

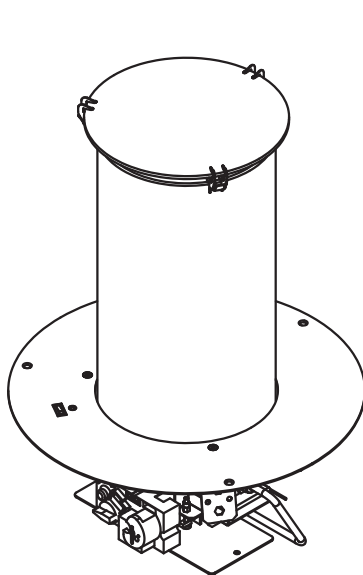


# THE FLAME

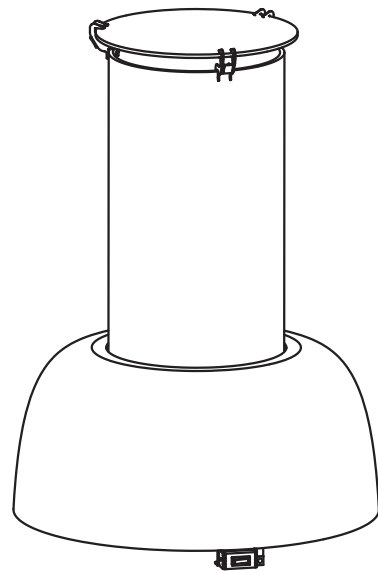
*infiring solutions*

*Gas heating*

**- gas fires logs -  
for INSIDE or OUTSIDE use**



**built in**



**freestanding**

**Plug & Play 30 ROUND**

**USER, INSTALLATION AND  
TECHNICAL ASSISTANCE**

PIN  
51CT4874

Our equipment is conforming with:

- Regulations (UE) 2016/426 (GAR)

*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*

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## 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.

## GENERAL

|                              |       |
|------------------------------|-------|
| General information          | pg. 5 |
| Fundamental safety rules     | 5     |
| Description of the appliance | 6     |
| Identification               | 6     |
| Structure                    | 7     |
| Technical data               | 8     |
| Accessories                  | 8     |
| Wiring diagram               | 9     |
| Control panel                | 10    |

## INSTALLATOR

|                             |    |
|-----------------------------|----|
| Receipt of product          | 11 |
| - Dimension and weight      | 12 |
| Installation                | 13 |
| - Positioning the appliance | 13 |
| - Placing device            | 15 |
| - Irradiation area          | 16 |
| - Installation              | 16 |
| - Cover the model           | 17 |
| - Safety                    | 17 |

## TECHNICAL SERVICE

|                           |    |
|---------------------------|----|
| - Manual control          | 18 |
| - Remote control IR       | 19 |
| - Replacing the batteries | 20 |
| - Manual operating        | 21 |
| - Power supply            | 22 |
| - Routine maintenance     | 22 |
| - Faults and solutions    | 23 |
| Useful information        | 24 |

*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 no. 46 dated 5 March 1990. 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.
-  **IMPORTANT! BEFORE LIGHTING THE APPLIANCE, CAREFULLY READ ALL THE INSTRUCTIONS AND PRECAUTIONS IN THIS BOOKLET.**
-  The ventilation openings / holes must never be partially or totally covered under any circumstances.
-  Do not use the appliance if the glass is not correctly positioned.
-  Do not use the appliance in bedrooms or bathrooms.

## 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.
-  If the unit is installed outdoors:
- Do not use in case of rain;
  - Protect the unit with the appropriate coverage during periods of non-use.
- The cover should be applied with burner off and completely cold**
- The cover should be removed before lighting the burner.**

## DESCRIPTION OF THE APPLIANCE

**This device is for decorative purposes.**

They are TYPE A independent gas appliances, recreating the warm atmosphere of the traditional flame-free fireplace.


The suction of combustion air and the exhaust of combustion fumes occurs in the room where the appliance is installed.


### - Installation OUTSIDE

If the unit is installed outdoors is not required to achieve a chimney for exhaust fan (see chap. Location of the unit).

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

The remote control features: appliance On/Off supply, heat output setting and operating condition reset after a fault.

 The device was built with materials and components to withstand humidity and low temperatures, nevertheless not be considered fully water resistant.

 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 appliance 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

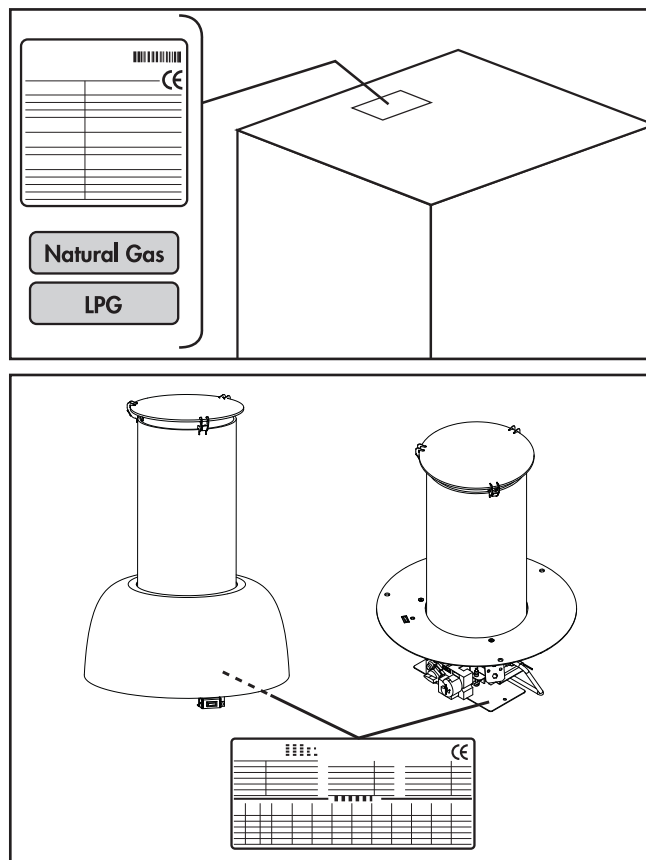
showing the serial number, the model and the main technical-performance data.

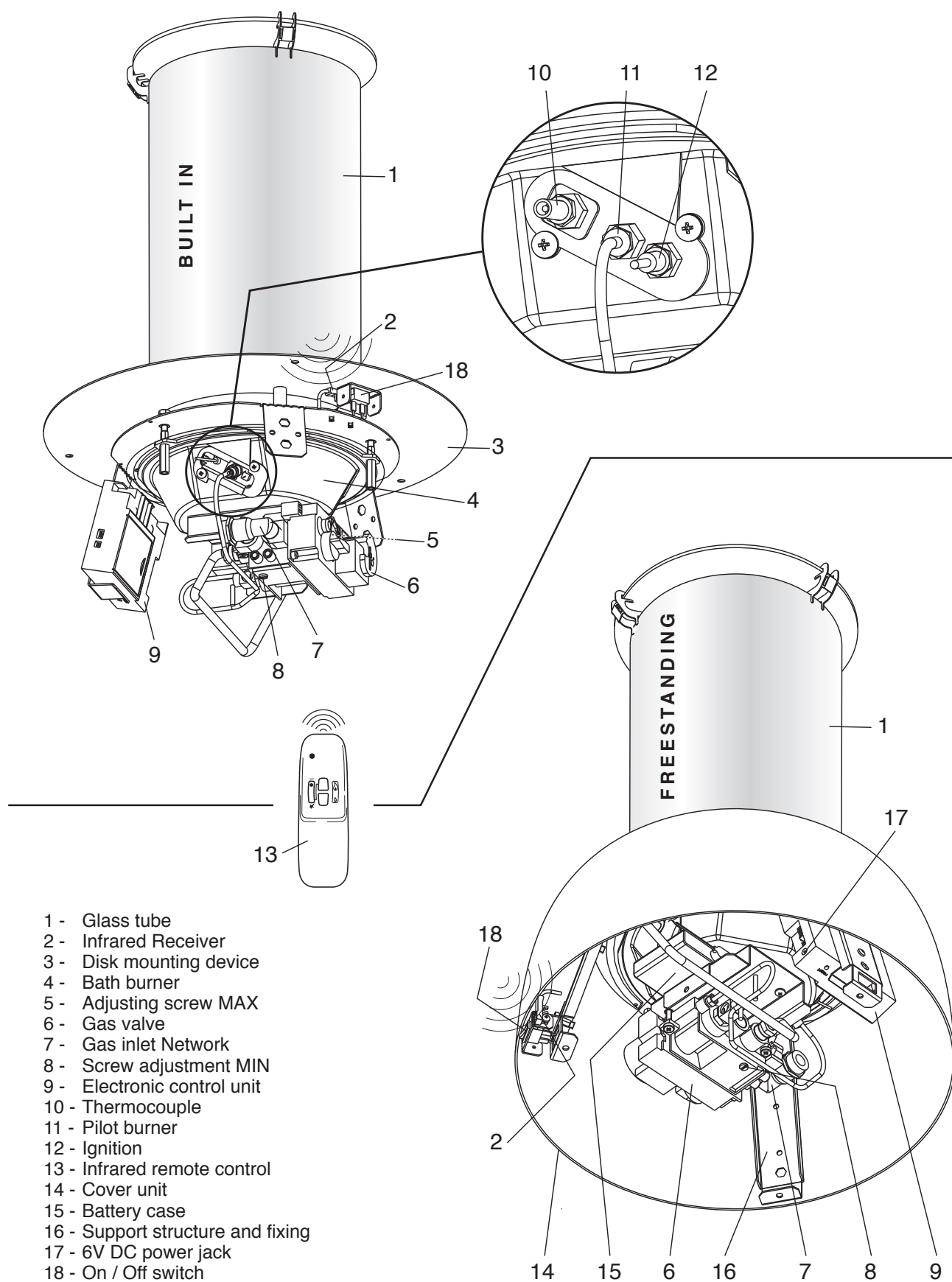
### - The gas type plate

Showing the name of the gas for which the appliance has been set and regulated.

