USER MANUAL

Bioethanol Built-in Fireplace

SELECTED

Single-sided bioethanol built-in fireplace · widths 60 to 200 cm

Read completely before use and keep for future reference.
This manual contains important information on safety, operation and care.

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CONTENTS

Table of contents

01	Foreword	3
02	About this manual	4
03	Intended use	5
04	Product overview and technical data	6
05	Safety instructions	7
06	After unpacking	9
07	The fuel: bioethanol	9
08	Filling the burner	10
09	First use	10
10	Before each use	11
11	Lighting	11
12	Adjusting the flames	12
13	Extinguishing	12
14	Cleaning and care	13
15	Troubleshooting	13
16	In an emergency	14
17	Disposal	14
18	Warranty and liability	15
	Manufacturer and contact	15

CHAPTER 01

Foreword

Dear customer,

Thank you for choosing a Bioethanol Built-in Fireplace SELECTED from Wild Flame. We have been making bioethanol fireplaces in our Dutch-Polish family business since 2013. Your fireplace was manufactured in Poland, largely by hand. A perfect flame pattern is at the heart of everything we do, which is also where our name comes from.

A bioethanol fireplace brings real fire into your home without a chimney, flue or power connection. However, an open fire and a highly flammable fuel require attention and correct handling. Incorrect or careless use involves a high risk.

Please read this user manual in full before using the fireplace for the first time and keep it in an easily accessible place.

If you have any questions, our team will be happy to help.

Your Wild Flame Team

CHAPTER 02

About this manual

Scope

This user manual applies to the Bioethanol Built-in Fireplace **SELECTED** (single-sided built-in fireplace for flush wall installation) in all standard widths from 60 to 200 cm and to custom-made versions of this range. It describes safe use, care and disposal. Installation is described in separate installation instructions.

Keep this manual

Keep this manual for the entire service life of the fireplace and pass it on if the fireplace changes hands. Everyone who operates the fireplace must have read it beforehand.

Related documents

- **Installation instructions** with all requirements for location, materials and clearances
- **Technical information WAVE bioethanol burner** with fill volumes, heat output and room sizes
- **Safety pictograms** for Wild Flame bioethanol fireplaces

All documents are supplied with the fireplace. We will send replacements free of charge on request.

Safety notices

Safety-related notices are marked in this manual as follows:

⚠ DANGER	Immediate hazard. Failure to observe will result in death or serious injury.
⚠ WARNING	Possible hazard. Failure to observe may result in death or serious injury.
⚠ CAUTION	Possible hazard. Failure to observe may result in minor injury.
NOTICE	Important information on property damage or correct handling.

CHAPTER 03

Intended use

Use	The SELECTED is a decorative fireplace for liquid bioethanol. It is intended exclusively for permanent, professional installation in accordance with the installation instructions and for operation in enclosed living spaces. Its main purpose is atmosphere, while it also gives off heat. It is not a main heating system and is not intended for continuous operation.
Function	The WAVE burner contains an absorbent ceramic insert that takes up the bioethanol. The wave-shaped sliding lid lets you adjust the opening and therefore the air supply continuously. When the lid is closed completely, the flames go out. Glass: safety glass at the front (12 cm high), clear glass or smoked glass.
Not intended	– Operation without complete, professional installation or with modifications to the housing or burner – Operation with fuels other than bioethanol as specified in chapter 07 – Operation outdoors, in vehicles, caravans, boats or other mobile environments – Operation in rooms smaller than the recommended room size or in unventilated rooms – Cooking, grilling, drying objects or burning waste – Operation by children or by persons under the influence of alcohol, drugs or medication
Check before use	Before use, check whether your tenancy agreement, house rules, insurance conditions or local regulations restrict open fires. This applies in particular to commercial premises such as restaurants, hotels or offices.

