

Dear consumer, it is mandatory to observe and implement the provisions of this manual
Please read it carefully and follow it.
Otherwise, La Piramide Company will not be responsible for possible incidents.



Thermostatic & Normal Valve VENTED GAS FIREPLACE INSTALLATION MANUAL



*The Right Choice ,
For a Better Living*



LA PIRAMIDE
Kitchenware

**We started with the name of God
And we continue with his memory**

Dear Consumer;

La Piramide gas heaters and fireplaces are unique due their industrial design, excellent quality of parts, compliance with technical principles and regulations, national and international standards and having a safety system and comfortable heating.

Now, due to receiving three important and valid international certificates (Quality Assurance Management System - ISO 9001 and Environmental Management System - ISO 14001 and Safety and Health Standard System ISO 45001) and CE product standard for export to European countries we have become more determined to always provide products of declared quality and with the least negative impact on the environment.

By increasing the thermal efficiency of the products, which is in accordance with the European standard (EN 613-A), La Piramide products are now providing consumers with the highest efficiency with a reduction in fuel consumption.

Despite the mentioned points, the satisfaction of you, dear consumers, as the main goal of this industrial complex, will be achieved when you pay special attention to the safety points and regulations included in this guide brochure and follow them completely.

From now on, you are an honored member of the big La Piramide family. Therefore, we are eagerly ready to receive your valuable comments and suggestions by e-mail through info@lapiramidehome.com

Thank you and congratulations for your proper choice.



LA PIRAMIDE®
Kitchenware

info@lapiramidehome.com
www.lapiramidehome.com



**First of all, pay attention to the following safety tips.
Remember them and act accordingly**

Acquaintance with the product you have bought.... Curved gas fireplace with chimney:

As the name of this product suggests, this device is a gas-burning product with a chimney. As a result, it must be connected to a correct and suitable chimney system for installation.

The responsibility of the correct installation of this heater is the main duty of the authorized technicians.

⊘ Never use a heater if you don't have a proper chimney

The chimney system inside the building must be designed in such a way that it can transfer all the combustion gases to the outside of the building with proper suction.

⊘ Dear consumer: due to the presence of miscellaneous and non-standard parts in the market, if you see possible defects in the parts of heaters and fireplaces of La Piramide (gas control valves, aluminum pipes, burners, Oxygen Depletion Pilots, Logs, glass fireplaces, etc.), contact the authorized technicians of this company to use the original parts approved by La Piramide Company when replacing. This will definitely prevent possible problems.

If miscellaneous parts are used, La Piramide will not be held responsible.

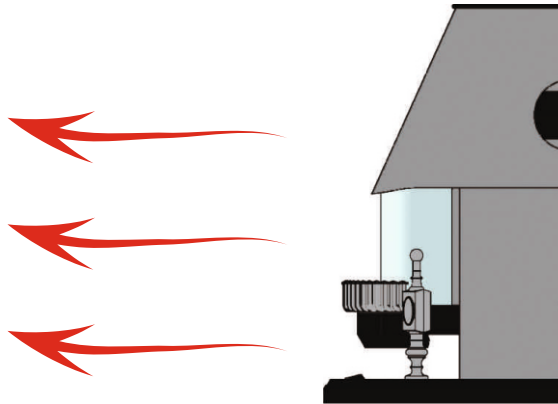
La Piramide products are equipped with a natural suction system, which with the correct installation of the fireplace and their chimney, as well as the proper ventilation of the indoor air, do not produce carbon monoxide gas (CO) in any way, and the gases from combustion are also fully discharged through the chimney to the outside the building.

Unique features of the curved fireplace:

Considering the low thermal efficiency of wall-mounted decorative fireplaces and the potential dangers of these fireplaces, La Piramide Company has designed and produced a new curved fireplace, which, in addition to its high thermal efficiency and safety factor, also evokes the beauty of decorative fireplace flames. This beauty, along with the unique design of the fireplace, has given it a special charm.

Some features of the curved fireplace:

Curved fireplace has the ability to transfer heat in the form of radiation up to 3 meters.



This fireplace does not have any heat transfer to its lower surface, so it can be easily used on all types of coverings. This curved fireplace is completely compatible with the environment, using the first double burner and complete combustion, the production of environmental pollutants has been minimized and all the parts used in the construction of this fireplace can be recycled.