 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.**



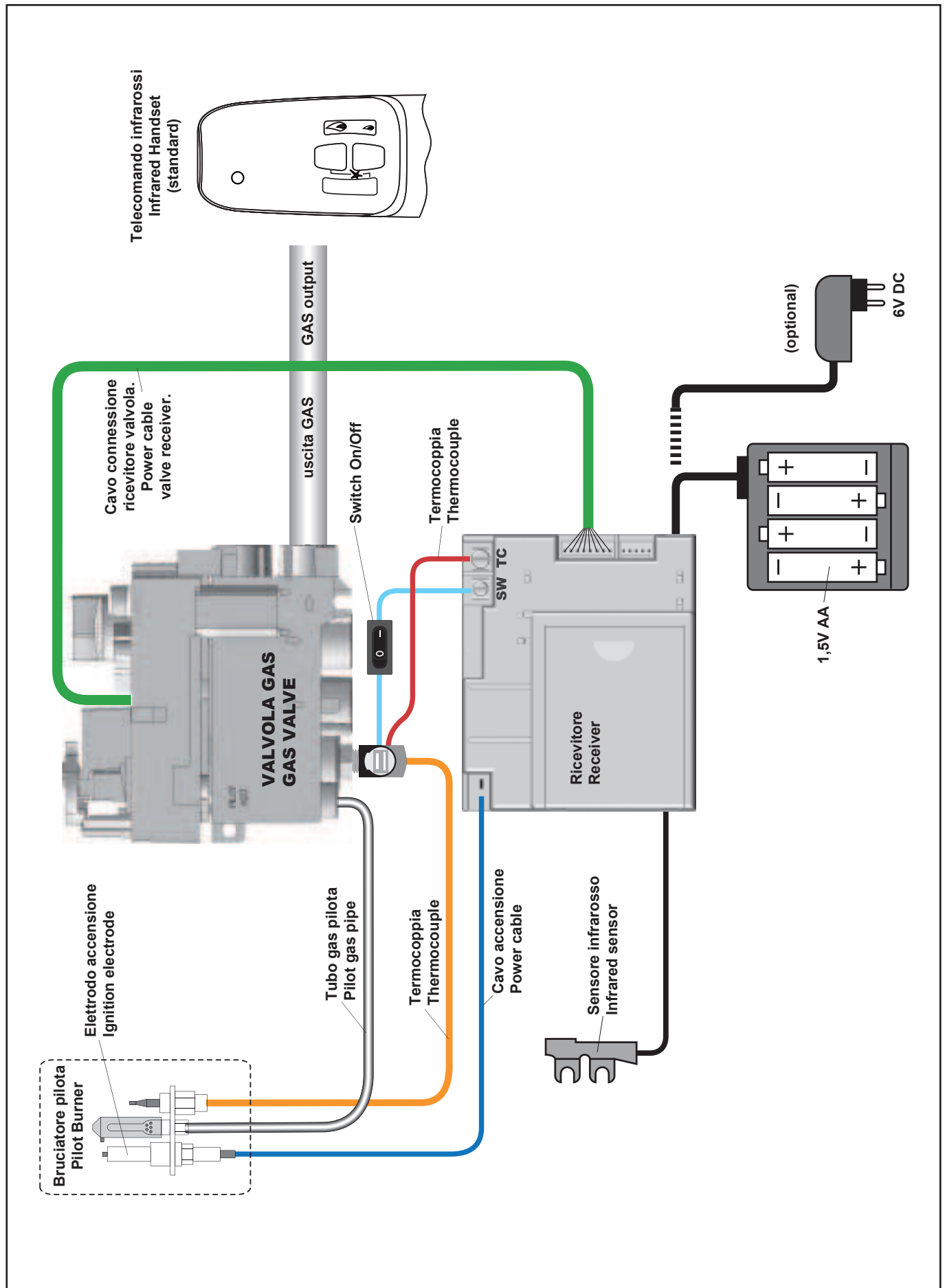


## TECHNICAL DATA

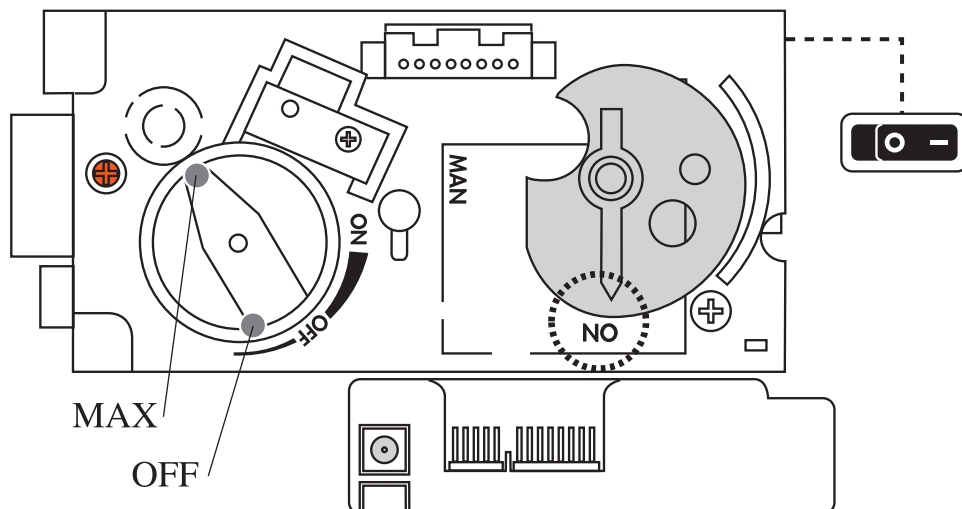
| Model                          | TN09A0**** |       | u.m.<br>cod. |
|--------------------------------|------------|-------|--------------|
| Power supply                   | G30 / G31  | G20   |              |
| Heat input Nom.                | 2,95       |       | kW           |
| Heat input Red.                | 2,50       |       | kW           |
| Press. nom. supply             | 28-30 / 37 | 20    | mbar         |
| Press. nom. nozzles            | 28-30 / 37 | 12    | mbar         |
| Press. nom. nozzles Red.       | 6,5        | 3,0   | mbar         |
| Consumption Nom.               | -          | 0,312 | m3/h         |
|                                | 236,6      | -     | g/h          |
| Consumption Red.               | -          | 0,059 | m3/h         |
|                                | 0,116      | -     | kg/h         |
| Gas category                   | I3+        | I2H   | Cat.         |
| Burner nozzle                  | 1          |       | nr.          |
|                                | 0,85       | 1,45  | Ø mm         |
| Pilot nozzle                   | 1          |       | nr.          |
|                                | 0,30       | 0,41  | Ø mm         |
| diaphragm                      | np         | np    | Ø mm         |
| Pipe gas connection            | 3/8" - Ø10 |       | Ø mm         |
| Remote control battery (nr. 1) | 9V PP3     |       | tipo         |
| Receiver battery (nr. 4)       | 1,5V AA    |       | tipo         |
| Protection                     | IP20       |       |              |

