



GAS GARDEN FIREPLACE



Installation and operating instructions



ATTENTION

HOT SURFACES CAN CAUSE BURNS.

DO NOT TOUCH THE APPLIANCE BEFORE IT WILL COOL DOWN.

NEVER LEAVE CHILDREN ELDERLY PEOPLE OR OTHER PEOPLE REQUIRING CARE NEAR THE WORKING APPLIANCE.

WARNING!

THE DEVICE IS HOT DURING WORK!

AS A RESULT OF CONTACT WITH HOT APPLIANCE SURFACES, BURNS MAY OCCUR. CHILDREN, ELDERLY PEOPLE (OR OTHER PEOPLE REQUIRING CARE), ANIMALS, CLOTHES, FLAMMABLE FURNITURE, ANY FUEL OR OTHER FLAMMABLE MATERIALS SHOULD BE FAR AWAY FROM THE APPLIANCE.

REMEMBER TO CARE FOR THE MAINTENANCE OF THE MACHINE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THIS MANUAL!

Read all the instructions below and make them available to any possible user of the appliance before anyone will operate it.

Any modifications of the appliance are strictly prohibited. Never attempt to modify the appliance or any part of it. Any changes or modifications result in immediate loss of warranty and the validity of all appliance's certificates.

The appliance must be installed and serviced only by a qualified installer.

Thank you for buying a gas garden fireplace. This appliance has been designed with your safety and comfort in mind. We express confidence that you will be satisfied with your choice due to the commitment we have put in the work on the design and production of this appliance. Please read these instructions carefully before installation and use. If you have any questions or concerns, please contact our technical department. All additional information is available on our website www.theflame.at

The Flame GmbH is a well-known and respected manufacturer of heating devices both on the Polish and European market. Our products are made on the basis of strict standards. Each garden heater manufactured by the company is subjected to factory quality control, where it is goes under very re-strictive safety tests. The use of materials with the highest quality in the production guarantees the end user smooth and reliable operation of the appliance.

This manual contains all the information necessary for the correct connection, operation and maintenance of a gas garden hearth intended for overhead installation in tables and other decorative elements of the garden decor.

A gas garden fireplace powered by gas fuel is an open device, without an exhaust system, designed for heating of exposed and / or a well ventilated surfaces. Very low emission factors guarantee safety even when used on small, ventilated covered surfaces. The heater meets the strict requirements of European directives regarding safety and the environment. The device has been designed and tested in accordance with EN 14543 Specification for dedicated liquefied petroleum gas appliances. Parasol patio heaters. Flueless radiant heaters for outdoor or amply ventilated area use. Read these instructions before installation and use. The information contained in it will allow for trouble-free use of the device. The manual should be kept for the whole lifetime of the device.

The gas garden fireplace has been designed to be powered with propane or propane-butane gas mixture. This appliance is available in several versions depending on the size. Regardless of the version, the gas garden fireplace is equipped with the same completely safe, advanced, manual gas control system with anti-tilt valve.

TECHNICAL SPECIFICATION

Table 1. Technical specification of gas garden fireplaces							
	Unit	Appliance category					
		I _{3B/P(30)}	I _{3B/P(37)}	I _{3B/P(50)}	I _{3P(30)}	I _{3P(37)}	I _{3P(50)}
Reference gas		G20	G30	G30	G31	G31	G31
AQF 01 (395X395)	[Kw(Hs)]	10	11,5	13	9	10	11,5
AQF 02 (395X395)		10	11,5	13	9	10	11,5
AQF 03 (395X395)		10	11,5	13	9	10	11,5
AQF 04 (395X395)		10	11,5	13	9	10	11,5
AQF 05 (395X395)		10	11,5	13	9	10	11,5
AQF 06 (395X395)		10	11,5	13	9	10	11,5
AQF 06 (395X395)		10	11,5	13	9	10	11,5
AQF 06 (395X395)		10	11,5	13	9	10	11,5
Flow	m ³ /h	0.278	0.314	0.360	0.322	0.322	0.407
Usage of gas	g/h	707	799	916	611	667	773
Gas Injector size	[mm]	1.65	1.65	1.65	1.65	1.65	1.65

Version		Category		Pressure / Gas	
AQF 01	<input type="checkbox"/>	I3B/P	<input type="checkbox"/>	30 mbar, G30	<input type="checkbox"/>
AQF 02	<input type="checkbox"/>			37 mbar, G30	<input type="checkbox"/>
AQF 03	<input type="checkbox"/>			37 mbar, G30	<input type="checkbox"/>
AQF 04	<input type="checkbox"/>	I3P	<input type="checkbox"/>	30 mbar, G31	<input type="checkbox"/>
AQF 05	<input type="checkbox"/>			37 mbar, G31	<input type="checkbox"/>
AQF 06	<input type="checkbox"/>			50 mbar, G31	<input type="checkbox"/>
AQF 07	<input type="checkbox"/>	I3+	<input type="checkbox"/>	28-30/37 mbar, G30/G31	<input type="checkbox"/>

DANE Manufacturer details:

Manufacturer:

Contact details:

THE FLAME GMBH

Schalsersstraße 41

A - 6200 Jenbach

tel. +43 5244 62592

fax +43 5244 62592 16

www.the flame.at

EN 14543+A1

European standard

INSTALLATION

GAS GARDEN BURNER MUST BE INSTALLED AND / OR SERVICED BY A QUALIFIED SPECIALIST. DO NOT ATTEMPT TO MODIFY THE CONSTRUCTION OF THE APPLIANCE OR ITS COMPONENTS. ANY MODIFICATION WILL CAUSE IMMEDIATE LOSS OF WARRANTIES AND CERTIFICATES.