In the production of this product, special attention has been paid to reducing energy consumption and increasing thermal efficiency.

In the design and manufacture of this product, the most important issue and priority has been high thermal efficiency and optimization of fuel consumption.





Know the product chimney and know its specifications

Although the responsibility of installing and setting up and identifying the right chimney for your heater is the main duty of La Piramide's authorized technicians but due to the importance of the matter, it is better for you to know its details.

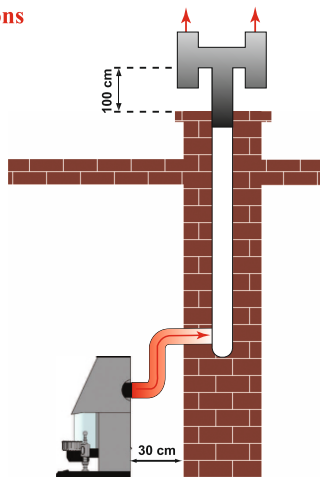
Chimney:

In every gas burning product, burning one cubic meter of natural gas produces 11 cubic meters of combustion gases, some of which are harmful for breathing, such as NO_x, CO and unburned gases... which must be transferred by The chimney outside the building.

Type of chimney:

A good chimney must have sufficient strength and be resistant to heat, corrosion and rust caused by gases inside the chimney (combustion) and its condensate. Perhaps the pipes made of galvanized material are the most suitable type of choice for the chimney. Therefore, do not use rusty, worn, tin or accordion pipes in the chimney system.

The thickness of the galvanized sheet of the chimney pipe should be at least 0.6 mm.



Chimney joints:

Proper and firm connection of the chimney parts to each other and to the curved fireplace as well as to the chimney of the building should be ensured, that the parts are well placed inside each other and secured and will not be separated easily. (If necessary, this job can be done by screws or rivets.)

All pipes and chimney connections should be about 5 cm inside each other and be completely secured.

The end of the chimney pipe (on the roof) must be at least 100 cm from the highest point of the roof. It should be higher and up to a radius of 3 meters around the chimney should be free.

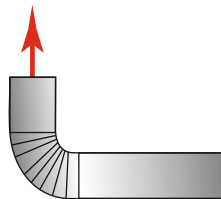
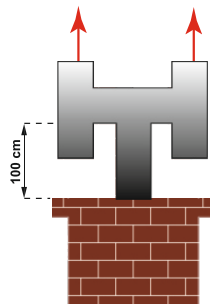
Houses with gable roofs are no exception to this rule.

- ⊗ If the house where the curved fireplace is located is next to a taller building, then the height of the chimney should be 60 cm higher than the roof of that building.

The end of the chimney pipe on the roof must be connected and secured to an etched cap (H) and the installation of the chimney cap on the roof should be ensured from time to time. (especially when the weather is stormy).

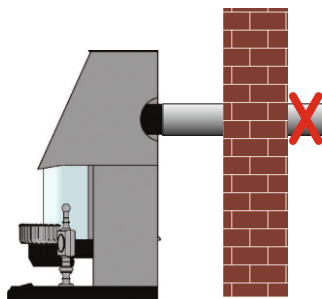
The maximum route of the chimney should be inside the building or inside its wall, and use the least number of elbow joints in the heater chimney as possible. (Maximum of 2 elbow joints).

Note: The last elbow of the chimney connections must always be upwards.

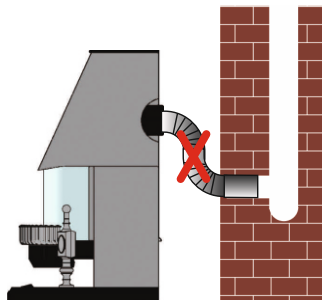




- ⊘ The metal chimney should not be directly directed outside the building, because for the combustion gases to escape, about 2 meters of the chimney pipe must be completely hot.



- ⊘ Under no circumstances should the level of the chimney inside the building be lower than the level of the pipe of the gas burning appliance. Otherwise, the installation of the curved fireplace by the technicians is **"prohibited"** until the chimney of the building is repaired by competent people.



