

**INSTALLATION, USE AND MAINTENANCE****CE 0051****EN**

Translation of the original instructions (in Italian)

**WARNING****MACHINE FACTORY-FITTED FOR OPERATION WITH FUELING:****NATURAL GAS (G20)**The use with different gas supply without proper transformation is extremely **DANGEROUS**

It is compulsory to read the contents of this manual before proceeding with installation, use and maintenance.

The intended use of this gas equipment is the direct heating of the rooms in which it is installed, within residential, civil, commercial and industrial buildings.

Any other use is forbidden, including heating of technical rooms.

Dear Sirs,  
thank You for choosing and buying one of our products. Please read these instructions carefully in order to properly install, operate, and maintain the product.



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**WARNING**

We inform users that:

- Gas convective stoves shall be installed by an authorised company under the requirements set forth by the prevailing rules, in full compliance with the prevailing regulations and standards.
  - Anyone entrusting installation to an unqualified installer will be subject to administrative sanctions.
  - Gas convective stoves must be maintained by qualified personnel only, under the requirements set forth by the prevailing rules.
- 



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**WARNING**

According to European Directive 2012/19/EU on waste electrical and electronic equipment (WEEE) the crossed-out wheeled bin symbol indicated on the gas convective stove and on the package means that the stove, at the time of its decommissioning, must be collected and disposed of separately from other waste (see *Decommissioning, disassembly and disposal*).

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We hereby inform you that certain models, versions and/or accessories relevant to the products this manual refers to, might not be available in some countries.

Therefore, it is recommended to contact the manufacturer or the importer in order to get the necessary information about the actual availability of such models, versions and/or accessories.

The manufacturer reserves the right to modify the products and/or its components as deemed necessary, in any moment and without prior notice.

This instruction manual is available in two languages, Italian and English, without prejudice to the prevalence of Italian language in case of differences in translation and/or dispute on construction of the text.

## General notes for installing and maintenance technicians, and users

This instruction manual is an integral and essential part of the product. It shall be supplied by the installer to the user who shall keep it carefully to consult it whenever necessary.

This document shall be supplied together with the equipment in case the latter is sold or transferred to others.

Any reference to law, regulations or standards in this manual is for information purposes and only refers to the date of going to print.



### WARNING

**The intended use of this gas equipment is the direct heating of the rooms in which it is installed, within residential, civil, commercial and industrial buildings.**

**Any other use is forbidden, including heating of technical rooms.**



### WARNING

**This equipment must be installed by qualified personnel.**

**Qualified personnel includes staff having specific technical competence in the field of parts of heating systems for civil use, or qualified according to prevailing law.**

**The installation by unqualified personnel is forbidden.**



### WARNING

**This equipment must be installed in compliance with the requirements of the technical standards and legislation in force relating to gas appliances, particularly with reference to ventilation of the premises.**

**Any installation that does not comply with the requirements of the technical standards and legislation in force is forbidden.**



### WARNING

**This equipment must be installed according to the manufacturer's instructions given in this manual. Incorrect installation may cause injury to persons and/or animals and damage to property. The manufacturer shall not be held liable for any such injury and/or damage.**



### WARNING

**This equipment must be correctly and safely connected to an electrical system compliant with the existing technical standards.**

**Any incorrect and unsafe connection to the electrical system is forbidden.**

**It is forbidden to connect the boiler to an electrical system lacking a differential switch to protect the equipment power line.**

**Any connection to an electrical system lacking a proper grounding system is forbidden.**



### WARNING

**The equipment is supplied with a three-poled power cable, already connected to the electronic board and it is provided with a safety clamp.**

**This equipment must be connected to a 230V power supply network, as indicated on the label affixed to the power cable.**

**WARNING**

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This equipment must be connected to a gas distribution system which complies with the existing technical standards. Check the gas system state of conservation before installing the equipment.

Any connection to a gas system which does not comply with the existing technical standards is forbidden.

When connecting the boiler to gas supply network, it is compulsory to install an appropriately sized gasket made from suitable material.

The boiler gas inlet coupling is not suitable for hemp, teflon tape or similarly made gaskets.

After connecting the equipment, check the connection for tightness.

Once gas is in the pipes, leak test by a naked flame is forbidden; use specific products available on the market.

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**WARNING**

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With gas fired boilers, take the following measures if you smell gas:

- Do not turn on or off electric switches and do not turn on electric appliances.
- Do not ignite flames and do not smoke.
- Close the main gas cock.
- Open doors and windows.
- Contact a Service Centre, a qualified installer or the gas supply company.

Never use a flame to locate a gas leak.

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**WARNING**

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Carefully read the instructions relating to air intake and flue gas venting systems in the specific section of this manual.

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**WARNING**

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It is compulsory to use the supplied seals to seal the equipment intake and vent pipes.

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**WARNING**

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It is compulsory to fasten the intake and vent terminals to the external wall using the supplied screws.

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**WARNING**

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The equipment is designed for installation in the countries indicated on the technical data plate which is applied both to the package and the equipment itself: installation in any other country may be a source of danger for people, animals and/or property.

The manufacturer will bear no contractual and tortious liability for failure to comply with all the instructions above.

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**WARNING**

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In the event of long periods of inactivity of the boiler, disconnect it from the electrical power mains and close the gas cock.

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After removing the packaging, make sure that the content is not damaged. When in doubt, do not install the equipment and contact the supplier.

**WARNING**

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Packaging elements (cardboard, clips, plastic bags, foam polystyrene, etc.) should not be left within the reach of children as they are potential hazard sources.

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**WARNING**

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To ensure equipment safe, efficient and proper operation, have qualified personnel carry out an annual maintenance. Only use original parts for all repairs to the equipment.

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**WARNING**

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In the event of failure and/or faulty functioning, switch off the boiler. Do not attempt to make repairs: contact qualified technicians.

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**WARNING**

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Manufacturer's liability is excluded for loss or damage to persons, animals and/or property resulting from or consequent to an evident danger for the user because, as such, it would have been avoidable by disconnecting the power supply and closing the gas tap.

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The user is strongly advised to have the product serviced and repaired by a service centre or qualified personnel.

**WARNING**

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The user may only access parts of the equipment that can be reached without using special equipment or tools. The user is not authorised to remove the equipment casing or to operate on any internal parts.  
The user can use the equipment only when casing is installed and fastened.

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**WARNING**

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The manufacturer cannot be held responsible for any damage caused by inappropriate equipment installation or operation, modification to the equipment, or due to failed/poor maintenance, non-observance of the instructions provided by the manufacturer or of legislation and standards applicable for the materials installed.

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# 1. Instructions for the user



## WARNING

To ensure maximum efficiency and safe functioning of the appliance, it is advisable to entrust the testing and initial start-up operations to qualified personnel.

### 1.1 Control panel

Push on the right-hand side to open the control panel door, as shown in the figure.

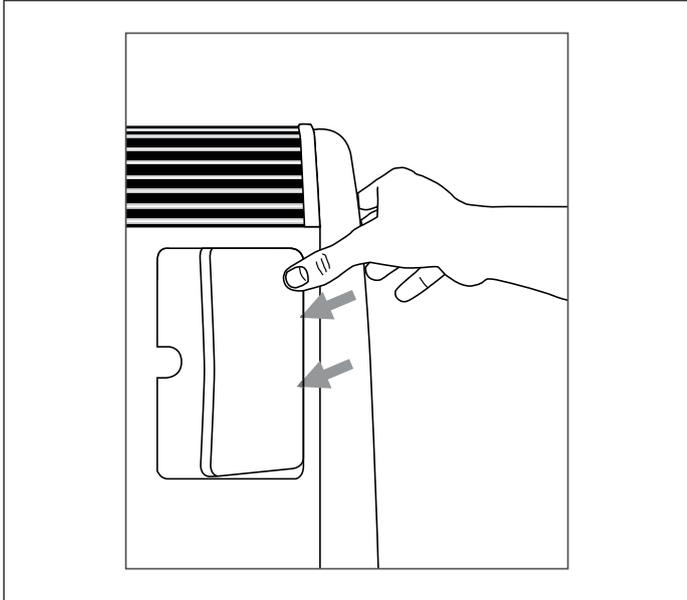


Fig. 1

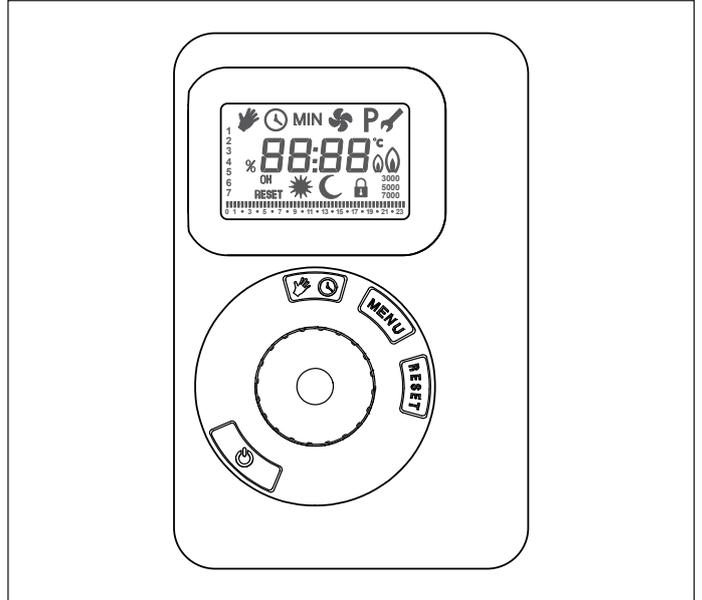


Fig. 2

Key	Mode
	ON/OFF
	Manual operation / Automatic operation
	Delayed switch-off function
	Flue cleaning function
	Menu
	Resume operation
	Keypad lock
	Programming the main board parameters
From OFF condition	Programming the display parameters
	Parameters and temperature setting knob

## 1.2 Equipment operation

### 1.2.1 Equipment start-up

Open the gas tap.

Make sure that the equipment is connected to the power mains.

OFF is displayed.

Press key  to turn the equipment on in manual mode: the start-up is signalled by 2 high beep sounds and by the following data appearing on the display:

- equipment model at bottom right: 3000, 5000 or 7000
- a hand indicating manual mode at top left
- two central digits indicating the set temperature level
- the sun indicating that equipment is in comfort mode



In manual mode, the equipment stays always on until the set temperature level is achieved.

When there is a request for burner ignition, the flashing symbol  is displayed.

When the burner is on, the symbol  is steady on.

When the burner is on at maximum power, the symbol  is displayed.

The second flame blinks when toggling between operation at minimum power and operation at maximum power.



To set desired temperature, see paragraph *Temperature setting*.

To set equipment operation to automatic mode, see paragraph *Automatic operation*.



#### WARNING

If the equipment is started after a long period of inactivity, especially for models running on propane, it is possible to experience an initial hard starting.

This means that the equipment could shut down once or a few times and make it necessary for you to reset it through key



: if display shows E99, please read paragraph *Troubleshooting*.

### 1.2.2 Equipment shutdown

The equipment shuts down automatically if a malfunction occurs.

Shutdown is indicated visually by flashing message **E##** (where ## indicates the error code) and acoustically by a sequence of 3 “beeps” with a 10 second gap, throughout the time of equipment shutdown.

If shutdown can be reset by the user, the display will also show RESET flashing message.

In case of equipment shutdown, please read paragraph *Troubleshooting*.



#### WARNING

The user must strictly comply with the relevant instructions (see column “For the user” of the table in paragraph *Troubleshooting*).

The user must NOT follow the instructions from the column “Only for qualified staff”.

### 1.2.3 Temperature setting

The devices are equipped with an on-board temperature probe able to detect the temperature of the room where they are installed: it is possible to install a remote probe for a better reading and setting of the ambient temperature (for the installation of a remote ambient temperature probe see paragraph *Connecting a remote ambient temperature probe (option)*).

The display does not show the actual ambient temperature, but a level from 0 to 6, corresponding to an ambient temperature value ranging from a minimum of 5 °C (level 0) to a maximum of 35 °C (level 6).

Level 3 approximately corresponds to a temperature of 20 °C.

The antifreeze function is triggered at level 0 so that the equipment starts any time ambient temperature goes below 5 °C.



Turn knob clockwise to increase the temperature level; turn knob counter clockwise to decrease the temperature level. When you turn the knob, the temperature level value will flash. Press the knob to confirm the selected value or wait until the value stops flashing.

In automatic mode, two different temperature level values can be set: Comfort and Reduced (see paragraph *Customised programming*).



### 1.2.4 Automatic operation

Press key  to set the equipment to automatic operating mode, which entails a weekly schedule and two temperature level values: Comfort and Reduced.

The Comfort temperature level is represented by the sun symbol , while the Reduced temperature level by the moon symbol .

The equipment is supplied with a preset factory schedule:

- Comfort temperature level : 3.5
- Reduced temperature level : 0.0
- Monday to Friday: Comfort level from 7:00 am to 9:00 am and from 5:00 pm to 9:00 pm
- Saturday and Sunday: Comfort level from 8:00 am to 9:00 pm

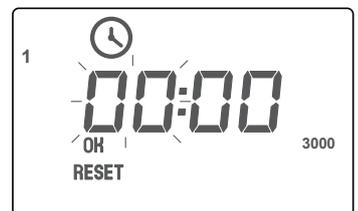
To set a customised schedule, see paragraph *Customised programming*.



### 1.2.5 Current time and date setting

Set current time and date as follows:

- press key 
- turn the knob and select the settings symbol 
- press knob to confirm
- hours are displayed flashing
- turn knob until setting current hour
- press knob to confirm
- minutes are displayed flashing
- turn knob until setting current minutes
- press knob to confirm
- on the LH side of the display is a number indicating the day of the week
- turn knob to select the current day (1 = Monday)
- press knob to confirm
- to quit the current time setting mode, press key 



### 1.2.6 Customised programming

The equipment allows you to program a customised schedule replacing the factory default one.

Programming a schedule means:

- setting periods of time when equipment keeps a Comfort temperature (represented by the sun symbol ☀)
- setting periods of time when equipment keeps a Reduced temperature (represented by the moon symbol ☾)

Resolution is 30 minutes: every day is broken down in 48 time intervals.

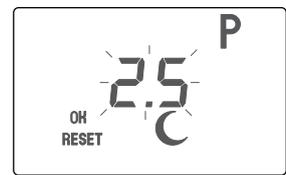
Set customised programming schedule as follows:

- press key 
- turn knob and select the symbol P
- press knob to confirm

#### Selecting temperature levels

After confirming symbol P:

- the sun symbol ☀ and the Comfort temperature value are displayed flashing
- turn knob until reaching the required temperature level
- press knob to confirm
- the moon symbol ☾ and the Reduced temperature value are displayed flashing
- turn knob until reaching the required temperature level
- press knob to confirm



#### Selecting the day or a group of days for the schedule

After confirming the temperature levels:

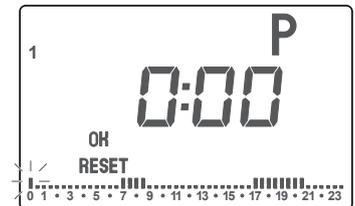
- on the left side of the display is a number indicating day 1 (Monday), flashing
- turn knob to highlight:
  - » in a sequence the numbers for the week days (1 = Monday), then
  - » a group with the five work days (1-2-3-4-5), then
  - » a group with the two weekend days (6-7), then
  - » a group with all week days (1-2-3-4-5-6-7)
- select the required day or group and press knob to confirm.



#### Setting the schedule

After confirming the day or group of days to program:

- at the centre of the display are four digits representing the programming interval: every day is split into 48 intervals (one every half an hour).
- at the bottom of the display is the programming bar made up of 48 points with the indication of the hours in a day below, and segments above;
- the presence of a segment means the equipment is operating at the Comfort temperature; the absence of the segment means the equipment is operating at the Reduced temperature
- turn knob to shift cursor
- press knob once and the sun symbol ☀ appears
- press knob a second time and the moon symbol ☾ appears
- press knob a third time and no symbol appears
- if you press it again, this sequence will roll over again



» no symbol means that the knob can be used to scroll the programming bar without changing the schedule

» sun symbol ☀ present allows setting the operating periods at Comfort temperature level

» moon symbol ☾ present allows setting the operating periods at Reduced temperature level

- after selecting the sun symbol ☀ or the moon symbol ☾ according to required equipment operation, turn knob to select the period of interest and press knob to confirm. This operation must be repeated for all periods of interest, for the selected days or groups of days

- press key  to save the schedule for the current day or group of days

- select another day or group of days to be programmed and repeat the above-described sequence or quit programming by pressing

key 

### Example

Comfort Temperature : 3.5

Reduced Temperature : 2.0  
Programming:

Monday to Friday: Comfort temperature from 6:00 am to 8:00 am and from 4:00 pm to 8:00 pm  
Saturday and Sunday: Comfort temperature from 8:00 am to 8:00 pm

- press key 
- turn knob and select the symbol P
- press knob to confirm
- the sun symbol  and the Comfort temperature value are displayed flashing
- turn knob until reaching the 3.5 temperature level
- press knob to confirm
- the moon symbol  and the Reduced temperature value are displayed flashing
- turn knob until reaching the 2.0 temperature level
- press knob to confirm
- on the left side of the display is a number 1 (Monday), flashing
- turn knob until displaying the group of five work days (1-2-3-4-5)
- press knob to confirm
- at the centre of the display are four digits representing the programming interval
- at the bottom of the display is the programming bar made up of 48 points with the indication of the hours in a day below, and segments above
- press knob twice: the moon symbol  appears
- turn knob clockwise until time 6:00 is displayed
- press knob twice: the sun symbol  appears
- turn knob clockwise until time 8:00 is displayed
- press knob once: the moon symbol  appears
- turn knob clockwise until time 16:00 is displayed
- press knob twice: the sun symbol  appears
- turn knob clockwise until time 20:00 is displayed
- press knob once: the moon symbol  appears
- turn knob clockwise until time 23:30 is displayed
- press knob once to confirm
- press key  to save the schedule and go back to day selection
- on the left side of the display is a number 1 (Monday), flashing
- turn knob until displaying the group of two weekend days (6-7)
- press knob to confirm
- press knob twice: the moon symbol  appears
- turn knob clockwise until time 8:00 is displayed
- press knob twice: the sun symbol  appears
- turn knob clockwise until time 20:00 is displayed
- press knob once: the moon symbol  appears
- turn knob clockwise until time 23:30 is displayed
- press knob once to confirm
- press key  twice to save the schedule and quit programming

### 1.2.7 Keypad locking function

Equipment keypad can be locked.