## ACCESSORIES

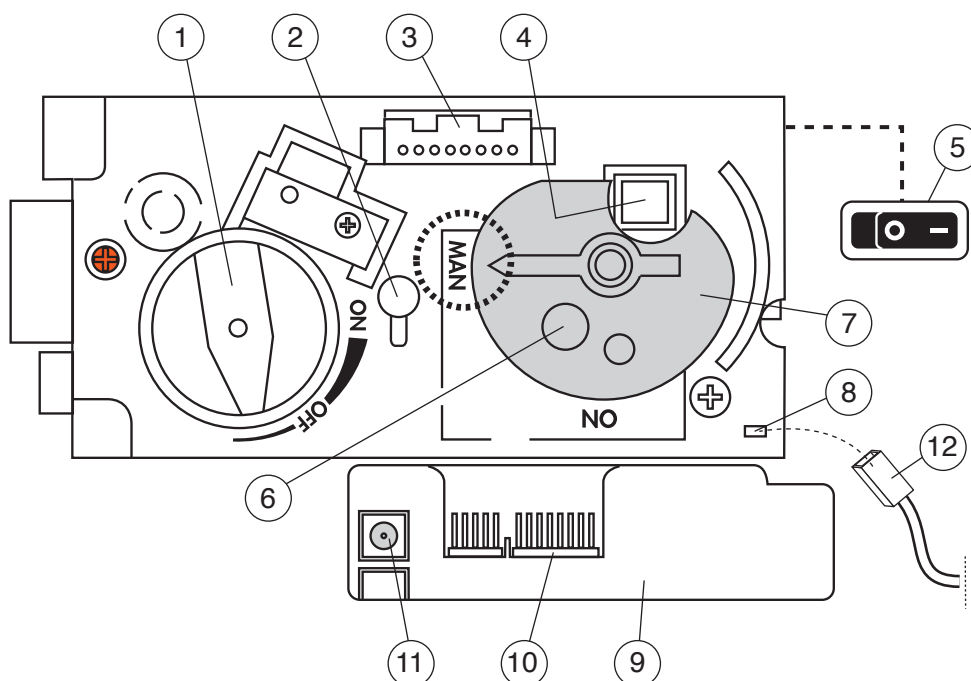
| DESCRIPTION    |
|----------------|
| LED lights kit |



Automatic operation position with REMOTE CONTROL



MANUAL Operation position

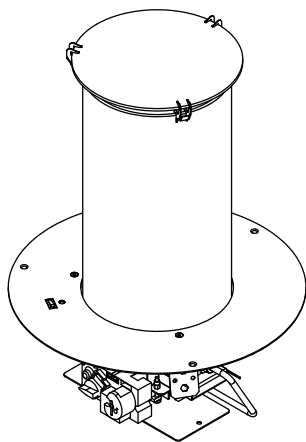


- 1 - Adjustment knob
- 2 - MAX gas adjustment screw
- 3 - Flame control Valve/Board connector
- 4 - Piezoelectric ignition button (emergency)
- 5 - O-1 switch
- 6 - Magnet switch for manual operation (emergency)
- 7 - Manual operation position knob
- 8 - Piezoelectric connector wire
- 9 - Flame control 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

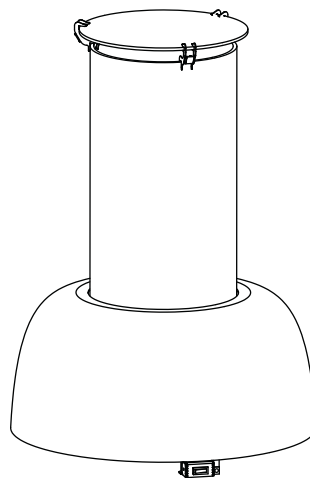
The model comes with:

- No. 1 Appliance
- No. 1 Remote On/Off Standard
- No. 1 Bag of documents:
  - No. 1 Instructions for the User
  - No. 1 Instructions for the installer
  - No. 1 Warranty
  - No. 1 Labels Warranty

### BUILT IN

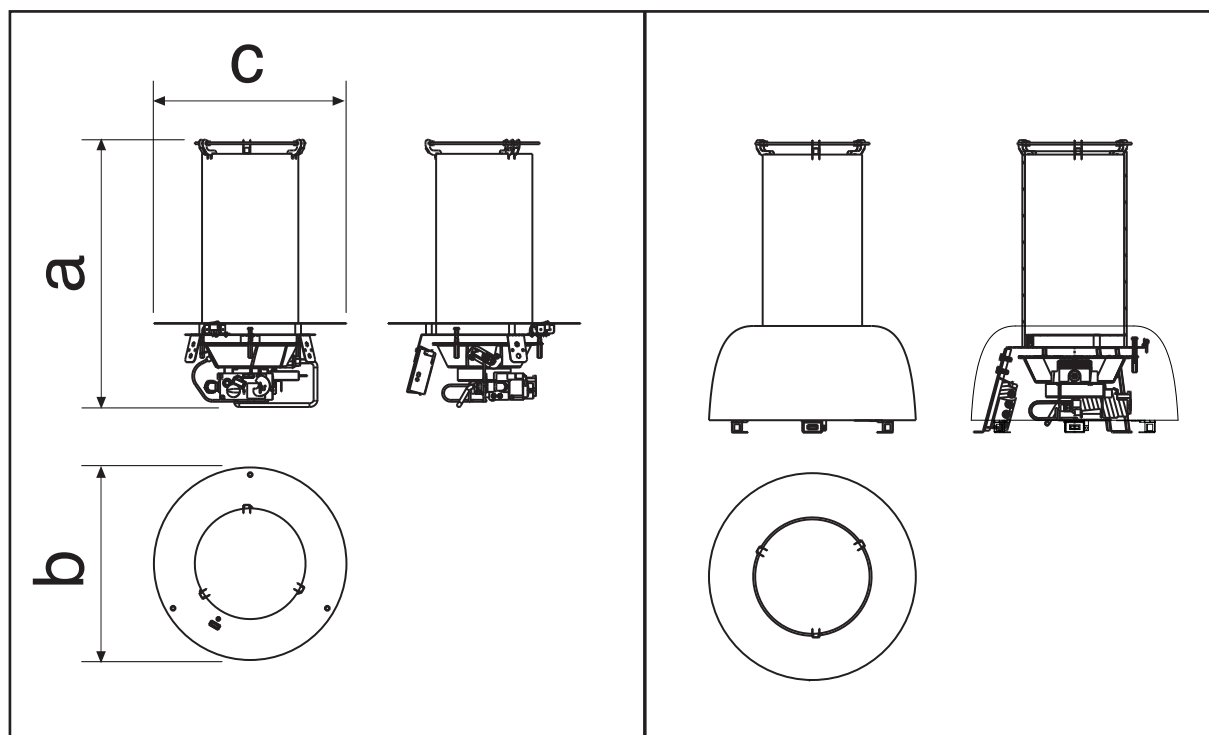
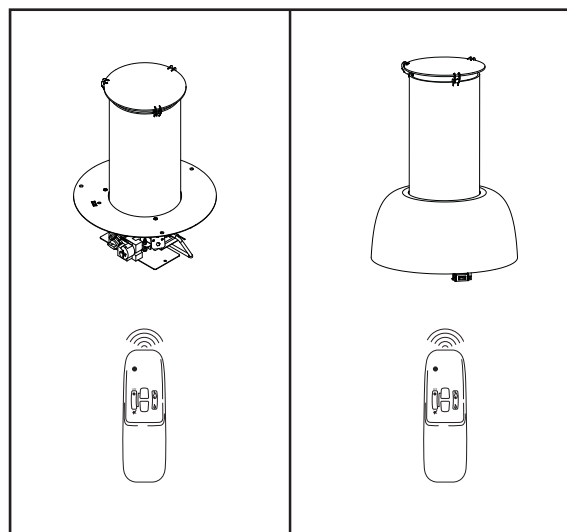


### FREESTANDING



## DIMENSION AND WEIGHT

| DESCRIPTION  | BUILT IN | FREESTANDING |    |
|--------------|----------|--------------|----|
| Width ( C )  | 400      | 415          | mm |
| Depth ( B )  | 400      | 415          | mm |
| Height ( A ) | 555      | 589          | mm |
| Net weight   | 4        | 4            | kg |



## GENERAL INFORMATION

- 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 on hot surfaces.
- 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.

## POSITIONING THE APPLIANCE

**!** This device must be installed according to the rules in force and used only in an adequately ventilated. See the instructions before installing and using this appliance outdoors.

