



TERMATECH BIOSTOVES

LIMITLESS DESIGN POSSIBILITIES

Different visions Individual solutions

The flueless fireplace opens up new possibilities for everyone to enjoy the fascinating flames and heat of a fire. Whether used for a house, an apartment or a country house, our bio fireplace creates the right ambience – in a safe and environmentally friendly way.

As it requires little space and doesn't need to be connected to a flue, it can be placed almost anywhere that one can wish.

There are practically no limits to the possibilities and all types of designs, interiors and embeddings can be imagined.



NIBE GROUP MEMBER

**DANISH
DESIGN**



WHAT IS A BIO FIREPLACE?

Unlike normal fireplaces and wood burning stoves, a bio fireplace burns bioethanol.

Our bioethanol is exclusively produced from natural vegetable waste, which offers a practically 100% clean combustion that does not release any smoke, ash, soot or particles during combustion.

The only waste products are; a little water, heat and a minimal amount of carbon dioxide. Thanks to this, the bio fireplace does not need to be connected to a flue system and is therefore a good alternative to traditional fireplaces.

The true advantage of a bio fireplace is that it can be located anywhere in any room where you wish to create a warm and welcoming ambience. Regardless if you wish to use it as wall embedded, as a freestanding floor fireplace, or as a room divider.

A bio fireplace requiring only little space, it allows you to install it in any kind of room or situation.

Depending on the size of the burner and its heat output, it will release a pleasant heat in the room. The only condition is that it needs enough air for combustion and so the size/output of the burners must be adapted to the size of the room.

Easy to install

A bio fireplace can be placed on the floor or embedded in a wall. Therefore, regardless of whether you plan to install it in a new construction or an existing one, in most cases you can create and obtain exactly the effect and design that fits your home and your taste in home furnishings - regardless if it is a mansion, an apartment or any other place – only your imagination puts the limit.

A bio fireplace requires no permission or authorization to be installed. It is only important to follow the safety distances for combustible material and the air volume requirements.

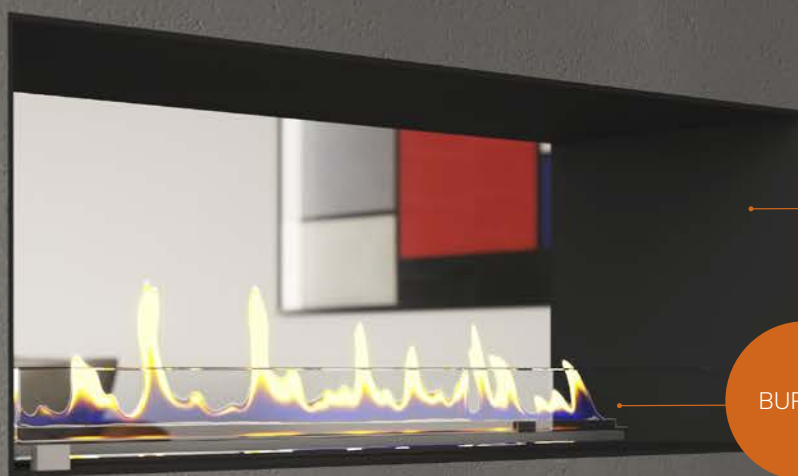
If you're a DIY person, you can install it by yourself or you can have one of our resellers do the installation.