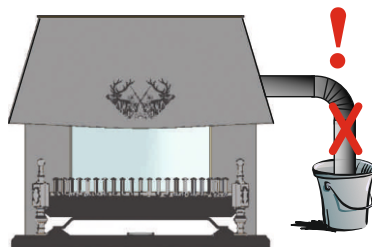
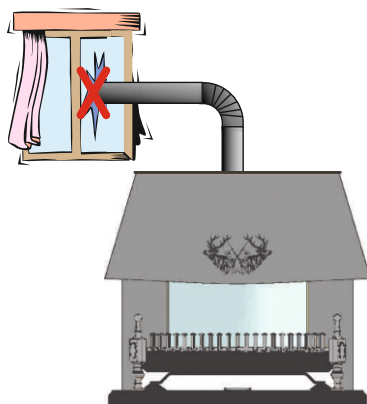
- ⊘ Avoid leaving the chimney pipe inside the window glass, because due to the heating of the chimney, the glass may crack and break, causing the heater chimney to fall and cause danger.

⊘ **Warning**

Some people, due to not having a chimney at the place of product installation, put the end of the chimney pipe of the heater and fireplace into a bucket or container of water.

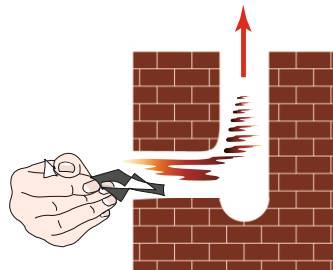
This practice is extremely dangerous.

Therefore, avoid placing the end of the chimney inside the water container separately.





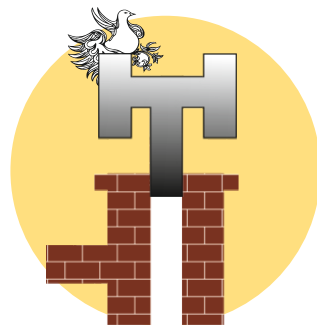
Before installing the chimney of the curved fireplace, the chimney path of the building must be inspected to make sure that the path is open. This can be tested with the smoke from a half-burnt piece of paper. In this way, if a piece of half-burnt paper is placed in the entrance opening of the chimney of the building, the smoke should be drawn towards the chimney of the building and through it, it will be transferred outside the building.



⊘ If the chimney of the building is not suitable for installing a curved fireplace, the technician should not install the heater until the chimney of the building is repaired by competent people.

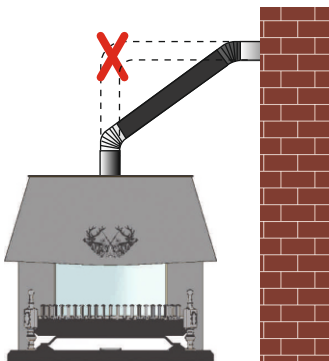
Remember:

It has often been seen that in spring and summer, birds build a nest on the roof of the end of the chimney pipe and cause partial clogging of the chimney. Therefore, in the cold season, when you decide to use gas appliances, you must check the ends of the chimney pipes and clean them completely so that you have a chimney without blockages and approved.



- ⊘ Every curved fireplace must have an independent chimney, so avoid connecting the chimney of two or more products to the chimney of other gas, oil, diesel burning, etc. separately.

The chimney of the curved fireplace inside the building should not be placed horizontally and at least it should have an angle of 45 degrees to the floor of the room.



One of the signs of the correct functioning of the heater and chimney system of the building is that when the heater is used (at most 5 minutes after starting), its metal chimney is completely heated. Therefore, every now and then, carefully check the chimney of the fireplace to make sure that it is hot. If the chimney pipe is cold, turn off the curved fireplace and contact the nearest authorized technician of La Piramide Company.



How to install and connect the fireplace to the gas piping of the building:

It is emphasized that this should be done by competent people and the installation of curved fireplaces by non-specialists should be avoided

Place the curved fireplace in a place that has the shortest distance from the chimney of the building.

Make sure that the location of the heater is flat and the heater is completely level. The standard minimum distance of the curved fireplace from the surrounding walls is 30 cm, observe it.

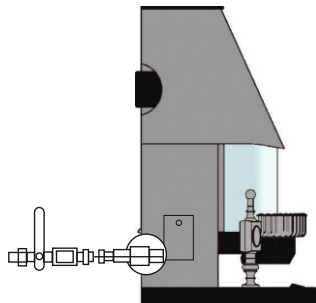
To connect the curved fireplace to the gas piping inside the building, a standard semi-hard pipe (made of aluminum or copper) and appropriate connections should be used. The length of the semi-hard tube should not exceed 1.2 meters.