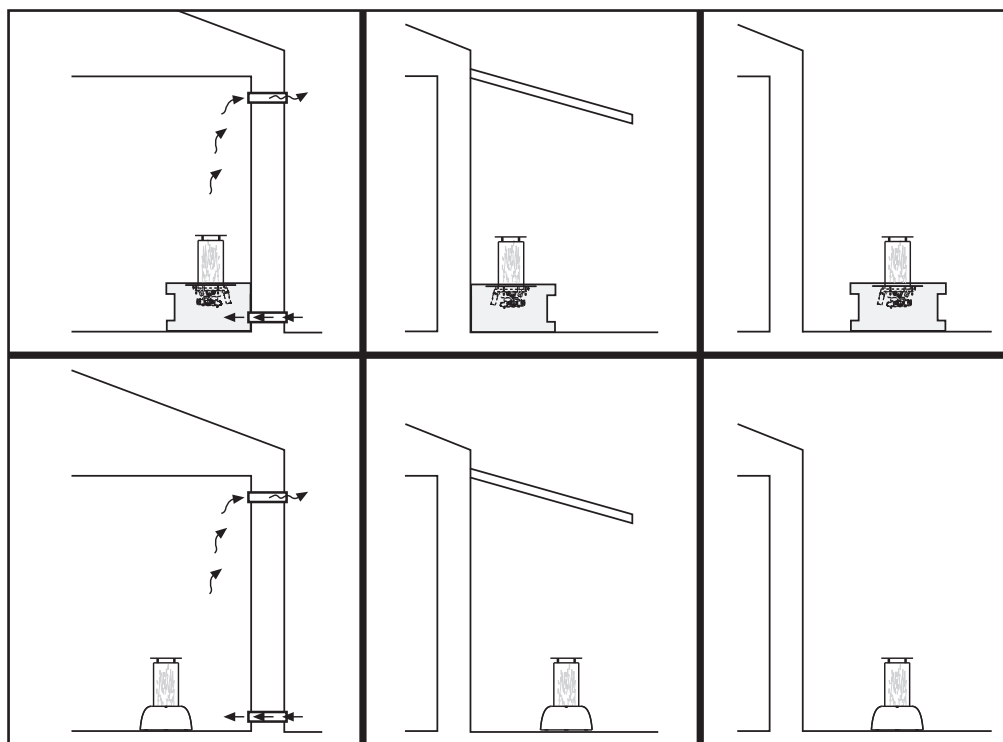
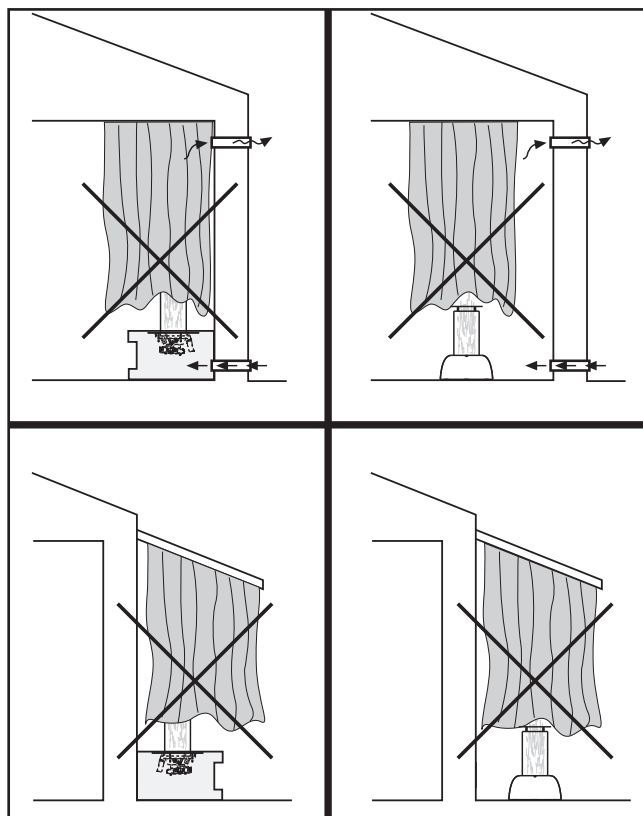
Installable in any type of premises (outdoors) except garages and combustible or inflammable material warehouses.

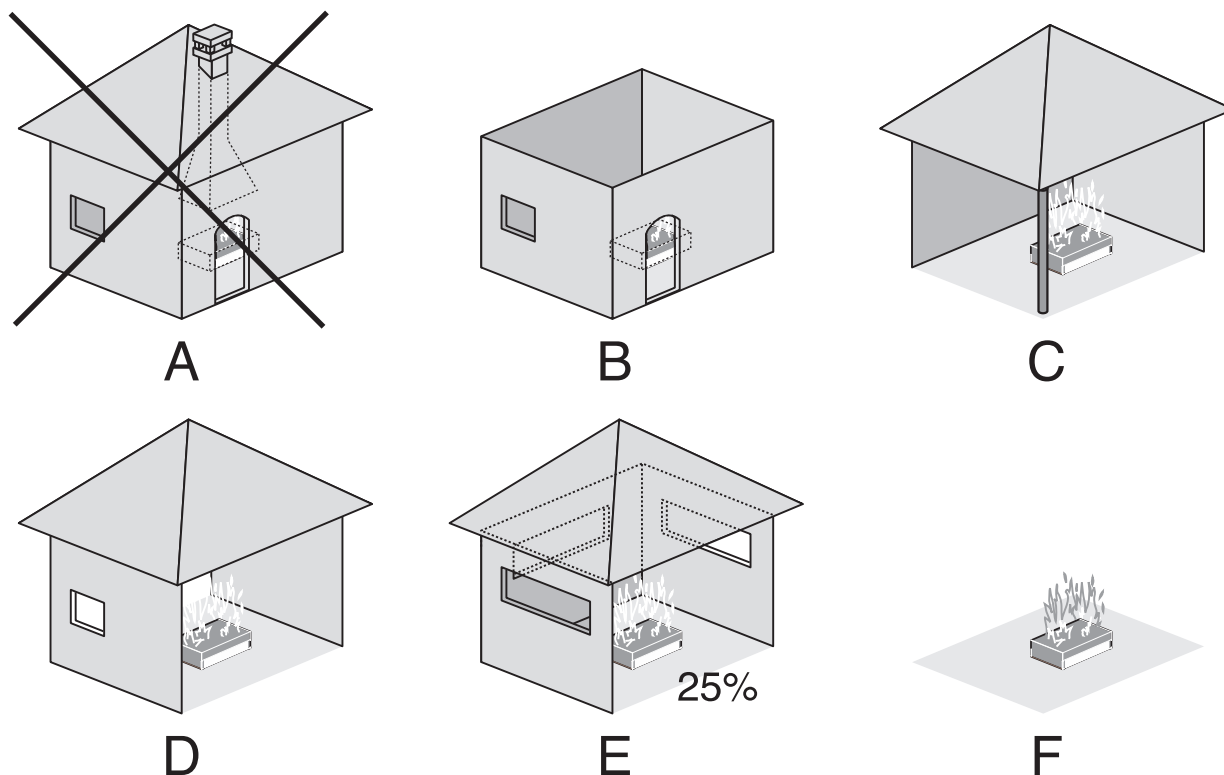
Before proceeding with the masonry works, make sure the floor has adequate load-bearing capacity and that there is room enough for the correct operation of the gas Appliance as well as its maintenance. Make sure there is no wood matchboard, plastic material, etc., that is not heat resistant.

### Gas supply

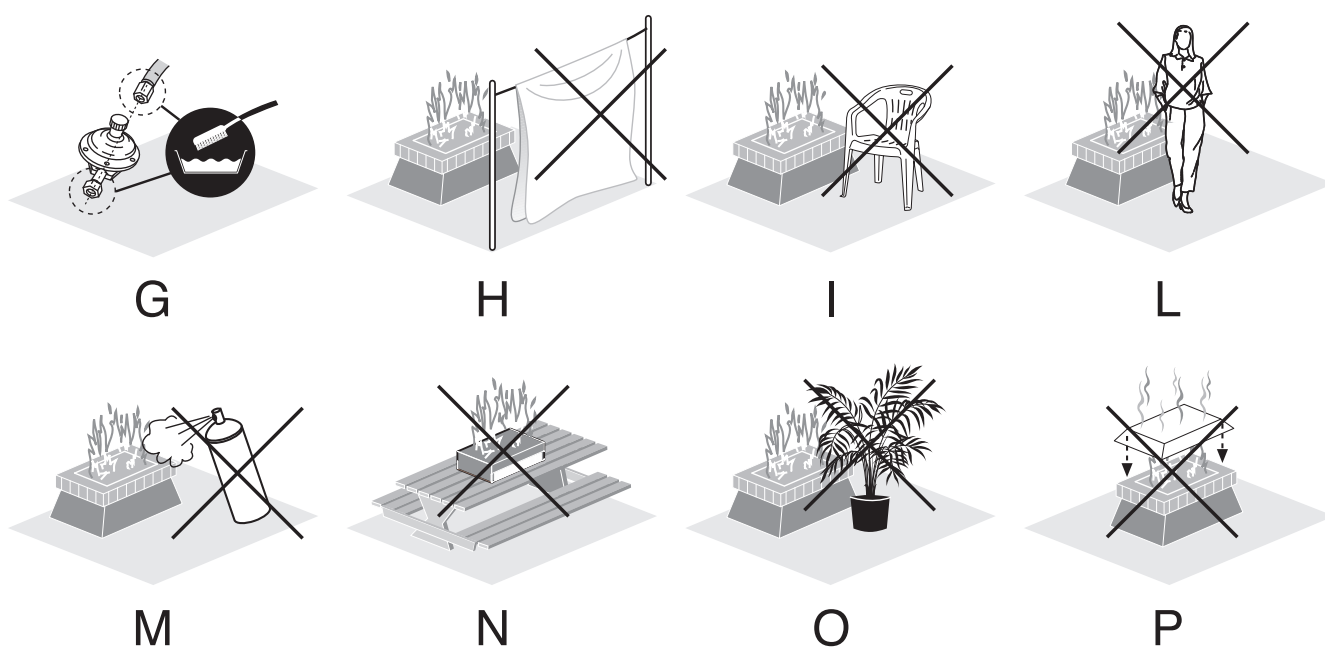
The correct operation of the appliance also depends on the size of the pipes.