This feature is useful to avoid that any unauthorised person, children for instance, could change the schedule and settings of the equipment.

Press key  for 10 seconds to lock the keypad: the display shows the lock symbol.

Press again key  for 10 seconds to unlock the keypad.

When keypad is locked, the key  remains active.



### 1.2.8 Summer ventilation function

The equipment features a summer ventilation function.

This function moves the ambient air but is NOT cooling it.

Activate the summer ventilation function as follows:

- press key 
- turn the knob and select the fan symbol 
- press knob to confirm
- turn knob to set fan speed: select a speed level from 0 (minimum) to 100 (maximum)
- to quit the summer ventilation function, press .



### 1.2.9 Delayed switch-off function

The equipment features a delayed switch-off function.

This function allows user to set occasional equipment operation for a defined time, with a 15-minute resolution.

Activate the delayed switch-off function as follows:

- press key  for 5 seconds until symbols   are displayed
- turn knob and set equipment operation time for a maximum of 8 hours
- press knob to confirm
- after this confirmation, the equipment starts a countdown of the set time: the sun symbol  will be flashing for this time period
- set required temperature level
- to quit the delayed switch-off function, press .



### 1.2.10 Equipment switch-off

With equipment on, press key  to switch it off. Switch-off is acoustically indicated by 1 beep, the display will switch off and show OFF.

### 1.3 Humidification tank

On equipment LH side is a removable plastic pocket that works as humidification tank. If the environment where equipment is installed needs humidification, take the tank out of its housing, fill it with water and put it back.



#### DANGER

**Remove tank from its housing before filling it.**

**Do not fill the tank when still in its housing.**

**During this operation, do NOT spill any water inside the equipment, especially through the top grille!**

**Danger of electric shock!**

The humidification tank is handed, with tank opening tilt determining the proper insertion position.

Make sure to fit the tank to its housing in the proper direction.

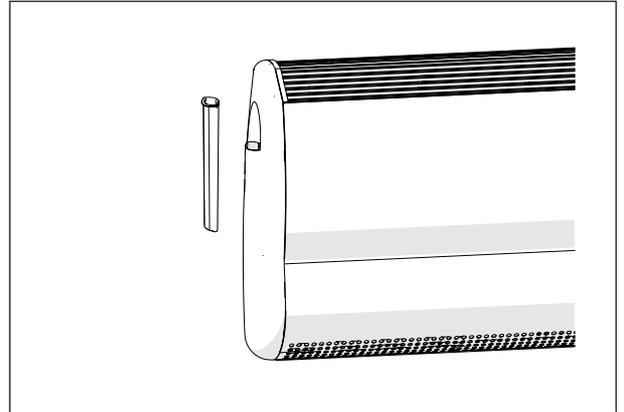


Fig. 3

### 1.4 Precautions for use

Absolutely avoid covering casing grilles with foreign objects such as curtains, linen, newspapers or other.



#### WARNING

**Do not use the equipment to dry moist garments. Do not set moist garments against the equipment.**

If the mounting wall features curtains or curtaining, make sure to comply with the following precautions:

- mobile curtaining: draw it before switching equipment on and make sure it is approx. 30 cm away, on both sides of the equipment;
- fixed curtaining: curtain bottom edge must be at about 30 cm from the equipment.

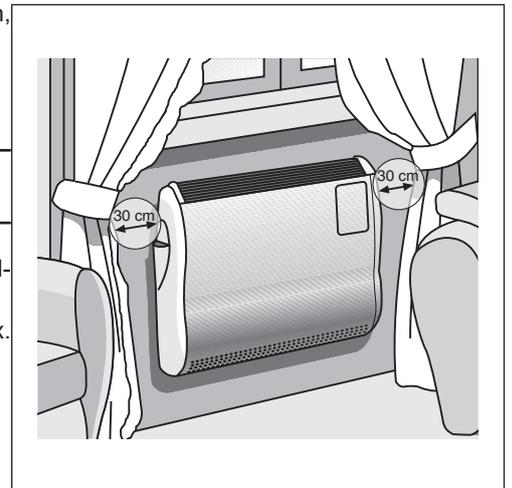


Fig. 4



#### DANGER

**Danger of electric shock! Never put a container with water onto the equipment as the latter could get damaged if water is spilt.**



#### DANGER

**Danger of burns. With equipment on, do not touch the hot air outputs.**

**If there are any unsupervised children or incapacitated persons in the environment, it is advisable to have additional protections installed, such as aesthetic grilles, in order to prevent contact with the equipment air intakes.**



#### WARNING

**When equipment is off and should be left out of service for a long time, close gas tap and cut out power supply.**

## 1.5 Maintenance



### WARNING

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Routine boiler maintenance should be performed according to the schedule in the relevant section of this manual. Appropriate maintenance is material to ensure equipment efficient operation, environment protection, and safety for people, animals and property.

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### WARNING

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Equipment must be maintained by qualified personnel only, under the requirements set forth by the prevailing regulations.

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### 1.5.1 Cleaning the casing



### WARNING

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The casing can be cleaned by the user, when equipment is not operating, cold and disconnected from the mains.

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Clean the casing and grilles using specific products: spray for furniture or a cloth moistened with alcohol.



### WARNING

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Never use water, liquid detergents or abrasive products that could damage the paint. Use of water or liquid detergents could cause a danger of electric shock!

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## 2. Technical features and dimensions

### 2.1 Technical features

**Gazelle EVO** is a gas convective stove with sealed chamber, forced draught and premixing, available in the following versions:

**Gazelle EVO 3000**

from 2.72 kW of useful heat output

**Gazelle EVO 5000**

from 4.52 kW of useful heat output

**Gazelle EVO 7000**

from 5.88 kW of useful heat output

The gas convective stove Gazelle EVO satisfies the essential requirements under:

- Regulation (EU) 2016/426 of 9 March 2016;
- EMC Directive 2014/30/EU of 26 February 2014;
- Low Voltage Directive 2014/35/EU of 26 February 2014;
- ERP Directive 2009/125/EC of 21 October 2009;
- Labelling Directive 2010/30/EU of 19 May 2010;

and is equipped with all the safety features required by the prevailing regulations on these products, namely:

**Safety electronic equipment** with ionisation flame detection device. With no flame, this system inhibits equipment operation thereby preventing gas leakage.

**Differential air pressure switch** that stops equipment operation if vent or intake pipes are clogged or in case of intake fan malfunction.

**Gas valve with double solenoid valve** in class B+J.

**Safety thermostats** in air (all models) and on the exchanger (models 5000 and 7000 only), that can stop equipment operation in case of faulty temperature increase.

**Temperature probe** on the exchanger that can stop equipment operation in case of faulty temperature increase.

The key characteristics of the gas convective stove Gazelle EVO include:

- Seasonal energy efficiency class A.
- High-efficiency die-cast aluminium fin-type heat exchanger.
- Dual channel heat recuperator in die-cast aluminium.
- Separate and extendable intake and vent pipes.
- Centrifugal combustion fan with high-efficiency brushless motor.
- Tangential convection fan with high-efficiency brushless motor.
- Electronic ignition.
- Ionisation flame control.
- Microprocessor-based electronic equipment for safety, adjustment and control.
- User interface with adjustment knob (encoder), four keys and large backlit LCD.
- Safety air pressure switch.
- Safety thermostat (2 on models 5000 and 7000).
- Ambient temperature probe.
- Temperature probe on exchanger body (models 5000 and 7000).
- Gas valve with constant air/gas ratio.
- Ambient temperature selector with antifreeze function.
- Built-in humidifier.
- Weekly programming.

## 2.2 Dimensions and distances

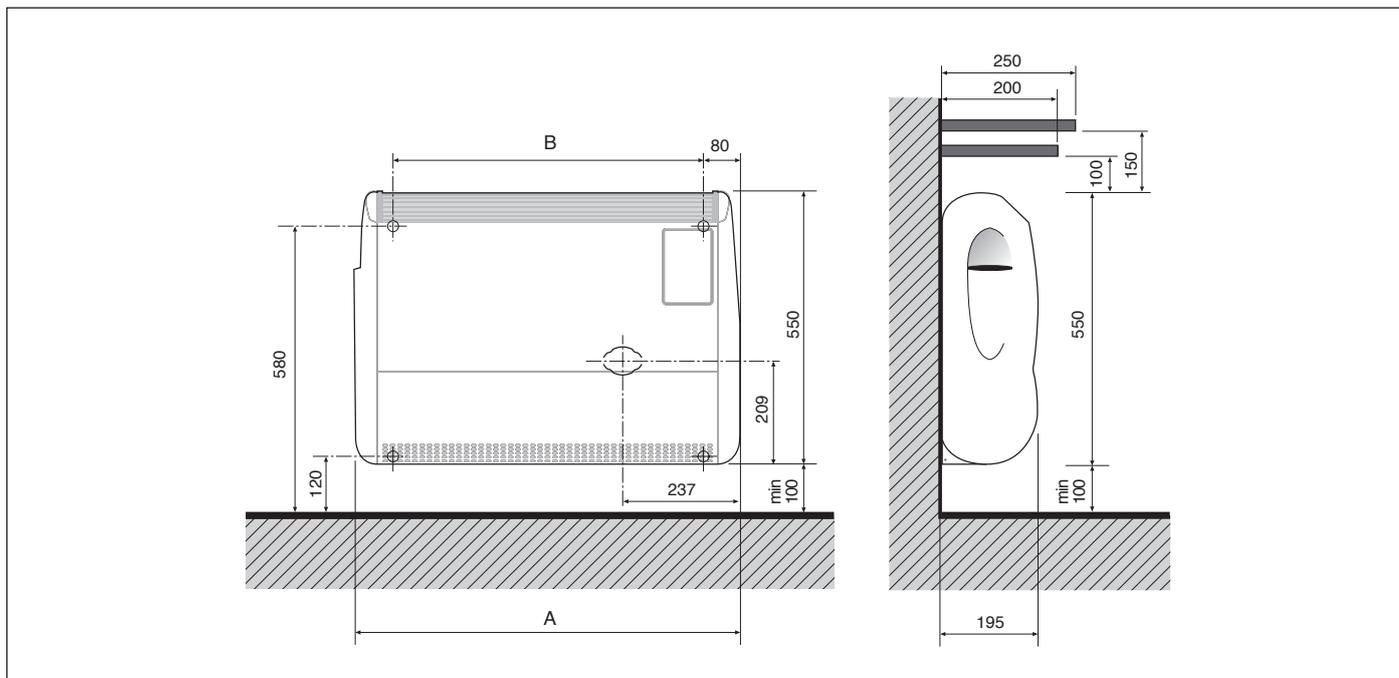


Fig. 5 Dimensions

MODEL	3000	5000	7000
Width A	547	667	772
Distance between centres B	387	507	612

Tab. 1

On equipment LH and RH sides, leave a gap of about ten cm to allow enough space for casing removal and maintenance.

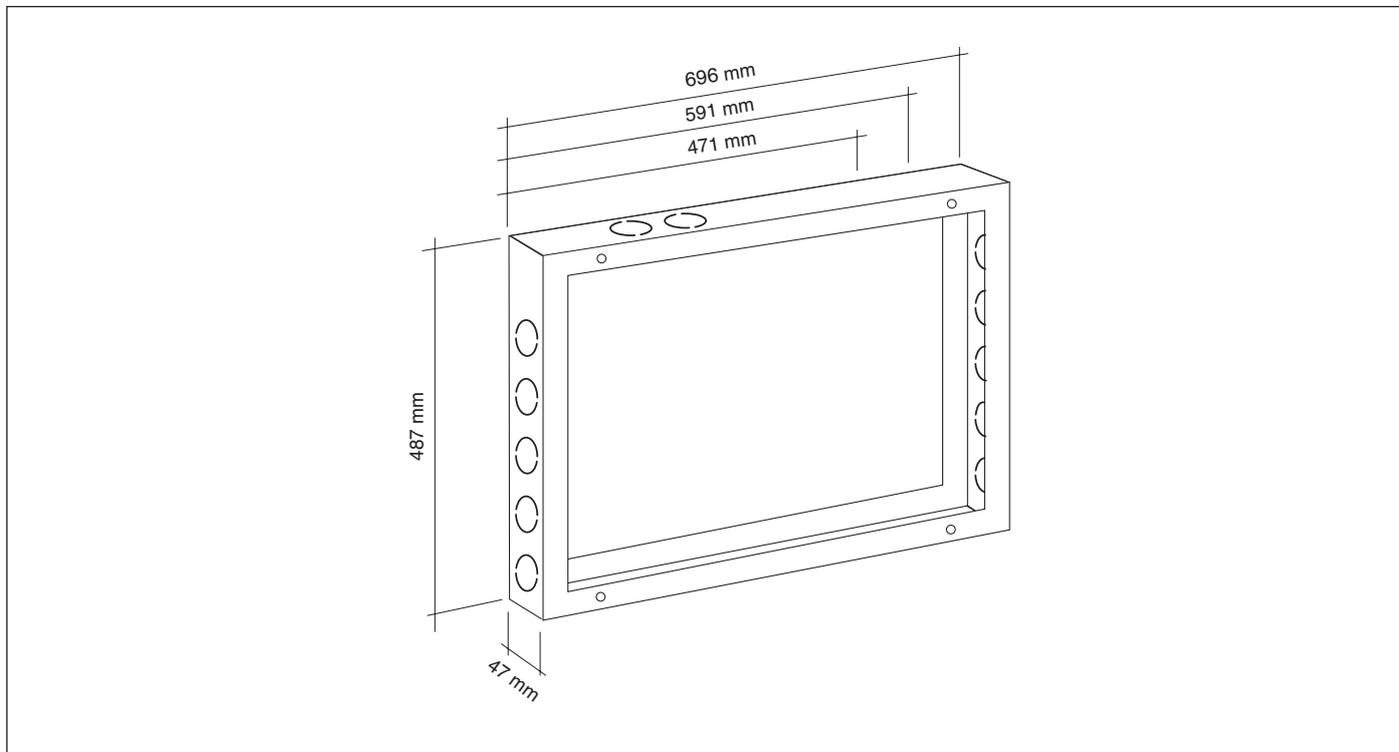


Fig. 6 Supporting frame for installation with pipes on interior walls.

### 3. Instructions for the installer

This part of the manual contains the instructions for installing the gas convective stove and is addressed to authorised installers, who are the only persons authorised to carry out installation operations in compliance with the prevailing laws.



#### WARNING

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**Before installing the equipment, check that its technical data correspond to the requirements for its correct use in the system. The type of gas required and the relevant supply pressure are specified on the technical data label on the equipment.**

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#### 3.1 Choosing the positioning

The gas convective stove Gazelle EVO can be installed in any point of the room to be heated.

The equipment comes as standard with straight pipes 59 cm long, that can be used for installation on a wall communicating with the external environment, or can be replaced by pipes up to 1 m long, if needed.

The equipment can be positioned onto walls not directly communicating with the external environment by implementing venting solutions including elbows and pipe extensions, see some examples (paragraph *Vent pipe with extensions or elbows*).

In all cases the installation distances for positioning the terminals indicated by the prevailing standards must always be respected.

The gas convective stoves are “type C” sealed appliances **as defined by the regulations and all tubes, intake and vent terminals are considered a part of the equipment.**

**Use original accessories supplied by the manufacturer any time extensions for the vent pipes are required.**

### 3.2 Installation

Equipment packing includes a paper template: apply it on the wall and use it to drill at the proper points, complying with the minimum ground clearance.

Prepare the equipment, remove the foam polystyrene protections and carefully separate the painted casing avoiding any damage. To remove the casing, you must remove the two bottom screws, one on the LH side and one on the RH side, using the spanner supplied.

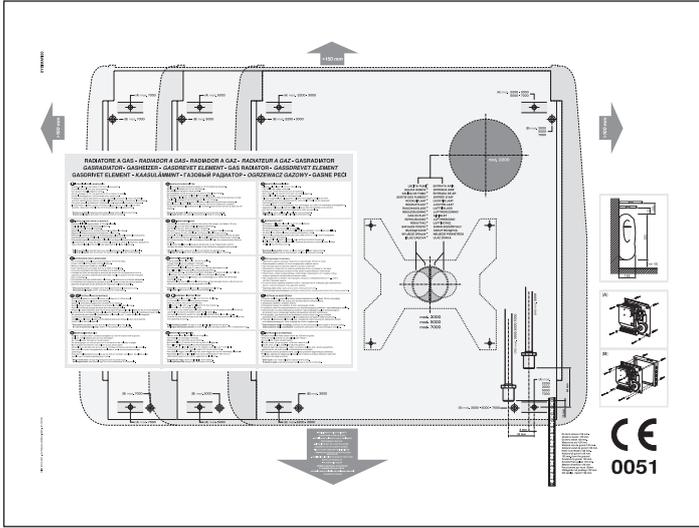


Fig. 7

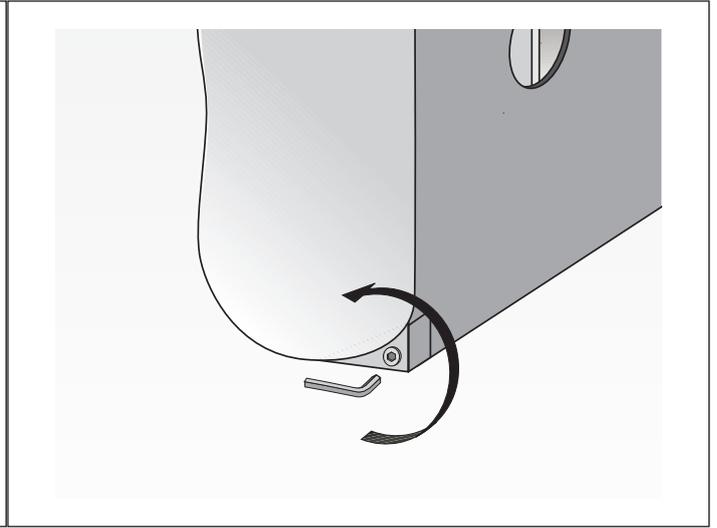


Fig. 8



#### WARNING

Use rock wool, fibreglass or ceramic up to a thickness of at least 1 cm to insulate intake and vent pipes in order to avoid condensation, especially if pipes go through walls made of flammable material.



