



INSTRUCTIONS FOR INSTALLATION AND OPERATION OF ENERGY FIREPLACE

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THERMIKI TSALIKIS, based in the industrial area of Oreokastro, has been specializing for 40 years in the production of high-quality and long-lasting fireplaces and heaters. The management and technical staff, with continuous development and adoption of new technologies, realize a vision: manufacturing products of unsurpassed aesthetics and durability, able to satisfy every modern requirement for heating.

Quality guarantee:

The selection of excellent materials, detailed control at all stages of production and strict adherence to specifications ensure the impeccable quality of THERMIKI TSALIKIS products.

In addition, continuous modernization, the adoption of innovative technologies, impeccable service and excellent organization, combined with experienced staff and modern equipment. As a result, THERMIKI TSALIKIS fireplaces and heaters are distinguished for their ergonomics, flawless operation, durability, safety and simplicity of use having established THERMIKI TSALIKIS as one of the most reliable companies in Greece.

Standards Compliance:

THERMIKI TSALIKIS strictly adheres to the strict safety and health requirements of Regulation (EU) No. 305/2011, as well as the EN 13329:2001/A2:2004 standards, while all products bear the CE marking, ensuring their compliance with the applicable specifications.

By choosing THERMIKI TSALIKIS, you invest in reliability and incomparable heating quality.

Symbol explanation



The warnings in the text are marked with a warning triangle

Warnings point out the seriousness of the danger that arises if the instructions mentioned in this manual are not followed in order to avoid material damage and/or personal injury.

2. Safety instructions

These installation and operating instructions are intended for users and qualified technical personnel. We recommend that users and installers carefully read all instructions in this manual. The installation work and the first ignition of the energy fireplace must be carried out exclusively by a qualified technician.

Danger :



Ignoring the safety instructions may cause serious injuries – even death as well as material damage and destruction to the environment. Read the safety instructions and follow them.

- Carefully read the present installation and operating instructions for the energy fireplaces.
- Keep these instructions for future reference.

General safety instructions

- Pay special attention and use the appropriate means to safely transport the energy fireplace to the installation site.
- The various parts of the device are extremely hot during its operation, as well as for some time after its operation, and therefore the necessary precautions must be taken.
- Keep children away when the energy fireplace is in operation and if they are in the operating area of the appliance, ensure that they remain at a safe distance, supervising them at all times.

- This appliance can be used by children aged 10 years and over and by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, ONLY under supervision and having been instructed on how to use the appliance in a safe manner and understanding the potential risks when using it.
- This device is intended for indoor heating. Any use beyond that purpose is prohibited.
- Do not place objects that are not heat resistant near the device.
- Do not place flammable or explosive materials near or inside the device. In the event that you want to work with flammable materials in the area where the device operates, switch it off and wait for it to cool down before performing these tasks.
- Do not attempt to modify the device or its parts in any way.
- Use only original spare parts from the manufacturer in any repair case. The manufacturer is not responsible for any damage caused by parts not approved by him.

3. Product description

The energy fireplace can be air-heated or hydraulic and utilizes three basic methods for heat emission:

1. Radiation:

Radiant heat is released directly from the hot surfaces of the device, instantly warming the surrounding space, offering a feeling of warmth at close range.

2. Convection:

The air is heated as it passes through the combustion chamber and is transported to the space through ducts, contributing to its uniform heating.

3. Heat exchange

The heat produced during the combustion process is transferred directly to the central heating system (radiator) by heating water in a heat exchanger.

Purpose of use:

The device is intended exclusively for heating indoor spaces (except bedrooms) that meet the construction specifications of the building and in accordance with the relevant regulations.

Important notes:

- The correct installation and use of the energy fireplace is essential for efficient heating and safety.
- Always consult the manufacturer's user manual and instructions. - If in doubt about the use of the device, contact a qualified technician.

5. Installation instructions

The device is delivered ready to install, no assembly required. Regulatory Compliance:

The facility must strictly comply with all applicable regulations in your area, including National and European standards.

Caution :



The chimney of the fireplace should not be connected to chimneys of other heating appliances or other systems ducts (ventilation, boiler exhaust, etc.).

Warning :



The installation of the device should be carried out by an authorized and specialized technician.

Warning :



**Risk of fire due to installation on an unsuitable floor!
Place the device on a flat floor, stable, non-flammable and resistant to high temperatures and with the ability to bear the weight of the device.**

If the floor is non-flammable, place the device on a stable, durable base made of non-flammable material (e.g. ceramic or steel), with dimensions such that it protrudes around the device by at least 30 cm and at least 50 cm from the front part where the combustion chamber door is located.

Safety distances

Flammable materials and objects should be at a distance of at least 50 cm around the perimeter and 80 cm from the front of the device

Warning :



Risk of fire due to flammable objects inside the limits of safe distances! Do not place flammable objects and materials at a distance less than that which is defined as a safety distance.

Chimney:

Choosing the right chimney is vital for the smooth operation of your energy fireplace. The main factors affecting the efficiency (attraction) of the chimney are:

1. Dimensioning:

The diameter and height of the chimney play an important role in its draft, i.e. its ability to remove flue gases. The building regulations set specific requirements for the dimensioning of the chimney, taking into account the power of the hearth and the height of the building. Consult the manufacturer to calculate the appropriate diameter and height for your stove.

