



PRODUCER OF FIREPLACES

INSTALLATION AND OPERATING

BIOFIREPLACES



Biokominki HITZE zostały wykonane
zgodnie z EN 16647:2015

www.hitze.pl

Dear Client,

thank you for purchasing the Hitze bio fireplace!

READ THE INSTRUCTIONS FOR USE AND ASSEMBLY IN FULL PRIOR TO FIRST USE AND VERIFY THE PRODUCT'S COMPLETENESS. THE DEVICE CONTAINS THIS DOCUMENT. USE ONLY THE FUEL RECOMMENDED BY THE MANUFACTURER. THE TECHNOLOGY IS UNSUITABLE FOR CONTINUOUS USE. ONLY FOR DECORATIVE AND INTERNAL USE (PERIODICALLY FOR USE ON TERRACES AND BALCONIES).

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1. SAFETY

1.1. Major information

The instructions in the Operation and Assembly Manual will guarantee that the bio fireplace operates correctly and prevent damage and accidents brought on by improper use. The bio fireplace's functionality and safety have been carefully examined by the manufacturer. Only decorative uses are planned for the bio fireplace. Any other use is harmful and not intended. The bio fireplace must be used in accordance with these guidelines in order to ensure its security and proper operation.

The producer is not responsible for the harm brought by using the bio fireplace incorrectly. Refunds for used bio fireplaces are not available. It is prohibited to operate the device while intoxicated, whether by alcohol or another substance

ATTENTION!

- Do not add fuel to a burning bio fireplace!
- Do not ignite the device when it is hot!
- In the event of a spillage from an overfilled biofuel container, do not start the device.
- It is recommended to completely burn out the bioethanol to light out the bio fireplace (complete burning out eliminates the risk of evaporation of bioethanol residues).
- Regularly inspect the containment chamber for fuel leaks.
- If fuel is detected in the safety chamber, remove excess fuel.
- A burning device is hot (also applies to the glass)!
- The bio fireplace remains hot even up to 30 minutes after it is completely extinguished.
- Observe local regulations when using the bio fireplace.
- Use only in a well-ventilated area.
- The bio fireplace must not be exposed to moisture, low temperatures, wind, and other unfavorable weather conditions.
- Keep away from pets, children, and others unaware!
- Use only the fuel specified by the manufacturer (HITZE biofuel recommended).
- The device must not be moved while it is in operation.
- Never leave the device switched on.
- Never leave a running device unattended.
- The bio fireplace is not suitable for continuous operation.
- The bio fireplace cannot be installed in a place with drafts.
- Be careful, because, during the operation of the bio fireplace, its external parts heat up to high temperatures.
- Do not place any objects, including flammable materials, on top of the device.
- Bio fireplaces equipped with convection grilles or ventilation openings must not be covered in any way.
- It is forbidden to make any modifications to the construction of the device.
- In the case of replacing damaged elements of the bio fireplace, use only from original parts available from the manufacturer.
- Bio fireplace fuel should be stored in a safe place, outside the fire zone, following local regulations in force in the area where the bio fireplace has been installed.
- When using a bio fireplace, we are dealing with an open fire.
- Failure to comply with the safety instructions may result in fire, rapid flare-up (explosion), or burns.

- A CO2 fire extinguisher or fire blanket should be located near the device to extinguish bioethanol fuel.
- Make sure that the wall/table/floor on which this device is placed can support its weight

1.2. Pictograms and their meaning



Do not add fuel to a burning bio fireplace



Do not add fuel to a hot bio fireplace



Do not ignite a hot bio fireplace



Do not move the bio fireplace while it is working



Do not overfill the bio container



Use only recommended fuel



Protect against drafts



The bio fireplace has a decorative function



Keep away from children and anyone unaware



Use in well-ventilated areas

2. TECHNICAL DATA

There is a bio container with a maximum filling indicator in every HITZE bio fireplace (Fig.1). Bio containers are composed of bioethanol-resistant sheet metal. Additionally, the containers incorporate an absorbent insert to stop biofuel from spilling in the event that the apparatus is unintentionally tilted. The absorbent core must be inserted into the container to 50% of its maximum capacity in order for it to function.