CHAPTER 04

Product overview and technical data

1. Steel housing with front frame
2. Combustion chamber
3. WAVE bioethanol burner with wave-shaped sliding lid
4. Safety glass (optional)
5. Operating tool for opening, adjusting and closing the burner (not shown)

Technical data by model size

Model	External dimensions W × H × D (cm)	Burner	Fill volume max. (litres)	Consumption (litres/h)	Heat output (kW)	Rec. room size* (m^2)	Weight (kg)
SELECTED 60	60 × 50 × 35	WAVE XL 30	1.7	0.34–0.57	3–4	25–40	20
SELECTED 70	70 × 50 × 35	WAVE XL 30	1.7	0.34–0.57	3–4	25–40	22
SELECTED 80	80 × 50 × 35	WAVE XL 40	2.2	0.44–0.73	3–5	25–50	24
SELECTED 90	90 × 50 × 35	WAVE XL 50	2.7	0.54–0.90	4–6	35–60	26
SELECTED 100	100 × 50 × 35	WAVE XL 60	3.2	0.64–1.07	4–7	35–70	28
SELECTED 110	110 × 50 × 35	WAVE XL 70	3.7	0.74–1.23	5–8	45–80	30
SELECTED 120	120 × 50 × 35	WAVE XL 80	4.2	0.84–1.40	5–9	45–90	32
SELECTED 130	130 × 50 × 35	WAVE XL 90	4.7	0.94–1.57	6–10	55–100	34
SELECTED 140	140 × 50 × 35	WAVE XL 100	5.2	1.04–1.73	7–11	65–110	36
SELECTED 150	150 × 50 × 35	WAVE XL 100	5.2	1.04–1.73	7–11	65–110	38
SELECTED 160	160 × 60 × 40	WAVE XXL 110	6.7	1.34–2.23	9–14	85–140	40
SELECTED 170	170 × 60 × 40	WAVE XXL 120	7.2	1.44–2.40	9–15	85–150	42
SELECTED 180	180 × 60 × 40	WAVE XXL 130	7.7	1.54–2.57	10–16	95–160	44
SELECTED 190	190 × 60 × 40	WAVE XXL 130	7.7	1.54–2.57	10–16	95–160	46
SELECTED 200	200 × 60 × 40	WAVE XXL 140	8.2	1.64–2.73	10–17	95–170	48

Burning time per filling approx. 3 to 5 hours, depending on the setting. Consumption and heat output are guide values. * Guide value for a ceiling height of approx. 2.5 m; may vary by up to 25 % depending on floor plan, insulation and ventilation. For custom-made versions or a different burner, the values of the burner actually installed apply as stated in the order confirmation.

CHAPTER 05

Safety instructions

DANGER | Risk of fire and explosion from bioethanol

Bioethanol is highly flammable. Its vapours can ignite on flames, embers or hot surfaces even at room temperature and deflagrate suddenly.

- **Never** pour bioethanol into burning, glowing or apparently extinguished flames.
- **Never** fill a burner that is still warm. After the flames have gone out, wait **at least 30 minutes** until the burner is at room temperature.
- Never overfill the burner. Wipe up any spills completely before lighting.
- Do not smoke while filling and keep all ignition sources away.

Room and ventilation

- Only operate in rooms that are at least the recommended room size shown in the table.
- Combustion consumes oxygen and produces carbon dioxide and water vapour. Ventilate the room regularly during operation and air it thoroughly afterwards.
- Do not operate in small, windowless or unventilated rooms such as bathrooms or cellars.
- Avoid strong draughts from open windows, doors, fans or air conditioners. They deflect the flames.
- We recommend a smoke alarm and a carbon monoxide alarm in the room.

During operation

- **Never leave** the burning fireplace **unattended**. Extinguish it before leaving the room or going to sleep.
- Keep children and pets away and supervise them. Children must not operate the fireplace.
- Ethanol flames are almost invisible in bright light. Before any work on the burner, check that it is really out.
- Only light with a long stick lighter. Never blow out, never extinguish with water.
- No continuous operation: let the fireplace cool down completely after each filling.
- Keep a suitable extinguishing agent within reach (chapter 16).

