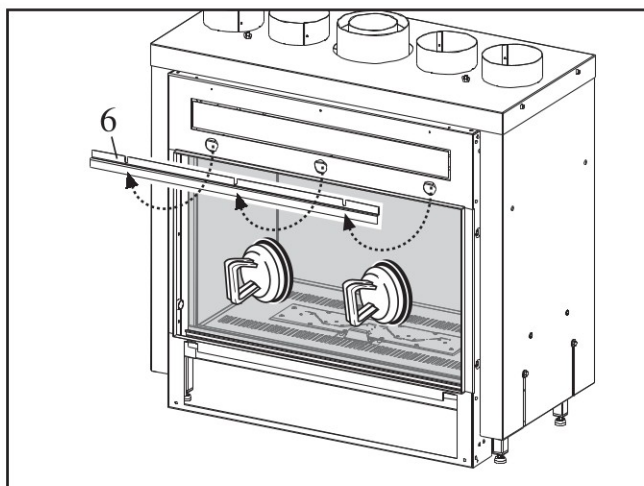
- Pull down and remove the side plate (1);
- Lift and remove the plate near the bottom (2);



- Clean and place on the glass, the suckers (3) supplied with the unit;
- Loosen, without fully unscrew the lower locking studs (4);
- Loosen, without fully unscrew the locking studs above (5);



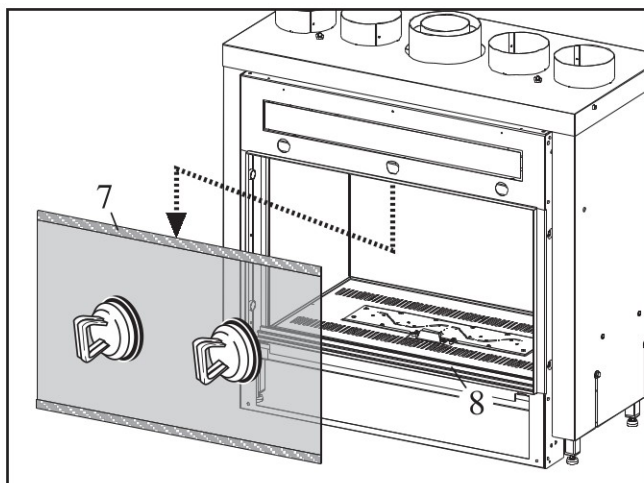
- Remove the bracket (6) that blocks the upper part of the glass;



- Lift the glass (7), releasing its lower part by the locking bracket (8), and then pull it down gently.

⚠ Before replacing the glass, verify the integrity of the seals to prevent leakage of combustion fumes.

⚠ Replace the glass, taking care to its positioning in the fireplace, the glass must be perfectly centered to prevent spillage of combustion fumes.



AVAILABLE CERAMIC LOGS WITH COALS, PEBBLES OF THE RIVER

⚠ Use only embers, ceramic logs and river rock that comes with the kit, do not add the other and respect the arrangement indicated by the manufacturer.

⚠ Always use original parts or parts supplied by the manufacturer, the installation must be carried out by personnel authorized by the manufacturer or a qualified technician.

installation

- Open the door or front window to gain access to the hearth;
- Distribute the coals, taking care not to penetrate into the rider protection to avoid damaging the pilot or thermocouple;
- Place the logs or stones in the order shown in the operating position of wood and stones;

⚠ The handling and placement of logs and embers in the hearth, must be done with work clothing with long sleeves and long pants, using:

- Protective mask to avoid inhaling particles of ceramic fiber.
- Work gloves to avoid contact with bare hands.
- Working-glasses with side shields to prevent any particles of ceramic fiber in the eye.

⚠ Place the coals, the logs or rocks, avoiding direct contact with the walls that surround the fireplace.

Gently and carefully position the coals, and all logs are very fragile components.

If you find one or more sockets broken or chipped, but not installing them to replace them immediately.