#### WARNING

With reference to Fig. 9, intake is on the LH side and vent on the RH side.

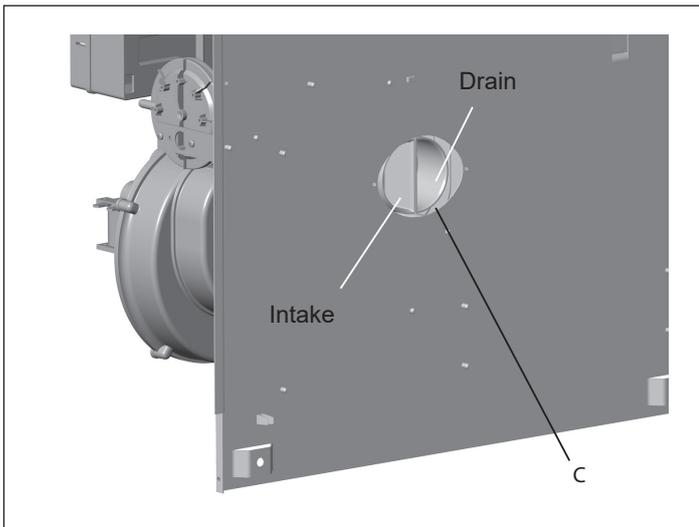


Fig. 9

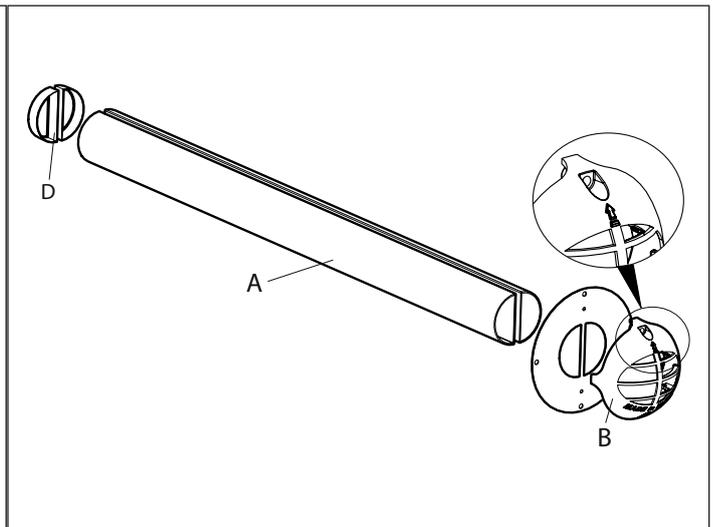


Fig. 10

### 3.2.1 Straight wall vent

For instructions on how to install the straight wall vent also refer to paragraph “Sequence for installing a straight wall vent”.

- Measure wall thickness and cut the supplied pipes to wall size plus 5 cm.
- Install seals **D** to pipes **A** and insert the latter, thus prepared, into stub pipes **C** of the equipment, using sliding agent to help insertion if necessary (see Fig. 9 and Fig. 10). Make sure that seals are properly in place and do not obstruct air or flue gas passage.
- Fasten equipment to the wall by means of the supplied screws and anchors.
- **If equipment is installed under a shelf or windowsill made from flammable material, protect its lower part using a sheet of insulating material.**
- **If equipment is installed under a windowsill (usually made from marble), it is always advisable to insulate its lower face to minimise heat dispersion to the outside.**
- Fasten intake and vent terminal **B** to the external wall using the supplied screws, avoiding to cement the pipe in order to allow equipment removal in the future, if necessary. Close any gaps with rock wool.



#### WARNING

It is compulsory to fasten the intake and vent terminals to the external wall in a secure manner.



#### WARNING

The air necessary to combustion is sucked from the fissures in contact with the outer wall (Fig. 11), which must therefore be left free by avoiding the use of cement or any kind of sealant.

Install the supplied stainless steel disc (A) (Fig. 11).



#### DANGER

Make sure that the flue gases come out of the open slit.

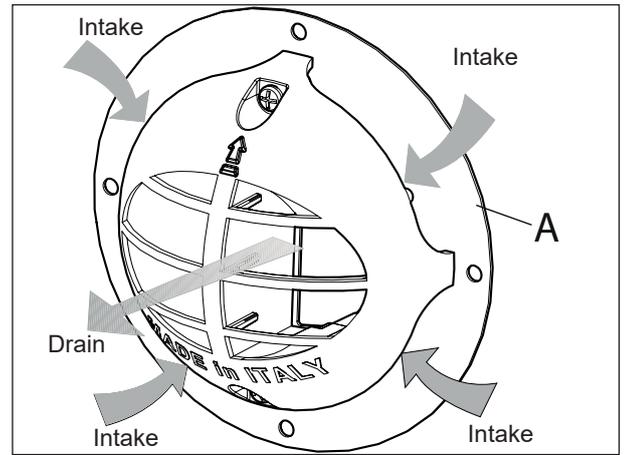


Fig. 11



#### DANGER

The empty space between the inlet/outlet pipes and the hole in the wall must be carefully sealed on the inside with sealant resistant to at least 200 °C to prevent possible re-entry of combustion products into the room.



#### WARNING

Pipes must be slightly slanted downwards to allow drainage of any condensation.

### 3.2.2 Vent pipe with extensions or elbows

Gazelle EVO allows the use of extensions and elbows for intake and vent pipes.

This allows for a wide range of solutions to overcome installation issues connected with the impossibility of direct venting.

**35 mm and 60 mm diameter pipes are available.**

To identify the intake and exhaust refer to Fig. 9 and Fig. 10.



#### WARNING

Condensation occurs more easily when using pipe extensions. To prevent it from entering the heat exchanger, always use the suitable accessories for draining condensate. Condensate draining accessories must be connected to a trap having a head of at least 10 cm.



#### WARNING

Insulate the vent pipes!

The figures Fig. 12 and Fig. 13 show some application examples:

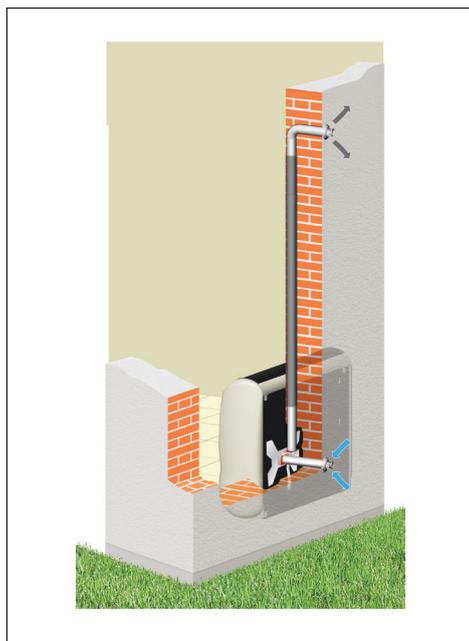


Fig. 12

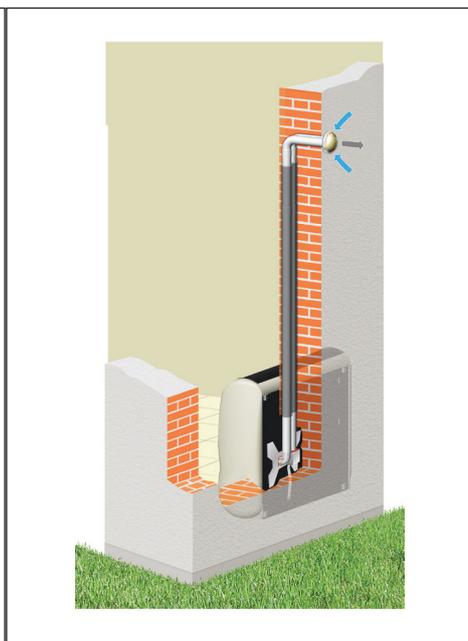


Fig. 13

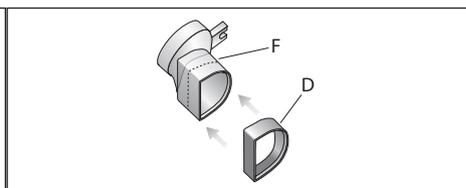


Fig. 14

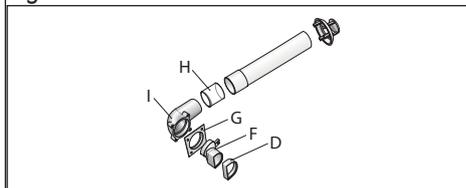


Fig. 15

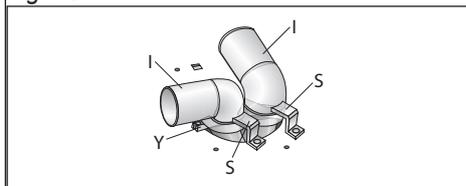


Fig. 16

To extend the vent, the splitter kit can be used with support bracket, or the pipes can be connected directly to the equipment. In this latter case, follow this procedure:

- Install seal **D** on adapter **F** (Fig. 14).
- Insert reduction **F** inside stub pipe **C** using sliding agent to help insertion (Fig. 9) by securing it with the (supplied) screw **Y** to equipment sleeve (Fig. 16).
- Insert pipe  $\varnothing$  35 mm or 90° elbow into adapter, putting the relevant seal **G** in-between, to be fitted in the coupling of the elbow or pipe (Fig. 15).
- Elbows **I** must be fastened to the sleeve with the relevant brackets **S** supplied with the splitter KIT (Fig. 16).
- To join an elbow to a pipe or put two pipes together, engage and cover them with the seal **H** (Fig. 15).
- Insert the **L** terminal on the pipe by tightening the appropriate closing screw **V**. The intake and exhaust terminals are identical.
- If the 35 mm diameter pipes run parallel, use the standard intake/exhaust terminal (Fig. 18).

With the pipe splitting, the pipes can be installed inside the wall or can be routed outside the walls.

If pipes must be installed along the walls, the suitable spacer support supplied as accessory can be used (Fig. 19).

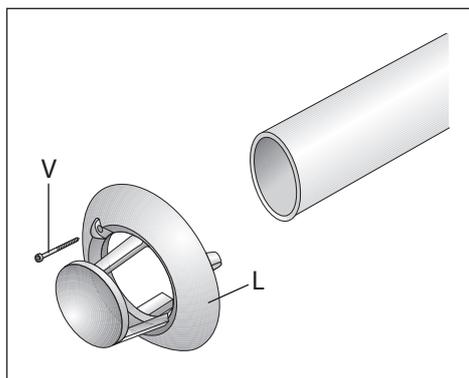


Fig. 17

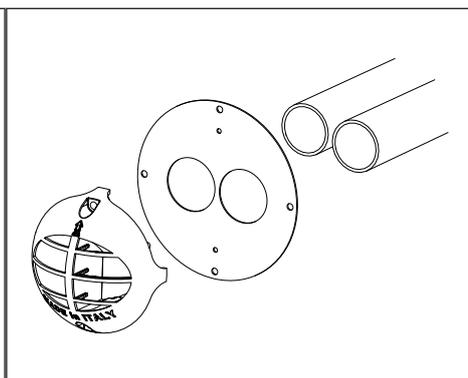


Fig. 18

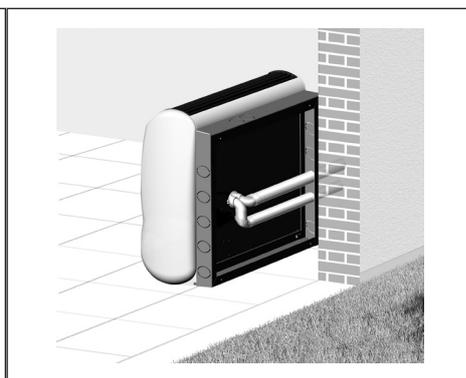


Fig. 19



**WARNING**

**Note: lay vent above intake.**

When using the supporting brackets, with the relevant kit (accessory), it is possible to install the equipment after laying down the pipes (all information necessary for installation is attached to the kit).

Here below are some examples for this application:

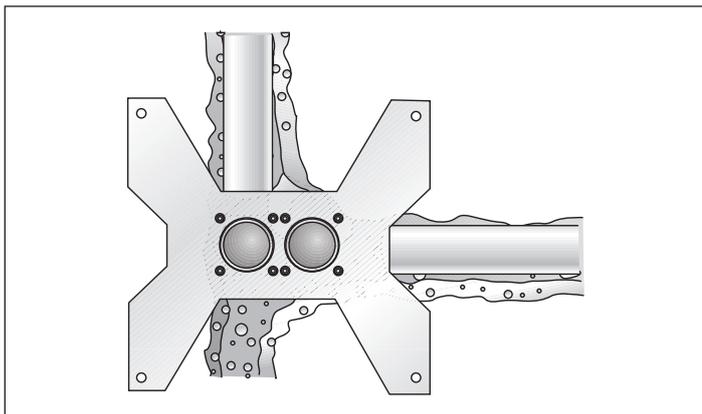


Fig. 20

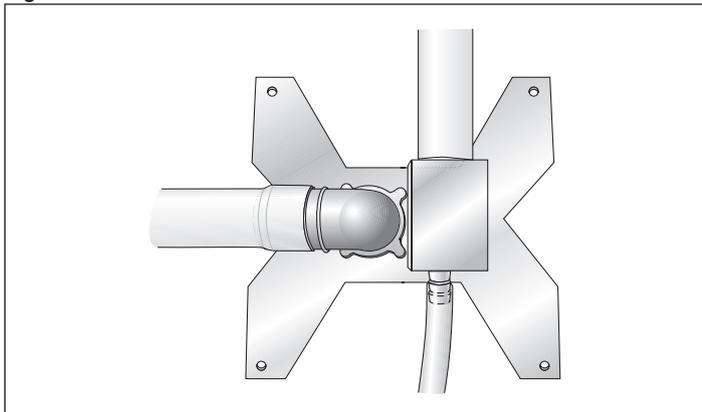


Fig. 21

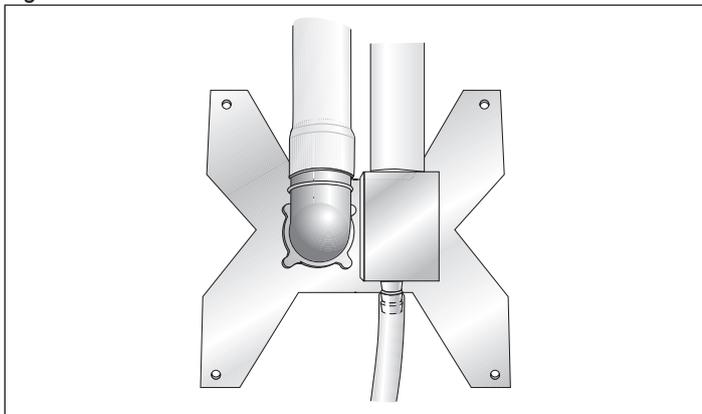


Fig. 22

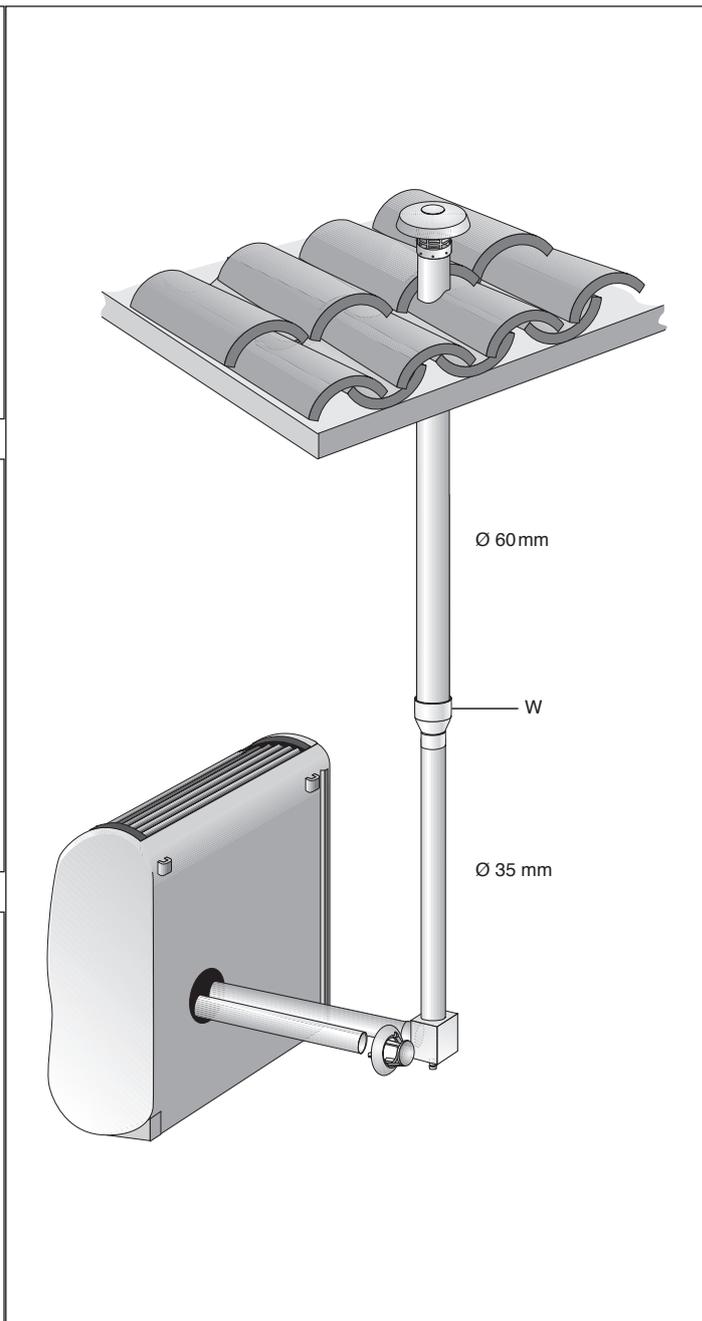


Fig. 23

### 3.2.3 Roof vent

When using the roof vent, the accessory (diameter 60 mm) must be used as a vent terminal.