Also, the curved fireplace can be connected to the gas piping system inside the building with a special gas hose and a standardized iron clamp. The length of the special gas hose should not exceed 1.2 meters and should be replaced every 3 years.

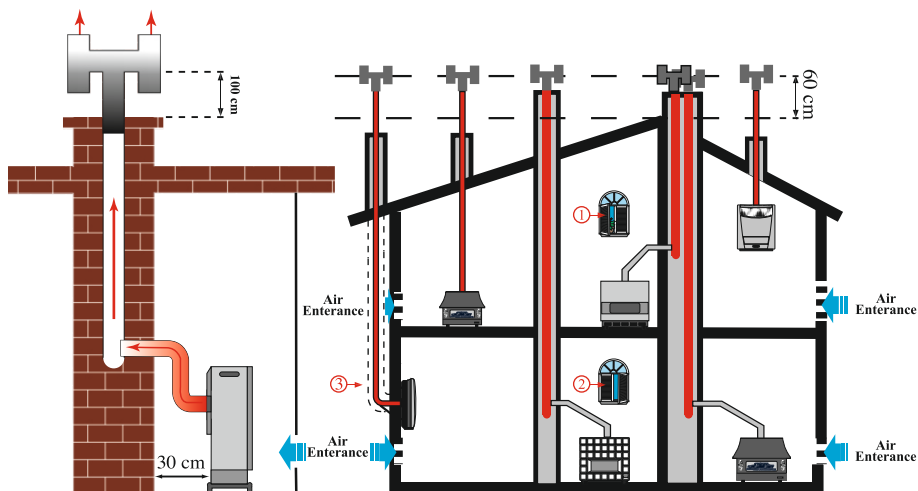
⊗ Warning

Never use a water hose to transfer gas to gas appliances, it is extremely dangerous.

It is necessary to install a ball valve between the building's gas pipe system and the connecting pipe to the curved fireplace so that the gas flow can be immediately cut off when needed. (This valve must be completely in the correct position).



Correct chimney installation:



- ⊘ Because the air required for the operation of this type of gas fireplace is supplied from inside the building, therefore the building or the room where the curved fireplace is installed must have proper ventilation so that fresh air can easily enter the area. If there is no suitable place for air to enter the room, you should leave the door or window open as needed. (Figures 2 and 1) and in the case that the chimney goes from the outside of the building to the roof, proper insulation must be used around the chimney. (Figure 3)



Safety tips
which must be observed

- 1- Failure to use this instruction correctly can cause the curved fireplace heater to not work properly (and cause danger).
- 2- This product must be installed in a space that must have proper ventilation.
- 3- The pressure and type of gas used must be in accordance with the specifications of the device, and in case of need, necessary changes should be made by the authorized technician.
- 4- Avoid covering the screen on the curved fireplace with aluminum foil or... separately. A curved fireplace requires proper heat exchange.
- 5- When installing a curved fireplace, it is necessary to observe the distance to the wall according to the distance determined by the manufacturer. (about 30 cm)
- 6- Before and after lighting the curved fireplace, make sure that there are no flammable or explosive objects around and near the heater.
- 7- For better efficiency, the heating device should be selected according to the space of the room. Therefore, avoid placing high-capacity curved fireplaces in separate small rooms.
- 8- Avoid placing the curved fireplace in the direction of wind and cold air, because it will cause the pilot to turn off.
- 9- Do not put a kettle of water on the curved fireplace.

10- Avoid putting wet shoes or clothes on the curved fireplace and never use the curved fireplace as a drying device.

11- Please do not use the heater when the glass of the curved fireplace is cracked or broken until the glass is replaced.

12- In order to increase the lifespan of the curved fireplace glass, please increase and decrease the flame slowly and gradually.

13- In case of smelling gas, immediately close the main gas valve of the building and open the windows. Avoid turning on the power switch, matches, lighters, and using the phone separately. Cut off the building's electricity from the main meter and contact the relevant authorities immediately.

14- If you are not at home for a long time, be sure to close the main gas valve of the building.

15- If you need to convert city gas to liquefied gas or vice versa, (because changes must be made in the fuel system), please contact the authorized technicians of La Piramide Company only.

16- If you use a liquid gas bottle for curved fireplace fuel, be sure to keep it upright and away from the product. (In addition, the bottle must be equipped with a standardized low pressure regulator.)