PLEASE NOTE: AVOIDING THE RECOMMENDATIONS OF THESE INSTRUCTIONS REGARDING TO INSTALLATION AND OPERATION OR AVOIDING THE RECOMMENDATIONS CONCERNING AUTHORIZED PARTS AND ACCESSORIES FOR THIS APPLIANCE MAY RESULT IN SERIOUS INJURIES OR DAMAGE TO PROPERTY.

THIS APPLIANCE HAS BEEN DESIGNED IN ACCORDANCE WITH RESTRICTION SAFETY STANDARDS AND RECOMMENDED. IT WAS RESEARCHED AND CERTIFIED BY A NOTIFIED UNIT ACCORDING TO EN 14543:2017.

GENERAL INFORMATION

ATTENTION: KEEP THESE INSTRUCTIONS!

It is important to periodically check the proper functioning and integrity of individual components of the gas control system, as well as structural elements for any damage. It is very important that the gas control system remains intact and free from any damage. The appliance can be serviced only by a qualified technician with appropriate qualifications. Failure to comply with these rules may result in serious health damage and even death and property damage.

Installation and usage must be carried out in accordance with national building regulations. Your authorized dealer can help you determine what safety precautions should be taken when installing or using the appliance. In some cases, you may need to obtain permission to install or operate such appliance. Always consult an authorized dealer or building inspector to determine which regulations apply to the usage and / or installation of the appliance in your area. In the absence of provisions governing installation and usage, it is essential to comply with the instructions in the manual and the fire safety code.

Do not switch on the appliance if any of its components has been previously dismantled, damaged or destroyed. Before reuse, the missing or damaged part must be replaced by the original replacement provided by the manufacturer.

If the appliance, especially gas control system components or the burner has been flooded, switch off the device and consult technical department or a qualified serviceman in order to check whether the reuse will require replacement of any of the system components.

SAFETY INFORMATION

The device is for external use only or for use in a well ventilated areas!

A well-ventilated space must have 25% of its surface exposed. This area is determined on the basis of the sum of the wall surfaces of the given usable space.

Due to the possibility of high temperatures of all surfaces of gas garden fireplaces and due to possible exposition to the fire, all flammable materials should be located at a safe distance from the device.

Elderly people, children and other unconscious persons should be informed and warned of the possibility of high temperatures occurring on the appliance during its operation and immediately after it is extinguished, and should avoid contact with the appliance to prevent burns and ignition of clothing.

Children, infants, infirm people and other people who require special attention that can be close the appliance should be subject to special supervision. These persons may be particularly exposed to accidental contact with the appliance. If necessary, use safety barriers to limit access to the appliance.

NEVER obstruct the space or a ventilation holes in a housing where the gas cylinder has been placed.

Do not hit or lean against any part of the appliance.

ATTENTION: No elements in the appliance may be replaced by other parts than those provided by the manufacturer or recommended by the manufacturer.

Use only the gas type and gas cylinder type specified by the manufacturer. In case of strong wind, protect the device against gusts or turn it off.

Under no circumstances any of solid fuels (wood, paper, coal, etc.) shall be used in this appliance.

IT IS STRICTLY PROHIBITED to use any liquid fuels or other flammable materials to light the appliance!

To avoid accidents, it is not recommended to allow the use of the device to persons not familiar with the operation of the device. For safety, always use gloves and goggles for maintenance.

WARNING! Always make sure that the gas supply is cut off before checking, servicing or cleaning the device.

WARNING! Closing the burner with a dedicated lid, available with the device, is strictly prohibited before extinguishing the device and cutting off the gas supply to such device. Closing the lid will not automatically extinguish the device's control burner, which may cause uncontrolled gas leakage and result in explosion, fire or damage to health and property.

SET COMPONENTS - FIRST UNPACKING OF THE PURCHASED HEATER

If any damage or deficiencies are noticed during the consignment inspection, please contact your authorized dealer.

Please make sure that all parts of the set are not damaged during transport. The check should take place in the presence of the courier. The purchased heater should contain a complete gas cylinder connection kit.

- A complete, ready-to-use burner with a full gas control control system armed with a manual controller, 60 cm GOK gas hose and GOK pressure regulator with a pressure set up for a pressure stated on the data label.
- Installation and operating instructions.
- Frame masking the hole after installing the device in the table top or other element of the garden decor.
- The cover that masks the gas fireplace after extinguishing it (never cover the burner during operation!)

The gas garden fireplace has been designed with your comfort in mind. The appliance is equipped with a modern gas control system protecting against uncontrolled gas leakage.)

INSTALLATION - INTRODUCTION

SET COMPONENTS - FIRST UNPACKING OF THE PURCHASED HEATER

Connection of a gas garden fireplace to liquefied gas cylinders, as well as its adjustment and checking the tightness of the installation should be made only by an authorized gas equipment installer or authorized service technician in accordance with applicable regulations, which should be confirmed on the product warranty card. **Lack of such confirmation voids the warranty!**

APPLIANCE INSTALLATION AND STORAGE OF BOTTLES SHOULD BE COMPLIANT WITH APPLICABLE LAW

This appliance has an open combustion chamber without the option of connecting it to a chimney flue. The gas garden fireplace is sold with pre-installed gas control control system, however, before the first use it is recommended to check the tightness of the system due to the possibility of unsealing in transport. All instructions regarding the correct connection of the system, installation in the table, frames etc. can be found below in the further part of the manual.