"6 in 1" casing, here as a tunnel fireplace

A wall-embedded bio fireplace typically consists of 3 elements

- 1 main structure
- 1 casing
- 1 burner



CASING

BURNER

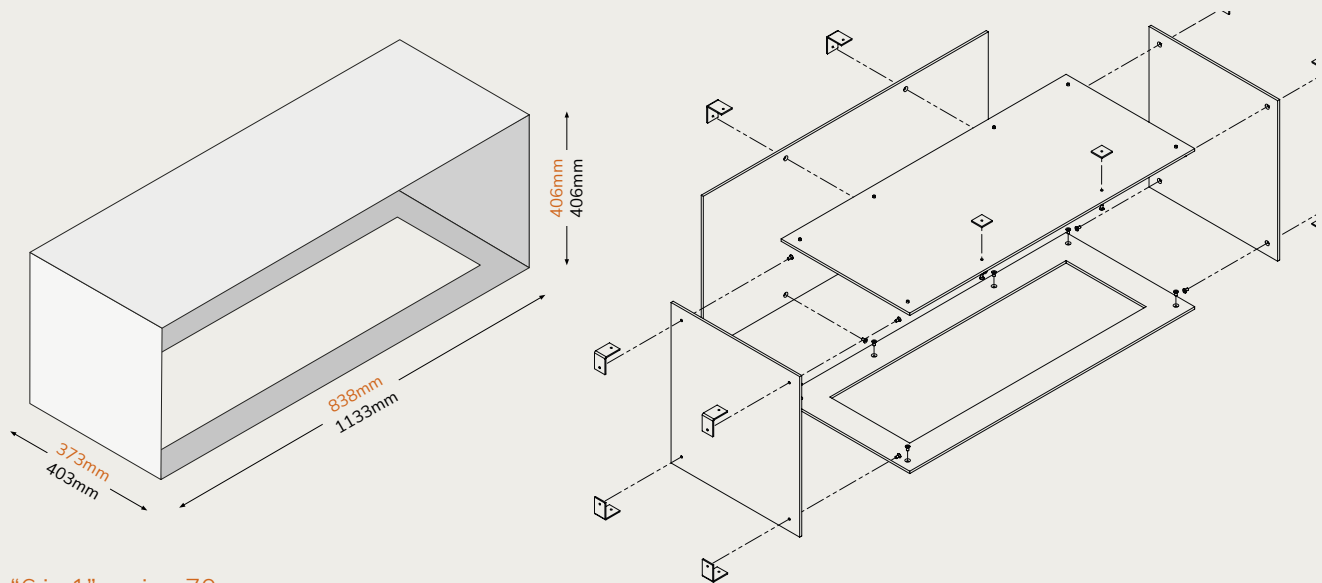
MAIN
STRUCTURE

THE STRUCTURE

The casing is mounted in a structure that is made of a non-flammable material - such as calcium silicate, bricks or light cement.

Design and structure of the project is decided by you: A room divider with a built-in shelf for wine or books? A traditional fireplace or a tunnel fireplace with openings on both sides? Possibilities are unlimited.

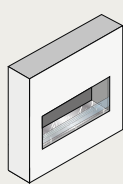
Once the frame is mounted, it can be painted or covered with all possible coatings. Ask your reseller for advice.



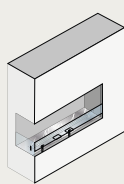
"6 in 1" casing 70
"6 in 1" casing 99

CASING

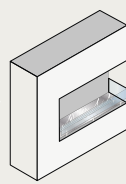
To build in our burners we have developed a smart "6 in 1" casing. Its frame is made of 6 mm powder-coated black steel, giving it an authentic and exclusive "fireplace" look. With our "6-in-1" casing, you get 6 different design options. The casing contains all the components that are needed to create all 6 design solutions – It's quick and easy. You can choose to add a glass kit that includes 2 short and 2 long decorative glasses, which will give an exclusive outline to the fire, and also handy magnetic support clips for the glasses are available.



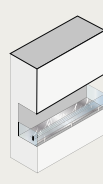
1 side



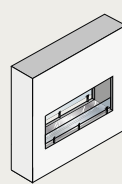
2 sides left



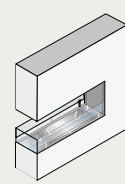
2 sides right



3 sides



Tunnel



Room divider



"6 in 1" casing, here as a tunnel fireplace



"6 in 1" casing, here as fireplace with 2 sides with left-hand opening

THE BURNERS

We offer 2 types of bioburners - manual (Bio) and automatic (BioTronic) ones.

The manual burners (Bio 70 and 99) are characterized by:

- A ceramic core that absorbs the bioethanol.
- Built-in safety - filling is only possible when the burner is switched off.
- Stable and economical combustion.
- Manual ignition.
- Manual filling.
- 2 sizes.
- Manufactured from stainless steel.