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





- A) installed inside a closed environment with or without chimney.  
 B) For outdoor installation without the roof.  
 C) outdoor installation, with no two adjoining walls.  
 D) outdoor installation, with no two opposite walls.  
 E) outdoor installation, with at least 25% of the open area.  
 F) outdoor installation.



- G) before being put into operation, check and repair any leaks in the connections between the appliance and the gas pipe.  
 H, I) may not place flammable materials in front of the unit, comply with the safety distances (see chap. Area of radiation).  
 L) may not get too close or touch the appliance in operation or if it is off but still warm.  
 M) Do not spray any product depending on the unit or if it is off but still warm.  
 N) Do not install the appliance on mobile and not firmly anchored to the ground or on a wall.  
 O) may not place animals or plants in front of the unit.  
 P) may not place the cover on the unit still running or if it is off but still warm.

## PLACING DEVICE

The device can be installed in two modes, depending on technical or aesthetic:

A - freestanding

B - built-in

### A - FREESTANDING

In this case, the device must always be fixed and leveled horizontally.

**!** Once positioned, verify that the device is not easily movable, so as to prevent an accidental release of gas supply pipe.

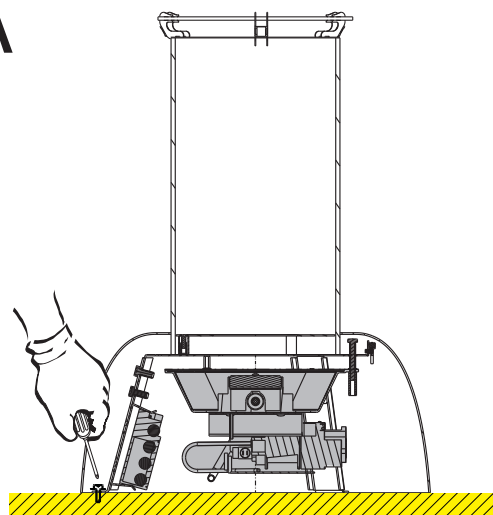
### B - BUILT IN

B1) In this case, the appliance is incised and fastened to the floor.

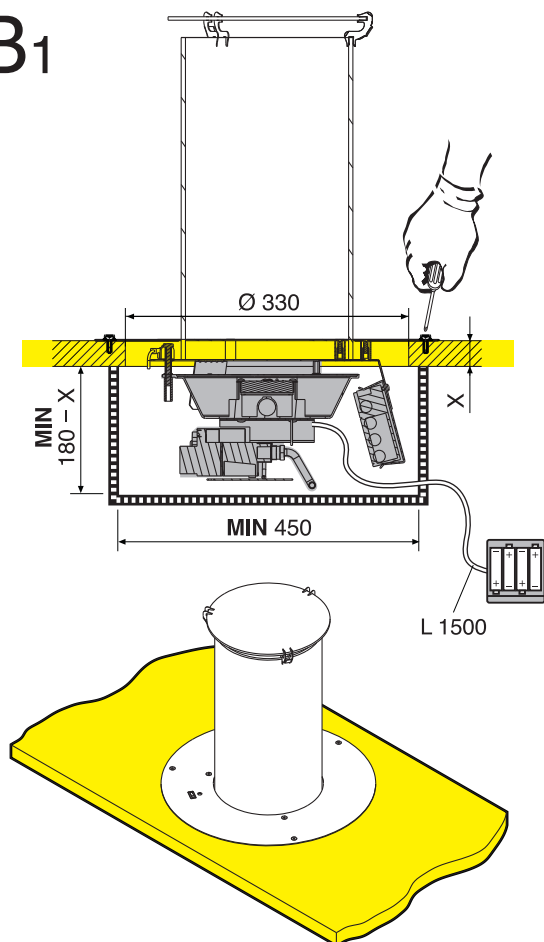
B2) In this case, the appliance is recessed and secured from beneath the floor.

**!** Connect the gas valve to the network with a hose so as to allow the adjustment or the possible replacement in case of failure. To access the burner unit simply remove the top grille.

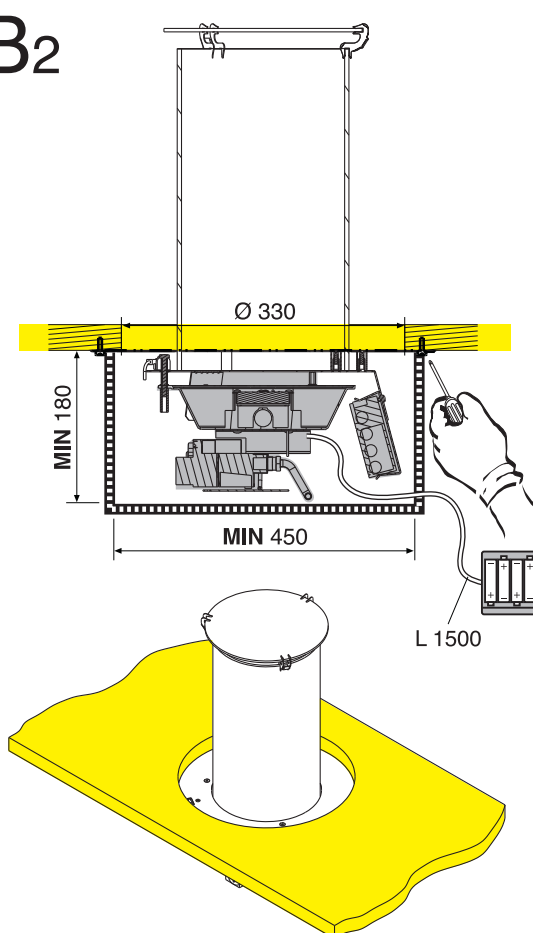
A



B<sub>1</sub>



B<sub>2</sub>



## RISK AND IRRIGATION AREA

**!** In this unit there are open flames, use a suitable shelter for the protection of children, the elderly and the handicapped.

**!** 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.

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

**!** Always provide an easy to remove area on the opposite side or covering to allow any inspections, cleaning or repair of hidden areas.

## INSTALLATION

Before going ahead with installation, make sure the data in the Appliance plate correspond to the gas supply type and pressure.

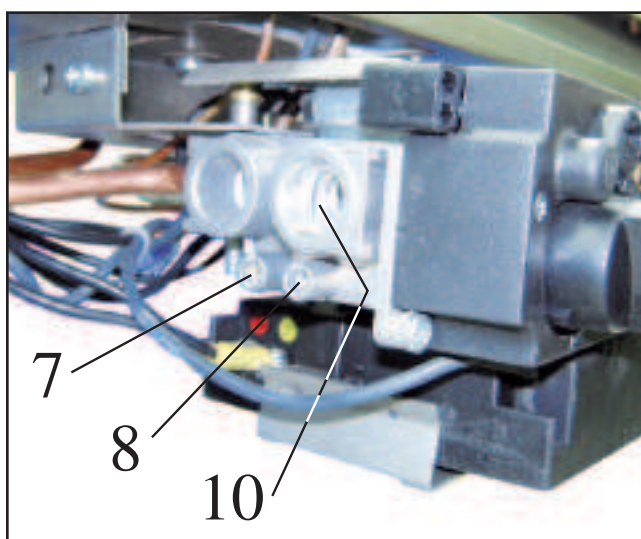
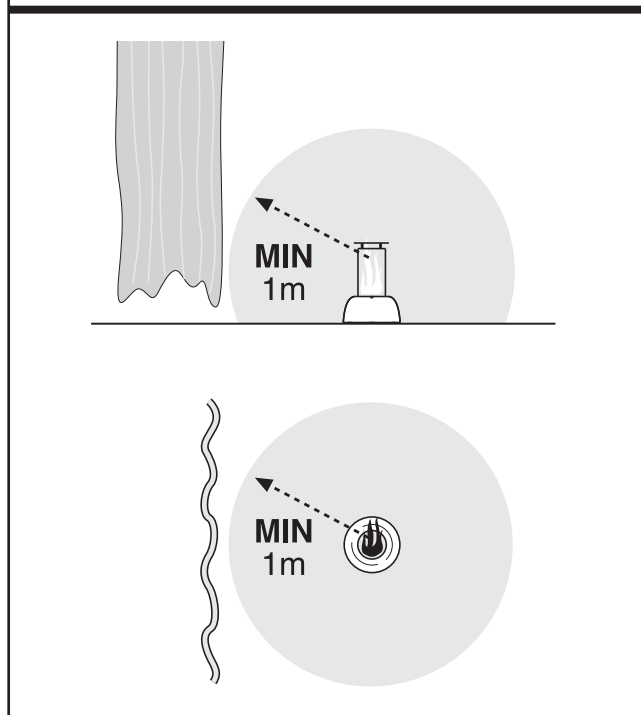
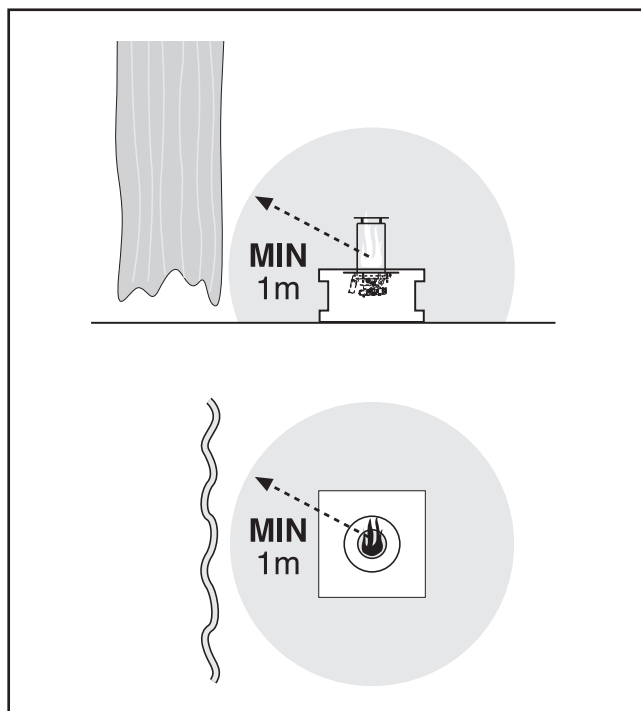
Only skilled personnel should make the gas connections in compliance with applicable regulations. Make sure the gas supply pipe is of suitable capacity and that it features an easy-to-access on/off tap close to the appliance.