- Close the fireplace perfectly paying particular attention to correct positioning of the seals;
- Turn on the device to test the "behavior" and appearance of the flame.



! IMPORTANT! BEFORE PROCEEDING WITH IGNITION, CAREFULLY READ ALL THE INSTRUCTIONS AND PRECAUTIONS SHOWN IN THIS BOOKLET.

! First ignition could be difficult because of the possible presence of air in the gas pipe. In case of short ignition or switch-off of the appliance, wait at least 5 minutes before repeating the ignition operation.

! When first ignited, the Appliance may give off a bad smell or vapours. This is entirely normal. The best thing is to ventilate the premises adequately.

! After igniting, allow the appliance to operate for about ten minutes at maximum output, to permit adequate heating.

! If the appliance is to be used for short periods of time, it is best not to switch it off but rather leave it with the pilot light on. This way, the formation of condensation is prevented in the pipes that reach the flue and which, in the long term could cause hearth corrosion.

REMOTE CONTROL UNIT

Ignition

- Open the gas supply tap.
- Press the switch (5) of the gas valve in "I" position.
- Make sure the knob (7) of the manual operation mechanism is positioned on "ON".
- Press the keys "OFF" and "triangle UP" of the remote control at the same time.
- An acoustic signal will indicate the start of the start sequence. The electronic system checks correct gas flow and ignites the main burner (these operations could take up to 20 seconds). After burner ignition, the flame automatically positions on maximum.

! If the pilot flame goes out, wait at least five minutes before repeating the described operation. During the start phase, the knob of the manual operation mechanism must be positioned on "ON".

Operation

Setting the electronic code for RF remote controls (with or without display).

A code is selected automatically between 65000 random codes available. The receiver (at the edge of the chimney) must know the remote control code:

Expected sequence:

- Press and hold the RESET button of the receiver in the fireplace until you hear two (2) beeps: the first is short and the second is long. After the second beep, release the RESET button.
- Within the next 20 seconds, press the button (small flame) on the remote until you hear two short beeps, which further confirm the correct setup code. If you hear one long beep, the acquisition sequence code failed or the wiring is incorrect.

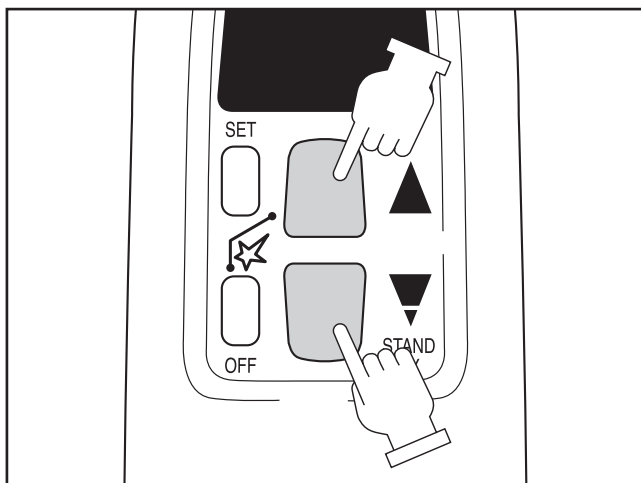
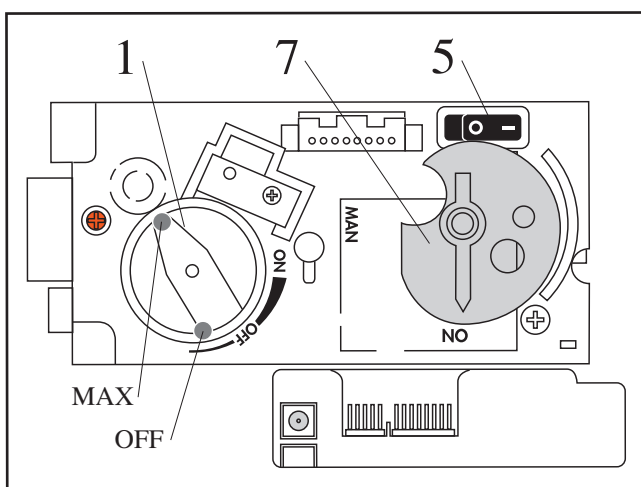
! This setting is performed only once and is not required after changing the batteries on the remote or receiver.