Name	Type	Weight [kg]	Maximum capacity [l]	Fuel consumption [l/h]
BLUES L/R	For permanent installation	16,3	1	0,25
CALYPSO	Table	4,2	0,6	0,23
JAZZ	For permanent installation	13,6	1	0,25
RAVE	Freestanding	7,5	0,6	0,23
RAVE MINI	Table	3,5	0,3	0,11
SOCA	Table	2,7	0,3	0,1
SOUL L/R	For permanent installation	14,3	1	0,25
SWING	For permanent installation	11,0	1	0,25
KARIF	Freestanding	25,0	0,8	0,27
LESTE	Freestanding	23,0	0,8	0,27
SAHIL	Freestanding	42,0	0,6	0,23

3. ASSEMBLY AND INSTALLATION

The bio fireplace should be unpacked in the presence of the courier. The device is approved for use in rooms with a volume of not less than 40 m³ and an efficient natural ventilation system ensuring the supply of fresh air. It is allowed to use several biofireplaces in the room, provided that their total power does not exceed 4.5 kW (total biofuel consumption does not exceed 0.6 l/h). The installed device must not be exposed to gusts of wind. Regardless of the type of bio fireplace, it should be installed at a minimum distance of 1 m from flammable materials. If the bio fireplace is equipped with glazing, it should be installed only after the device has been installed in its working place (Fig. 6).

Bio fireplaces intended for permanent installation (wall and built-in) should be placed on a non-combustible wall of appropriate strength, or installed in a dedicated wall niche made of non-combustible material. This type of device has dedicated holes in its construction that allow the fireplace to be hung on the wall (Fig. 4). Dedicated mounting screws with wall plugs are delivered with the device. When mounting devices in a wall recess, keep a free space between the housing and the device (min. 1 cm). If the bio fireplace has not been mounted stably, it is necessary to adjust the degree of screw tightening.

Free-standing bio fireplaces and table bio fireplaces require only initial assembly from the user, consisting of installing a bio container and, if necessary, glazing. The device must be placed on a stable and level surface with the required load capacity.

Due to their height, free-standing bio-fireplaces KARIF, LESTE, SAHIL should be permanently attached to the ground or wall (SAHIL). The mounting holes that should be used when installing bio-fireplaces are shown in Fig. 8.

4. SERVICE



CAUTION!!!

- DO NOT LIGHT THE APPLIANCE IF IT IS HOT !!!
- DO NOT ADD FUEL TO A BURNING BIO FIRE!!!
- DO NOT EXCEED THE MAXIMUM FILLING LEVEL OF THE BIOCONTAINER !!!
- THE BIO FIREPLACE MAY BE HOT FOR AN HOUR AFTER IT TURNS OFF!!!
- MAKE SURE THAT THE BIO FIREPLACE IS COOLED!!!

4.1. Filling the biocontainer

The bio container should be filled only after the installation of the bio fireplace is completed. Before refueling, check the bio container for leaks. Only fuel based on bio alcohol, intended for bio fireplaces, should be used in the bio fireplace. It is forbidden to burn other fuels and substances. Failure to comply with the instructions may lead to fire, body burns, and damage to the bio fireplace.

Each bio container used in HITZE bio fireplaces is equipped with a maximum fuel level indicator and an absorbent insert to prevent fuel from spilling in the event of inadvertent tilting of the device. For the absorbent core to fulfilling its task, the bio container should be filled to half its maximum capacity.

If the maximum filling level of the container is exceeded, do not start the device. If biofuel is spilled, wipe it up immediately with a paper towel.

In bio fireplaces equipped with a panoramic burner (BLUES, JAZZ, SOUL, SWING) before refilling the biofuel, the lid of the bio container must be removed (Fig.3). It is forbidden to ignite the bio fireplace without the bio container cover installed.