Heat and clearances

- The housing, glass, burner and tool become very hot during operation. Do not touch during and shortly after operation.
- Keep at least **1 m** clearance in front of the fire chamber to curtains, textiles, plants, decorations and other easily flammable objects.
- Keep at least **30 cm** clearance to furniture and non-fireproof materials.
- Do not place anything in the combustion chamber. Do not cover or obstruct the flames.
- The glass does not protect against contact. It gets hot.

Condition and modifications

- Only put into operation after complete, professional installation in accordance with the installation instructions.
- Do not carry out technical modifications or repairs yourself. Please contact us.
- Stop using the fireplace if it is damaged, deformed, leaking or if the glass is cracked.
- Do not remove or move the burner while it is burning, hot or filled.

Safety signs at a glance

You will find these signs on the enclosed sheet “Safety pictograms”. They do not replace this manual.

Highly flammable fuel
Hazard pictogram GHS02 under the CLP Regulation

Do not fill when hot
Let cool down for at least 30 minutes

No unsuitable fuel
Only bioethanol as per chapter 07

Do not ignite spills
Wipe up and let dry first

Do not obstruct the flames
Do not cover or put anything in

Do not move
Not while burning or filled

Read the manual
In full before installation and first use

Supervise
Keep children and pets away

Extinguish with the tool
Close the lid, never blow out

Store fuel safely
Cool, closed, out of reach of children

Clean correctly
Water only, no cleaning agents

Hot surface
Do not touch during and shortly after operation

No smoking
No ignition sources when handling bioethanol

Do not overfill
Fill only up to a thin film of liquid

Do not extinguish with water
Water spreads burning ethanol

No strong draughts
Avoid draughts and fans

Do not operate when impaired
Not under alcohol or medication

Ventilate the room
During and after operation

Light correctly
Only with a long stick lighter

Keep an extinguisher ready
Suitable for fire class B

Alarms recommended
Smoke and CO alarm

Keep clearance
Min. 30 cm to furniture, 1 m to textiles

CHAPTER 06

After unpacking

1. Check that all parts are complete and undamaged and that the dimensions of the housing and burner match your order.
2. Handle the glass with particular care. Only lay it on a soft surface and never on its edges.
3. Document any transport damage or deviations with photos and report them to us as soon as possible. We will arrange a replacement.
4. If you ordered bioethanol, it is delivered separately as dangerous goods.

NOTICE | Do not remove the ceramic insert

The absorbent insert in the burner looks like cotton wool and is easily mistaken for packaging material. It is a functional part. The burner must not be filled or operated without it.

CHAPTER 07

The fuel: bioethanol

Permitted

Only use liquid bioethanol with a purity of **96 %** that is intended for ethanol fireplaces. This value gives the best flame pattern and a long burner life. Bioethanol with 94 % or 95 % is also permitted but reduces burning time, heat output and flame pattern.

We recommend Wild Flame bioethanol, which is matched precisely to our burners. 96 % bioethanol from other manufacturers is also permitted.

Not permitted

- Bioethanol below 94 % or above 96 %, for example 90 %, 96.6 %, 98 % or 100 %
- Ethanol gel, fuel paste, methylated spirits with additives
- Petrol, lamp oil, paraffin, barbecue lighter fluid and all other fuels

Storage

- Store cool, tightly closed, in the original bottle and out of reach of children.
- Do not store supplies in the room where the fireplace is installed or near the fireplace.
- Observe the label and safety information on the fuel bottle.

CHAPTER 08

Filling the burner

DANGER | Risk of deflagration

Only fill a burner that has **gone out and cooled down completely**. After the flames have gone out, wait at least 30 minutes. With a cold burner there is only a brief hiss when lighting; with a warm burner a flash flame can occur.

1. Make sure that no flame is burning and that the burner is at room temperature.
2. Open the lid completely with the operating tool so that the wave-shaped slot is exposed.
3. Slowly pour the bioethanol into the slot using a funnel that is used only for bioethanol. Handy 1-litre bottles are safer than canisters without a spout.
4. Wait a few seconds in between until the fuel has soaked into the ceramic insert.
5. Stop as soon as a thin film of liquid of 2 to 3 mm stands on the insert. Never top up beyond this.
6. Wipe up spilled bioethanol immediately with an absorbent disposable cloth and let the surface dry. Let the cloth evaporate outdoors before disposing of it.
7. Close the bottle, take it out of the room and wash your hands.