Once turned on, you can choose the power level of the Device using the remote control. Press the remote button "triangle DOWN" to reduce the intensity of the flame and press "triangle UP" to raise it.

! Once the Appliance has been switched on, the Manufacturer suggests leaving it running for 10 minutes at max output, before making any adjustments.

At minimum, the burner remains off, leaving on only the pilot flame.

From minimum position, the output can be turned up without repeating the ignition operation.



Switch-off

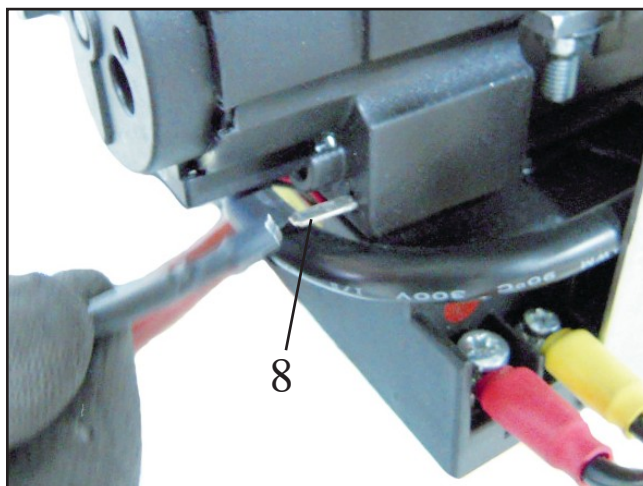
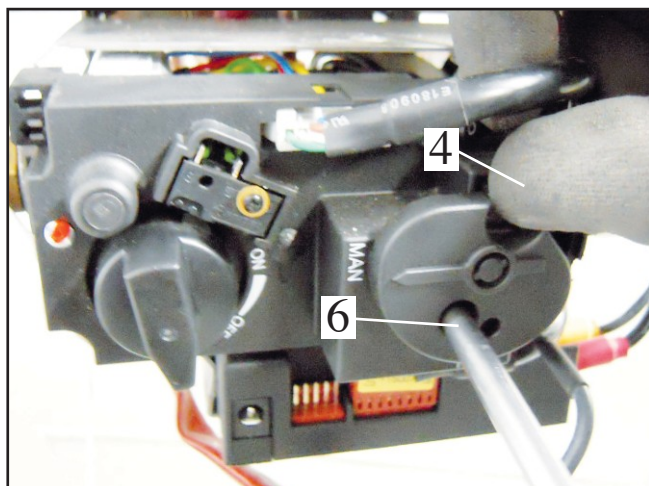
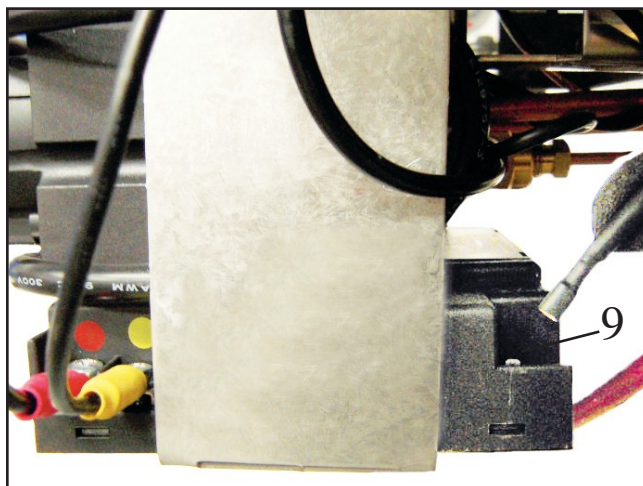
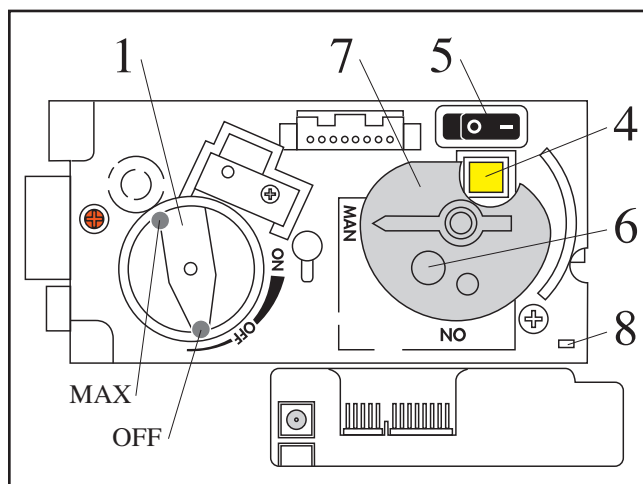
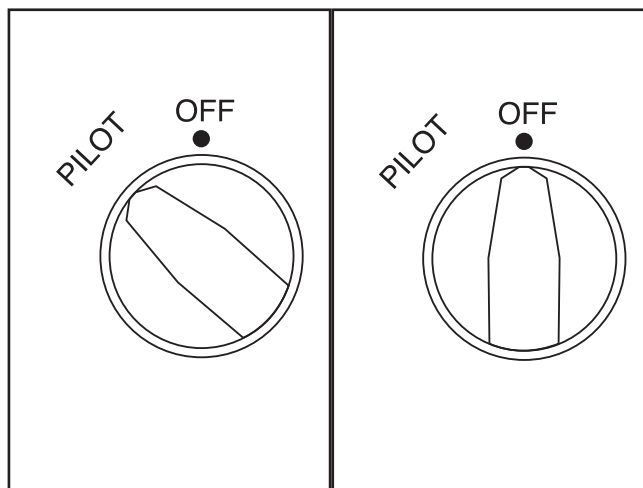
- Switch off the appliance: turn the control knob clockwise and return to “PILOT” position.
- To switch the appliance off definitively (prolonged period without use): turn the control knob clockwise as far as “PILOT” position. After reaching this position, press the control knob and turn it to “OFF” position. Close the gas supply tap.