The final pipe must then be diameter 60 mm: if the pipes used are 35 mm, it will be necessary to use the adapter W 35/60, available as an accessory (Fig. 23).

### 3.2.4 Intake and vent pipe length

The maximum allowed length of pipes depends on the flow resistance of each part installed to go from the equipment up to the intake and vent points.

The sum of the flow resistance values, made according to the data specified in the tables Tab. 3 and Tab. 4, must not exceed the value of the "Maximum permitted length". The calculation must consider both vent and intake ducts and should change based on the diameter of the pipes used (35 mm or 60 mm).

<b>Gazelle EVO</b>	<b>Type</b>	<b>m.u.</b>	<b>3000</b>	<b>5000</b>	<b>7000</b>
Maximum allowed length (*)	C13	m	2 (**)	2 (**)	2 (**)
	C53 - Ø 35 mm	m	13	7	6
	C53 - Ø 35 mm + Ø 60 mm	m	100	100	70

Tab. 2

(\*) Intake + vent

(\*\*) Using the pipes supplied by the manufacturer: one for air and the other for flue gas, each shaped to be equivalent to a semicircle diameter 55 mm. 1 meter long pipes are available as accessories.



#### **WARNING**

---

**If using ONLY pipes diameter 35 mm, use flow resistance values from table Tab. 3.**

**If using pipes diameter 35 and 60 mm, use flow resistance values from table Tab. 4.**

---

**Flow resistance when using only pipes diameter 35 mm**

The specified flow resistance values refer to the single component.

Component	Code	3000		5000		7000	
		A [m]	F [m]	A [m]	F [m]	A [m]	F [m]
Protection grille for wall terminals	6Y41309000	0	0	0	0	0	0
Single wall terminal Ø 35 mm	6YTERSDO00	0	0,5	0	0,5	0	0,5
Split vent adapter (semicircle / Ø 35 mm)	6YRIDSDO00	0	0	0	0	0	0
Starting elbow for split vent Ø 35 mm	6YCURSDO00	0,5	1	0,5	1	0,5	1
Double bell end pipe Ø 35 mm - 0.50 m F/F	6YTUBSDO13	0,5	0,5	0,5	0,5	0,5	0,5
Bell end pipe Ø 35 mm - 1 m M/F	6YTUBSDO00	0,5	1	0,5	1	0,5	1
90° elbow for pipe Ø 35 mm M/F	6YCURSDO05	0	0	0	0,5	0	0,5
Condensate drain Ø 35 mm F/F horizontal	6YSCACON00	0	0	0	0	0	0
Bell end pipe Ø 35 mm with 90° elbow - 0.90 m M/F	6YTUBSDO02	0,5	1	0,5	1	0,5	1
Condensate drain Ø 35 mm F/F horizontal	6YSCACON05	0	0	0	0	0	0
Vent sleeve for pipe connection Ø 35 mm F/F	6YMANSCA00	0	0	0	0	0	0
90° condensate drain Ø 35 mm F/F vertical	6YSCACON06	0,5	1	0,5	1	0,5	1

Tab. 3

A = air intake

F = flue gas vent

**CALCULATION EXAMPLE**

using **ONLY** pipes diameter 35 mm

(use the flow resistance values from table Tab. 3)

**GAZELLE EVO 3000**

Separate intake and vent ducts Ø 35 mm  
 Direct air intake behind the equipment  
 Wall vent at 2 metres from the ground  
 Maximum allowed length: 13 m

**Intake flow resistance**

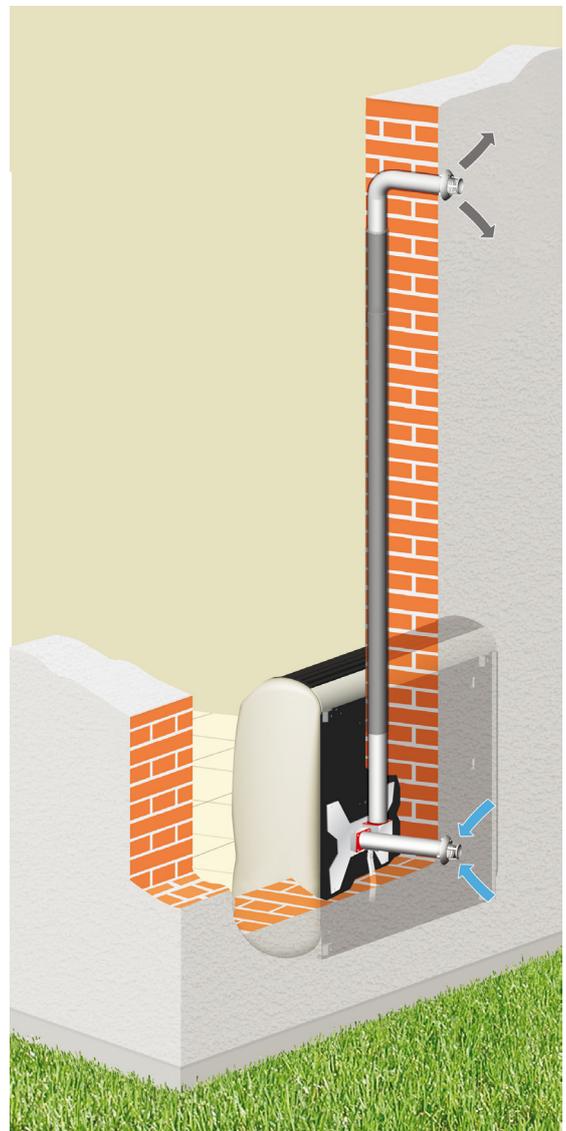
Split vent adapter (semicircle / Ø 35 mm): 0.0 m  
 Vent sleeve for pipe connection Ø 35 mm F/F: 0.0 m  
 Pipe diameter 35 mm, 30 cm long:  $0.5 \times 0.30 \text{ m} = 0.15 \text{ m}$   
 Single wall terminal Ø 35 mm: 0.0 m  
 Total intake flow resistance: 0.15 m

**Vent flow resistance**

Split vent adapter (semicircle / Ø 35 mm): 0.0 m  
 90° condensate drain Ø 35 mm F/F vertical: 1.0 m  
 Pipe diameter 35 mm, 200 cm long:  $1.0 \times 2 \text{ m} = 2.0 \text{ m}$   
 90° elbow for pipe Ø 35 mm M/F: 0.0 m  
 Pipe diameter 35 mm, 20 cm long:  $1.0 \times 0.20 \text{ m} = 0.20 \text{ m}$   
 Single wall terminal Ø 35 mm: 0.5 m  
 Total vent flow resistance: 3.7 m

Total flow resistance (intake + vent):  $0.15 \text{ m} + 3.7 \text{ m} = 3.85 \text{ m}$

$3.85 \text{ m} < 13 \text{ m} \rightarrow$  APPLICABLE SOLUTION



## Flow resistance when using mixed pipes, diameter 35 mm and 60 mm

The specified flow resistance values refer to the single component.

Component	Code	3000		5000		7000	
		A [m]	F [m]	A [m]	F [m]	A [m]	F [m]
Split vent adapter (semicircle / Ø 35 mm)	6YRIDSDO00	0	0,5	0,5	0,5	0	0,5
Starting elbow for split vent Ø 35 mm	6YCURSDO00	8	13,5	11,5	21	7,5	14
Double bell end pipe Ø 35 mm - 0.50 m F/F	6YTUBSDO13	4	7,5	5	10	3	6,5
Bell end pipe Ø 35 mm - 1 m M/F	6YTUBSDO00	8,5	15	10	20,5	6,5	12,5
90° elbow for pipe Ø 35 mm M/F	6YCURSDO05	2	3,5	3	5	2	3,5
Condensate drain Ø 35 mm F/F horizontal	6YSCACON00	1,5	3	2	4	1,5	2,5
Bell end pipe Ø 35 mm with 90° elbow - 0.90 m M/F	6YTUBSDO02	9,5	16,5	12	23,5	7,5	15
Adapter Ø 60 mm ÷ Ø 35 mm F/M	6YRIDSDO03	0	5,5	0	8,5	0	5,5
Adapter Ø 60 mm ÷ Ø 35 mm F/F	6YRIDSDO01	0	5,5	0	8,5	0	5,5
Condensate drain Ø 35 mm F/F horizontal	6YSCACON05	0,5	1	0,5	1,5	0,5	1
Vent sleeve for pipe connection Ø 35 mm F/F	6YMANSCA00	0	0,5	0,5	0,5	0	0,5
90° condensate drain Ø 35 mm F/F vertical	6YSCACON06	8	13,5	11,5	21	7,5	14
Pipe Ø 60 mm - 0.25 m M/F	6YTUBSDO05	0	0,5	0	0,5	0	0,5
Pipe Ø 60 mm - 0.5 m M/F	6YTUBSDO07	0	0,5	0,5	0,5	0,5	0,5
Pipe Ø 60 mm - 1.0 m M/F	6YTUBSDO09	0,5	1	1	1	0,5	1
Pipe Ø 60 mm - 2.0 m M/F	6YTUBSDO11	1	2	1,5	2	1	2
90° elbow Ø 60 mm M/F	6YCURSDO01	0,5	1	1	2	0,5	1,5
45° elbow Ø 60 mm M/F	6YCURSDO03	0,5	1	1	1,5	0,5	1
Condensate drain Ø 60 mm M/F	6YSCACON02	0	0	0	0	0	0
Wall-mounted anti-wind intake or vent terminal Ø 60 mm F	6YTERCON00	2,5	2,5	3,5	4	2,5	2,5
Vertical vent terminal Ø 60 mm F	6YTERSCA00	-	2	-	3	-	2
Single wall terminal Ø 35 mm	6YTERSDO00	0	7	0	11	0	7,5

Tab. 4

A = air intake

F = flue gas vent

### CALCULATION EXAMPLE

using ONLY pipes diameter 35 and 60 mm

(use the flow resistance values from table Tab. 4)

#### GAZELLE EVO 5000

Separate intake and vent ducts Ø 35 mm and Ø 60 mm

Direct air intake behind the equipment

Roof vent with pipes 3 metre long

Maximum allowed length: 100 m

#### Intake flow resistance

Split vent adapter (semicircle / Ø 35 mm): 0.5 m

Pipe diameter 35 mm, 30 cm long:  $10 \times 0.30 \text{ m} = 3.0 \text{ m}$

Single wall terminal Ø 35 mm: 0.0 m

Total intake flow resistance: 3.5 m

#### Vent flow resistance

Split vent adapter (semicircle / Ø 35 mm): 0.5 m

Pipe diameter 35 mm, 35 cm long:  $20.5 \times 0.35 \text{ m} = 7.2 \text{ m}$

90° condensate drain Ø 35 mm F/F vertical: 21.0 m

Adapter Ø 60 mm ÷ Ø 35 mm F/M: 8.5 m

Pipe Ø 60 mm - 1.0 m M/F x 3:  $3 \times 1 \text{ m} = 3.0 \text{ m}$

Vertical vent terminal Ø 60 mm F: 3.0 m

Total vent flow resistance: 43.2 m

Total flow resistance (intake + vent):  $3.5 \text{ m} + 43.2 \text{ m} = 46.7 \text{ m}$

$46.7 \text{ m} < 100 \text{ m} \rightarrow$  APPLICABLE SOLUTION

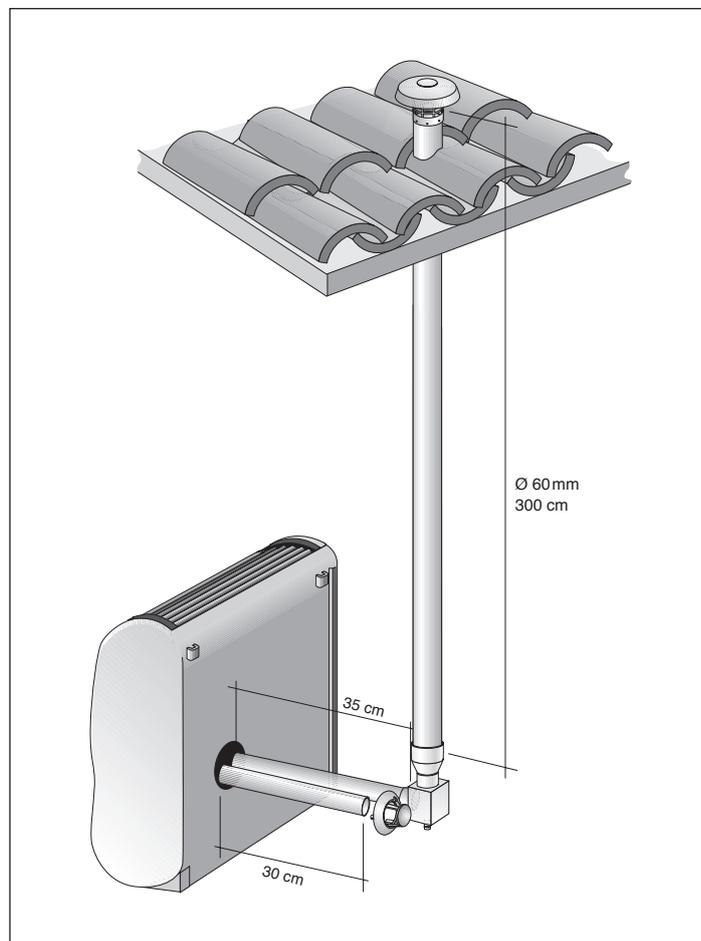


Fig. 24

### 3.3 Connection to gas mains

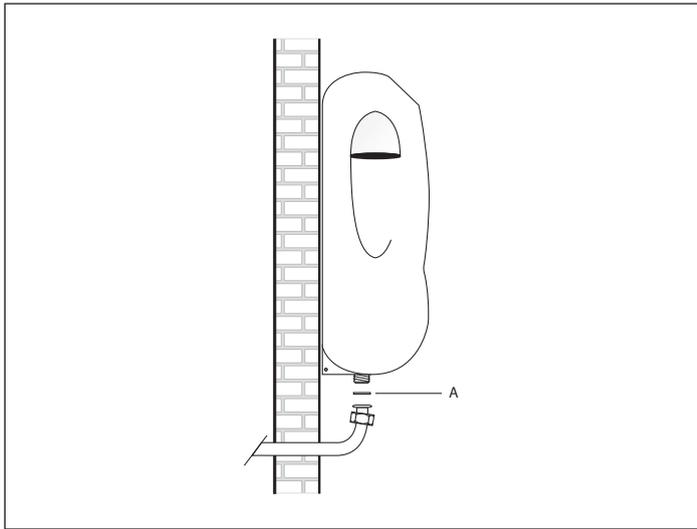


Fig. 25

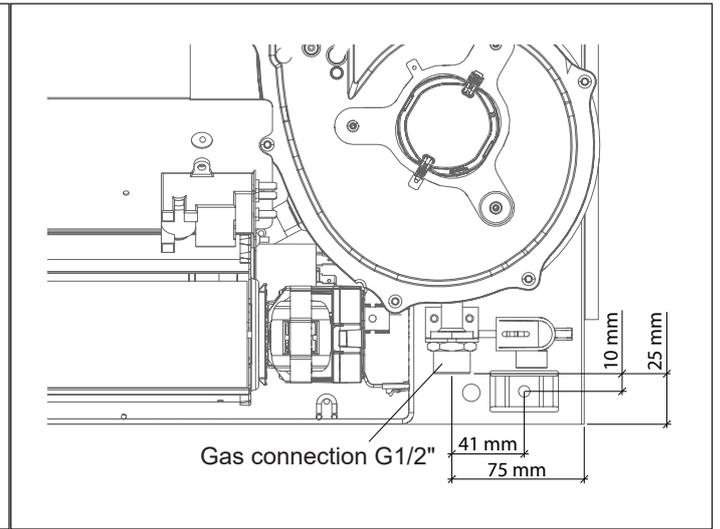


Fig. 26



#### WARNING

This convective stove must be safely connected to a gas distribution system which complies with the existing technical standards.

Check with the customer whether a declaration of conformity of the gas system is available.

Check system conditions.

Any connection to a gas system which does not comply with the existing technical standards is forbidden.



#### WARNING

To connect the convection stove to the distribution system, only use flat seals, suitable for the purpose (A in the figure Fig. 25).

After connection, ensure proper sealing.

Do not use naked flames!

The equipment is equipped with a male G 1/2" gas fitting, compliant with the prevailing installation regulations.

### 3.4 Connection to the electrical mains



#### WARNING

Gazelle EVO must be connected to a power supply system which complies with the existing technical standards. It is forbidden to connect the convection stove to a system lacking a differential switch to protect the stove power line. Any connection to an electrical system lacking a grounding system is forbidden.



#### WARNING

The convection stove must be powered with a proper mains voltage. Proper mains voltage is specified on the label found on the power cable supplied and already connected and is equal to 230 V.

Gazelle EVO comes with a double insulated power cable, 1.5 metre long, with ground cable.

The power cable is routed through a grommet and should not be removed from it.

The power cable ends are crimped.

Power supply features a fuse F3.15A in series to the phase on-board the PCB.

Connection to the mains must be made through a two-pole switch or a polarised socket to help maintenance operations and allow equipment disconnection before long inactivity.