4.2. Igniting the device

Only adults and sober individuals are permitted to light the bio fireplace, and they must adhere to all the safety precautions outlined in this manual. Long fireplace matches or a fireplace igniter should be used to start the bio fireplace. Maintain a safe distance of at least 0.5 meters between you and the burner of the bio-fireplace while it is in use. The bio-fireplace flame will develop its right height and color after 10 to 30 minutes of burning, depending on the type of burner utilized. It is not permitted to manually fan the flame while the bio fireplace is in use. Moving the bio fireplace while it is operating or the bio fireplace with installed glass panes is prohibited. A biofireplace should never be left unattended by an adult.

4.3. Blanking the device

Forced flame extinguishing should be avoided. In the event of the premature extinguishing of the burner (unburned biofuel may evaporate into the environment - it may ignite spontaneously).

To extinguish the burner in the bio-fireplace, use the dedicated cover (BLUES, JAZZ, SOUL, SOCA, SWING, KARIF, LESTE) or close the cover of the bio-container using the control handle (CALYPSO, RAVE, SHAIL) in accordance with Fig. 2. These elements are delivered with the device. Before re-lighting the device, wait until the bio fireplace reaches room temperature

If it is necessary to extinguish the bio fireplace immediately, it is absolutely forbidden to extinguish the device with water. In case of uncontrolled ignition of spilled biofuel, extinguish the fireplace using appropriate extinguishing agents (type B or C fire extinguisher, fire blanket).

Extinguishing a burning bio fireplace is carried out by cutting off the air supply to its burner. In the absence of the indicated extinguishing agents, cover the fire source with a thick layer of non-combustible material, e.g. curtain, blanket, or quilt.

If the biofuel ignites during refilling, slowly put the biofuel bottle on the ground and shut off the air supply. Throwing a lit bottle on the floor may cause an explosion.

5. MAINTENANCE

HITZE bio fireplaces should be cleaned routinely with a moist cloth rather than using corrosive cleaners. Bio fireplace housing is painted with fireplace paint, and repainting is permitted in the event of harm. If there is any mechanical damage, using the bio fireplace is not authorized. Please replace cracked or severely scratched glass with new content. The manufacturer has all the necessary service materials on hand.

6. GUARANTEE

The manufacturer provides a 24-month warranty for the correct operation of the bio fireplace, excluding mechanical damage to the coating. Complaints are considered within 14 working days from the date of its written notification, for which a Warranty Card and proof of purchase are required. The purchaser is obliged to read and comply with this manual. Failure to follow these Operating Instructions and installation voids the warranty. Bio fireplaces that have already been used are excluded from the right to exchange or return. In case of additional doubts, please contact us by e-mail at serwis@hitze.pl.

7. ILLUSTRATIONS

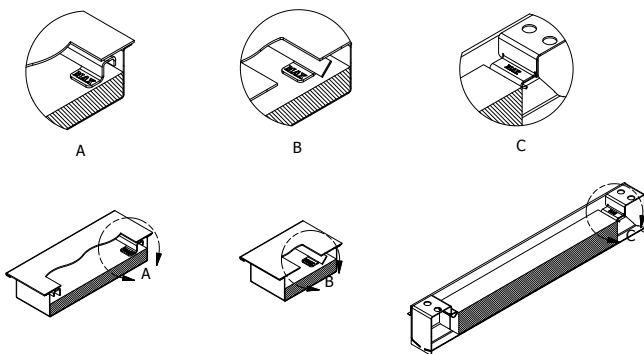


Fig. 1 Biocontainer maximum filling indicator. Depending on the model, the shape of the biocontainer may vary