### Installation

- Securely fasten the device to the floor.
- 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, check carefully:

- Keeping the Device;
- 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).



## COVER THE MODEL

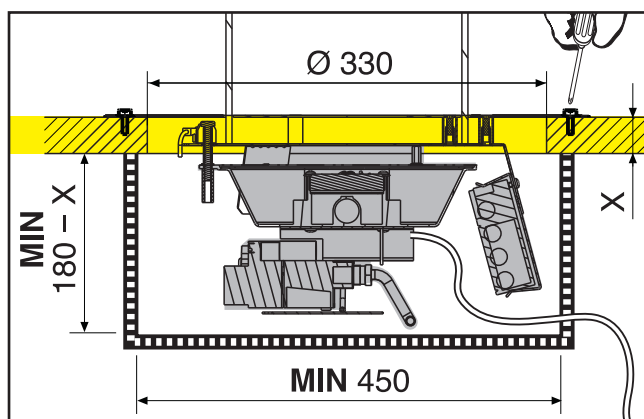
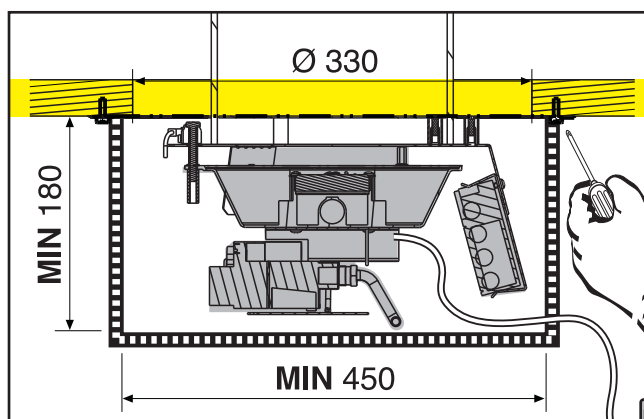
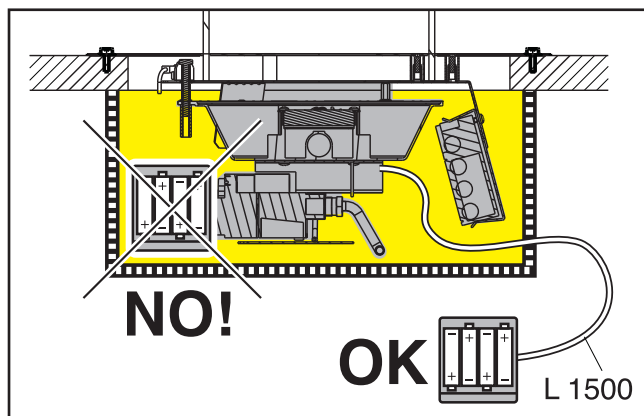
⚠ Install the device without the use of cement or other adhesives for the building that may prevent the eventual removal.

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

⚠ Place the stack in the outer position of the coating counterparts to prevent damage to the heat produced by the burner unit.

## installation

- Check the tightness of the pipes and gas fittings;
- Check the electrical connections (if any);
- Verify the correct operation of the Device;



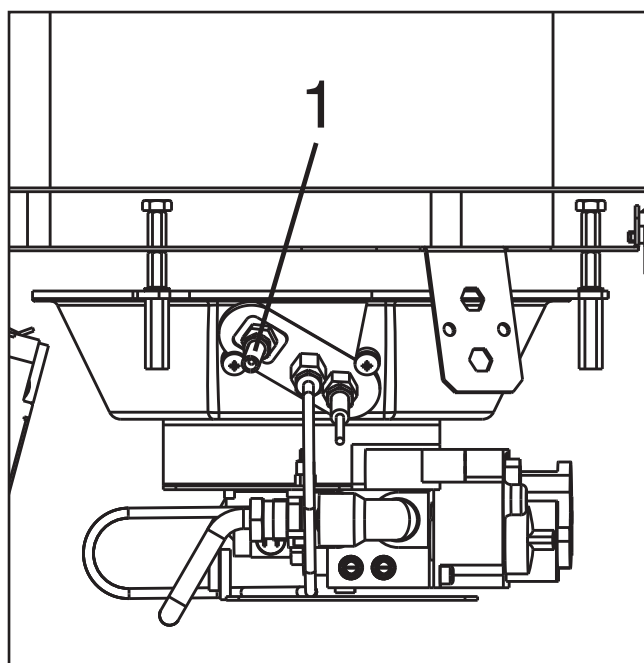
## SAFETY

This device has one safety device:

- Thermocouple (1)

### Thermocouple

In case of accidental extinguishing of the flame or sudden lack of gas supply, this device provides the immediate closure of the valve off and then the Device.



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

**⚠ 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.**

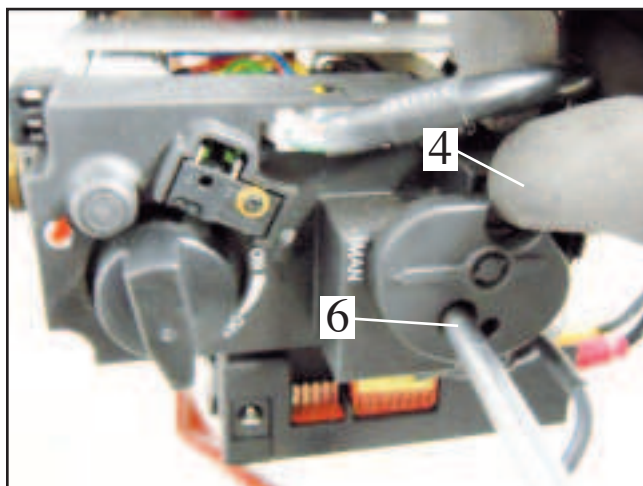
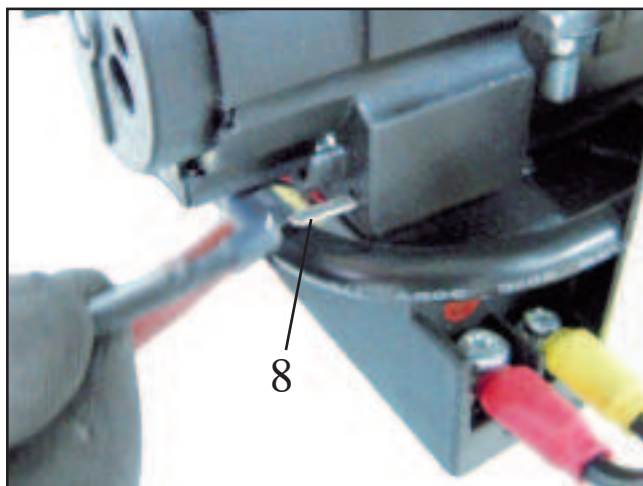
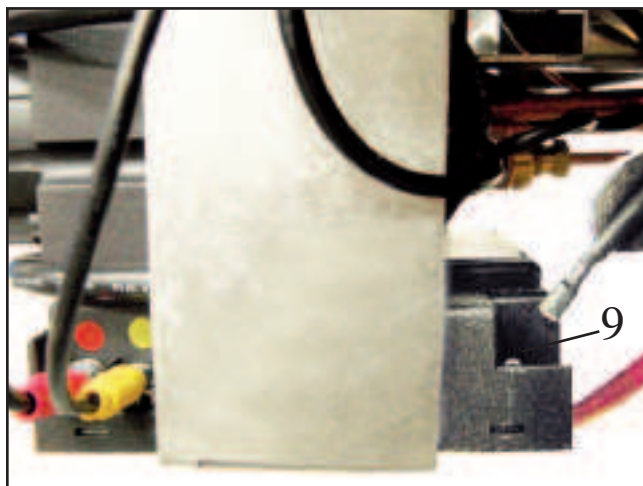
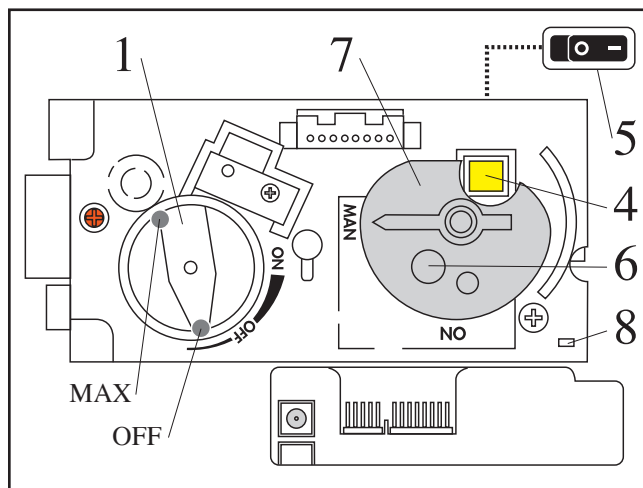
#### MANUAL CONTROL (without remote control)