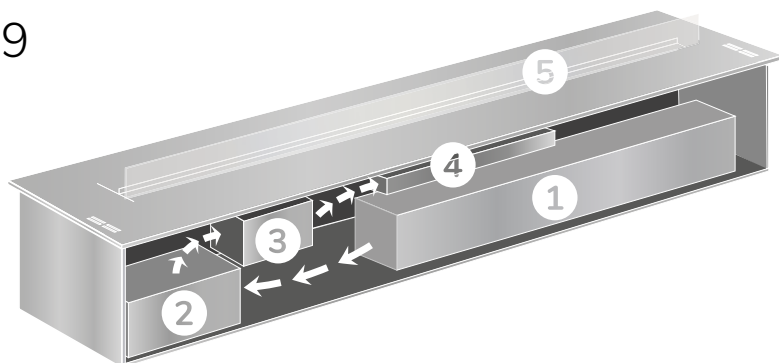
The automatic burners (BioTronic 70 and 99) are characterized by:

- Combustion by BEV Technology (Burning Ethanol Vapours). The BEV Technology is a system that preheats the bioethanol before it reaches the combustion tube, in order to optimize the mix between oxygen and bioethanol. This technology consumes less bioethanol and results in a cleaner combustion.
- Combustion is constantly monitored and controlled by 4 safety sensors.
- The fire is ignited by a glow plug, which is activated using the remote control or from the control panel.
- The flame height level can be adjusted using the remote control or the control panel (2 levels).
- Remote control included.
- Refilling the fuel reservoir is done using the patented electronic pump which is controlled by safety sensors, without any risk of overfilling or leakage.
- No direct connection between the bioethanol tank and the flame.
- 100% safe use when filling, when lighting the device and during the use itself.
- 2 sizes available.



BIOTRONIC 70 AND 99

- 1: Fuel reservoir with level sensor
- 2: Fuel pump
- 3: Microprocessor
- 4: Bioethanol pre-heater/atomizer
- 5: Combustion pipe



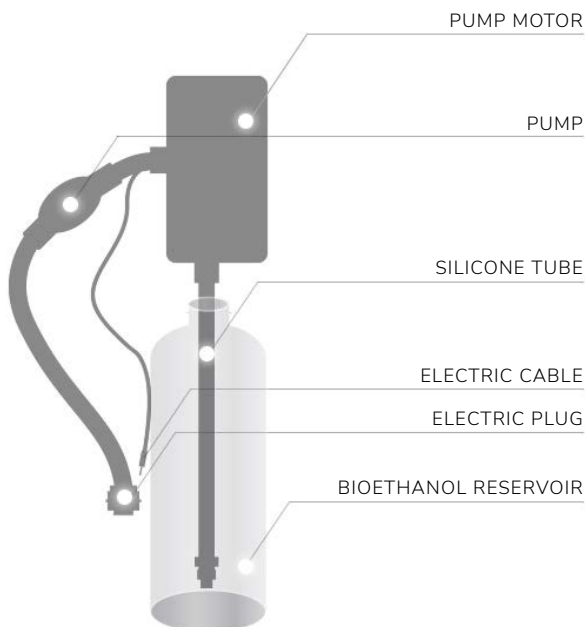
SAFETY – 4 MONITORING SENSORS

The BioTronic design ensures a stable and uniform flame throughout the combustion process. To ensure the highest degree of safety and comfort, the BioTronic is equipped with 4 sensors. These sensors are connected directly to the microprocessor, ensuring that any malfunction during use will be immediately detected.

BioTronic is therefore a fully automatic product, which guarantees maximum comfort and safety. Our technology allows a complete control on an ecological, clean and decorative fireplace, without flue.

For an easy and intuitive use of the device, the BioTronic is equipped with a simple control panel located under a small lid. With a single push the burner ignites and for adjusting the height of the flame between standard or Eco mode. Alternatively, you can use the remote control.

It's simple and easy!



SMART FILLING SYSTEM

The smart filling system makes filling easy and effective, and prevents human error. The special fuel pump (included) communicates directly with the microprocessor via the wiring harness. The pump pipe is connected directly to the reservoir with a click connector.

This minimizes the risk of leakage and overfilling of the reservoir, and makes BioTronic the safest choice.

BIOTRONIC 70 AND BIOTRONIC 99

- NO FLUE NEEDED
- EASY AND SAFE TO USE
- PATENTED BEV TECHNOLOGY™
- AUTOMATIC FILLING PUMP INCLUDED
- EASY TO INSTALL
- NO ASH, SMOKE OR ODOUR FROM THE COMBUSTION
- ECO-FRIENDLY BIOETHANOL – 100% NATURAL
- LIMITLESS FURNISHING SOLUTIONS



- REMOTE CONTROL
- 2 FLAME HEIGHTS



BEV TECHNOLOGY™ (BURNING ETHANOL VAPOURS) – THE MOST ADVANCED TECHNOLOGY

The patented BEV Technology™ and our BioTronic smart burner are among the most advanced products on the market. The advanced microprocessor monitors and controls combustion, and together with the construction design of the burner it provides an effective and safe function.