2. Insulation:

Proper chimney insulation helps prevent heat loss and condensation. Choose high-quality and durable insulation materials suitable for use in chimneys, or a system of insulated stainless pipes.

3. Construction and materials:

The chimney must be made of durable and non-combustible materials, such as stainless steel or firebricks. The fire resistance index of the chimney should not be less than two hours for maximum safety. Proper support of the chimney along its entire length is essential.

Chimney connection:

Each energy fireplace should ideally have its own independent chimney for optimal operation. The connection of multiple stoves to the same chimney duct system is only permitted with the use of mechanical flue gas extraction means. In any case, the connection of fireplaces to the same chimney must be done in accordance with the manufacturer's specifications and the applicable legal provisions.

The construction of the chimney must be such as to ensure:

- The smooth extraction of exhaust gases in normal operating conditions.
- The tightness of the walls, so that gases do not escape into the interior.
- The resistance to the thermal and mechanical loads it receives.
- The resistance to conditions created by possible ignition of deposits inside the chimneys.
- Their resistance to corrosion that can be caused by combustion products.
- The thermal insulation, so that the external surface temperature is below 50°C at the base of the chimney, regardless of whether it is accessible or not.
- The internal walls of the chimney must be smooth without cracks and corrosion.

Ideally, as much of the chimney as possible should be placed inside the building, for maximum thermal insulation and to avoid heat loss. The exit of the chimney must be at the highest point of the building. It is recommended to avoid bends in the course of the chimney, for a smooth flow of exhaust gases, while the connection of the horizontal to the vertical part should be made with an angle of at least 100 degrees.

The circular or rectangular cross-section is the most suitable for the chimney and must be kept constant throughout the length of the chimney. Arbitrarily changing the cross-section is prohibited for any reason. In rectangular cross-sections, the aspect ratio must not exceed 1/1.5 while the cross-section calculation is based on the ELOT 447 standard. The chimney must extend at least 1 m from the exit point, 0.70 m from the edges building within a radius of 3 m and at a distance of at least 1.50 m from flammable materials. An opening must be provided at the base of the chimney for its cleaning, which closes hermetically. The minimum chimney draft must be 12 Pa or 0.12 mbar

IN CASE OF FIRE IN THE CHIMNEY

1. Close all air vents to reduce oxygen supply and limit fire spread.
2. Call the fire service on 199. Do not attempt to put out the fire yourself if you are not trained and equipped.
3. Clean the access routes to the cleaning openings.
4. Move all flammable objects away, such as furniture, curtains and anything else that can fuel the fire.
5. Do not use the fireplace until it has been checked, while the cause of the fire must be investigated and the necessary measures taken to avoid future problems.

As preventive measures, use only suitable and dry fuels for your fireplace, regularly check the chimney for damage, take care to clean it of deposits and do not leave flammable objects at distances smaller than those considered as safety distances.

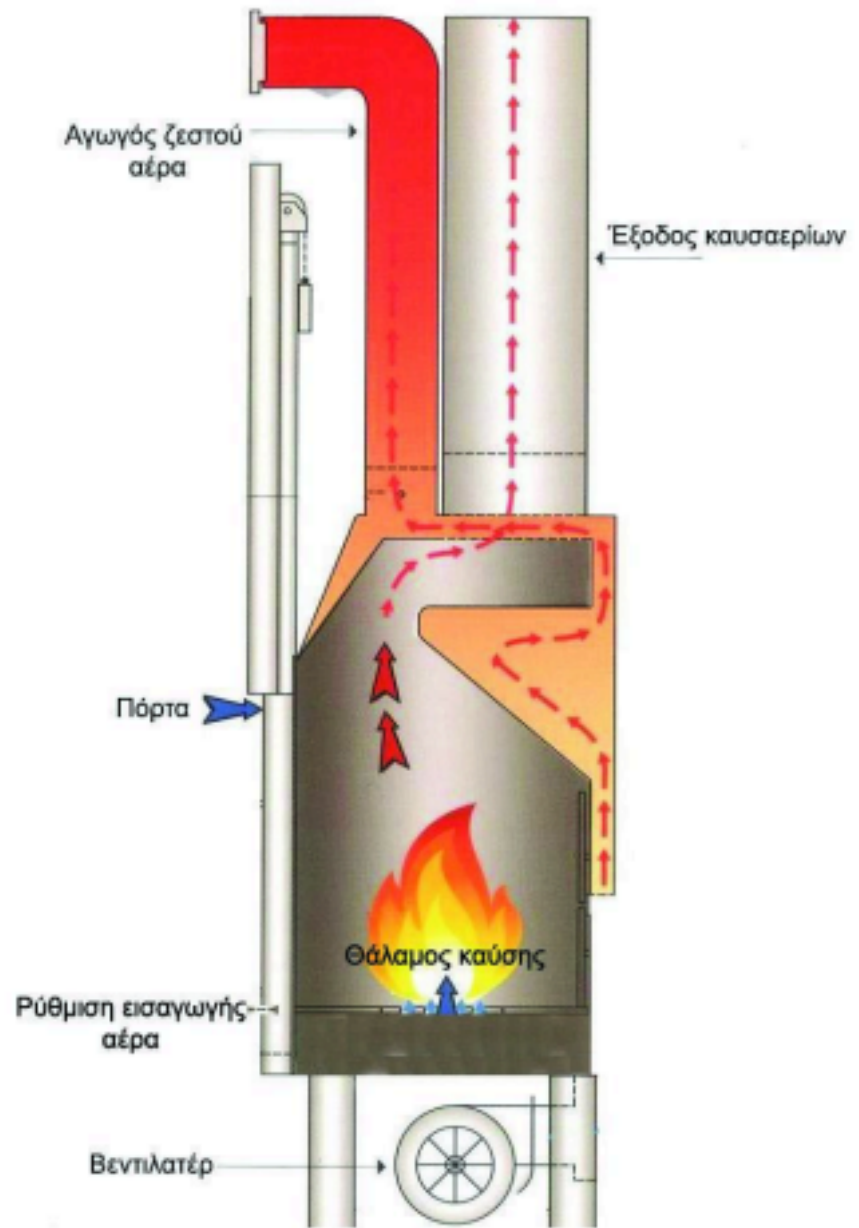
Warning :