MANUAL CONTROL (without remote control)

Ignition

- Open the gas supply tap.
- Switch on the valve unit, positioning the switch (5) on “I”;
- Position the adjustment knob (1) on “OFF”;
- Turn the knob (7) to manual “MAN”;
- Disconnect the ignition lead from the rear connector (9) and fit it in the terminal (8);
- Insert a screwdriver in the hole (6) and keep the magnet Stem pressed;
- Press the piezoelectric ignition button (4), with the magnet Stem pressed, until the pilot flame comes on. Keep the magnet Stem pressed for about 10 seconds, to allow adequate heating of the Thermocouple;
- Remove the screwdriver and release the magnet Stem;
- Turn the knob (7) to automatic “NO”;
- Turn the knob (1) from “OFF” to “MAX” according to need.

 In “OFF” position, the pilot flame is not switched off but remains on at minimum.



Operation

This appliance has a remote control:

model with Display and Timer with SET, Off and flame increase and decrease keys.

The remote control with Display controls 3 types of operating mode: **MAN - TEMP - TIMER**.

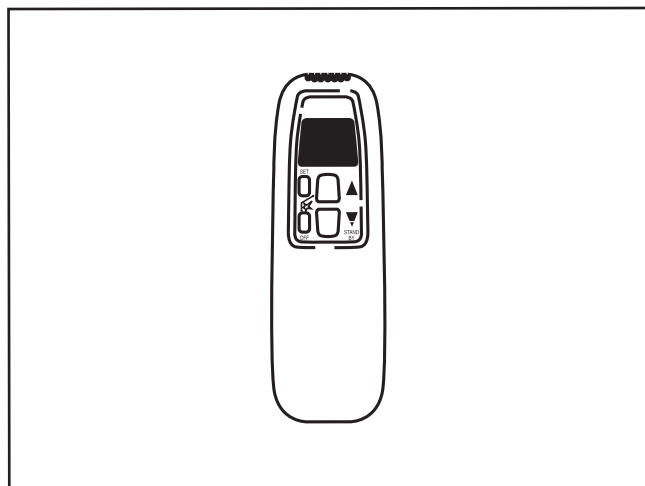
MAN: flame intensity manual control ("triangle7

Press the "triangle DOWN" key to reduce the flame or lower pilot level. To increase or decrease the flame, lightly press the keys "triangle UP" or "triangle DOWN" (the screen will show the "radio wave" transmission icon).

TEMP: regulation of flame intensity according to the temperature set in the remote control (see REQUIRED TEMPERATURE PROGRAMMING).

- with **SUN TEMP** sets heating temperature.
- with **MOON TEMP** cuts out the heating cycle.

TIMER: control of On / Off periods according to program set in remote control (see TIMER PROGRAMMING) and adjustment of flame intensity according to the temperature set in TEMP. mode.



REPLACING THE BATTERIES

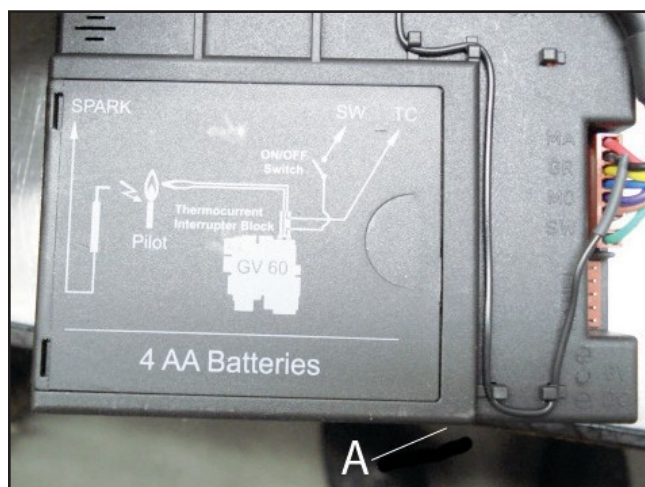
The remote-control unit and the receiver unit are complete with batteries. To change these, remove the shell of the respective compartments and change them, being careful not to switch over the polarities. Use 1 x 9V PP3 battery in the remote-control unit and 4 x 1.5V AA in the receiver unit.

 **The Remote-control unit has a small buffer battery (about 10 seconds) which allows changing the down battery without loss of data set by user.**

 **The old batteries must be disposed of in accordance with applicable regulations.**

 **Do not remove the batteries using metal tools as this could seriously damage the electronic contacts.**

 **Check annually the proper state of preservation and operation of the batteries to avoid any leakage that might damage the contacts and jeopardize the operation unit.**



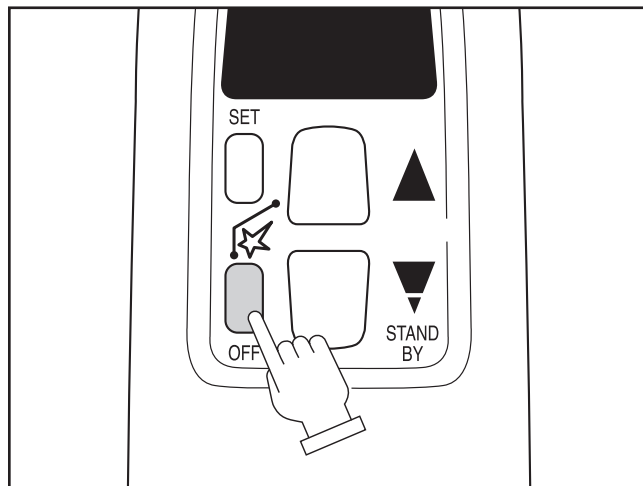
Final switch-off

The Appliance can be switched off from any heating position: press the “OFF” key on the remote control for a few seconds.