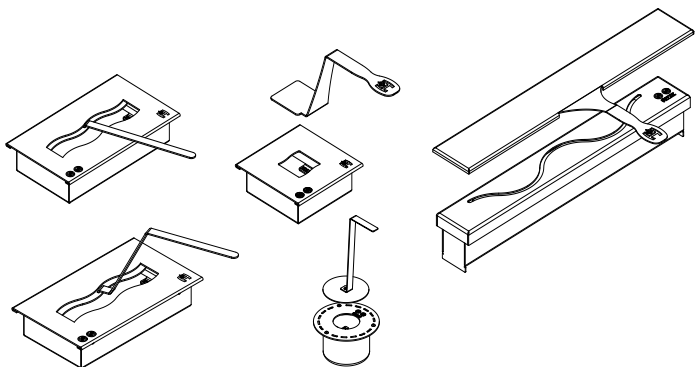


Fig. 2 The method of extinguishing the hearth

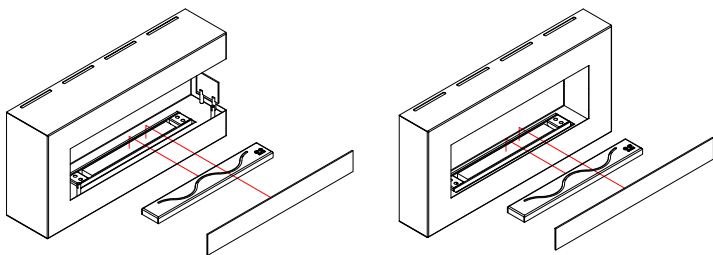


Fig. 3 BLUES/JAZZ/SOUL/SWING burner cover removal

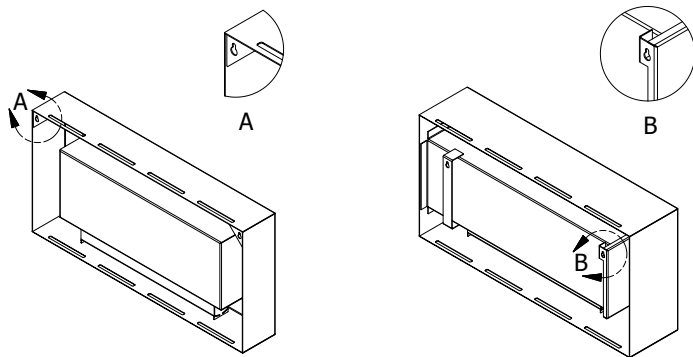
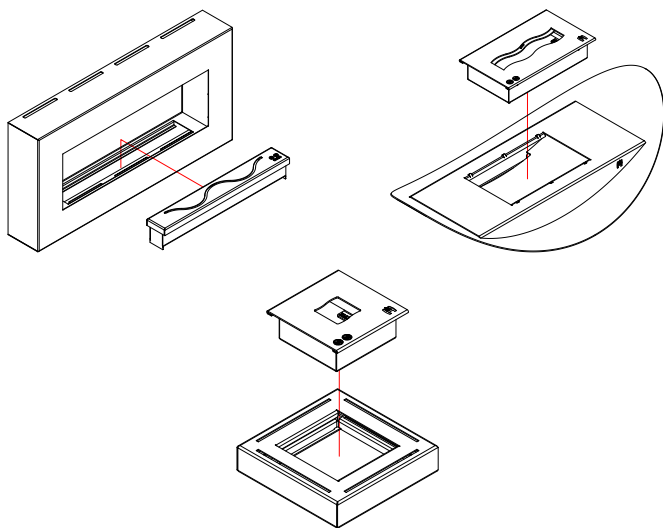