NOTES ABOUT HANDLING:

This appliance is designed for an easy installation and movement. Before moving it, make sure that all anti-removal components have been uninstalled, the gas supply has been cut off, and the hose is disconnected from the gas garden fireplace valve. Moving the appliance while it is in operation is strictly prohibited. After placing the gas garden fireplace in the desired place, secure it against slipping, falling out or falling over.

INSTALLATION RULES

Installation should be carried out in accordance with the requirements of the law in force in the given country or region. In the absence of such provisions, the rules contained in this manual and the principles of fire safety should be followed.

This appliance has been tested for quality and safety and has been certified by a notified testing laboratory.

WARNING!

The gas garden hearth is adapted to work with a cylinder or a household tank of a propane-butane gas mixture. The flexible connection pipe should be intended for LPG from the cylinder.

The cylinder has to be putted into the specified housing with an easy access to this cylinder after installation.

The device is sold with complete automation and cables connecting the main burner and control with the controller. Do not use replacement system components other than those installed or supplied by the manufacturer.

CHOOSING THE LOCATION OF THE GAS GARDEN FIREPLACE.

The gas garden fireplace is a mobile appliance capable of movement to any place of your choice. However, there are restrictions that must be strictly followed. The appliance, due to the possibility of high temperatures on its external surfaces, should be kept away from flammable materials, and also due to the open combustion chamber without the possibility of connecting to chimney flues, it should be used in open spaces or in well-ventilated rooms. IT IS ABSOLUTELY PROHIBITED to place the appliance in a position other than horizontal.

Tips for proper and safe installation of the appliance:

- Connect the regulator to a cylinder or a household liquid gas installation, so that the valve does not affect the horizontal position of the furnace with its other components. Connecting it in any other way may block the gas supply to the device. To do this, use the appropriate tools. Tightening the regulator by hand is insufficient and may result in gas leakage. Cylinder replacement and / or connection should take place in well ventilated areas.
- Make sure that the rubber gaskets are in place and undamaged before connecting the gear unit. If this is not the case, the device cannot be used until the seal has been replaced.
- Remember that the gas cylinder should always be in an upright position and the hose connecting the cylinder to the burner should be laid in such a way that it does not come into contact with sharp objects or edges, as well as hot elements of the burner.
- Check the correctness and tightness of the installed gas control control system and the entire gas system of the device. To do this, you can use soapy water or a dedicated spray to detect gas leaks. To check for leaks, cover with water and soap or spray any connections (cylinder- regulator, regulator - gas hose, gas hose - controller gas block, gas block - copper wires for the magnetos and main burner, main burner nozzle - copper wire) between the cylinder and the controller and those behind the gas block, and then ignite the device so that the gas also fills the section from the gas block to the burner nozzles. If bubbles appear on the joints, it means that there is a leak in this place.

ATTENTION!

Safe distances from flammable materials that should be kept in accordance with the instructions in this manual have been established on the basis of safety tests. Flammable materials can be called anything that can catch fire, i.e. paper, wood, all kinds of fuels, plastic, clothing, etc. The designated space is not limited by non-flammable materials, but also applies to flammable materials directly behind non-flammable objects exposed to contact with device.

If you are unsure of the flammability of any material within the device, consult your fire brigade.

Remember that fireproof materials are considered flammable despite their fire resistance. They can be difficult to set on fire, but they also burn.

REQUIREMENTS FOR GAS GARDEN FIREPLACE FOR FREE SPACE OF FLAMMABLE MATERIALS AROUND THE APPLIANCE AND MINIMUM SAFETY DISTANCES OF THE FIREPLACE FROM THE COUNTER EDGE LINE IN WHICH IT IS INSTALLED.

The gas garden fireplace has been tested and approved for heating open or well ventilated spaces, subject to safe distances from flammable materials, as shown in the diagrams below.

REQUIREMENTS FOR TABLE/HOUSING DESIGNED FOR THE AQF OUTDOOR GAS BURNERS SERIES.

The instructions for safe appliance installation included in this manual must be strictly observed. It is the user's responsibility to make sure that the user or any other person designated by user, such as installer / fitter will install the appliance at a distance from flammable materials and in the well- insulated / table / worktop material that is made of non-combustible materials as per the diagram below. (Fig.2)

DEFINITIONS:

TABLE / COUNTERTOP - A form of furniture or décor of terrace / garden, made with a hole in the worktop in which table burner is installed, with an open space under the worktop, without any walls above the burner level.

HOUSING - A form of the housing with a hole in a worktop of its housing, in which table burner is installed with an open or well ventilated spaced under the worktop (see the minimum ventilation cuttings stated on page 15 of this manual) and with at least one wall above the burner level.

ATTENTION!

Each bodywork should provide the user with easy access to the control valve knob!

In all constructions, which have any of the walls led above the burner level, each surface located at the level of the burner and above this burner should be treated as working surfaces whose touching is dangerous and during the operation of the device and after extinguishing it until it cools down can be hot and therefore it should not be touched!

The time it takes to cool down the device is approximately 15 minutes.

The AQF outdoor gas burner must be installed in a table, countertop or housing capable of meeting the specific safety requirements that are described below or in the housing that can be bought from manufacturer.