To ensure long battery life, move the switch “O – I” (5) on the gas valve to “O” position.

The system features an automatic safety lock that prevents further ignition until it is disengaged (this operation could take a few minutes).

 **If the appliance is not to be used for a long period of time, close the gas tap.**



MANUAL OPERATING MECHANISM WITH DISENGAGEMENT OF AUTOMATIC

The system features a “manual operation” mechanism that allows starting the appliance manually in case of a receiver unit or remote-control unit fault.

Starting the appliance manually

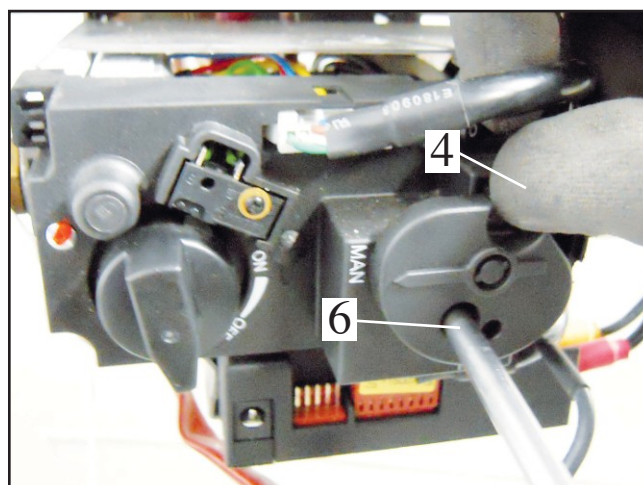
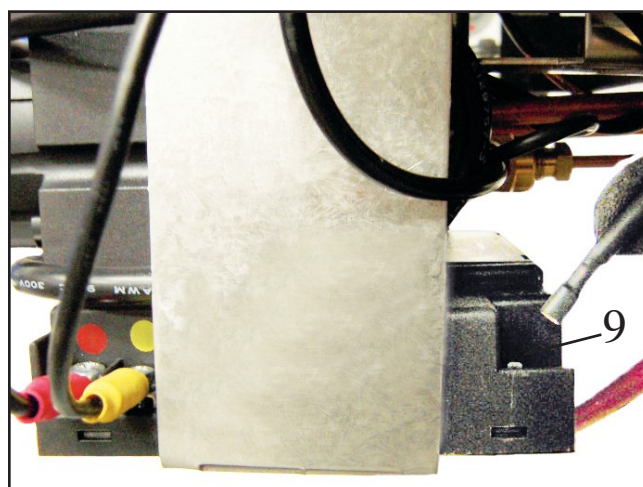
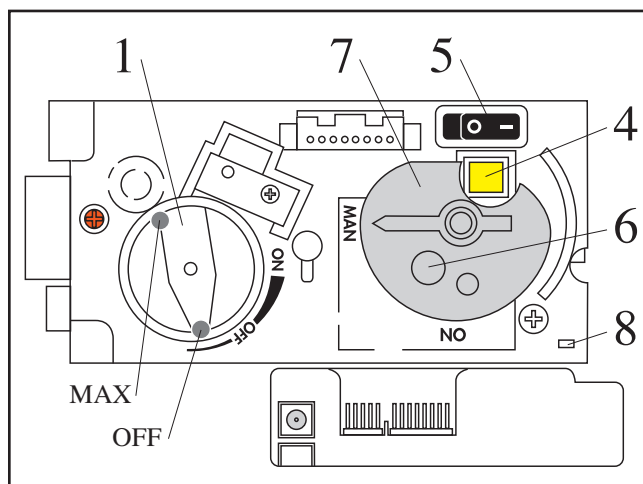
- Disconnect the lead that connects the receiver unit to the piezoelectric (9) and connect this to the connection (8) on the gas valve.
- Turn the manual operation knob (7) to “MAN” position. In this position, access is freed to the magnet stem (6) and to the piezoelectric spark plug (4).
- Light the pilot flame keeping the magnet stem (6) pressed with a screwdriver and push the piezoelectric spark plug (4) several times so as to produce a spark to ignite the flame.
- Keep this pressed for about 15 seconds, until the pilot flame has stabilised.