Don't throw water on the fire!! Throwing water does not extinguish a chimney fire and can cause cracks in the chimney due to the sudden temperature change.

Hot air ducts

Your device offers the ability to connect two vents for export of warm air. The air exits with help centrifugal fan, ensuring uniform and efficient heating



The vent outlets can be placed above the hearth or in another remote area where heating is required (except bedrooms). The distance from the hearth for optimal performance must be less than 5m. At longer distances, the air temperature decreases accordingly.

The hob has two openings for connecting the air ducts to its top cover.

- Attach one end of the air duct to the mouth of the hob.
- Attach the other end to the air outlet louvers that are attached to the structural elements of the building.
- Make sure the installation is secure.

Warning :



If the vents are at a short distance from flammable materials, provision should be made for proper insulating them so as to prevent ignition.

The air ducts must be the same length to avoid differences in the volume and temperature of the air distributed from each outlet. In the event that it is required to heat two different spaces using ducts of different lengths, it is expected that the temperature of the outgoing hot air will present differences (spaces supplied by longer ducts may receive air of a lower temperature compared to spaces heated by shorter ones).

Louver for extracting warm air with natural flow

Adequate ventilation of the space within the decorative lining of the fireplace is a vital factor for its safe and efficient operation. The ventilation of the space helps to avoid overheating of the device while at the same time the hot air is dispersed in the space with a natural flow, through the ventilation louver. The louver should be placed on top of the fireplace trim and be of sufficient size to allow the warm air to flow comfortably into the space.

Decorative lining

The construction material of the decorative lining must be suitable for the high temperatures expected to develop inside it without deteriorating or wearing out, while it should also have fire-resistant properties, minimizing the risk of fire.

Warning :



The lining should NOT rest on the fireplace but its support should be placed in a different way, e.g. in a metal frame.

Thermostat / fan installation (where required)

In the event that the device requires the installation of a thermostat, or a fan, or other components that need to be connected to the electric current, the installation must be carried out by a qualified technician, according to the instructions of the manufacturer of the component, taking into account the relevant legislation.

Warning :



The device should only be put into operation only if the fan that ensures the flow of hot air into the space where the device is operating, is installed. In case of interruption of the fan operation (e.g. power failure, motor failure, etc.), the operation of the device as well as its supply with fuel should be stopped as well.

Combustion air

The correct supply of combustion air is an important factor for the safe and efficient operation of the fireplace. The air that fuels the combustion of the wood should be supplied directly from the external environment and not from the internal operating space of the device. This can be achieved by placing the appropriate air inlet, usually on the back or side of the device, which will be open to the external environment and which must be covered with a suitable louver that on the one hand allows the introduction of a sufficient amount of air and on the other hand prevents the entry of birds, rodents, etc. .

If a direct opening to the external environment is not possible, the outlet can communicate with adjacent spaces, taking into account that the adjacent space must be adequately ventilated, ensuring the presence of air for combustion.

Warning:



Do not under any circumstances let into the device air that contains volatile or flammable substances as this may lead to explosion or fire.

Warning :



Under no circumstances should you introduce air from side rooms used as toilets, kitchens, boiler rooms or garages. Risk of fumes.

Warning :



Do not install a hood in the same room where the heater operates. Smoke can seep into the room despite the door being closed, endangering the health of the people in the room.

Before installing the lining:

Put the device for seven (7) days in trial mode and during the trial mode, make sure of the following:

Function: The device works properly and according to specifications.

Chimney connection: There are no flue gas emissions in the area.

Watertightness: No water leaks.

Heating connection: There are no leaks from the connection points to the heating circuit.

If during this time the device works properly proceed with its investment, in any other case contact an authorized technician for a check.

Special instructions for the hydraulic installation of the energy fireplace

For the operation of the energy stove with a boiler that works with an open water heating system, an open expansion tank must be installed. Place the open expansion tank at the highest point of the system and . connect the expansion tank with tubing. Make sure there are no obstacles (e.g. valves, filters) between the container and the heating device.