**⚠ 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.**

##### 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 Switch pressed;
- Press the piezoelectric ignition button (4), with the magnet Switch pressed, until the pilot flame comes on. Keep the magnet Switch pressed for about 10 seconds, to allow adequate heating of the Thermocouple;
- Remove the screwdriver and release the magnet Switch;
- 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.**



### 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.

### 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"**.
- Point the remote at the device and simultaneously press the **"SPARK"** and **"Triangle ON"** on the supplied remote.
- 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.

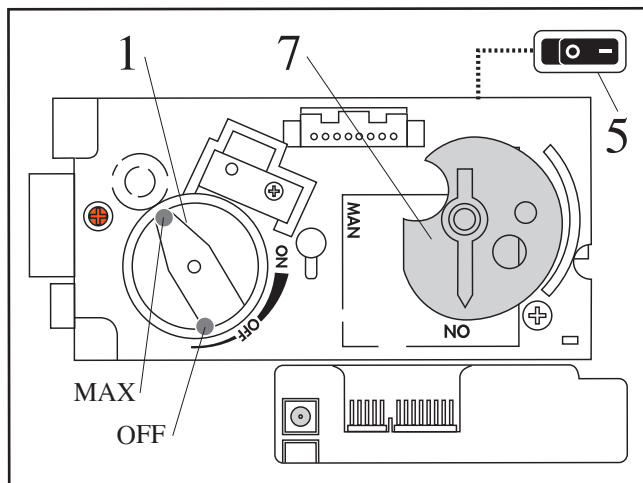
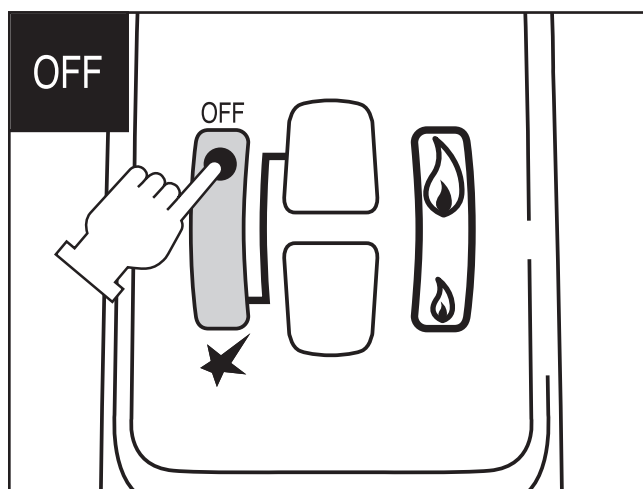
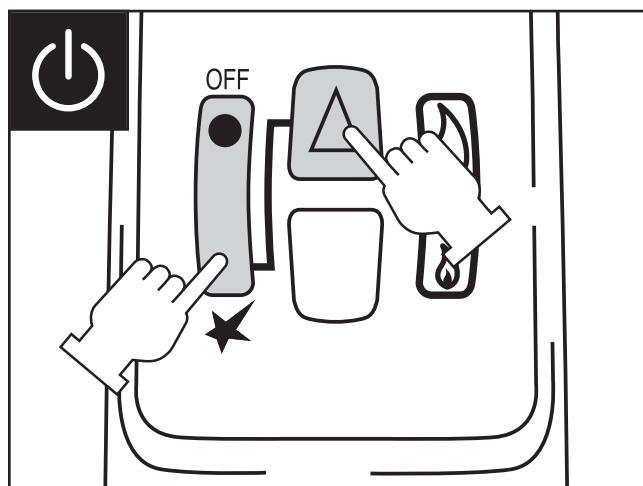
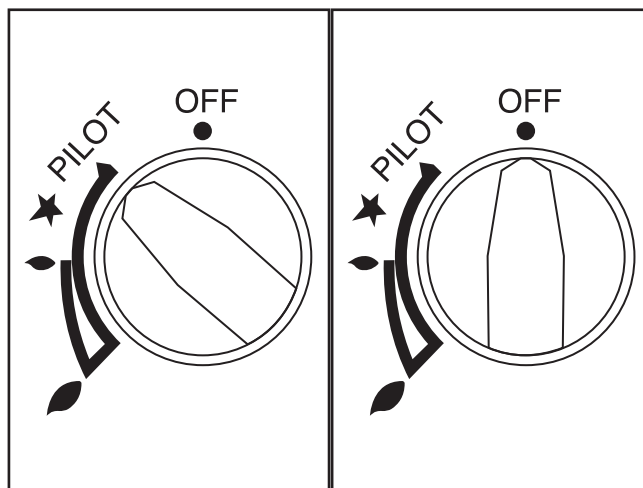
**⚠ If the pilot flame goes out, wait at least five minutes before repeating the described operation. During the start phase, the knob of the manual operation mechanism must be on **"ON"**.**

#### Operation

**⚠ 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.



### Regulation

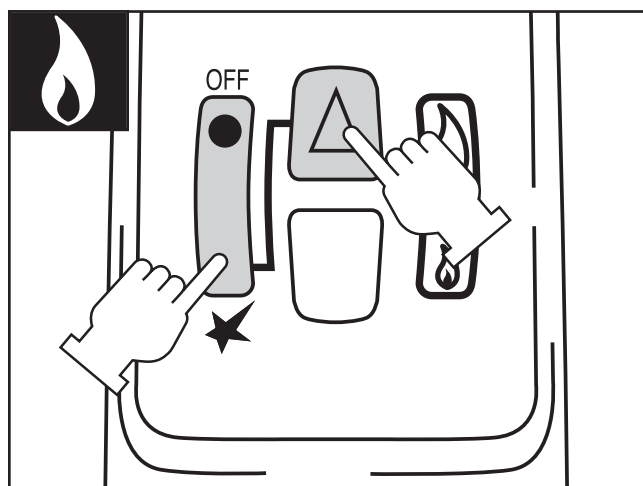
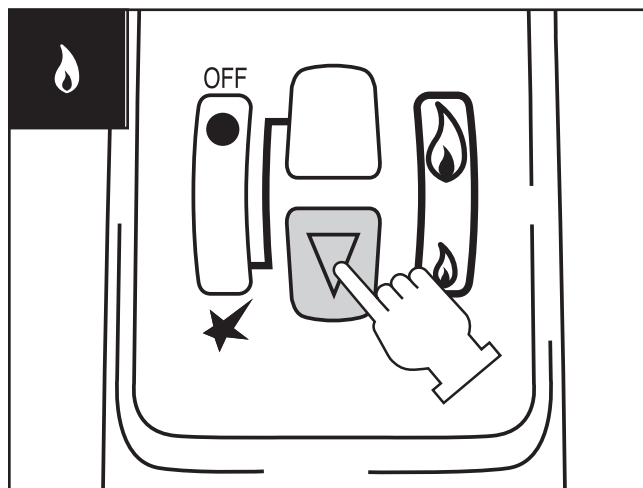
This appliance has one types of remote control **BASIC model** (supplied) with Off and flame increase and decrease keys;

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.

- Press "**triangle UP + SPARK**" to raise the intensity of the flame.