If the pilot flame does not stay on once the stem has been released, repeat the entire operation.

As soon as the pilot flame is on steady, turn the manual operation knob (7) to “ON” position.

To regulate the gas, use the second control (1).

The appliance can be disengaged from the manual operation mechanism by means of the switch “O – I” (5).



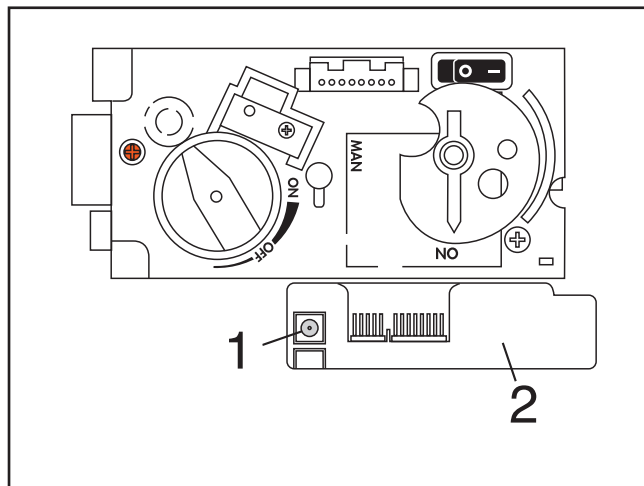
POWER SUPPLY

The receiving unit, for its operation, requires batteries that run out by frequency of use of the appliance.

To prevent the replacement (about every two years), the device can be connected to the power line connecting the power cord into the socket (1) present on the receiving unit (2).

 **Connecting the appliance to the power line network, the batteries (if present) are automatically excluded and do not activate in the event of sudden absence of the power supply.**

 **To turn the unit in case of power cut simply unplug the power cord from the socket (1) and insert the batteries into the compartment.**



MAINTENANCE

 **Clean only when it is switched off and completely cool.**

- Cleaning the upholstery

Stainless steel, wipe with a soft, dry cloth. After this first step you should use a degreaser such as acetone or vinegar diluted with water.

Painted metal, use a soft cloth dampened with water.

 **For painted metal parts do not use alcohol, paint thinner, gasoline, acetone or other substances or abrasive cleaners.**

If they use the Manufacturer assumes no liability for any damages caused: tonal variations, scratches, etc..

- Cleaning the glass

 **To clean the glass, use a soft dry cloth.**

A) Lightly wipe the cloth on the glass to remove a first layer of dirt.

B) Spray the glass cleaner to remove grease with neutral base (car shampoo, etc..) And dry with a soft cloth.

- Cleaning the ceramic logs

 **Remove each item from the apparatus, taking care not to damage it, if broken replace it immediately.**

Clean each stick with a gentle stream of compressed air, during cleaning operations to avoid a too close contact with the workpiece to prevent any damage or breakage.