The equipment intended for installation and operation with the device as a single central heating system must be compatible with it. Follow the equipment manufacturers' instructions for proper installation and operation. The equipment and its installation must comply with the technical specifications of the relevant EU Directives. and national provisions and where required, must carry the CE marking or other appropriate marking based on the applicable legislation.

Warning :



The placement and installation of the central system heating must be done safely and in accordance with specifications, with all the necessary safety valves, as defined in the installation study. The installation of the heating system should only be carried out by licensed technical personnel and in accordance with applicable law legislation and regulations.

Danger :

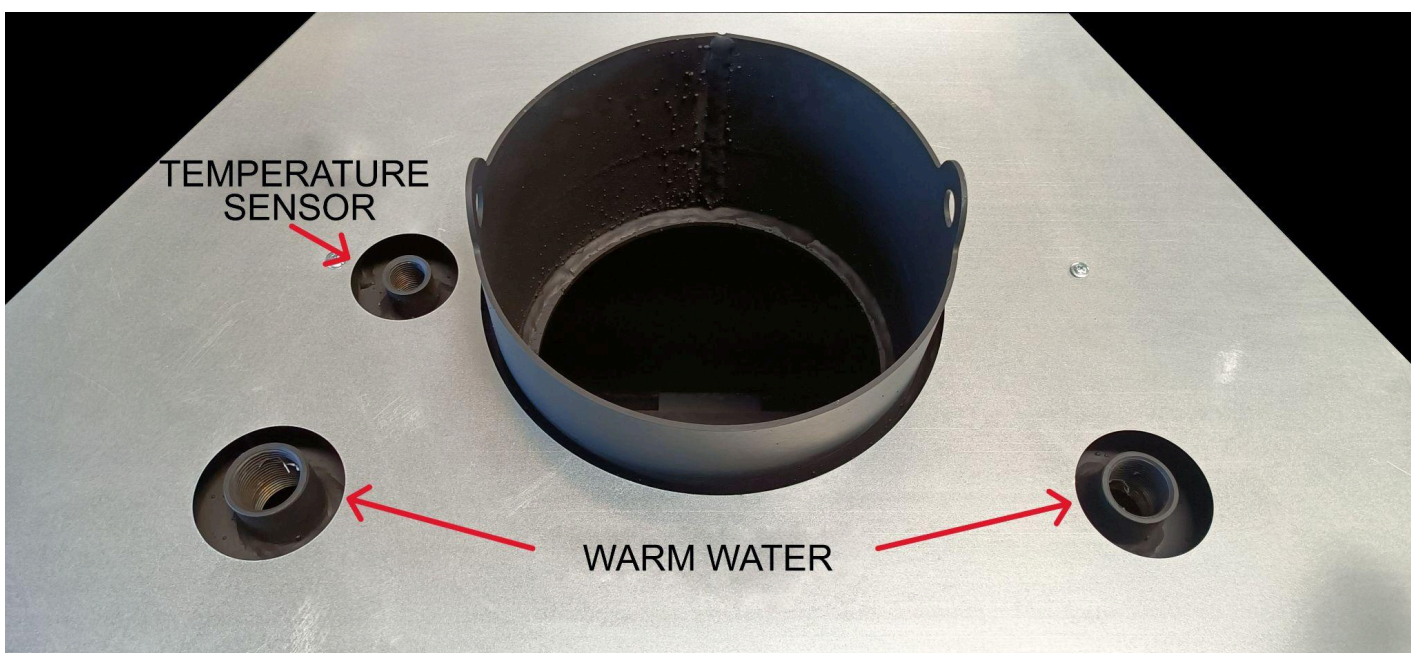


It is forbidden to use the device without installation of the necessary safety elements (e.g. pressure relief valve, thermostatic safety valve, open expansion tank, UPS for uninterruptible power supply etc.) and in a manner different from that defined by specifications in the relevant installation study.

The energy fireplace, which has an integrated water tank (boiler), is designed to operate in a water heating circuit at maximum operating pressure:

- 1 bar for open circuit
- 2 bar for closed circuit

The image below shows the inlets for the hot water connections (choice to connect from the right or left) and the temperature sensor (boiler), at the top of the fireplace:



To connect the water return (cold), the right or left side of the device can be selected, as shown in the image below:



In the combustion chamber of the device there is an integrated boiler, with a maximum water temperature in the boiler at 85°C.