17- Every three months, test all connections of the gas flow path in the curved fireplace with soap suds and find leaks.

18 - The technician is allowed to use only the original parts of La Piramide Company as a replacement during periodic and annual inspections.

19- Use a wet cotton cloth to clean the curved fireplace. (Do not use Scotch or abrasive sponge.)

20- Clean the surfaces of the curved fireplace when it is cold.

21- For greater safety, at least once a year, all indoor gas piping systems and gas-burning appliances should be visited and checked by experts and knowledgeable people so that possible defects can be eliminated before an accident occurs.

22- If you see any possible problems in the curved fireplace that cannot be fixed by the technician, immediately contact the customer service department of this company.

Curved fireplace lighting guide

Turning on the pilot burner:

push the knob of the gas control valve inward and turn it from the OFF position to the Pilot and counter-clockwise. Keep it in the same position for 30 seconds, then release the knob of the gas control valve.

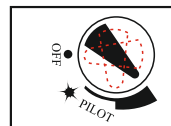
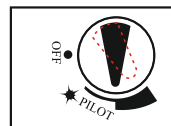
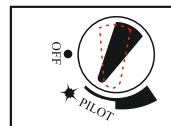
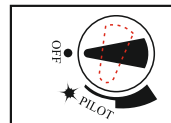
Turning on the main burner:

To turn on the burner, turn the knob of the gas control valve counterclockwise. In this situation, the flame is in the minimum state and if needed, continue in the same direction until the flame reaches the maximum state. This gas control can be adjusted to the desired flame.

Extinguishing the main flame:

Turn the knob of the gas control valve slowly clockwise until it reaches the Pilot point. In this case, the main flame is extinguished.

To turn off the pilot, push the knob control valve inward and return it to the OFF position so that the pilot is also turned off.

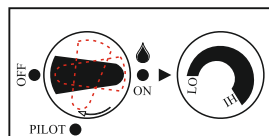
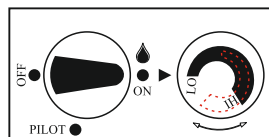
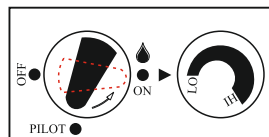
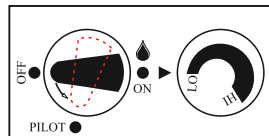


If the gas flow suddenly stops and the curved fireplace is turned off, wait for about 10 minutes and turn on the heater again. If you fail to light the candle with the lighter, you can open the small valve on the heat source and use a match and Light the pilot with a special gas or electric lighter.

How to use a thermostatic control valve

Turn on the pilot burner:

Push the volume of the gas control valve inward and turn it from OFF to Pilot and counter-clockwise. In this mode, the ignitor will work and when the candle ignites, turn the volume of the gas control valve to the same position for 20-30 seconds. Hold the position, then release the volume of the gas control valve



Turning on the main burner:

To turn on the burner, turn the knob of the gas control valve counterclockwise until it is in the ON position.

Adjusting the thermostat of the control valve: Set the desired temperature of the desired space by turning the knob of the thermostat of the control valve from minimum to maximum.

Turn off the main flame:

Turn the gas control valve knob slowly clockwise until it reaches the Pilot point. In this case, the main flame is extinguished.

To turn off the pilot, push the volume control valve inward and return it to the OFF position so that the candle is also turned off.

If the gas flow suddenly stops and the curved fireplace turns off, wait for about 10 minutes and turn the heater on again. If you fail to light the candle with a lighter, you can open the small valve on the heat source and light the pilot using a match or a special gas or electric lighter.

How to place logs in a curved fireplace

The back panel of the fireplace is connected to the main body with a total of 9 screws. First, open the top three screws and the screws on the sides, then pull the back panel down a little to release it, and then pull it towards you and take it out.

The base of the heater tank is attached to the chassis with four screws, please remove them carefully (be very careful after removing, as there is a possibility of the tank slipping).