1. Table, countertop or housing must be able to bear the weight of the burners as follows:

- AQF 01 - 7,0 kg
- AQF 02 - 8,5 kg
- AQF 03 - 10,5 kg
- AQF 04 - 10,5 kg
- AQF 05 - 13,0 kg
- AQF 06 - 12,5 kg
- AQF 07 - 16,0 kg

2. Table, countertop or housing must be made of a noncombustible materials only or must have a non-combustible pocket cut or made to size as per drawings on pages 5-8 ensuring minimum of 100 mm of noncombustible insulation from the outer edge of the gas burner frame edges, and minimum distances from a combustible materials as per the figures 2 and 3.

3. Table, countertop or housing must guarantee safety against overturning/tilting during installation on a surface with a slope of up to 10 degrees. To prevent such situation the housing/table/countertop should have a flat base in size of minimum width and depth and height not higher than stated in the table below. If this condition cannot be guaranteed, the table, countertop or housing should be bolted to the ground or other structural element, ensuring that all other conditions of safe installation are met, including a minimum space free of combustible materials

Table 2. Minimum distances to combustible materials – requirements for installation

	Depth (under the bottom of appliance)	Width up to height of the appliance installation	Width above the appliance	Height
AQF 01	700 mm	150 mm	400 mm	1500 mm
AQF 02	700 mm	100 mm	400 mm	1500 mm
AQF 03	700 mm	100 mm	400 mm	1500 mm
AQF 04	700 mm	100 mm	400 mm	1500 mm
AQF 05	700 mm	100 mm	400 mm	1500 mm
AQF 06	700 mm	100 mm	400 mm	1500 mm
AQF 07	700 mm	100 mm	400 mm	1500 mm

MAX HEIGHT:

Burner cannot be placed higher than 1000 mm above the ground. Minimum depth and width and maximum height of the appliance must be preserved. Failure to meet the above conditions will result in the loss of warranty and may lead to dangerous situations such as tipping over the device, fire or loss of health.

PLEASE NOTE:

If all of these conditions cannot be met, the installation of the device is prohibited.

In such situation, contact the manufacturer to select a dedicated body for the purchased appliance, which has been tested for safety by the manufacturer.

Table 3. Minimum distances to noncombustible wall of the housing. Installation requirements

	Depth (under the bottom of appliance)	Width up to height of the appliance installation	Width above the appliance	Height
AQF 01	700 mm	100 mm	150 mm	700 mm
AQF 02	700 mm	100 mm	150 mm	600 mm
AQF 03	700 mm	100 mm	150 mm	600 mm
AQF 04	700 mm	100 mm	150 mm	600 mm
AQF 05	700 mm	100 mm	150 mm	600 mm
AQF 06	700 mm	100 mm	150 mm	600 mm
AQF 07	700 mm	100 mm	150 mm	600 mm

The housing made of noncombustible materials must still have at least one of the side walls above the appliance open. Noncombustible housing does not exempt the customer to keep the minimum distances to combustible materials behind the non-combustible walls as per the tables above! Non-combustible housing cannot be bolted to the combustible wall directly if the minimum required distances to the combustible materials would not be matched.

Each gas garden fireplace, regardless of the version that was finally selected, must be installed in a bore made to size as shown in the table below. The minimum dimension of the insulation / table top made of non-combustible materials according to the diagram above is 150 mm from the outer edge of the fireplace frame.

Table 4. Minimum dimensions for table burners in a table, countertop or housing.

	Min. depth	Min. width	Min. height of the table, tabletop or building with or without cylinder space.	Max. installation height	Height at which the fireplace can be placed
AQF 01	545 mm	545 mm	850 mm	1500 mm	1000 mm
AQF 02	545 mm	621 mm	850 mm	1500 mm	1000 mm
AQF 03	637 mm	637 mm	850 mm	1500 mm	1000 mm
AQF 04	545 mm	751 mm	850 mm	1500 mm	1000 mm
AQF 05	637 mm	751 mm	850 mm	1500 mm	1000 mm
AQF 06	545 mm	881 mm	850 mm	1500 mm	1000 mm
AQF 07	637 mm	881 mm	850 mm	1500 mm	1000 mm

PLEASE NOTE:

When the appliance is installed it has to be insulated up to minimum 100 mm on each side even if it is non-combustible table / countertop just to prevent the heat transfer into the table / countertop.

The minimum recommended safety distance is 200 mm from the edge of the outer insulation made for the burner. It is a distance that should be kept so that the possibility of contact with fire by persons requiring care is hindered. It should also be remembered that this dimension does not guarantee the safety of avoiding burns of nearby people if they do not comply with the instructions. It is the user's responsibility to secure the place where the gas garden fireplace will be installed against unauthorized contact with the fire / appliance of children, the elderly, inform and all other persons requiring special care.

The minimum safety distance above the gas table burner is 1500 mm. It means that installation of the appliance at a distance shorter than mentioned to combustible materials is forbidden. This can be installed in the non-combustible housing only even if the distance will be shorter but still, it has to match this requirement when applies to the combustible materials behind the non-combustible housing.

Even when the housing distances to combustible materials are in line with above requirements, this is still forbidden to install the housing with the appliance in the area that will not comply with the amply ventilated area requirements.

Please note that noncombustible housing still must have at least one side wall open above the burner pit. Every housing for appliance and its gas cylinder must have an easy access door for a gas cylinder and ventilation holes at minimum of 0,1 m².

The space indicated above is the minimum free space from flammable materials, unless this is removed by another entry. Failure to observe the above clearances (free space) may result in a fire or damage to health and property.