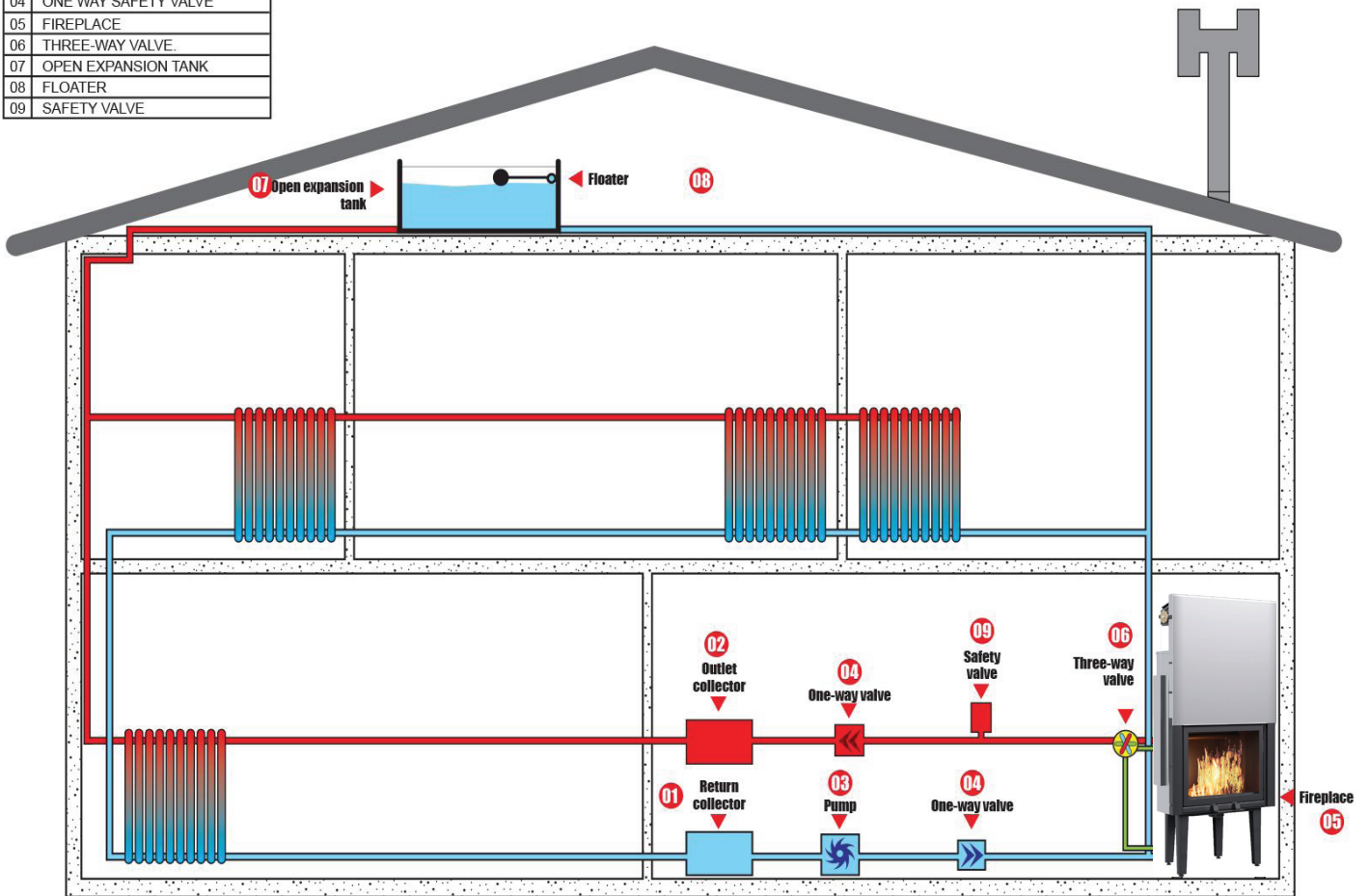
When installing the heating circuit, the following rules and instructions must be observed:

- The device must be installed by a qualified technician, in compliance with all relevant regulations.
- Before connecting the installation, calculate the heat loss for your space and make sure that the required thermal power does not exceed the nominal thermal power of the boiler, which can lead to shrinkage and rupture of its surfaces.

- In an open water heating circuit (operating pressure 1 bar), use an open expansion vessel, without the use of intermediate components that may obstruct the connection between the boiler and the expansion vessel.
- In a closed water heating circuit (operating pressure 2 bar), incorporate protective safety components, which will not allow the operating pressure to exceed 2 bar.
- Venting should be ensured in every section and component of the circuit during the operation of the boiler.
- A plug should be placed very close to the boiler and at the lowest point, with a diameter of at least 1/2".
- All parts of the installation should be protected from frost, especially if the expansion tank or other parts are installed in unheated rooms.
- In case of connecting the fireplace to an old installation, the circuit must be thoroughly cleaned of the accumulated dirt that may have settled on the parts of the existing circuit.
- A fill and drain valve should be fitted. The circuit water should not be drained during the period when the device is not in use.
- Install an uninterruptible power supply (UPS) device to power the pump in the event of a power outage lasting at least 3 hours.
- The surfaces of the energy stove with boiler should be cleaned of smoke and resinous deposits at least once a month.

WATER CIRCUIT CONNECTIONS

01	RETURN COLLECTOR
02	OUTLET COLLECTOR
03	PUMP
04	ONE WAY SAFETY VALVE
05	FIREPLACE
06	THREE-WAY VALVE
07	OPEN EXPANSION TANK
08	FLOATER
09	SAFETY VALVE



When the water temperature in the three-way constant temperature valve is lower than the requested (60c) the green route is followed, otherwise the long route is followed.

Warning



The manufacturer is not responsible and cannot guarantee the operation of the heating installation. In case of incorrect connection and incorrect operating pressure, damage and wear to the energy fireplace may occur. The manufacturer does not guarantee the operation of the energy fireplace in case of incorrect installation.