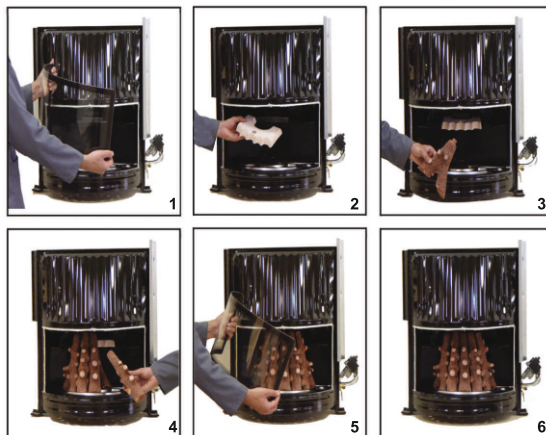
Place your two hands on both sides of the main heater tank and slowly pull the tank toward you (when taking out the heater tank, pay attention to the difference in the surface on the chassis as well as the chassis and the ground).

The glass of the curved fireplace is secured by two upper and lower screws, each of which connects the glass to the tank with three screws. Lift up and take out.

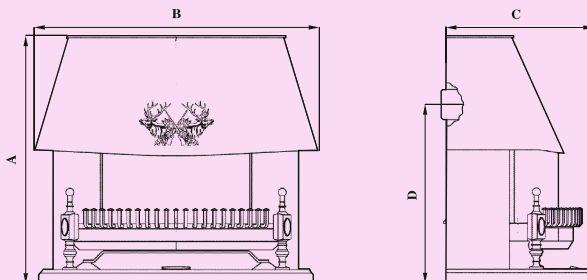
The numbers of logs in the curved fireplace are listed on their backs. First, place the clay claw that is used to hold the logs in its place in the form of a log, then place the log number 6 in the center (first, bend the log a little and insert its head into the hole) Place it inside the holder claw and then place its end in the center of the burner.) Place the rest of the logs according to the number written on the back of the log from left to right so that the ends of the logs are completely in the claw piece and put the base of logs on the appropriate places installed on the burner.

Then place the glass of the fireplace slowly inside the window and tighten the screws of the window and repeat all the above steps in reverse.

**The placement of logs must be done by the authorized technicians of
La Piramide Company.
Otherwise, La Piramide Company will not be responsible for the damage**



Curved Gas fireplace with a normal gas valve



Specifications :

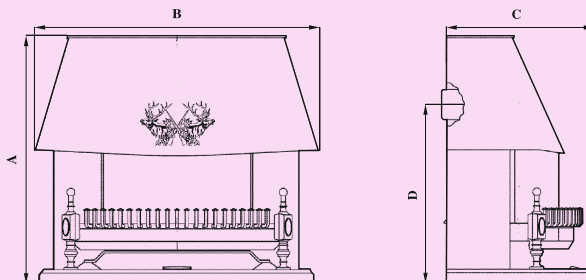
Model	Heat input (kcal/h)		Natural gas		Chimney Diameter mm Ø	Dimensions (mm)				Weight (kg)		Liquid petroleum gas	
	Max	Min	Gas Pressure mm/W.Col	Nozzle Diameter mm Ø		A	B	C	D	Net	Gross	Gas Pressure mm/W.Col	Nozzle Diameter mm Ø
MC110	8500	3800	178	2/5	100	845	960	510	605	42/300	51/300	270	1/5

This gas fireplace is set with city gas, if you decide to use liquid gas (bottles), changes must be made in the fuel system of the gas fireplace (pilot, orifice, etc.).

This must be done by authorized technicians of La Piramide Company.

Note: To clean the hood and body of fireplaces, pour a few drops of sewing machine oil on the cloth and clean the entire surface.

Curved Gas fireplace with a thermostatic gas valve



Specifications :

Model	Heat input (kW/h)	Natural gas		Chimney Diameter mm	Dimensions (mm)				Weight (kg)		Liquid petroleum gas	
	Max	Gas Pressure mm/W.Col	Nozzle Diameter mm		A	B	C	D	Net	Gross	Gas Pressure mm/W.Col	Nozzle Diameter mm
MC110-T	8500	178	2/5	100	845	960	510	605	42/300	51/300	270	1/5

This heater is set with city gas, if you decide to use liquid gas (bottles), changes must be made in the fuel system of the gas fireplace pilot, orifice, etc.).

This must be done by authorized service personnel of La Piramide Company.

Note: To clean the hood and body of fireplaces, pour a few drops of sewing machine oil on the cloth and clean the entire surface.

Safety system of cutting off gas flow during lack of oxygen (oxypilot)

All La Piramide products are equipped with a safety system (oxypilot):

When the amount of oxygen in the environment where the curved fireplace works decreases and reaches a value lower than the required level, OxyPilot completely cuts off the gas flow to prevent danger. In this case, open the window of the room completely for a minute and after the fresh air enters and supplies the necessary oxygen, turn on the fireplace again and think about supplying the required air continuously.