PLEASE NOTE: The device has been designed for installation in a special housing or tables provided by the manufacturer or in accordance with the safety requirements presented in this section of the manual. The entire housing / table must meet the requirements of safety standards, including slip tests. If the device is installed on a table or cabinet that does not meet the specified requirements, the manufacturer is not responsible for any accidents or damages that may occur to the customer, user or property.

UWAGA!!!

It is absolutely forbidden to use the gas garden fireplace in an open space during ATMOSPHERIC precipitation.

STORING THE GAS GARDEN FIREPLACE OUTSIDE OF THE BUILDING IS ONLY PERMITTED WHEN IT IS COVERED WITH THE RAIN COVER.

PLEASE NOTE THAT WHEN THE APPLIANCE IS INSTALLED, THE INSTALLATION MUST ENSURE THE SUPPLY OF FRESH AIR UNDER THE FIREPLACE.

THE CYLINDER HAS TO BE PUTTED INTO THE SPECIFIED HOUSING WITH AN EASY ACCESS TO THIS CYLINDER AFTER INSTALLATION AND A FRESH AIR SUPPLY.

IN ANY OTHER ACCIDENT, THE FIREPLACE SHOULD BE LOCATED IN A PLACE THAT IS PROTECTED AGAINST FLOODING AND EFFECTS OF LOW TEMPERATURES.

THE APPLIANCE THAT IS NOT OPERATED SHOULD BE UNDERCURRENTLY CUT OFF THE GAS SUPPLY. (GAS VALVE IN THE CLOSED POSITION), ALL SAFETY HANDLES SHOULD BE LOCKED, AND THE DEVICE PROTECTED AGAINST FALLING. IF IT IS NOT POSSIBLE TO PROTECT THE APPLIANCE AGAINST TIPPING OR FALLING OUT AT THE TIME OF LEAVING IT WITHOUT ATTENTION, THE GAS BOTTLE SHOULD DISCONNECT AND LEAVE IT IN A SAFE PLACE.

IN CASE OF VIOLENT WIND PRECAUTIONS MUST BE TAKEN AGAINST TILTING OF THE APPLIANCE.

FIRST START

Before first use, make sure that all connections of individual system components have been made in accordance with the instructions contained in the manual. Incorrect connection of the gas control system may result in its damage.

During the first few ignitions a specific smell may be perceptible, persisting even for several hours after using the device. This phenomenon is associated with the burning of paint. Animals may be particularly sensitive to smells caused by burning off paint. To speed up the process, it is recommended to heat the device to maximum flame for several hours.

INSTALLATION OF GAS CONTROL SYSTEM

ATTENTION!!! This appliance together with the gas control system can only be installed at the factory settings.

ATTENTION!!!

Individual elements of the gas control system should be installed in accordance with the instructions in this manual.

Never connect the appliance directly to the gas cylinder, without the gas pressure regulator!

The standard gas control system includes a manual control valve. Elements of the system should be installed in places designated for this. Moving them may expose the device to damage due to harmful temperatures or flooding.

The appliance can only work with the gas control valve supplied with the appliance. Connections of individual system components have been made in such a way as to prevent their improper connection. (Fig. 3.)

WARNING! The appliance is equipped with a very sensitive anti-tilt valve. Shaking of the table as a result of impact or other forces in which the device will be installed may cause cutting off the gas supply to the device, and thus shutting it down. If you report that the device does not burn, immediately turn the knob to the shut-off position clockwise and according to the instructions in the section „lighting the appliance“.

CONNECTION TO THE GAS SOURCE (GAS BOTTLES/CYLINDERS)

Connect the regulator to the cylinder making sure that the seals are in place (See diagram above), if the seals are old or damaged or if one of them is missing, the device cannot be used until the seals are replaced. The valve must remain in the position it is installed at the factory. Changing the angle of the valve with anti-tilt valve results in closing the gas supply to the device and thus switching it off.

ATTENTION!!! The anti-tilt valve is a protection against overturning of the appliance, thanks to which in the event of the appliance overturning, the valve automatically cuts off the gas supply to the controller, which extinguishes the flame.

ATTENTION!!! The appliance should be connected to the gas source only when the heater is turned off and the cylinder valve is turned off.

ATTENTION!!!

It is forbidden to use open fire during the installation process or connecting the cylinder. Failure to comply with this prohibition may result in fire, explosion, property damage, personal injury, and even loss of life.

ATTENTION !!! Gas garden fireplaces are designed to work with a propane and propane-butane cylinder in size of 5 and 11 kgs (the sizes may vary depending to the country you are buying them in).

The device is sold with complete automation, tilting valve, reducer and connecting cables. Do not use a hose other than that installed or indicated by the manufacturer, or any other system components.

Before replacing the cylinder, make sure that the device is not near to any sources of fire or other sources that could ignite.

It is essential to close the gas supply valve on the cylinder or regulator after each use.

If you smell any gas leakage, you must stop using of the device if it is running or if it is turned off, do not start it, switch of the main gas valve on the gas cylinder and if still smell the gas, call gas service and/or fire brigade. If you do not smell gas, investigate the appliance for any leakages and rectify it before operation. If necessary contact the service center as well.

ATTENTION!!! It is recommended to periodically check the quality of connections for all gas hoses including the rubber flexible hose (at least once a month or whenever the cylinder is replaced). If there are visible cracks, damage or other signs of damage, the elements should be replaced with new ones of the same length and equivalent quality.