Notes for proper operation

- In addition to the initial installation, the correct operation and performance of the system depends on the regular checks and maintenance of both the fireplace and the boiler, as well as the individual safety elements of the circuit, in accordance with the specifications of the installation study, the instructions of the manufacturers of the individual accessories and the instructions of the licensed installer.
- In any case, a check should be made for any leaks at each connection point of the circuit, in order to ensure its tightness. Provision should be made for the installation of a separate heating body or hot water cylinder (heat sink), parallel to the circulation system and which will operate with natural water circulation, for heat dissipation in the event of a power failure or circulator failure.
- It is recommended to install a spare thermostat with battery and buzzer at the fireplace outlet. Set the safety temperature based on the installation study so that there is a warning signal in case of an increase in temperature above the safety limit.
- Adjust the automatic filling mechanism correctly and leave the central filling valve open to immediately replenish the water in the circuit in case of leakage.
- It is recommended that the water filling system be connected to a tank and not directly to the network, in order to achieve greater safety in the event of a water supply interruption or leakage.
- Avoid the use of valves at the inlet and outlet of the pump. If their use is necessary, make sure they can be locked in the open position.
- To protect the elements of the installation and prevent damage to the circulator, it is recommended to use a special anti-freeze – anti-corrosion liquid in the circuit water.

- The use of PARAFU type fluids or other antifreeze fluids is FORBIDDEN. They have anti-thermal properties and prevent the operation of the device. Use only special anti-freeze – anti-corrosion liquid for fireplaces. - It is recommended to place a thermomanometer in an easily accessible place, in order to monitor the pressure and temperature of the circuit at any time. It is also recommended to use a float switch placed at the bottom of the open expansion tank (dry run), in order to activate a buzzer or warning light in case of low water level.

6. Operating instructions

The energy fireplace must under no circumstances be used to burn household waste / garbage. Anyone who uses it to burn household waste, chemically treated wood residues, plastic or other packaging, etc., is polluting the environment and can be prosecuted. The device is not suitable for burning liquids or fuels other than those intended for its use. In addition to the uncontrolled emission of harmful pollutants, the burning of unsuitable fuels causes damage, has a negative effect on the performance and lifespan of the appliance and the chimney, and can also be a cause of fire.

Acceptable fuel

The energy fireplace is intended for use with acceptable fuel natural air-dried firewood, with a moisture content of < 20%. Air-dried wood can reach 20% moisture content after storage for 2 years (hardwood) or 1 year (softwood). Wood is not a slow burning fuel, so continuous heating throughout the night is not possible. The energy stove has intermittent operation.

Advice :

Avoid very small logs, as they burn quickly without producing heat for a long time. Prefer wood with a length of up to 25 cm and a diameter of up to 30 cm for optimal combustion. Each type of wood has a different calorific value. Ideal for burning are hardwoods, such as oak and beech, which burn slowly with a low flame, offering longer burning and more heat. Resinous woods burn faster and generate sparks, so they are suitable for use as kindling.

Warning:



The burning of plastics, household waste, chemicals of processed wood residues, barks and chipboards or other unsuitable materials in the energy fireplace is prohibited strictly. The use of unsuitable fuel can bring serious consequences, such as damage to the chimney, fire, damage to health and pollution of the environment.

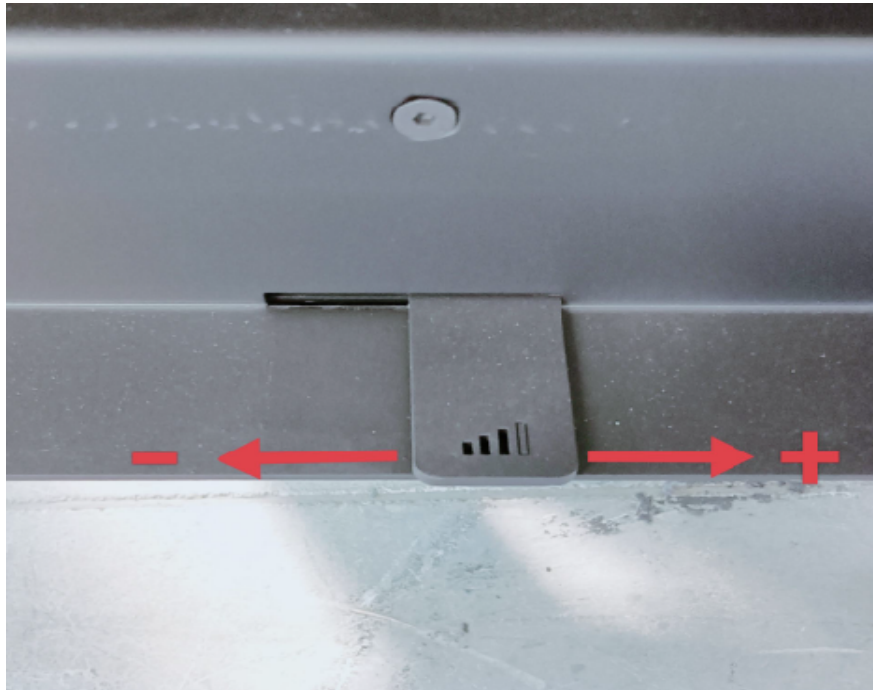
Caution :



Use only dry firewood.