CAUTION | Avoid contact with skin and eyes

Bioethanol irritates the eyes. In case of eye contact, rinse immediately with water for several minutes and consult a doctor if irritation persists. If swallowed, rinse the mouth and seek medical advice immediately.

CHAPTER 09

First use

The paint finish of your fireplace is fresh and cures with the heat during the first uses. Slight smoke and an unpleasant smell may occur briefly. This is normal and is complete after three uses at most, usually after the first or second.

During the first three uses

- Open all windows of the room fully and ensure continuous air exchange.
- Avoid staying close to the fireplace for long periods. Keep children and pets away.
- Continue ventilating for at least 20 minutes after operation.

After that, the normal ventilation instructions in chapter 05 apply.

CHAPTER 10

Before each use

- The burner is cold and the absorbent insert is evenly soaked along its entire length.
- There is no dust and there are no foreign objects on or in the burner. The flame slot and notches are clear.
- There are no fuel residues outside the burner.
- The glass is clean, undamaged and correctly fitted.
- There are no flammable objects within 1 m in front of the fire chamber.
- The room is large enough and ventilated, and there is no strong draught.
- A suitable extinguishing agent is within reach.
- Children and pets are supervised.

NOTICE | Fill completely before each use

The ceramic insert is not designed to store fuel for long periods. Bioethanol evaporates over time, especially at the surface. A partly dry insert leads to uneven flames.

CHAPTER 11

Lighting

1. Open the lid completely with the operating tool.
2. Keep your face, hair, hands and loose clothing away from the burner. Do not lean over the burner.
3. Slowly bring the flame of a long stick lighter to the edge of the slot at an angle. The bioethanol usually ignites from the rising vapours before the flame touches the burner.
4. With a cold burner and fuel at room temperature you will hear a brief hiss. The flames are only a few centimetres high and bluish at first.
5. After about 15 to 20 minutes the flames reach their full height and a golden yellow colour. Only adjust them after this. In cold rooms or with cold fuel, start-up takes longer. Bring bioethanol stored in a garage or cellar into the house the day before.

WARNING | No matches or short lighters

Only light with a long stick lighter or fireplace lighter. If the burner does not ignite, do not add more fuel; check the cause in chapter 15 instead.

CHAPTER 12

Adjusting the flames

The wave-shaped lid of the burner slides continuously back and forth. This sets the opening and therefore the air supply.

1. Insert the operating tool into the notches of the lid.
2. Slide the lid further open for larger flames and more heat, or further closed for smaller flames, lower consumption and a longer burning time.
3. Then remove the tool and put it down outside the combustion chamber.

	Lid further open	Lid further closed
Flame height and intensity	higher	lower
Heat output	higher	lower
Consumption	higher	lower
Burning time	shorter	longer

CAUTION | Risk of burns

The lid and tool become hot. Only operate the burner with the tool, never by hand.

CHAPTER 13

Extinguishing

1. Slide the lid completely closed with the operating tool. The air supply is cut off and the flames go out immediately.
2. After a few seconds, check that no flame is burning. If in doubt, darken the room to check.
3. Leave the lid closed and let the fireplace cool down.

WARNING | Never blow out, never extinguish with water

Always extinguish the fire before you leave the house or go to sleep. Do not simply let the fireplace burn out when nobody is in the room.

Gone out by itself

If the fuel is used up and the fireplace has gone out by itself, the lid is still open. Close it with the operating tool so that no dust gets into the insert, and ventilate the room for a few minutes.

Remaining fuel

Bioethanol can remain in the closed burner for 1 to 3 days without significant loss. Use it up as soon as possible. Over time it evaporates into the room air, which wastes fuel and can shorten the life of the insert. Fill completely again before the next use.