OPERATION

The user choosing the gas garden fireplace receives a device equipped with a manual controller. Before operating the control module, read this manual. Proceedings contrary to the instructions may result in damage to the gas control system components or the device itself, as well as to fire, property damage or loss of health.

INSTRUCTIONS FOR MANUAL CONTROL MODULE

Firing up the appliance should follow the instructions below. The manual control system has been designed to completely eliminate the need for its maintenance and any adjustment. Never attempt to open or damage the valve or any of its other components in any way.

Firing up the appliance:

1. If you have just connected a gas cylinder to your device, bleed the control lines. Pressing the knob, turn them counterclockwise until it stops and hold them for a maximum of 5 seconds (the gas will flow to the control burner, but also to the main burner).
2. Continue pressing the knob and turn it back to the starting position and counterclockwise again until it locks (this activates the pilot burner piezo igniter). Repeat as long as the control burner lights up. (If this operation lasts longer than 30 seconds, wait 5 minutes and try again. If re-lighting does not cause the control burner to fire, contact the service).
3. After the control burner has ignited, keep the knob pressed in this position for another 10 seconds until the control burner has ignited
4. After ignition of the control burner, hold the knob in this position for 5 seconds until the thermocouple warms up, then release the knob counterclockwise further to the final position - nominal furnace power (this will also start gas flow to the main burner) .
5. The adjustment is done by turning the knob from the final position (maximum power) to the firing up position of the control burner (minimum power).

Turning off the appliance:

1. Turn the knob to the control torch firing position clockwise.
2. Press the knob lightly and continue turning it clockwise from the end position completely closing the valve.

The next procedure of firing up the control burner may be repeated when the thermocouple of the control burner has sufficiently cooled (the period until it cools down may vary depending on the type of thermocouple used). After the device is completely turned off, re-lighting is possible after about 1 minute (time needed for the thermocouple to cool down).

The knob is in the closed position. They must be pressed in and turned counterclockwise. The thermo-electric valve after pressing the knob is open (pos. 1), gas is supplied to the control burner. (pos. 2.). The procedure should be repeated until the control burner lights up. (Fig. 4.)

WARNING! When firing the device, gas also flows to the main burner. Be absolutely careful of everything in the vicinity of the burner, taking into account the risk of gas accumulation due to repeated firing attempts, which may result in violent ignition. It is strictly forbidden to place any objects or to look at the burner up close when trying to fire the device.

Low flame

The knob is in the firing position of the control burner (pos. 2). Gas flows to the main burner at minimum power settings.

High flame

The knob is in the firing position of the control burner (pos. 2). To increase the power to the maximum power level, and thus also the flame height, or to any intermediate power between the minimum and maximum power, turn the knob counterclockwise until it locks. The knob is in the maximum power position. (pos. 3.). (Fig. 4.)

MAINTANCE

ATTENTION!!!

All maintenance work should be carried out on the refrigerated appliance with the gas supply cut off and the power supply disconnected.

ATTENTION!!!

Gas garden fireplace maintenance may only be performed by a qualified technician.

- The appliance should be periodically inspected at least once a month or whenever the cylinder is changed.
- Cleaning should take place regularly or as dust or dirt appears on the appliance.
- It is forbidden to make any changes to the device's design.
- The gas garden fireplace should not be cleaned with caustic agents.
- When replacing individual parts, use only original parts available from the manufacturer.

Checklist:

L.p.	Scope	Actions
1	General control	<p>Perform firing up procedure of your gas garden fireplace. Check the operation of all security systems.</p> <p>Check if the main burner flame burns steadily.</p> <p>Check that the main burner burns evenly.</p>
2	Control of gas control system	<p>Check the gas connections for leaks.</p> <p>Check that the cylinder chamber ventilation is not blocked</p> <p>Check that the gas control system components are not exposed to high temperatures.</p> <p>Check that the inner chamber and the elements installed in it are not exposed to moisture. Check that the connecting cables show no signs of corrosion.</p>
3	Combustion chamber control	<p>Check that the control burner is not obstructed by decorative elements.</p> <p>Check if the thermocouple is within the control flame. Check whether the combustion chamber requires cleaning.</p> <p>Check that all air inlets to the combustion chamber are clear. If necessary, clear the holes.</p> <p>Check the combustion chamber for signs of corrosion. If necessary, remove corrosion and cover the defects with a new layer of fireplace paint.</p> <p>Check if the main burner ignites smoothly.</p>
4	Control device control	<p>Check for a puncture in the circuits</p> <p>Check that the components of the control system are not exposed to overheating.</p>
5	Decorative elements	<p>Check if the decorative elements require cleaning.</p> <p>Check that the decorative elements are not in contact with the glass.</p> <p>Check if the decorative elements cover the openings venting the hearth.</p> <p>Check that the decorative elements have not been damaged.</p>

ENVIRONMENTAL PROTECTION

All packaging elements in which the gas insert was delivered should be disposed of in an appropriate manner. Due to the content of heavy metals, batteries are classified as hazardous chemical waste, so after using them, they should be thrown into special containers for hazardous waste. If the device has been used up, it must be disposed of. The user is obliged to pass the fireplace to the appropriate institution dealing in the recycling of this type of equipment.

WARRANTY

If the complaint is considered unfounded and does not result from a defect in the device, the Guarantor has the right to charge the Customer with the costs associated with the complaint. The use of gas burner, installation and operating conditions must comply with these operating instructions. It is forbidden to modify or make any changes to the burner design. The manufacturer provides a 2-year warranty from the moment of purchasing the gas burner for its burner assembly and a 1-year warranty for the gas control system fitted with the burner. The burner's buyer is obliged to read the fireplace insert operating instructions and these warranty conditions, which should be confirmed by an entry in the warranty card at the time of purchase. In the event of a complaint, the burner user is required to submit a complaint report, a completed warranty card and proof of purchase.