If power cable length is not sufficient to connect the equipment, proceed as follows:

- cut the supplied power cable upstream of the grommet
- connect the new power cable of suitable length to the cut end so that it goes through the grommet.

Do not power the equipment using a cable not going through the grommet.

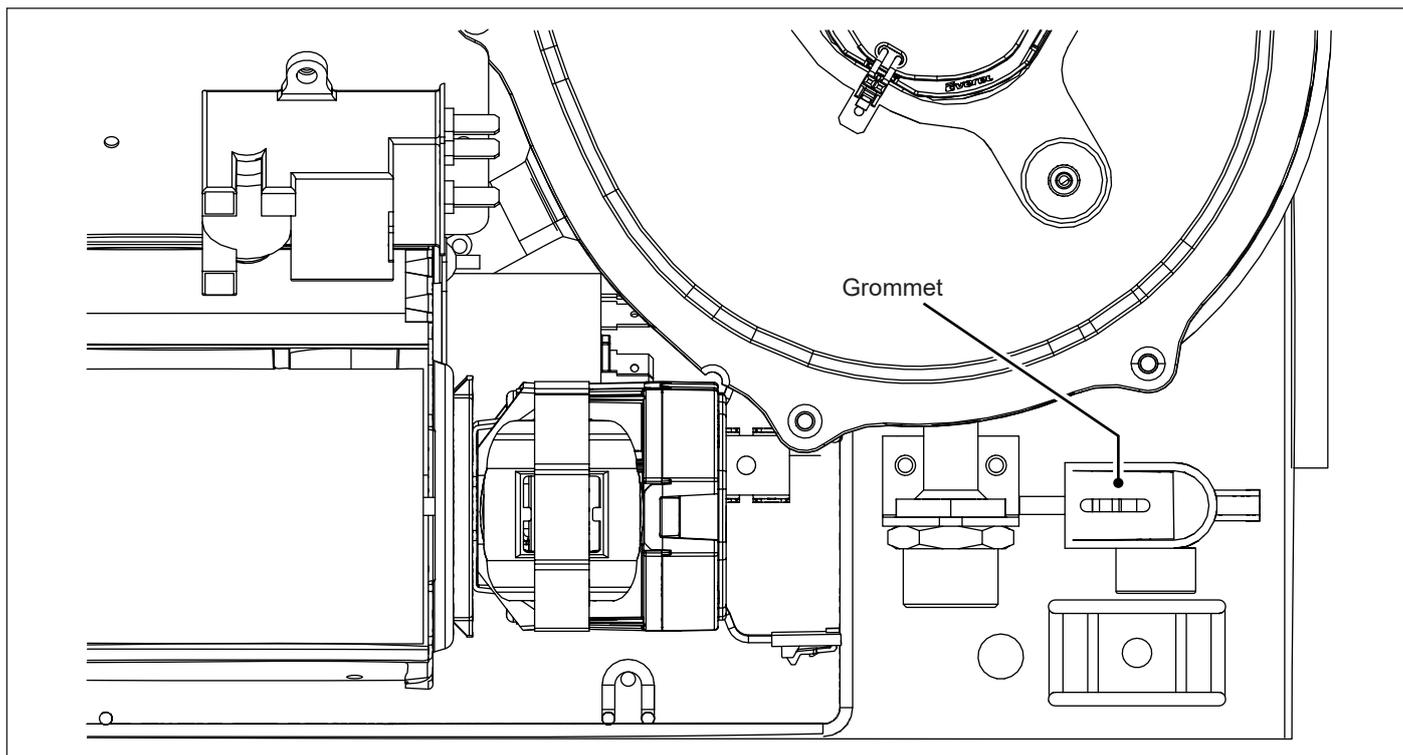


Fig. 27

The gas convective stove Gazelle EVO is suitable for:

- connection to an external ambient thermostat or chronothermostat (optional);
- connection to a telephone dial for remote ignition (optional);
- connection of several stoves to a single remote thermostat/chronothermostat or telephone dial;
- connection to a remote ambient temperature probe.

**NB:** to effectively control the equipment via an external thermostat or chronothermostat, select the maximum ambient temperature value using the knob on user's interface and keep equipment on in manual mode.

### 3.5 Wiring diagram

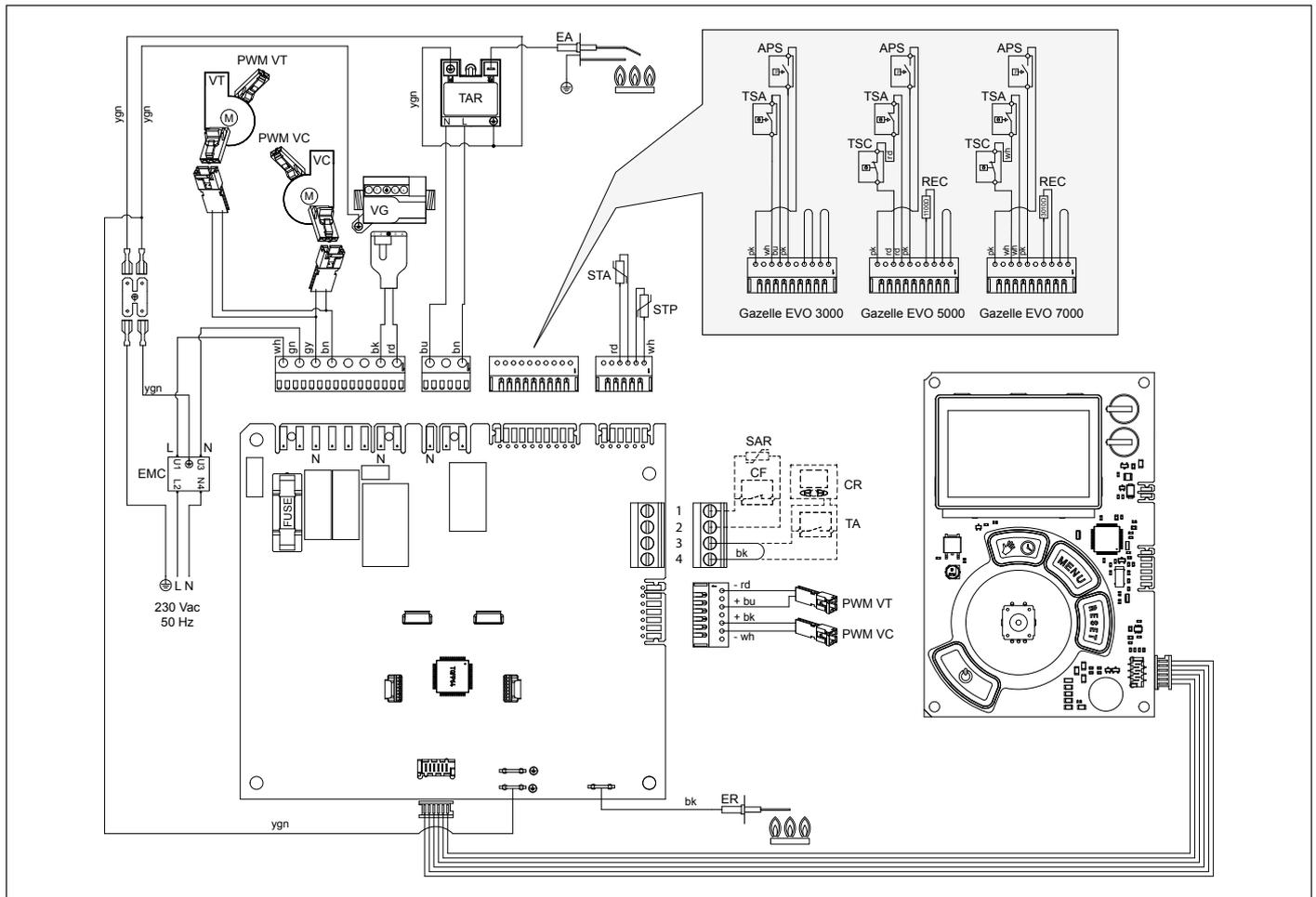


Fig. 28

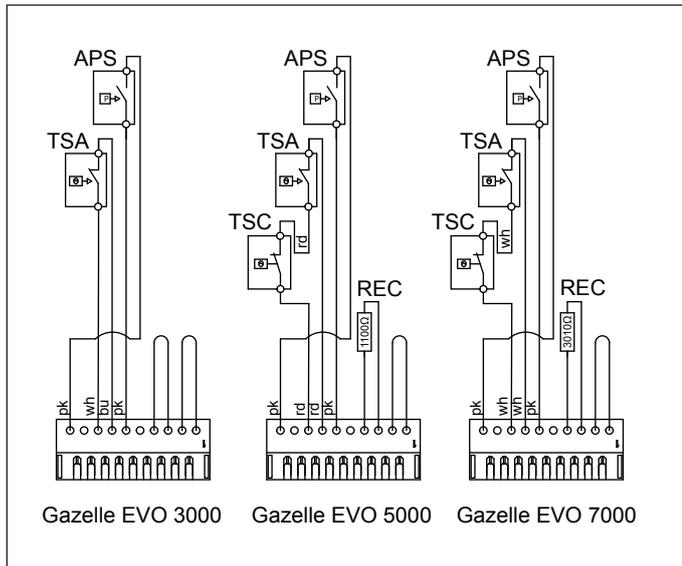


Fig. 29

KEY TO CABLE COLOURS:			
rd:	red	pk:	pink
wh:	white	bn:	brown
bu:	blue	or:	orange
bk:	black	ygn:	yellow/green
gy:	grey	gn:	green

INTERNAL CONNECTIONS:	
VT:	Tangential fan
VG:	Gas valve
VC:	Centrifugal fan
TAR:	Remote ignition transformer
EA:	Ignition electrode
TCS:	Header safety thermostat
TSA:	Air safety thermostat
APS:	Air pressure switch
STA:	Ambient temperature probe
STP:	Primary exchanger temperature probe
SAR:	Remote ambient probe (optional, not supplied by the manufacturer)
CF:	Window contact (optional, not supplied by the manufacturer)
TA:	Ambient thermostat (optional, not supplied by the manufacturer)
CR:	Remote control (optional, supplied by the manufacturer)
PWM VT:	Tangential motor PWM control
PWM VC:	Centrifugal motor PWM control
ER:	Flame detection electrode
REC:	Heater resistor for equipment auto-setup
EMC:	EMC filter

### 3.6 Connecting a remote ambient temperature probe (option)

The unit features an on-board temperature probe, which is able to detect the temperature of the room where it is installed.

A remote ambient temperature probe can be installed (optional, supplied by the manufacturer) to obtain a better reading and setting of the ambient temperature.

The remote ambient probe must be connected to terminals 1 and 2 of the electronic board (see paragraph *Wiring diagram*).

After connecting the remote ambient probe, user must modify parameters **P21** and **P29**:

- press the following keys at the same time:  +  for 5 seconds until symbols **P** and  are displayed on top right, and at the centre of the display are four zeroes, the first being flashing
- enter code "1398", one digit at a time, by turning the knob and confirming every single digit by pressing it (1, confirm; 3, confirm; 9, confirm; 8, confirm).



#### WARNING

---

If the code is not entered properly, equipment will keep asking user to enter it.

---

- turn knob until displaying parameter **P21**
- press knob to confirm
- when spanner symbol is flashing, turn knob to select value 1
- press knob to confirm
- turn knob until displaying parameter **P29**
- press knob to confirm
- when spanner symbol is flashing, turn knob to select value 1
- press key  to quit the programming of technical parameters

### 3.7 Connecting a window contact (option)

A window contact can be installed (option, not supplied by the manufacturer) to switch off the equipment when the window in the room where it is installed is opened.

The window contact must be connected to terminals 1 and 2 of the electronic board (see paragraph *Wiring diagram*).

After connecting the remote ambient probe, user must modify parameter **P21**:

- press the following keys at the same time:  +  for 5 seconds until symbols **P** and  are displayed on top right, and at the centre of the display are four zeroes, the first being flashing
- enter code "1398", one digit at a time, by turning the knob and confirming every single digit by pressing it (1, confirm; 3, confirm; 9, confirm; 8, confirm).



#### WARNING

---

If the code is not entered properly, equipment will keep asking user to enter it.

---

- turn knob until displaying parameter **P21**
- press knob to confirm
- when spanner symbol is flashing, turn knob to select value 2
- press knob to confirm
- press key  to quit the programming of technical parameters

### 3.8 Operations to change gas type



#### WARNING

Operations required to change gas type are **EXCLUSIVELY** reserved to qualified personnel.



#### WARNING

The procedure for calibrating the gas valve when changing the gas type also applies when simply changing the gas valve.



#### WARNING

In order to complete the procedure for changing the gas type, the following tools and equipment are required:

- a combustion gas analyser for CO and CO<sub>2</sub>, periodically calibrated in accordance with the provisions of the relevant manufacturer;
- a pressure gauge having a resolution of 1 Pa, periodically calibrated in accordance with the provisions of the relevant manufacturer.



#### WARNING

If the above tools and equipment are not available, please do not try to change gas type or change the gas valve.

Equipment has been calibrated and sealed at the factory according to the preset gas and the market of use. Should you have to work on the equipment for changing the gas type or changing the gas valve, please follow the rules here below.

#### 3.8.1 Changing the gas nozzle

To change gas type, it is necessary to also change the main burner nozzle accordingly (Fig. 30); refer to the values in the technical specifications table.



#### WARNING

Fully screw the nozzle upon installation!



#### WARNING

When refitting the nozzle holder, properly position the rubber seal!

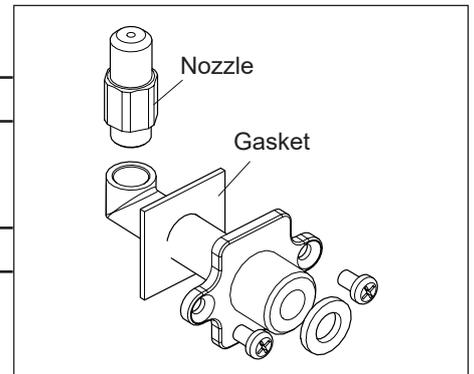


Fig. 30



#### WARNING

The tightening torque for gas pipe fittings must be 18 Nm.



#### WARNING

After refitting the gas pipes, start up the equipment to carry out calibration and make sure that there are no gas leaks from the copper pipes and the nozzle holder seal!

### 3.8.2 Setting the gas type

After changing the nozzle, you must set the gas type: from the user interface, open the technical parameter programming page and select gas type.

The parameter **P00** corresponds to the gas being supplied, as follows:

Gas	Parameters P00
Natural gas G20	0
Propane G31	1

To open technical parameter programming page:

- press the following keys at the same time:  +  for 5 seconds until symbols P and  are displayed on top right, and at the centre of the display are four zeroes, the first being flashing
- enter code "1398", one digit at a time, by turning the knob and confirming every single digit by pressing it (1, confirm; 3, confirm; 9, confirm; 8, confirm).



#### WARNING

---

**If the code is not entered properly, equipment will keep asking user to enter it.**

---

- confirm as soon as display shows **P00**
- when spanner symbol is flashing, turn knob to select value 0 or 1
- press knob to confirm
- press key  to quit the programming of technical parameters

### 3.8.3 Checking the offset

To calibrate the offset, you need a pressure gauge having a resolution of 1 Pa, periodically calibrated in accordance with the provisions of the relevant manufacturer.

After having set the type of operating gas (see paragraph *Setting the gas type*) calibrate the gas valve offset: this operation has to be carried out with the equipment at minimum power.

To set equipment operation to minimum power, you must use the flue cleaning function.

Proceed as follows:

- press the following keys at the same time:  +  for 5 secs until three digits are shown at the centre of the display, together with the % symbol
- turn knob to set operation percentage: 0% corresponds to operation at minimum power, 100% corresponds to operation at maximum power. Set the value to 0%.
- With the equipment working at minimum power, connect the pressure gauge positive terminal to the pressure measurement point **Pint** of valve (Fig. 31) and the negative terminal to the pressure measurement point **C** on fan worm screw (Fig. 32), after loosening the blanking caps. Check the pressure between the two points.
- The measured value must correspond to the "Offset value for gas valve" specified in the technical specifications table (see *Technical specifications tables - Gazelle Evo*).
- If necessary, adjust the offset by working screw A (Fig. 31) after loosening the lock screw.
- After adjustment, tighten back the blanking caps.
- to quit the flue cleaning function, press 

The flue cleaning function remains active for 10 minutes, i.e. the time necessary for completing the equipment calibration operations.

### 3.8.4 Combustion analysis

To analyse the combustion, use a combustion gas analyser for CO and CO<sub>2</sub>, periodically calibrated in accordance with the provisions of the relevant manufacturer.

After completing the offset check (see paragraph *Checking the offset*), perform combustion analysis for a better calibration.

Set the equipment to flue cleaning function:

- press the following keys at the same time:  +  for 5 secs until three digits are shown at the centre of the display, together with the % symbol
- turn knob to set operation percentage: 0% corresponds to operation at minimum power; 100% corresponds to operation at maximum power.

Remove the brass cap **B** and connect to the relevant socket onboard the equipment. Check that measured CO<sub>2</sub> corresponds to the values in the technical specifications table or on the nameplate hung to the anti-irradiation metal sheet. If necessary, adjust CO<sub>2</sub> content by working screw **A** with equipment at minimum power and working screw **R.Q. ADJ** with equipment at maximum power (Fig. 31).



#### WARNING

After combustion analysis, refit and fasten the brass cap, making sure that the silicone O-ring is not damaged and is properly in place.

Replace it if damaged!