 **Do not wash the logs with water or other liquids to avoid compromising the integrity and appearance.**

- Cleaning the stones

 **Remove each item from the apparatus, taking care not to damage it, if broken replace it immediately.**



ROUTINE MAINTENANCE

 **Any type of job done on the appliance must only be performed by a qualified technician and AT LEAST ONCE A YEAR.**

Cleaning the hearth

- Open the door and delicately remove all the ceramic elements.
- Delicately brush and reposition all the ceramic elements and if necessary change the damaged elements.
- Check all the door seals (including glass) and close again.
- Brush the gas outlet holes (flames) on the burner.

Check the burner and for any gas leaks

- Make sure the burner is clean and check its integrity.
- Check the gas outlet safety system. If necessary adjust the burner. The technician must also check the regulation pressure at the burner inlet.
- Check the existence of any gas leaks in the system.
- Proceed to check the ignition.

Checking the fireplace.

Check the correct operation of the fume exhaust and combustion air suction pipes.

 **Only use the Manufacturer's original spare parts. The use of non-original parts will immediately invalidate the warranty. These could also be hazardous and damage the appliance.**

 **The Appliance must only be used for the purpose intended by the Manufacturer and for which it was expressly designed and made. The Manufacturer disclaims any contractual and non-contractual liability for injuries and damage caused to people, animals or things as a result of the wrong installation, regulation, maintenance or improper use of the Appliance.**

 **Spare parts and/or technical jobs require the prior identification of the model of appliance to which they refer.**

The tampering, removal, lack of Technical Plate, etc., will not allow the correct identification of the product and will make installation operations and subsequent maintenance jobs difficult.

FAULTS AND SOLUTIONS

THE PILOT LIGHT DOES NOT IGNITE OR WORK

- Make sure the pilot burner flame is of the correct size for the type of gas used.
- The flame must converge on the thermocouple sensor.
- Make sure the pilot flame has been regulated.

THE MAIN BURNER DOES NOT WORK

- Make sure the pressure and volume of the gas supply to the appliance is adequate. Check by connecting a pressure gauge to the gas pressure point on the gas valve.
- Ignite the appliance and allow it to operate at maximum output. Close all the other gas appliances in the house and calculate the quantity of fuel burnt by reading the meter.

 **Before arranging any element, make sure burner combustion is correct. The flame must be uniform over the entire burner surface.**

THE PILOT FLAME DOES NOT IGNITE OR DOES NOT STAY ON

- Make sure the gas tap is open on the appliance and on the meter/tank.
- Keep the control knob pressed for at least 20 seconds after the ignition of the pilot flame to ensure operation of the thermocouple safety valve.
- Make sure the injector of the pilot burner is not blocked by dust or dirt.
- Make sure the thermocouple has not been damaged during transport. This electromagnetic device is in fact very delicate.
- In case of an LPG fuelled system, make sure there is gas in the tank.
- Check the efficiency of the batteries in the control unit and the remote control.
- Gently clean the ignition electrode.
- Check the connection cable of the ignition, without stretching to prevent disconnection.

Seller

.....

Street

tel.

Installer

Sir

Street

tel.

Technical Service Assistance

Sir

Street

tel.

Date	Intervention



ITALKERO S.r.l. . via Lumumba 2 . Zona Ind. Torrazzi . 41122 Modena . Italy . Tel +39 59 2550711 . FAX +39 059 4900500 . www.italkero.it

NOTA: Nel continuo perfezionamento del prodotto, le caratteristiche estetiche e dimensionali, i dati tecnici, gli equipaggiamenti e gli accessori, possono essere soggetti a variazione.

NOTE: Due to ongoing product upgrading, aesthetic and dimensional features, technical details, fittings and accessories could undergo changes and are not binding.

NOTE : En vue de l'amélioration continue des produits, les caractéristiques esthétiques et de taille, les données techniques, l'équipement et les accessoires peuvent être modifiés.

HINWEIS: Im Bestreben unsere Produkte kontinuierlich zu verbessern, können maßbezogene und ästhetische Eigenschaften, technische Daten, Ausrüstungen und Anlagen sowie Zubehörkomponenten Veränderungen unterworfen sein.