Complaints can be submitted via the form on the website in the „knowledge and help“ tab or by e-mail to the address info@theflame.at. Submission of the aforementioned documentation is necessary to consider all claims. The complaint will be considered within 14 days from the date of its submission. Any alterations, modifications and structural changes to the burner will result in immediate loss of the manufacturer's warranty. Submission of the aforementioned documentation is necessary to consider all claims. The complaint will be considered within 14 days from the date of its submission. All modifications, modifications and structural changes of the insert cause immediate loss of the manufacturer's warranty.

Attention

Installation and service of the device may only be carried out by a qualified technician with the necessary legal permissions. The complaint will be considered only if the customer presents a report on the installation of the device and a card with records of mandatory inspections. All of the above documents should be signed by a person performing service activities.

The warranty covers:

- efficient functioning of the burner,
- automatic gas control system
- complaints reported for fractures within 6 months of installing the burner (documented by an entry in the warranty card)

The warranty does not cover:

- decorative elements for lining the burner
- all defects resulting from non-compliance with the provisions of the operating instructions, in particular those related to connecting the wrong type of gas to the device;
- any defects arising during transport from the distributor to the Buyer;
- any defects arising during the installation or housing of the burner
- complaints related to an incorrectly selected product (installation of a device with too low or high power in relation to the demand, supplying the device with the wrong gas);
- damages resulting from thermal overloads of the chimney liner (related to the use of the liner not in accordance with the operating instructions).
- damage resulting from incorrect arrangement of decorative elements on the burner.

The warranty is extended for the period from the date of submission of the complaint to the day of notifying the buyer about the repair. This time will be confirmed in the warranty card. The device may only be repaired by a person with appropriate qualifications.

Any damage resulting from improper operation, storage, unskilful maintenance, incompatible with the conditions set out in the operating and operating instructions and due to other reasons not attributable to the manufacturer, will void the warranty if these damages contributed to the quality of the furnace. During warming up and cooling down, expansion occurs and the hearth may make a cracking sound - this is a natural phenomenon and does not constitute grounds for making a complaint.

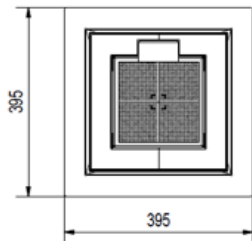
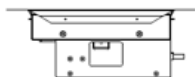
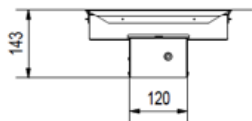
Attention

This warranty card is the basis for the buyer to make free warranty repairs. The warranty card without date, seals, signatures, as well as with corrections made by unauthorized persons expires. Warranty duplicates are not issued !!!

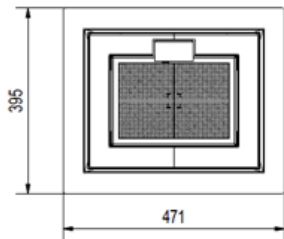
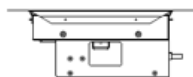
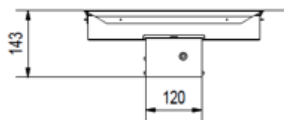
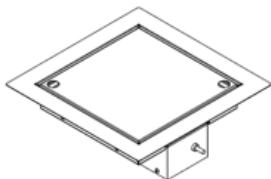
In order to continually improve the quality of its products, The Flame GmbH reserves the right to modify devices without prior notice.

The above provisions regarding the guarantee do not in any way suspend, limit or exclude the consumer's rights for non-compliance of the goods with the contract resulting from the provisions of the Act of 27 July 2002 on special conditions of consumer sales.

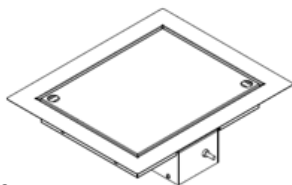
WYMIARY URZĄDZENIA / APPLIANCES DIMENSIONS / ABMESSUNGEN DES GERÄTS

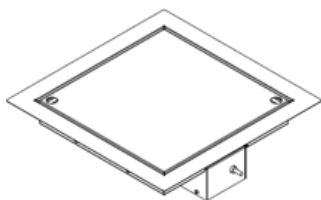
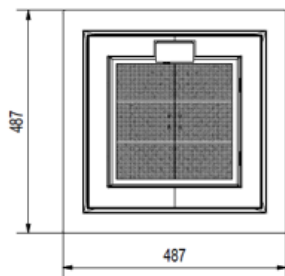
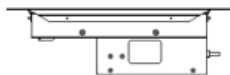
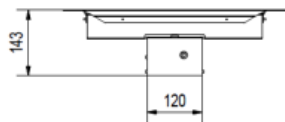


AQF 01

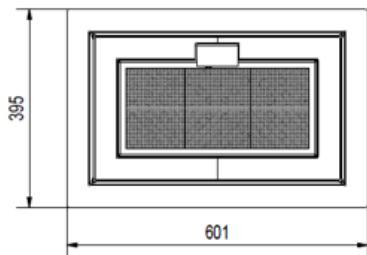
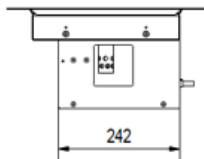
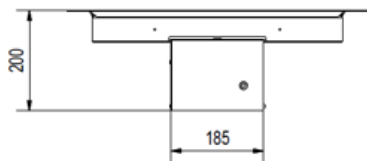