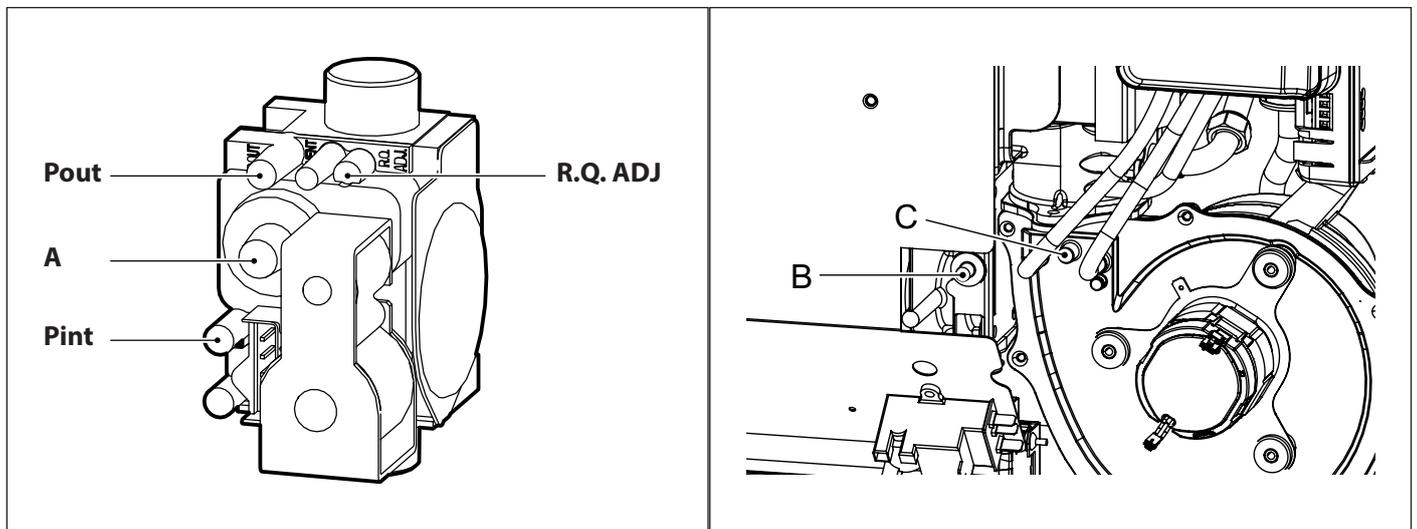


Fig. 31

Fig. 32

## 4. Maintenance



### WARNING

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**Equipment must be maintained by qualified personnel only, under the requirements set forth by the prevailing regulations.**

---

The user is strongly advised to have the product serviced and repaired by a service centre or qualified personnel.



### WARNING

---

**The user may only access parts of the equipment that can be reached without using special equipment or tools. The user is not authorised to remove the equipment casing or to operate on any internal parts.  
The user can use the equipment only when casing is installed and fastened.**

---



### WARNING

---

**Carry out maintenance when equipment is not operating, cold, disconnected from the mains and gas tap closed.**

---

### 4.1 Routine maintenance

The boiler must be serviced at least once every year.

Maintenance operations include check and cleaning procedures. In particular:

#### Check operations

- Check general integrity of the equipment.
- Check equipment gas circuit and gas supply for leakage.
- Check gas supply pressure.
- Check equipment ignition.
- Check the condition and seal integrity of the flue gas venting ducts.
- Check integrity of safety devices of the equipment in general.
- Check combustion chamber tightness.
- Check equipment combustion parameters by flue gas analysis.
- Check the operation of combustion fan and tangential fan.
- Check absence of deformation and/or corrosion of the exchanger body.

#### Cleaning operations

- General cleaning of the equipment.
- Clean the exchanger body external surface.
- Clean the gas nozzles.
- Clean the air intake and flue gas venting circuits.
- Clean the combustion fan and tangential fan.

#### When checking the equipment for the very first time, also verify:

- Boiler room suitability.
- Diameter and length of flue gas system ducts.
- Equipment installation in accordance to this manual's instructions.



### WARNING

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**The manufacturer shall not be held responsible for damage to people, animals, or property due to tampering with or improper intervention to the equipment or failed/poor maintenance.**

---

## 4.2 Extraordinary maintenance

Extraordinary maintenance includes changing equipment components that are worn out or broken.



### WARNING

---

**Strictly comply with the instructions below.**

---

#### Gas valve

The seals between gas valve and gas pipes must be replaced and then checked for sealing. The tightening torque for gas pipe fittings must be 18 Nm.

Gas valve calibration is mandatory: for calibration operations please strictly follow the procedures in paragraphs *Checking the offset* and *Combustion analysis*, for details on these topics.

The perfect sealing of valve pressure taps must be checked.

#### Flame electronic control board

The electronic board self-configures according to the equipment model upon connection to the wiring.

It is mandatory to set up the spare electronic board based on the gas type for which equipment is preset: for configuration, carefully follow the procedures in paragraph *Setting the gas type*, for details on these topics.

Make sure that all wirings have been correctly connected.

Make sure that user interface display shows machine correct power.

Do NOT start up the equipment if displayed power is not the actual one.

#### Air pressure switch

The code and the calibration values of the spare part must comply with the product model on which it has to be installed, according to technical specifications table.

After replacement, both silicone pipes sealing and connection must be checked.

#### Safety thermostats and exchanger temperature sensor

Spare part must be perfectly screwed and adhere to the element whose temperature must be measured.

#### Combustion fan

It is mandatory to properly position the O-ring in its seat, fasten the fan plate using all screws and check sealing.

#### Heat exchanger

In case of operations involving opening the heat exchanger, for instance in order to reach the burner, all affected seals must be changed and sealing checked and ensured.

#### Spark plugs and flame detection, inspection glass

In case of operations involving removing and/or changing the spark plugs and/or inspection glass, all affected seals must be changed and sealing checked and ensured.

## 5. Decommissioning, disassembly and disposal



### WARNING

---

Gas convective stoves are electrical and electronic equipment (EEE) and when decommissioned they become waste electrical and electronic equipment (WEEE), therefore, they must be disposed of in compliance with the legislation in force in the country of installation.

Gas convective stoves are classified as domestic appliances and must be disposed of in the same way as washing machines, dish washers and tumble dryers (R4 WEEE waste).

The disassembly of gas convective stoves and their disposal is therefore forbidden through channels not specifically provided for by law.

---

Decommissioning and disassembly operations of the gas convective stove must be performed with the equipment cold and disconnected from gas and power mains.



### WARNING

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The user is not authorised to carry out such operations.

---

## 6. Troubleshooting



### WARNING

The user must strictly comply with the relevant instructions **ONLY** aimed to users.

The user **MUST NOT** follow the instructions that are specific for qualified staff or personnel.

Malfunction	For the user	Only for qualified staff	
		Probable cause	Possible remedies
The burner does not ignite and equipment shuts down. Fault code <b>E01</b> shown on display.	Check that the gas tap is open and light a kitchen gas ring for example to check the gas supply.  Press key  . If equipment does not restart after five reset attempts, contact an Authorised Service Centre or qualified personnel and specify the fault code.	No gas supplied.	Make sure the gas tap is open. Check that gas supply reaches the valve.
		Air inside the piping.	Repeat the ignition sequence a few times.
		There is no spark.	Check the ignition transformer. Check the ignition electrode.
		The gas nozzle is dirty.	Wash and blow it.
The main burner does ignite but immediately turns off and equipment shuts down. Fault code <b>E01</b> shown on display.	Press key  . If equipment does not restart after five reset attempts, contact an Authorised Service Centre or qualified personnel and specify the fault code.	The electronic safety board is not working.	Replace it.
		Flame detection cable is disconnected.	Reconnect it.
		Detection electrode is grounded.	Replace it.
		Too much air at the burner.	Carefully bleed the gas system (for Propane gas).
Equipment is off, display shows <b>E02</b> .	Check that the air outlet grilles on the casing are not obstructed and there are no curtains hindering air circulation. Allow equipment to cool down before restarting it. If equipment shuts down again, contact an Authorised Service Centre or qualified personnel and specify the fault code.	Wrong calibration setting of the burner.	Calibrate the burner.
		The air safety thermostat was triggered due to overtemperature.	Check equipment operation.
		The air safety thermostat is faulty.	Replace it.
		The heat exchanger safety thermostat was triggered due to overtemperature.	Check equipment operation and current gas settings.
		The heat exchanger safety thermostat is faulty.	Replace it.
		Tangential fan not working.	Replace it.
Equipment is off, display shows <b>E03</b> .	Check that intake and vent terminals are not clogged with objects, leaves, snow, ice or any other obstruction. Remove obstruction, if any; equipment will restart autonomously. If intake and vent terminal is not obstructed, contact an Authorised Service Centre or qualified personnel and specify the fault code.	The electronic safety board does not supply the tangential fan.	Replace it.
		The air pressure switch does not trigger.	Check that intake and vent pipes are not clogged, squashed or disconnected.
		Air pressure switch is faulty.	Replace it.
		Combustion fan is blocked or not efficient.	Replace it.
		There are obstructions in the air intake and/or flue gas venting pipes.	Remove any obstructions.
The electronic safety board does not supply power to the centrifugal fan.	Replace it.		

Malfunction	For the user	Only for qualified staff	
		Probable cause	Possible remedies
Equipment is off, display shows <b>E05</b> .	Contact an Authorised Service Centre or qualified personnel and specify the fault code.	The primary exchanger probe is faulty.	Replace it.
Equipment is off, display shows <b>E06</b> .	Contact an Authorised Service Centre or qualified personnel and specify the fault code.	Ambient probe is faulty.	Replace it.
Equipment is off, display shows <b>E07</b> .	Contact an Authorised Service Centre or qualified personnel and specify the fault code.	External probe is faulty or disconnected.	Replace or reconnect it.
The appliance is off, the display shows <b>E08</b> .	Contact an Authorised Service Centre or qualified personnel and specify the fault code.	The main heat exchanger probe (burner holder probe) is broken or disconnected.	Replace or reconnect it.
Equipment is off, display shows <b>E22</b> .	Contact an Authorised Service Centre or qualified personnel and specify the fault code.	The electronic safety board is not working.	Replace it.
Equipment is off, display shows <b>E31</b> .	Contact an Authorised Service Centre or qualified personnel and specify the fault code.	The connection with the remote control is faulty.	Check and reconnect it.
		The electronic safety board is not working.	Replace it.
Equipment is off, display shows <b>E77</b> .	Contact an Authorised Service Centre or qualified personnel and specify the fault code.	The electronic safety board is not working.	Replace it.
Equipment is off, display shows <b>E99</b> .	Contact an Authorised Service Centre or qualified personnel and specify the fault code.	Available number of equipment resetting attempts used up.	Disconnect equipment from the mains and reconnect it.
User interface is not working, not allowing any adjustment or programming, is not working as expected.	Contact an Authorised Service Centre or qualified personnel and specify the fault.	User interface is faulty.	Replace it.
User interface is completely off or not working.	Contact an Authorised Service Centre or qualified personnel and specify the fault.	User interface is disconnected from the electronic safety board.	Reconnect it.
		User interface is faulty.	Replace it.
		The electronic safety board is not working.	Replace it.

## 7. Technical specifications tables - Gazelle Evo

MODEL		3000		5000		7000	
		G20	G31	G20	G31	G20	G31
Type		C13, C53		C13, C53		C13, C53	
Category		I12H3P		I12H3P		I12H3P	
Nominal heat input (Qn)	kW	2,9		4,9		6,4	
Reduced heat input (Qr)	kW	2		3		4,5	
Nominal heat output (Pn)	kW	2,72		4,52		5,88	
Reduced heat output (Pr)	kW	1,89		2,85		4,23	
Efficiency at nominal heat output	%	93,7	93,5	92,2	92,3	91,8	91,7
Efficiency at reduced heat output	%	94,5	94,7	94,9	95,1	94	93,8
NO <sub>x</sub> emissions at Qn (on Hs)	mg/kWh	55	73	74	89	95	121
NO <sub>x</sub> emissions EN 1266	mg/kWh	32	47	42	52	68	87
NO <sub>x</sub> emission class	-	5	5	5	5	5	5
Straight flue gas duct outer diameter	mm	55		55		55	
Split pipe outer diameter	mm	Ø 35 and Ø 60		Ø 35 and Ø 60		Ø 35 and Ø 60	
Power absorption	W	24		24		30	
Voltage and frequency	V - Hz	230 - 50		230 - 50		230 - 50	
Protection degree	IP	20		20		20	

Tab. 5

GAZELLE EVO 3000			G20	G31
Main burner nozzle	mm/100		245	200
Supply pressure	mbar		20	37
Offset value for gas valve	Pa		-0.5 ± 5	-1.1 ± 5
ΔP	Pa		180 ÷ 220	180 ÷ 220
Standard consumption	-		0.31 m <sup>3</sup> /h	0.23 kg/h
CO <sub>2</sub> (Qn)	%		9.5 ± 0.3	10.6 ± 0.3
CO <sub>2</sub> (Qr)	%		9.0 ± 0.3	10.4 ± 0.3

Tab. 6

GAZELLE EVO 5000			G20	G31
Main burner nozzle	mm/100		365	290
Supply pressure	mbar		20	37
Offset value for gas valve	Pa		1.0 ± 5	-2.3 ± 5
ΔP	Pa		120 ÷ 150	120 ÷ 150
Standard consumption	-		0.52 m <sup>3</sup> /h	0.38 kg/h
CO <sub>2</sub> (Qn)	%		9.3 ± 0.3	10.6 ± 0.3
CO <sub>2</sub> (Qr)	%		9.0 ± 0.3	10.3 ± 0.3

Tab. 7

GAZELLE EVO 7000			G20	G31
Main burner nozzle	mm/100		480	350
Supply pressure	mbar		20	37
Offset value for gas valve	Pa		-2.8 ± 5	-2.3 ± 5
ΔP	Pa		90 ÷ 110	90 ÷ 110
Standard consumption	-		0.68 m <sup>3</sup> /h	0.50 kg/h
CO <sub>2</sub> (Qn)	%		9.3 ± 0.3	10.4 ± 0.3
CO <sub>2</sub> (Qr)	%		9.0 ± 0.3	10.0 ± 0.3

Tab. 8

<b>Model ID: GAZELLE EVO 3000</b>					
Indirect heating function: No					
Direct heat output: 2.7 kW					
Indirect heat output 0.0 kW					
Type of fuel: Gas					
Fuel: G20					
NO <sub>x</sub> emissions: 55 mg/kWh					
Value	Symbol	Value			Unit
		Standard	CF <sup>(1)</sup>	CF+CD <sup>(2)</sup>	
<b>Heat output</b>					
Rated heat output	P <sub>nom</sub>	2,7	2,7	2,7	kW
Minimum heat output	P <sub>min</sub>	1,9	1,9	1,9	kW
<b>Useful efficiency (NCV)</b>					
Useful efficiency at nominal heat output	η <sub>th,nom</sub>	93,7	93,7	93,7	%
Useful efficiency at minimum heat output	η <sub>th,min</sub>	94,5	94,5	94,5	%
<b>Auxiliary power consumption</b>					
At nominal heat output	e <sub>l,max</sub>	0,024	0,024	0,024	kW
At minimum heat output	e <sub>l,min</sub>	0,014	0,014	0,014	kW
In stand-by mode	e <sub>l,SB</sub>	0,003	0,003	0,003	kW
<b>Type of heat output/ambient temperature control</b>					
Single phase heat output without ambient temperature control		no	no	no	Yes/No
Two or more manual phases without ambient temperature control		no	no	no	Yes/No
With ambient temperature control via mechanical thermostat		no	no	no	Yes/No
With electronic ambient temperature control		no	no	no	Yes/No
With electronic ambient temperature control and daily timer		no	no	no	Yes/No
With electronic ambient temperature control and weekly timer		yes	yes	yes	Yes/No
<b>Other control options</b>					
Ambient temperature control with presence detection function		no	no	no	Yes/No
Ambient temperature control with open window detection function		no	yes	yes	Yes/No
With remote control option		no	no	yes	Yes/No
With adaptable ignition control		no	no	no	Yes/No
With limitation of operating time		no	no	no	Yes/No
With black ball thermometer		no	no	no	Yes/No
<b>Output necessary for the permanent pilot light</b>					
Output necessary for the pilot light	P <sub>pilot</sub>	0,000	0,000	0,000	kW
<b>Energy efficiency class</b>					
Seasonal energy efficiency of ambient heating	η <sub>s</sub>	89	90	91	-
Energy efficiency class	-	A	A	A	A++...G
Contacts: FONDITAL S.p.A. - Via Cerreto, 40 I-25079 VOBARNO (Brescia) Italy					

Tab. 9

<sup>(1)</sup> CF: with open window detection function

<sup>(2)</sup> CF+CD: with open window detection function + remote control

<b>Model ID: GAZELLE EVO 3000</b>					
Indirect heating function: No					
Direct heat output: 2.7 kW					
Indirect heat output 0.0 kW					
Type of fuel: Gas					
Fuel: G31					
NO <sub>x</sub> emissions: 73 mg/kWh					
Value	Symbol	Value			Unit
		Standard	CF <sup>(1)</sup>	CF+CD <sup>(2)</sup>	
<b>Heat output</b>					
Rated heat output	P <sub>nom</sub>	2,7	2,7	2,7	kW
Minimum heat output	P <sub>min</sub>	1,9	1,9	1,9	kW
<b>Useful efficiency (NCV)</b>					
Useful efficiency at nominal heat output	η <sub>th,nom</sub>	93,5	93,5	93,5	%
Useful efficiency at minimum heat output	η <sub>th,min</sub>	94,7	94,7	94,7	%
<b>Auxiliary power consumption</b>					
At nominal heat output	e <sub>l,max</sub>	0,027	0,027	0,027	kW
At minimum heat output	e <sub>l,min</sub>	0,014	0,014	0,014	kW
In stand-by mode	e <sub>l,SB</sub>	0,003	0,003	0,003	kW
<b>Type of heat output/ambient temperature control</b>					
Single phase heat output without ambient temperature control		no	no	no	Yes/No
Two or more manual phases without ambient temperature control		no	no	no	Yes/No
With ambient temperature control via mechanical thermostat		no	no	no	Yes/No
With electronic ambient temperature control		no	no	no	Yes/No
With electronic ambient temperature control and daily timer		no	no	no	Yes/No
With electronic ambient temperature control and weekly timer		yes	yes	yes	Yes/No
<b>Other control options</b>					
Ambient temperature control with presence detection function		no	no	no	Yes/No
Ambient temperature control with open window detection function		no	yes	yes	Yes/No
With remote control option		no	no	yes	Yes/No
With adaptable ignition control		no	no	no	Yes/No
With limitation of operating time		no	no	no	Yes/No
With black ball thermometer		no	no	no	Yes/No
<b>Output necessary for the permanent pilot light</b>					
Output necessary for the pilot light	P <sub>pilot</sub>	0,000	0,000	0,000	kW
<b>Energy efficiency class</b>					
Seasonal energy efficiency of ambient heating	η <sub>s</sub>	89	89	90	-
Energy efficiency class	-	A	A	A	A++...G
Contacts: FONDITAL S.p.A. - Via Cerreto, 40 I-25079 VOBARNO (Brescia) Italy					