⚠ **The increase in the intensity of the flame through the use of two keys is a safety feature designed by the manufacturer to avoid sudden and accidental blazes.**



### 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.

#### Replacement

- Clean up and remove the cover plate;
- Remove the battery case;

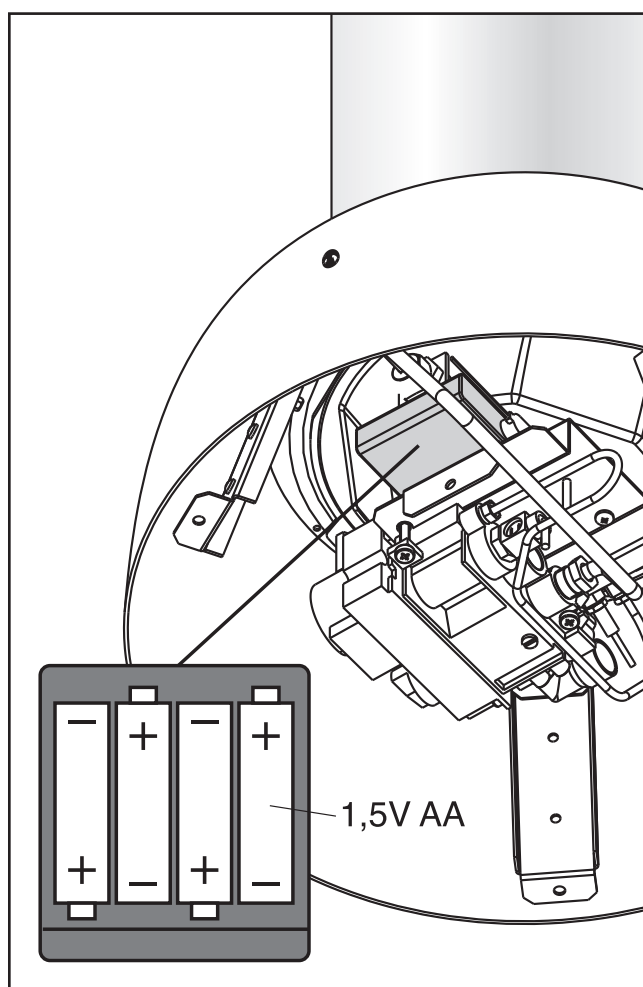
⚠ **The battery case, thanks to the included cable, must always be situated away from the burner or other heat sources.**

- Remove the locking screw of the cover to access the battery compartment;
- Replace the batteries;
- Reassemble in reverse order of removal.

⚠ **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.**




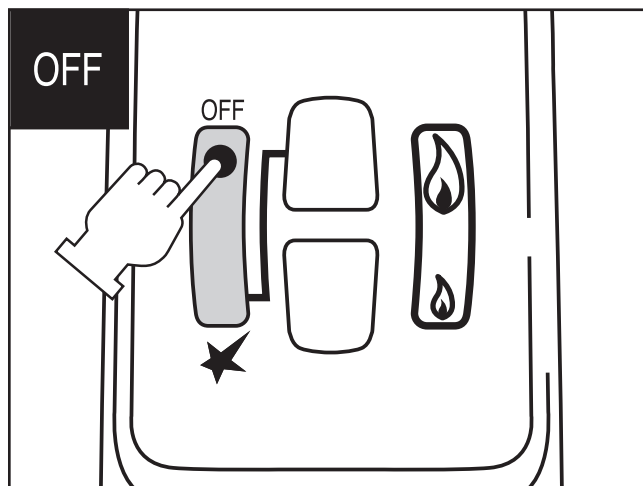
### Final switch-off

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

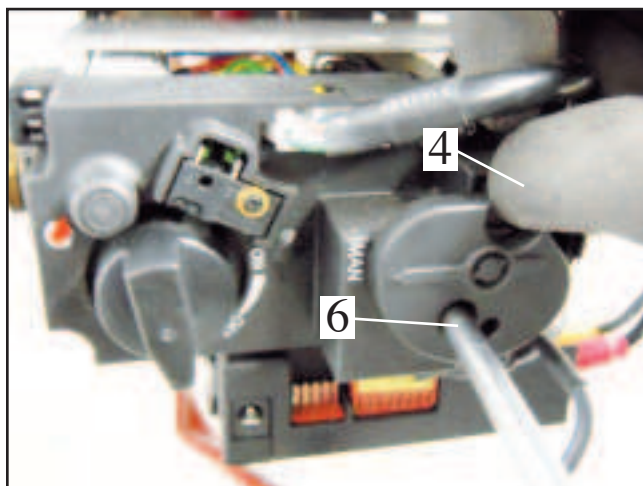
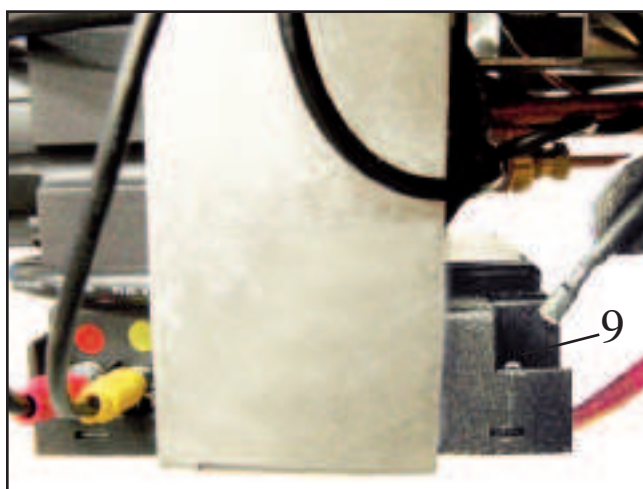
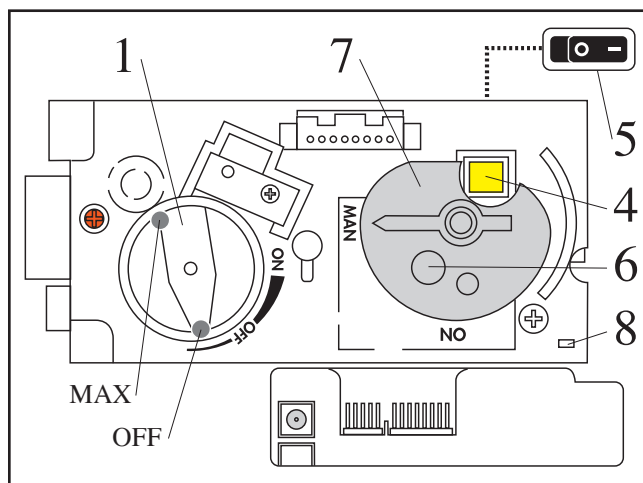
- Disconnect the lead that connects the receiver unit to the piezoelectric (9) and connect this to the connection (8) on the gas valve.
- Turn the manual operation knob (7) to “MAN” position. In this position, access is freed to the magnet switch (6) and to the piezoelectric spark plug (4).
- Light the pilot flame keeping the magnet switch (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 switch 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).

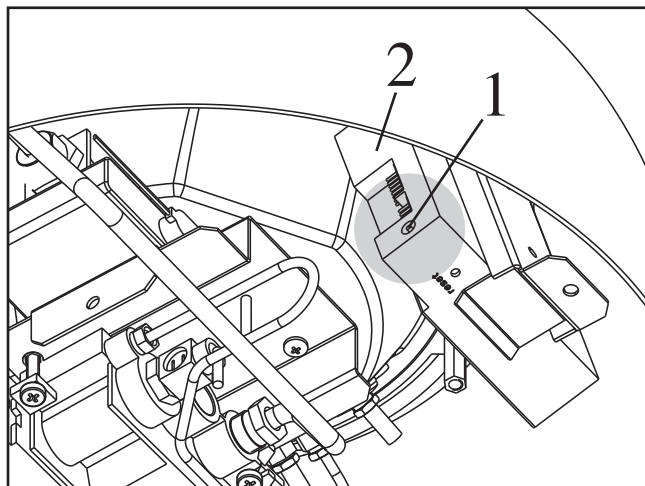
The appliance can be disengaged from the manual operation mechanism by means of the switch “O – I” (5).




## 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).




## MAINTENANCE

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

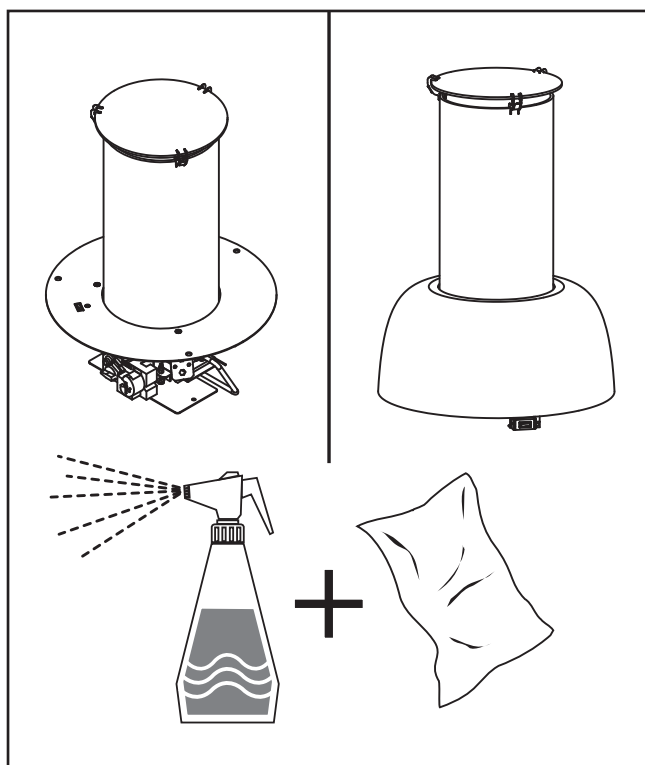
### - Cleaning the upholstery

**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..**



## 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**

- 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.

 **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.