Fig. 4 Mounting holes in hanging bio fireplaces



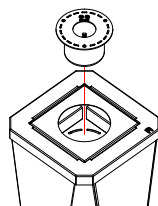
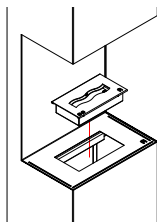
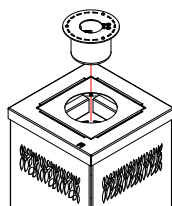
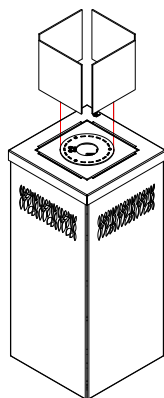
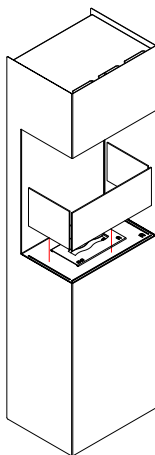
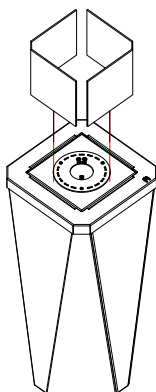


Fig. 5 | How to assemble the biocontainer



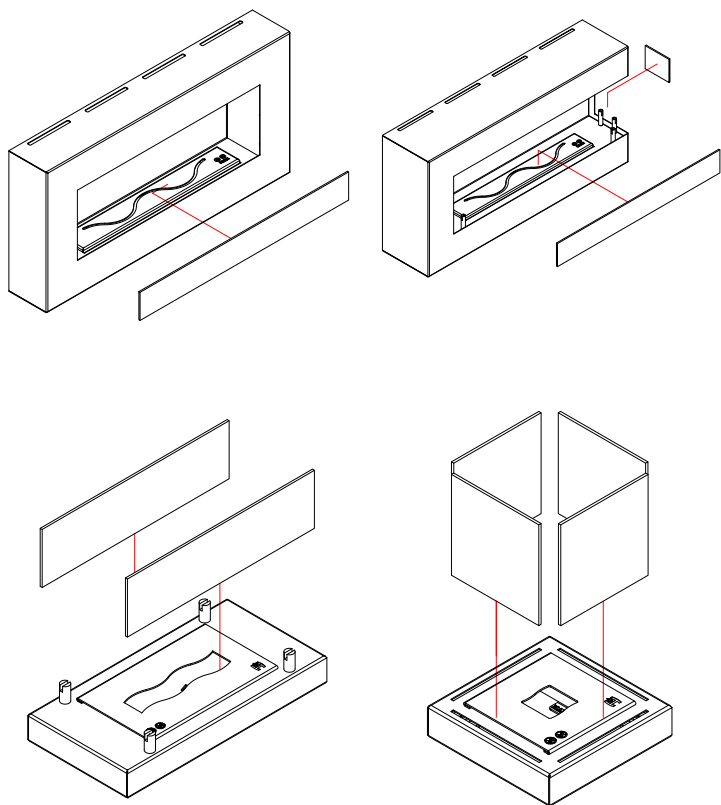


Fig. 6 | How to install the windows

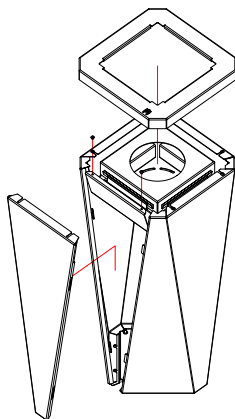
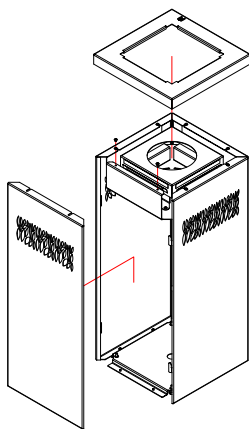


Fig. 7 How to install free-standing LESTE and KAFIR bio-fireplaces

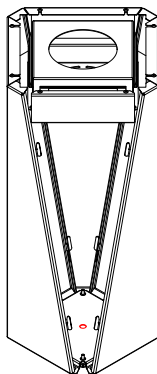
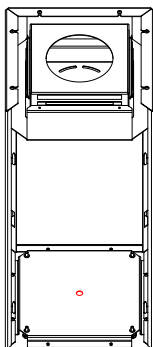


Fig. 8 Mounting holes in free-standing bio-fireplaces



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