(authorized technicians of La Piramide Company can help you in this regard)

Safety tips related to OxyPilot (ODS):

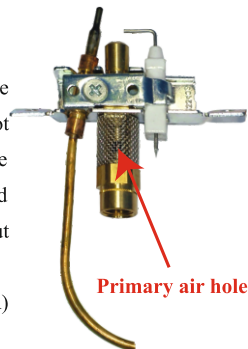
OxyPilot system should not be manipulated and reset by the installer or technicians. By the way, the oxypilot should not go out of orbit.

In case of frequent gas cut-off by OxyPilot safety system, help should be sought from an technician of La Piramide Company.

Considering the sensitivity of the oxypilot system, if any part of it becomes defective, it is recommended to replace the entire oxypilot.

* In case of changing the use of a curved fireplace from city gas to liquid gas or vice versa, it is necessary to install a special oxypilot by the technicians of La Piramide Company.

* Important: the oxypilot primary air intake hole may be blocked by dust and carpet lint, when this hole is closed, please clean the lint or contact an authorized technician of La Piramide Company.



Gas pressure stabilizer (governor):

La Piramide gas products are equipped with a governor, and it is necessary to pay attention to the following points in order to know the performance of this device and its better use:

The governor is a device for adjusting the gas pressure, which keeps the gas output pressure constant within certain limits if there are changes in the input pressure or gas flow rate.

The governor is able to keep the pressure at the standard level when the gas inlet pressure to the heater is higher than the limit (178 mm water column) and prevent the increase in pressure and possible damage caused by the gas burner.

Note:

Do not tamper with the governor and adjust the governor under any circumstances.

The governor has been used for your safety and protection, dear customer. In case of any problems, please contact the nearest technician of La Piramide Company.

Note: Know carbon monoxide (CO) gas

This gas is a very toxic, colorless and odorless that is caused by the improper operation of the heating device (as a result of incomplete fuel, incorrect installation or its incorrect use).

The concentration of carbon monoxide in very low amounts is also dangerous and deadly for humans; Therefore, be extremely careful in installing any heating device and related chimney as well as its correct use.

Factors producing carbon monoxide gas (CO) in a gas fireplace with a chimney:

- 1- Increasing the pressure of the consumed gas causes the production of carbon monoxide gas.
- 2- The lack of annual service of the curved fireplace and the clogging of the burner head holes cause the flames to turn yellow and produce carbon monoxide gas.
- 3- The reduction of oxygen in the air around the curved fireplace due to the lack of proper ventilation in the place where the heating device is installed causes the production of carbon monoxide gas.
- 4- Installing an improper nozzle in the fireplace causes the production of carbon monoxide gas.
- 5- In case of strong wind and storms that cause the chimney of the curved fireplace to cool, the product can produce poisonous carbon monoxide gas.
- 6- Placing any object on the flame (inner cone of the flame) produces poisonous carbon monoxide gas. (like logs falling on the burner, which is accompanied by soot, and the object turns black due to contact with the soot).

Symptoms of the presence of poisonous carbon monoxide gas (CO) in the surroundings of a gas heater with a chimney:

If there is a low concentration of this gas, flu-like symptoms appear in humans, which are accompanied by fatigue, headache, dizziness and nausea. In this case, the heater should be turned off immediately and fresh air should flow in the room, and the nearest authorized technician of the company should be contacted.

The quality of La piramide gas heaters and fireplaces today is not only about their beautiful appearance and industrial design, We have succeeded in reducing their gas consumption by about 20% by improving thermal efficiency, and this is beneficial to the society and you, the dear consumer, in several ways:

- 1- In a short period of time, you will get the entire amount you paid for the purchase of a heater or fireplace by saving gas consumption.
- 2- Your environment stays better and healthier due to less fuel.
- 3- Gas this valuable vital resource is not wasted.

To save gas, please consider the following:

- Choosing the correct model and size of the heater and gas fireplace according to the dimensions of the place to be used.
- Adjusting and moderating the air around the heating device in the temperature range of 20 degrees Celsius.
- Turn off the heater in the rooms that are not used.
- Turn off the heating devices when leaving the house.
- Timely service and adjustment of heaters and gas fireplaces.