Air intake and adjustment lever

The lever under the combustion chamber door regulates the amount of combustion air entering the hearth. Air enters the combustion chamber behind the fire-resistant glass of the door, through special holes located at the bottom of its frame. When lighting the fireplace, place the lever in its fully open position (far right to the + position as shown in the image below) to ensure a large amount of air is drawn in for quick and efficient ignition.



During operation you can adjust the lever according to the heating needs between the positions:

- Position + (right): More air, stronger combustion.
- Position - (left): Smaller amount of air, gentler combustion.

When operating the hob, do not leave the lever in the fully closed (-) position for a long time as the continuous flow of air in front of the fire-resistant glass of the door protects it from exhaust gases and, by extension, prevents it from briefly blackening.

First use of the energy fireplace – Ignition

Before the first operation of the device, check with the licensed technician the following:

- **Building Regulation Compliance:** Ensure that the installation has been carried out in accordance with the applicable regulations and that the work has been completed correctly.
- **Chimney condition:** Make sure the chimney is well fixed and there are no obstructions to the flue gas outlet.
- **Air Lever Open:** Set the intake and air intake control lever to the fully open position.
- **Supervision:** Make sure that you can fully control the device during the start-up and operation process.

Warning :



Do not touch the hot parts of the device without precautions (protective fireproof gloves, etc.). Hold the children away and under constant supervision when the device is on mode.

Ignition instructions.

Step 1:

- Open the stove door by lifting the handle and place the kindling in the combustion chamber.

Step 2:

- Fully open (+ position) the air intake and adjustment lever.

Step 3:

- Turn on the ignition.

Step 4:

- Close the door and make sure it is closed properly.
- Let the fire burn.

Step 5:

- Once the kindling starts burning, open the door and add the wood.

Step 6:

- Once the fire starts burning, adjust the desired burning intensity using the air inlet and adjustment lever.

Warning:



Never use alcohol, gasoline or other flammables materials as kindling. Use paper, small sticks and the special kindlings of the market.

It is normal to notice a smell or fumes when using the device for the first time. This is due to the burning of the paint and oils used in its manufacture and is not a cause for concern. Open the window for a few minutes if necessary. The smell will fade quickly and disappear completely after a few hours of use.

Caution :



- The device must be used with its door combustion chamber always closed. Emission of dangerous gases hazard.
- Do not overload the appliance with firewood.

Deactivation

To extinguish the fire in the appliance, set the air intake lever to the low position or close it completely. In this way, the device is not supplied with air, so the fire lowers and gradually goes out.

DO NOT EXTINGUISH THE FIRE WITH WATER!

Warning:



When burning wood at low intensity inside a closed device, moisture and tar is produced, which will create condensate and deposits in the chimney. To minimize the effect, operate the device on high intensity and for a period of 15 to 20 minutes, two times a day.

WARNING:

Correct installation by qualified technical personnel, the installation of a chimney of the correct dimensions and compliance with the cleaning and maintenance instructions, ensure that your energy fireplace will not emit fumes or smoke gases in the operating area. Occasionally and only during ash removal or fueling, a small amount of flue gas may escape.

Warning :



In case you notice fumes in the room, switch off the device immediately and ventilate the space.

In the event of flue gas emissions from the device:

- Open doors and windows for direct ventilation of the room.
- Switch off the appliance and remove fuel from the chamber.
- Check the flue and chimney for any obstructions preventing the smooth flow of flue gases.
- Request the assistance of specialized technicians.
- Do not operate the device until the cause has been investigated, the problem resolved and it is safe to use.

Operation during the transition period (spring or autumn)

During periods when the outside temperature is relatively high, the temperature difference between the flue gas and the environment is smaller, with the result that the stack effect of the chimney is reduced. This can lead to insufficient flue gas discharge, incomplete combustion and ultimately the accumulation of smoke and carbon monoxide in the combustion chamber which can leak into the appliance's operating space. To avoid this, fully open the air intake setting and use smaller amounts of fuel to achieve a faster burn. Also, remove the ash to enhance the air supply inside the combustion chamber and achieve a more perfect combustion.

7. Cleaning and maintenance

It is important to maintain the device at least once a year, preferably before the period of use and always according to the following instructions. Maintenance must be performed by a qualified technician.

Warning :



Maintenance and cleaning should be done when the device has completely cooled down.

Cleaning of external surfaces

To remove dust and dirt, use a soft brush or a dry cloth. Do not use hard sponges or scrapers as you may peel off the high temperature resistant paint. Dry the fireplace thoroughly with a clean cloth to prevent rust formation.

Steps for cleaning from ash:

- Use a small broom to collect the ash from the surface of the combustion chamber.
- Empty the ash into a suitable, non-flammable container. It is recommended to use a special brush or vacuum for cleaning fireplace ash to avoid scattering the dust.
- Caution: Before disposing of the ash, make sure it has completely cooled and is at room temperature. Hot ash can cause a fire.

Cleaning the ceramic glass of the door (flame door)

Supplying air to the operating area of the device from outside helps to prevent dirt accumulating on the flame chamber crystal.