This innovative technology offers a clean, safe and effective combustion putting the BioTronic on a whole new level, without unwanted residues such as smoke, smells, soot and ash.

BIOETHANOL

A bio fireplace uses bioethanol for combustion. With our bioethanol you get beautiful, natural flames. Our bioethanol is produced 100% from natural plant residues.

When the bioethanol burns, it does not produce soot, smoke or ash and the impact on the environment is completely neutral. Our bioethanol is of the highest quality, we recommend you to use only this type of ethanol in our burners. Lower quality bioethanol products may damage your device (see warranty conditions).

Other types of bioethanol may cause unwanted odours and could in worst case damage the burner. Never add any substances to the bioethanol, such as perfumes or aromas.

The cleanest combustion

No smoke, ash, soot or unpleasant odours during the combustion process. The only bi-products emerging from the combustion are just heat, water vapour and an insignificant amount of CO₂.

Released CO₂ is re-absorbed by plants during their growth, so bioethanol is considered a CO₂-neutral fuel.

Beautiful natural flames

Enjoy the magical atmosphere created by the calm, yellow flames without unnatural bluish reflections.

No flue needed

Since combustion does not release significant residues or fumes, no flue is required.

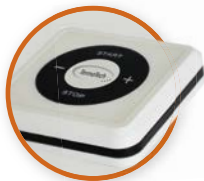
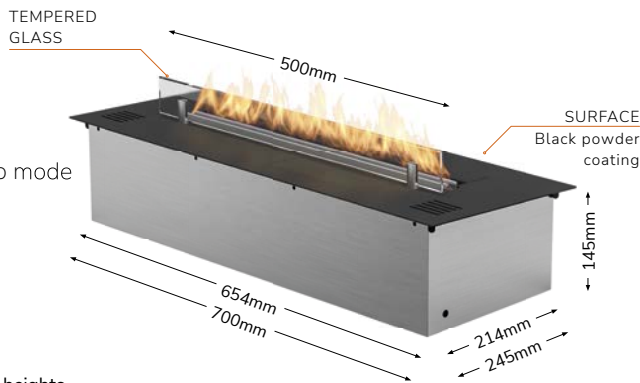
BIOTRONIC 70 AND 99 (AUTOMATIC BURNER)

BIOTRONIC 70

- Thermal power max. 4.4 kW
- Tank volume 1.9 L.
- Combustion time max. 4,5 hours in eco mode
- Weight 12.3 kg.
- Power supply 230 V.
- Space volume req. min. 44 m³

 Smart filling system

 2 flame heights




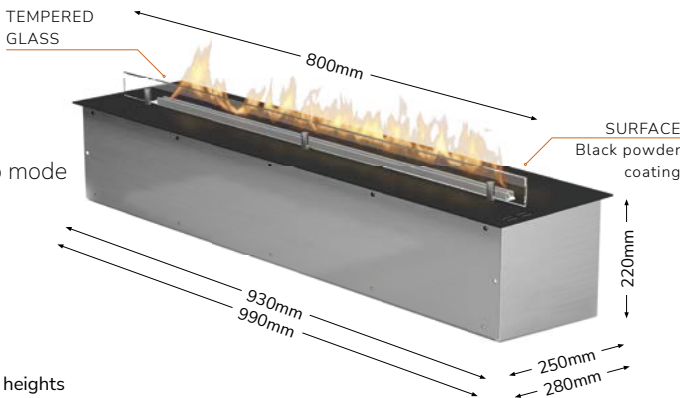
REMOTE CONTROL INCLUDED

BIOTRONIC 99

- Thermal power max. 7.0 kW
- Tank volume 5.5 L.
- Combustion time max. 10 hours in eco mode
- Weight 27.5 kg.
- Power supply 230 V.
- Space volume req. min. 70 m³

 Smart filling system

 2 flame heights



REMOTE CONTROL INCLUDED

BIO 70 AND 99 (MANUAL BURNER)



BIO 70

- Thermal power max. 5.0 kW
- Tank volume 3 L.
- Combustion time 4 hours
- Weight 19.5 kg.
- Space volume req. min. 44 m³



BIO 99

- Thermal power max. 7.0 kW
- Tank volume 4 L.
- Combustion time 4.5 hours
- Weight 30 kg.
- Space volume req. min. 70 m³

RESELLER