Tab. 10

<sup>(1)</sup> CF: with open window detection function

<sup>(2)</sup> CF+CD: with open window detection function + remote control

<b>Model ID: GAZELLE EVO 5000</b>					
Indirect heating function: No					
Direct heat output: 4.5 kW					
Indirect heat output 0.0 kW					
Type of fuel: Gas					
Fuel: G20					
NO <sub>x</sub> emissions: 74 mg/kWh					
Value	Symbol	Value			Unit
		Standard	CF <sup>(1)</sup>	CF+CD <sup>(2)</sup>	
<b>Heat output</b>					
Rated heat output	P <sub>nom</sub>	4,5	4,5	4,5	kW
Minimum heat output	P <sub>min</sub>	2,8	2,8	2,8	kW
<b>Useful efficiency (NCV)</b>					
Useful efficiency at nominal heat output	η <sub>th,nom</sub>	92,2	92,2	92,2	%
Useful efficiency at minimum heat output	η <sub>th,min</sub>	94,9	94,9	94,9	%
<b>Auxiliary power consumption</b>					
At nominal heat output	e <sub>l,max</sub>	0,023	0,023	0,023	kW
At minimum heat output	e <sub>l,min</sub>	0,014	0,014	0,014	kW
In stand-by mode	e <sub>l,SB</sub>	0,003	0,003	0,003	kW
<b>Type of heat output/ambient temperature control</b>					
Single phase heat output without ambient temperature control		no	no	no	Yes/No
Two or more manual phases without ambient temperature control		no	no	no	Yes/No
With ambient temperature control via mechanical thermostat		no	no	no	Yes/No
With electronic ambient temperature control		no	no	no	Yes/No
With electronic ambient temperature control and daily timer		no	no	no	Yes/No
With electronic ambient temperature control and weekly timer		yes	yes	yes	Yes/No
<b>Other control options</b>					
Ambient temperature control with presence detection function		no	no	no	Yes/No
Ambient temperature control with open window detection function		no	yes	yes	Yes/No
With remote control option		no	no	yes	Yes/No
With adaptable ignition control		no	no	no	Yes/No
With limitation of operating time		no	no	no	Yes/No
With black ball thermometer		no	no	no	Yes/No
<b>Output necessary for the permanent pilot light</b>					
Output necessary for the pilot light	P <sub>pilot</sub>	0,000	0,000	0,000	kW
<b>Energy efficiency class</b>					
Seasonal energy efficiency of ambient heating	η <sub>s</sub>	88	89	90	-
Energy efficiency class	-	A	A	A	A++...G
Contacts: FONDITAL S.p.A. - Via Cerreto, 40 I-25079 VOBARNO (Brescia) Italy					

Tab. 11

<sup>(1)</sup> CF: with open window detection function

<sup>(2)</sup> CF+CD: with open window detection function + remote control

<b>Model ID: GAZELLE EVO 5000</b>					
Indirect heating function: No					
Direct heat output: 4.5 kW					
Indirect heat output 0.0 kW					
Type of fuel: Gas					
Fuel: G31					
NO <sub>x</sub> emissions: 89 mg/kWh					
Value	Symbol	Value			Unit
		Standard	CF <sup>(1)</sup>	CF+CD <sup>(2)</sup>	
<b>Heat output</b>					
Rated heat output	P <sub>nom</sub>	4,5	4,5	4,5	kW
Minimum heat output	P <sub>min</sub>	2,9	2,9	2,9	kW
<b>Useful efficiency (NCV)</b>					
Useful efficiency at nominal heat output	η <sub>th,nom</sub>	92,4	92,4	92,4	%
Useful efficiency at minimum heat output	η <sub>th,min</sub>	95,1	95,1	95,1	%
<b>Auxiliary power consumption</b>					
At nominal heat output	e <sub>l,max</sub>	0,024	0,024	0,024	kW
At minimum heat output	e <sub>l,min</sub>	0,014	0,014	0,014	kW
In stand-by mode	e <sub>l,SB</sub>	0,003	0,003	0,003	kW
<b>Type of heat output/ambient temperature control</b>					
Single phase heat output without ambient temperature control		no	no	no	Yes/No
Two or more manual phases without ambient temperature control		no	no	no	Yes/No
With ambient temperature control via mechanical thermostat		no	no	no	Yes/No
With electronic ambient temperature control		no	no	no	Yes/No
With electronic ambient temperature control and daily timer		no	no	no	Yes/No
With electronic ambient temperature control and weekly timer		yes	yes	yes	Yes/No
<b>Other control options</b>					
Ambient temperature control with presence detection function		no	no	no	Yes/No
Ambient temperature control with open window detection function		no	yes	yes	Yes/No
With remote control option		no	no	yes	Yes/No
With adaptable ignition control		no	no	no	Yes/No
With limitation of operating time		no	no	no	Yes/No
With black ball thermometer		no	no	no	Yes/No
<b>Output necessary for the permanent pilot light</b>					
Output necessary for the pilot light	P <sub>pilot</sub>	0,000	0,000	0,000	kW
<b>Energy efficiency class</b>					
Seasonal energy efficiency of ambient heating	η <sub>s</sub>	88	89	90	-
Energy efficiency class	-	A	A	A	A++...G
Contacts: FONDITAL S.p.A. - Via Cerreto, 40 I-25079 VOBARNO (Brescia) Italy					

Tab. 12

<sup>(1)</sup> CF: with open window detection function

<sup>(2)</sup> CF+CD: with open window detection function + remote control

Model ID: GAZELLE EVO 7000					
Indirect heating function: No					
Direct heat output: 5.9 kW					
Indirect heat output 0.0 kW					
Type of fuel: Gas					
Fuel: G20					
NO <sub>x</sub> emissions: 95 mg/kWh					
Value	Symbol	Value			Unit
		Standard	CF <sup>(1)</sup>	CF+CD <sup>(2)</sup>	
<b>Heat output</b>					
Rated heat output	P <sub>nom</sub>	5,9	5,9	5,9	kW
Minimum heat output	P <sub>min</sub>	4,2	4,2	4,2	kW
<b>Useful efficiency (NCV)</b>					
Useful efficiency at nominal heat output	η <sub>th,nom</sub>	91,8	91,8	91,8	%
Useful efficiency at minimum heat output	η <sub>th,min</sub>	94,0	94,0	94,0	%
<b>Auxiliary power consumption</b>					
At nominal heat output	e <sub>l,max</sub>	0,030	0,030	0,030	kW
At minimum heat output	e <sub>l,min</sub>	0,017	0,017	0,017	kW
In stand-by mode	e <sub>l,SB</sub>	0,004	0,004	0,004	kW
<b>Type of heat output/ambient temperature control</b>					
Single phase heat output without ambient temperature control		no	no	no	Yes/No
Two or more manual phases without ambient temperature control		no	no	no	Yes/No
With ambient temperature control via mechanical thermostat		no	no	no	Yes/No
With electronic ambient temperature control		no	no	no	Yes/No
With electronic ambient temperature control and daily timer		no	no	no	Yes/No
With electronic ambient temperature control and weekly timer		yes	yes	yes	Yes/No
<b>Other control options</b>					
Ambient temperature control with presence detection function		no	no	no	Yes/No
Ambient temperature control with open window detection function		no	yes	yes	Yes/No
With remote control option		no	no	yes	Yes/No
With adaptable ignition control		no	no	no	Yes/No
With limitation of operating time		no	no	no	Yes/No
With black ball thermometer		no	no	no	Yes/No
<b>Output necessary for the permanent pilot light</b>					
Output necessary for the pilot light	P <sub>pilot</sub>	0,000	0,000	0,000	kW
<b>Energy efficiency class</b>					
Seasonal energy efficiency of ambient heating	η <sub>s</sub>	88	89	90	-
Energy efficiency class	-	A	A	A	A++...G
Contacts: FONDITAL S.p.A. - Via Cerreto, 40 I-25079 VOBARNO (Brescia) Italy					

Tab. 13

<sup>(1)</sup> CF: with open window detection function

<sup>(2)</sup> CF+CD: with open window detection function + remote control

<b>Model ID: GAZELLE EVO 7000</b>					
Indirect heating function: No					
Direct heat output: 5.9 kW					
Indirect heat output 0.0 kW					
Type of fuel: Gas					
Fuel: G31					
NO <sub>x</sub> emissions: 121 mg/kWh					
Value	Symbol	Value			Unit
		Standard	CF <sup>(1)</sup>	CF+CD <sup>(2)</sup>	
<b>Heat output</b>					
Rated heat output	P <sub>nom</sub>	5,9	5,9	5,9	kW
Minimum heat output	P <sub>min</sub>	4,2	4,2	4,2	kW
<b>Useful efficiency (NCV)</b>					
Useful efficiency at nominal heat output	η <sub>th,nom</sub>	91,7	91,7	91,7	%
Useful efficiency at minimum heat output	η <sub>th,min</sub>	93,8	93,8	93,8	%
<b>Auxiliary power consumption</b>					
At nominal heat output	e <sub>l,max</sub>	0,031	0,031	0,031	kW
At minimum heat output	e <sub>l,min</sub>	0,017	0,017	0,017	kW
In stand-by mode	e <sub>l,SB</sub>	0,004	0,004	0,004	kW
<b>Type of heat output/ambient temperature control</b>					
Single phase heat output without ambient temperature control		no	no	no	Yes/No
Two or more manual phases without ambient temperature control		no	no	no	Yes/No
With ambient temperature control via mechanical thermostat		no	no	no	Yes/No
With electronic ambient temperature control		no	no	no	Yes/No
With electronic ambient temperature control and daily timer		no	no	no	Yes/No
With electronic ambient temperature control and weekly timer		yes	yes	yes	Yes/No
<b>Other control options</b>					
Ambient temperature control with presence detection function		no	no	no	Yes/No
Ambient temperature control with open window detection function		no	yes	yes	Yes/No
With remote control option		no	no	yes	Yes/No
With adaptable ignition control		no	no	no	Yes/No
With limitation of operating time		no	no	no	Yes/No
With black ball thermometer		no	no	no	Yes/No
<b>Output necessary for the permanent pilot light</b>					
Output necessary for the pilot light	P <sub>pilot</sub>	0,000	0,000	0,000	kW
<b>Energy efficiency class</b>					
Seasonal energy efficiency of ambient heating	η <sub>s</sub>	88	89	90	-
Energy efficiency class	-	A	A	A	A++...G
Contacts: FONDITAL S.p.A. - Via Cerreto, 40 I-25079 VOBARNO (Brescia) Italy					

Tab. 14

<sup>(1)</sup> CF: with open window detection function

<sup>(2)</sup> CF+CD: with open window detection function + remote control

## 8. Manufacturer's declaration

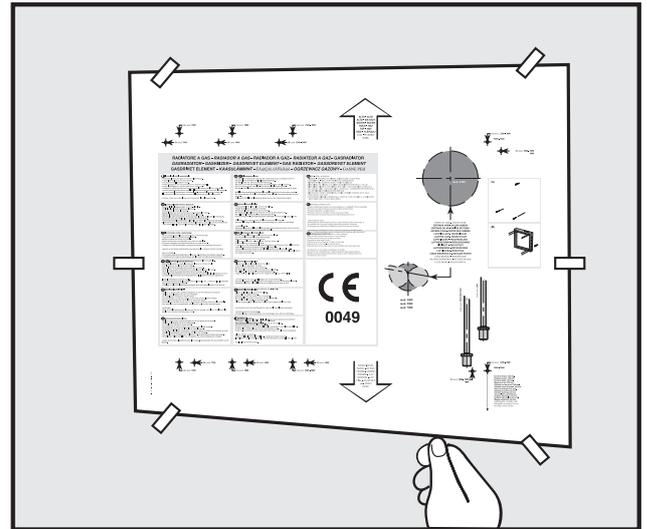
<b>EU DECLARATION OF CONFORMITY</b>		n° 007	
		16/06/2020	Ed. 1
<b>Gas Regulation (UE) 2016/426</b> <b>Electromagnetic Compatibility Directive 2014/30/UE</b> <b>Low Voltage Directive 2014/35/UE</b> <b>Ecodesign Directive 2009/125/UE</b> <b>Energy Labelling Regulation (UE) 2017/1369</b>			
<b>FONDITAL S.p.A.</b> <small>having its registered office in</small> <b>Via Cerreto 40 - 25079 Vobarno (BS), Italy</b>  states under its own responsibility that the listed products fulfill the essential requirements set out in the Directives and Regulations outlined above			
Brand name: Models:	<b>Fondital</b> Gazelle EVO 3000 Gazelle EVO 5000 Gazelle EVO 7000		
Certificate (UE) 2016/426	61BP2706	Issued by 0061 IMQ Milano Modul B - on 30/07/2018 Ten-year validity	
Applied standards: EN 1266:2002+A1:2004 EN 60335-2-102 (2016); EN 55014-1 (2006) + A1(2009) + A2 (2011); EN 55014-2 (1997) + A1 (2001) + A2 (2008) EN 61000-3-2 (2014); EN 61000-3-3 (2013)			

  
**Fondital S.p.A.**  
 Valeria Niboli

## 9. Sequence for installing a straight wall vent

For installation, proceed as follows:

1. Take equipment out of the covering: first take intake and vent pipes and the terminal
2. Use the paper template and apply it in the precise wall position where equipment shall be installed.

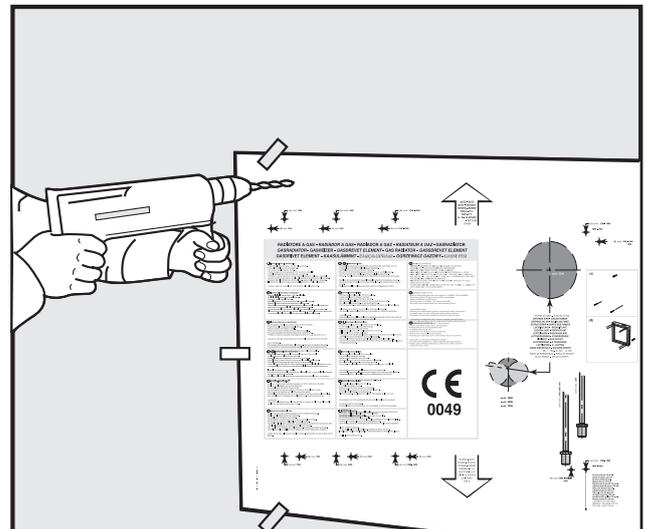


3. Drill the wall according to the template paying utmost attention as the positions of the mounting holes and of the intake and vent hole are different according to the model.

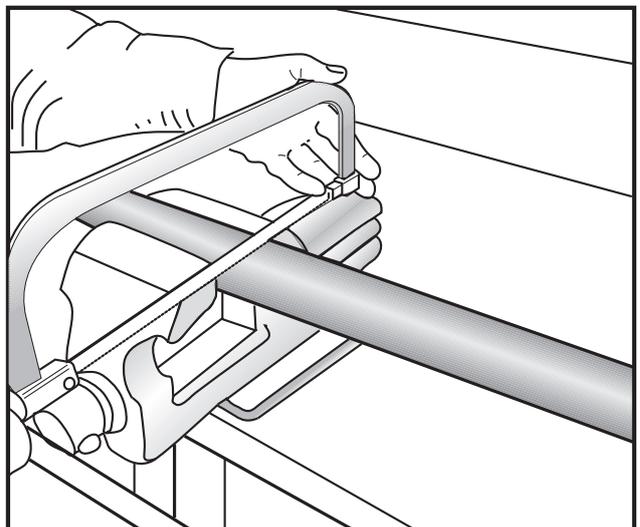
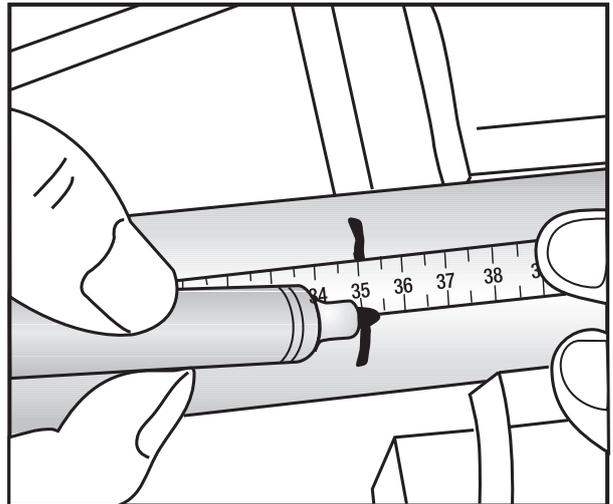
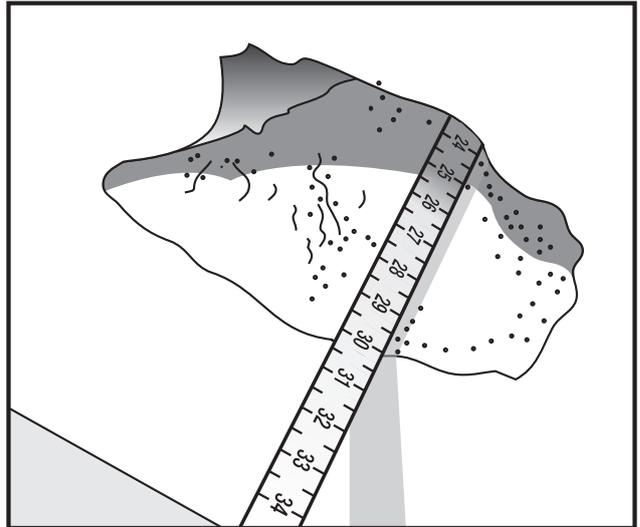


### WARNING

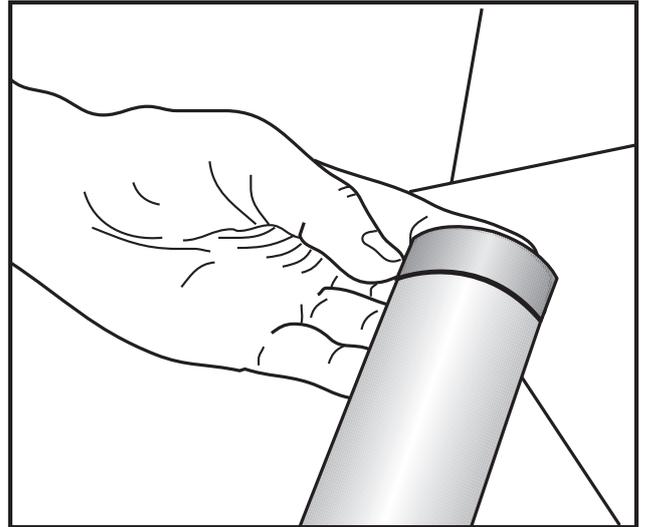
The hole for intake/vent pipes must be slightly slanted downwards to allow drainage of any condensation.