For light dirt, use a damp cloth to wipe it off the glass. If the dirt is more stubborn, you can use a mild cleaner without active substances.

Persistent dirt:

For persistent dirt, use a special heater-fireplace glass cleaner. Caution: Carefully follow the instructions for use to avoid damage to the refractory coating.

An alternative solution for cleaning the door glass is using ash:

1. Wait until the device has completely cooled down and slightly wet a piece of newspaper or cloth and place it on the white ashes that have accumulated in the combustion chamber.
2. Rub the glass with the cloth or newspaper with the ashes.
3. Wipe the glass with another damp cloth or newspaper.
4. Dry with a clean, dry cloth.

To clean the glass, follow the steps below:

1. Pull the lever on the lower right side of the door towards you.
2. Open the door outwards, pulling it towards you so that the glass is facing you for easier cleaning.
3. After you finish cleaning, close the door again.
4. Push in on the lever on the lower right side of the door so that the door is raised and locked.
5. Caution: Make sure the door is properly closed before securing it.
6. Do not secure the door if it swings, because there is a risk of cracking the glass.

Cleaning and maintenance of door mechanism (only if there is an access opening)

The vertical movement of the fireplace door is done on metal guides on which it slides when opening / closing. To ensure the correct and silent movement of the door, these guides need lubrication. Over time and frequent use, the lubricant loses its properties, causing the door to be difficult to open and close, while also producing noise.

Follow these steps to lubricate the guides:

1. Fully open the door: Raise the door to its maximum height.
2. Locate the guides: Look for the metal tracks on which the door slides to open and close.
3. Apply the lubricant: Following the manufacturer's instructions, apply a small amount of lubricant to the guides. You can use a brush or cloth to spread the lubricant evenly.
4. Distribute the lubricant: Close and open the door several times. The movement of the door will help the oil to spread evenly across the surface of the guides.

Chimney cleaning

Before cleaning, make sure that the appliance and the chimney have cooled down completely. Cleaning is necessary to remove the soot that accumulates in various parts of the chimney and can cause a malfunction of the device and/or a fire in the chimney.

Cleaning must be carried out regularly, at least once a year or at shorter intervals depending on use or when deemed necessary by the user. It is recommended to be carried out after the end of the period of use and before the summer months, as high ambient temperatures can cause self-ignition of the accumulated soot in the chimney.

The cleaning must be carried out by a qualified technician, who, in addition to the cleaning, must check and confirm the good operating condition of the chimney.

When cleaning the chimney, there is a possibility of soot falling. Keep the appliance door closed to prevent soot from entering the room. After the initial cleaning and when you find that the amount of soot has decreased noticeably, you can open the door to increase the draft of the chimney, which will help to remove the soot residues faster.

Handling during the summer months

During the summer months when the device is not in use and after cleaning the chimney and combustion chamber, close the air inlet and flue gas exhaust regulators and secure the fireplace door until the next period of use. Chimney cleaning is recommended after the end of a period of use, and before the summer months.

8. Troubleshooting

PROBLEM	CAUSE	SOLUTION
Weak flame. The room cannot be heated	Use of wet firewood	Use dry firewood
	Wrong fuel use	Use correct type of fuel (firewood)
	Weak stack effect	Check all chimney connections. Close cleaning openings. Clean chimney.
	Insufficient air flow	Adjust air inlet lever. Clean dust.
Excessive smoke	Insufficient air flow	Like above
	Unused firewood	Do not add excessive firewood
Chimney fire	Wrong or excessive fuel. Insufficient maintenance	Shut the air inlet and immediately call the fire department

Glass gets dirty too often	Wet firewood	Use dry firewood
	Wrong type of fuel	Use the correct type of fuel (firewood)
	Firewood overload	Do not use excessive fuel.
	Insufficient air flow	Adjust the air flow lever Clean the ashes.

9. Packaging

The manufacturer has the device packaged in a way to offer as much protection as possible. However, it may be damaged during transport. So please, when you receive the device, check it carefully externally and internally for damage. Please contact your supplier in case of wear.

The packaging consists of recyclable materials that do not burden the environment. Take care of the correct disposal for recycling of the packaging materials, so as not to cause pollution of the environment

10. Warranty

The manufacturer guarantees the excellent quality of the products and their smooth operation. In the event that you detect any manufacturing defect or malfunction, the manufacturer promises to immediately proceed with the required actions to restore them.

- The product warranty is valid for one (1) year from the date of purchase regardless of the date of installation.
- For the electrical parts of the product, the warranty is valid for one (1) year.
- The combustion chamber door glass is not covered by the warranty.
- The proof of purchase must be kept throughout the warranty period in order to prove the date of purchase.

This warranty is only valid if:

- The product has been installed and used in accordance with the installation and use instructions in this manual.
- The product has been connected to the chimney correctly and in accordance with the applicable provisions and standards.
- The product has not been damaged by external factors (e.g. bumped during transport) and has not undergone modifications and incorrect handling.

The cost of the installation of the fireplace and the transport to and from the company headquarters are borne by the customer.

For more information and clarifications you can contact the manufacturer or your supplier



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