AQF 02

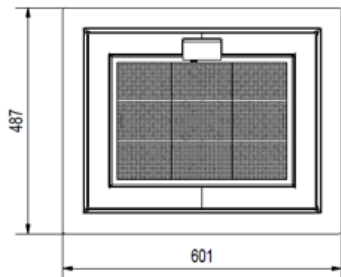
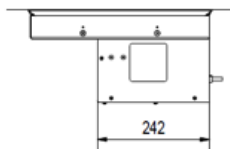
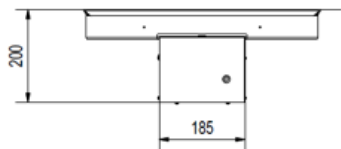




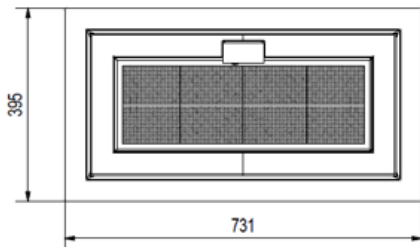
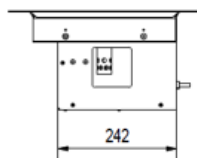
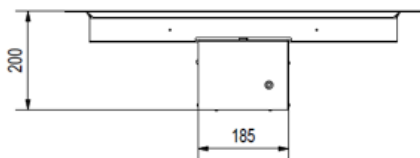
AQF 03



AQF 04



AQF 05



AQF 06

Rys. 1. Zwymiarowane rysunki wszystkich wariantów ogrodowego paleniska gazowego

Fig. 1. Dimensional drawings of all variants of the gas garden fireplace
Abbildung 1: Maßzeichnungen aller Varianten eines Gartengasofens

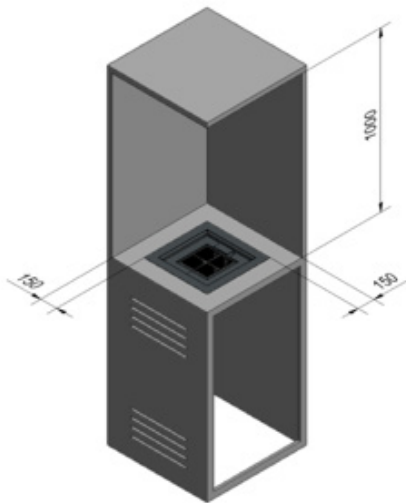
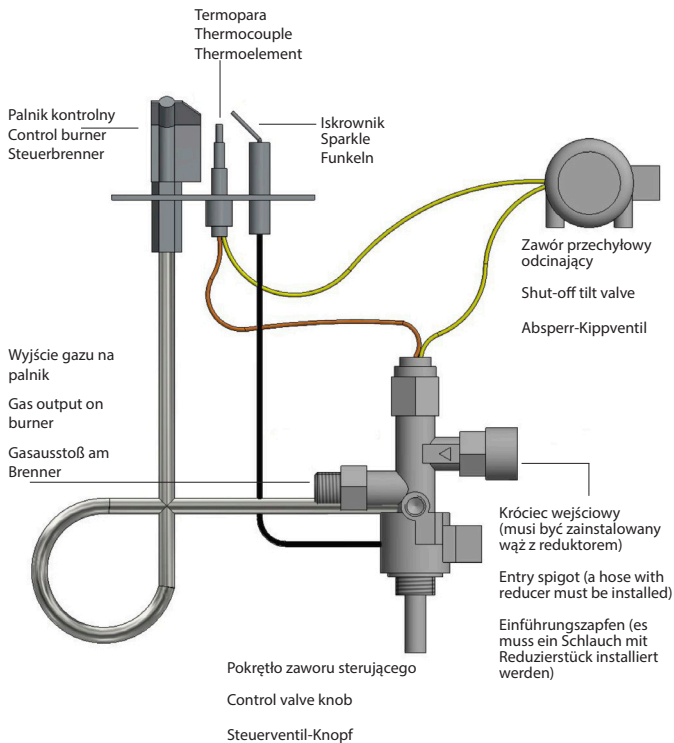


Fig. 2. Schemat minimalnych, bezpiecznych odległości dla materiałów niepalnych, które muszą być zastosowane do instalacji gazowego ogrzewacza ogrodowego.

Fig. 2. Diagram of minimum safety distances of non-combustible materials to be used for installation of gas garden fireplace.

Abb. 2. Diagramm der Mindestsicherheitsabstände für nicht brennbare Materialien, die für die Gasinstallation des Gartenheizgerätes verwendet werden müssen.

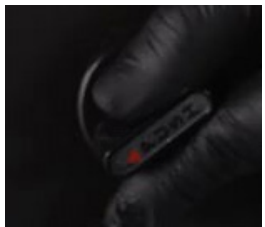


Rys. 3. Schemat podłączenia systemu ręcznego sterowania gazem
Fig. 3. Connection diagram of manual gas control system
Abb. 3: Anschlusschema der manuellen Gasregelanlage

Poz. 1.



Poz. 2.



Rys. 4. Schemat poglądowy uruchamiania urządzenia i regulacji płomienia.

Fig. 4. illustrative diagram of device start-up and flame adjustment.

Abb. 4. illustratives Diagramm des Geräteanlaufs und der Flammeneinstellung.