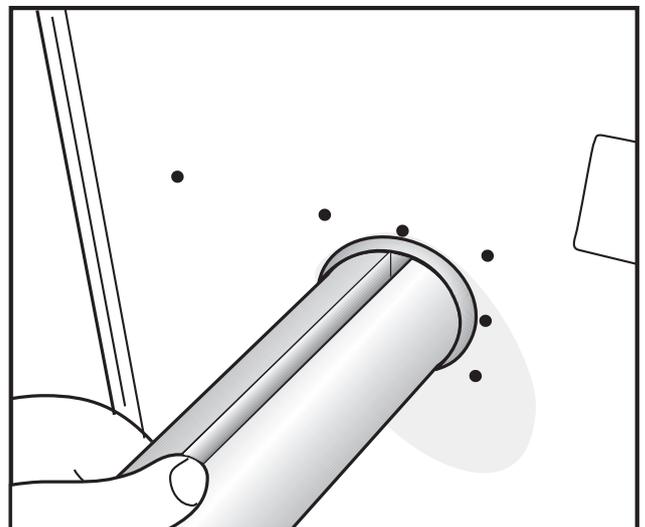
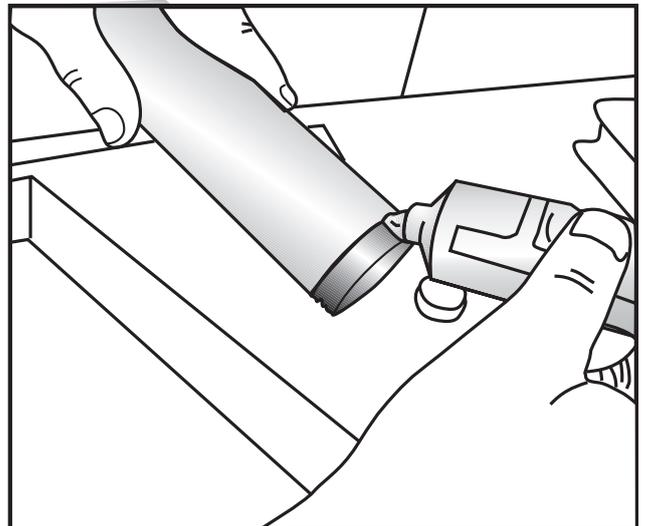
4. Measure the depth of the hole drilled on the wall for intake and vent, then cut intake and vent pipes 5 cm longer than measured hole depth.



5. Apply the suitable seal to intake and vent pipes.

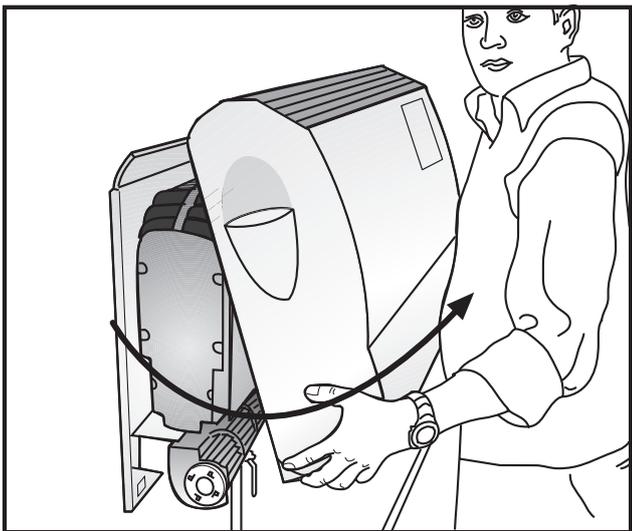
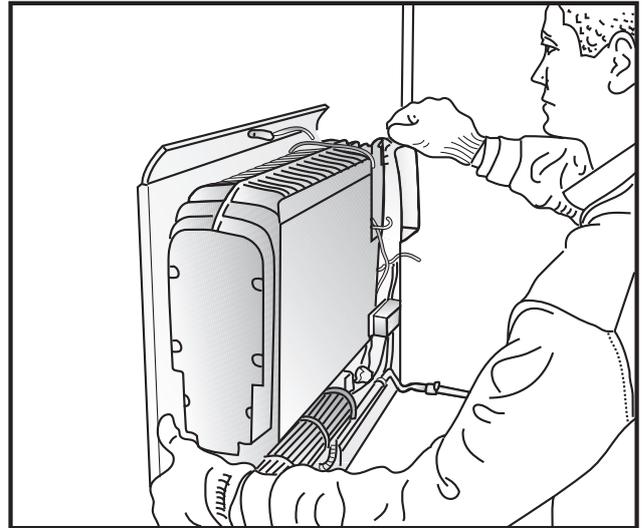
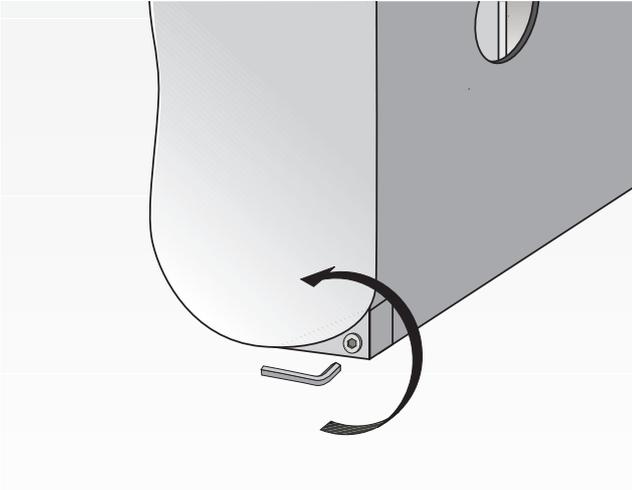


6. Use sliding agent if necessary to help installing the two pipes to the machine.



- Grab the machine, insert the intake and vent pipes through the hole drilled on the wall and fasten the machine to the wall using the supplied screws.

Remove machine casing as follows:



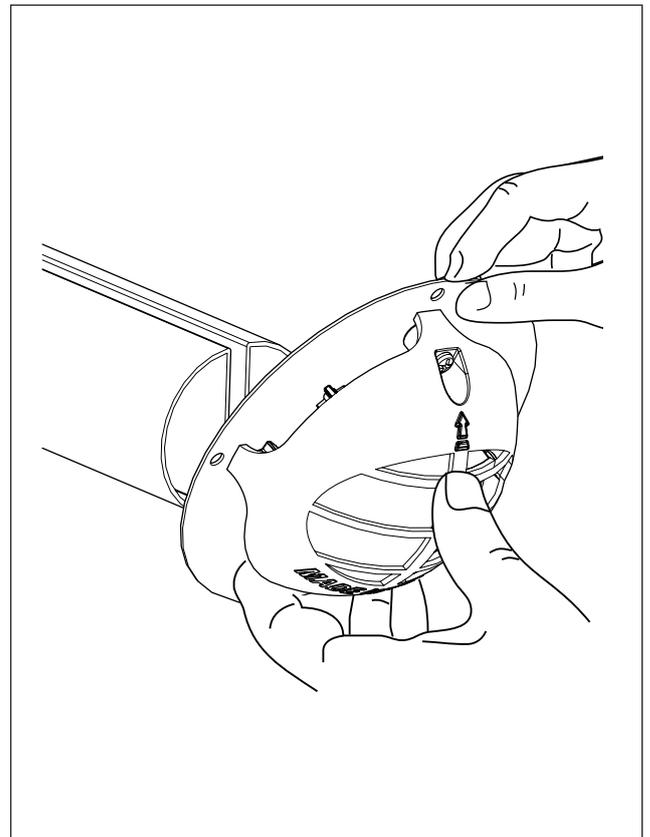
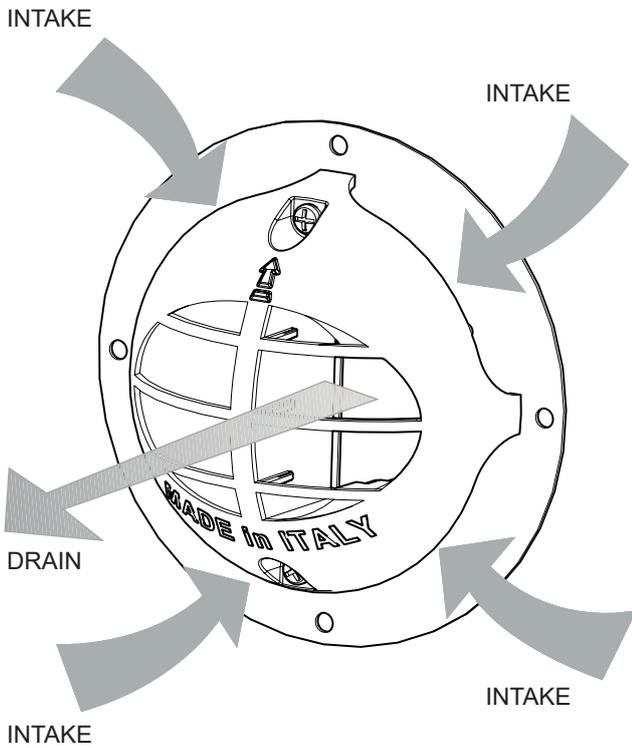
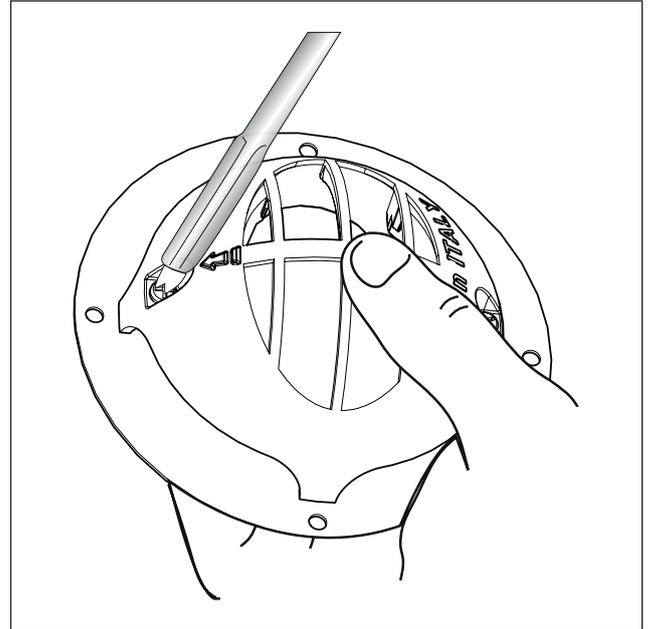
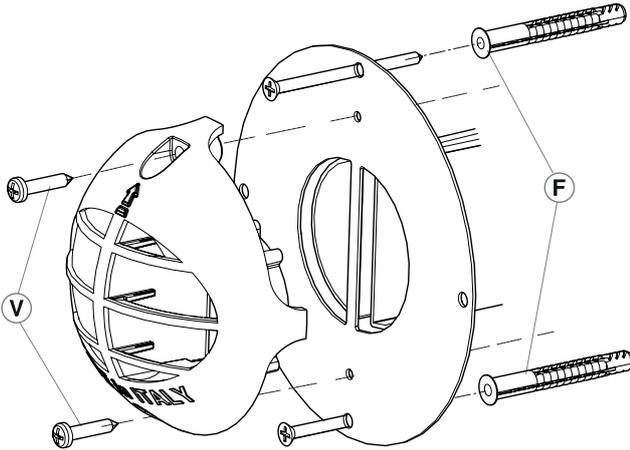


**DANGER**

The empty space between the inlet/outlet pipes and the hole in the wall must be carefully sealed on the inside with sealant resistant to at least 200 °C to prevent possible re-entry of combustion products into the room.

8. Fix the flange to the vent terminal by inserting the screws in the wall as specified below.

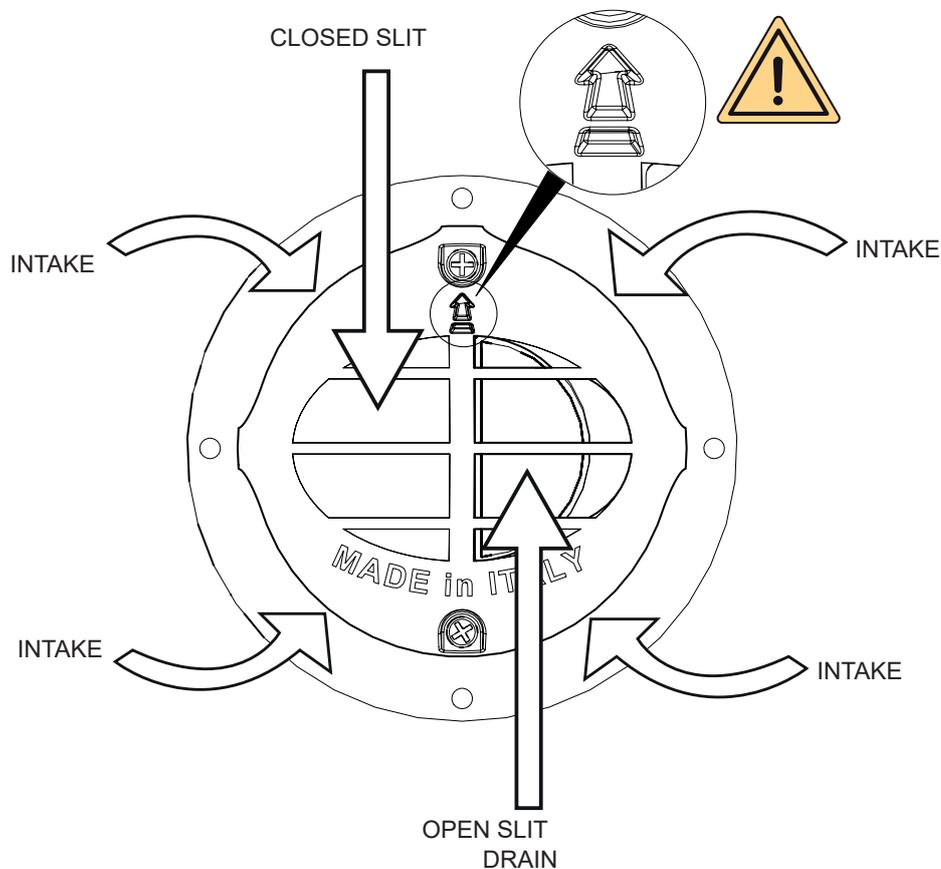
Fastening the flange to the wall using the supplied Fischer plug anchors "F". The terminal must be fastened to the flange using two supplied screws "V".



9. Insert the exhaust/intake terminal on the pipe, at the end of the operation the exhaust should appear as in the figure below

 **DANGER**

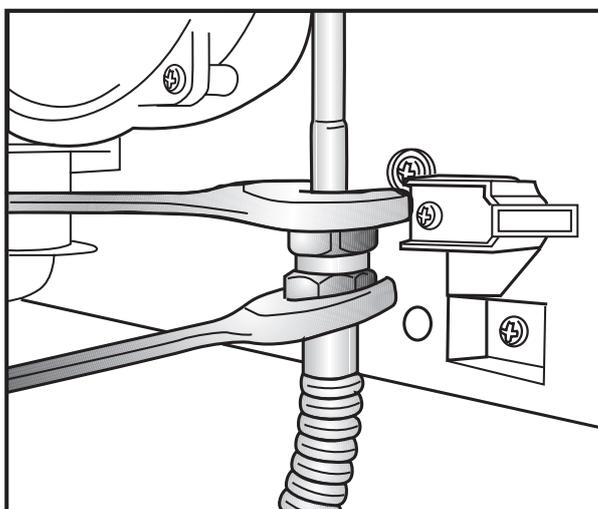
**Make sure that the flue gases come out of the open slit.**



10. Screw the piping using two hexagonal wrenches to prevent fitting from turning.

 **WARNING**

**To connect the convection stove to the distribution system, only use flat seals, suitable for the purpose.**



11. Carry out the electrical connections.

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Fondital S.p.A. - Società a unico socio  
25079 VOBARNO (Brescia) Italy - Via Cerreto, 40  
Tel. +39 0365 878 31  
Fax +39 0365 878 304  
e-mail: [info@fondital.it](mailto:info@fondital.it)  
[www.fondital.com](http://www.fondital.com)

The manufacturer reserves the right to modify his/her products as deemed necessary, without altering the basic characteristics of the products themselves.

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