CHAPTER 14

Cleaning and care

Burning bioethanol produces neither ash nor soot. Regular servicing by a specialist is not required.

Housing and burner

- Dust regularly with a duster.
- Wipe with a slightly damp microfibre cloth.
- Use only a little clean water, no cleaning agents.

Glass

- Remove carefully.
- Clean with glass cleaner or a mild solution of water and vinegar.
- Wipe streak-free with a microfibre cloth.
- Wear gloves when refitting to avoid fingerprints.

NOTICE | Only clean when cold

- Only clean when the fireplace has cooled down completely and the burner is closed.
- Do not let water get into the burner. Do not use harsh or abrasive products.

Replacing the ceramic insert

After several years of use, the insert may darken. If the discolouration is heavy, we recommend replacing it. This is inexpensive and easy to do yourself. Replacement inserts are available from us. Wear gloves when replacing it and avoid creating dust.

CHAPTER 15

Troubleshooting

Problem	Possible cause	Remedy
Burner does not ignite or ignites slowly	Fuel or room cold, insert not sufficiently soaked, lid not fully open	Bring fuel to room temperature, open lid fully, fill completely while the burner is cold
Flames stay low and blue	Start-up phase, lid closed too far, fuel purity too low	Wait 15 to 20 minutes, open lid further, use 96 % bioethanol
Flames only along part of the length	Insert unevenly soaked, dust or foreign objects in the slot	Extinguish, let cool, clean, fill completely
Burning time much shorter	Not filled completely, lid wide open, draught	Fill completely, close lid further, avoid draughts
Smell	Curing of the paint finish, low-quality fuel, shortly after extinguishing	Ventilate well during the first three uses, change fuel, ventilate after extinguishing
Flames flicker strongly	Draught from windows, doors, ventilation or fans	Eliminate the draught
Fuel outside the burner	Overfilled or spilled	**Do not light.** Wipe up, let dry, observe the fill level in future

If a problem cannot be solved this way or the fireplace is damaged, stop using it and contact us.

CHAPTER 16

In an emergency

Suitable extinguishing agents

- **Fire blanket**, placed over a large area to smother the flames
- **CO_2 fire extinguisher**, then ventilate the room
- **Fire extinguisher for fire class B**, if foam, preferably alcohol-resistant
- ABC powder extinguishers also work but cause heavy contamination

Unsuitable

- **Water**. It spreads burning bioethanol and enlarges the fire.
- Fire extinguishers without a class B marking

Keep at least one suitable extinguishing agent within reach near the fireplace. Everyone in the household should know where it is and how it works.

In case of fire

1. If it is safe to do so, close the lid with the operating tool.
2. Extinguish burning, leaked bioethanol with a fire blanket or fire extinguisher.
3. If the fire cannot be controlled immediately: warn everyone, leave the room, close the door and call the fire brigade. **Emergency number 112** (UK 999).

Cool burns immediately with lukewarm water and have them treated by a doctor.

CHAPTER 17

Disposal

- Before disposal, let the burner burn completely empty. Never pour bioethanol into a sink, toilet or the ground.
- Recycle steel parts via a recycling centre or scrap metal collection.
- The safety glass does not belong in a bottle bank. Take it to a recycling centre.
- Dispose of the ceramic insert in accordance with local regulations for mineral waste. Wear gloves when removing it and avoid creating dust.
- Separate the packaging by material for disposal.

Regulations vary by region. Your local waste authority can provide information.

CHAPTER 18

Warranty and liability

Your statutory rights apply. Consumers in the EU are entitled to a legal guarantee of at least two years. In the United Kingdom, your rights under the Consumer Rights Act 2015 apply. These rights are not restricted by the information in this manual.

Damage caused by improper installation, failure to observe this manual or the installation instructions, unsuitable fuel or unauthorised modifications to the product does not constitute a defect of the product. The same applies to normal wear, for example discolouration of the ceramic insert.

Our liability under applicable product liability law and in cases of intent, gross negligence or injury to life, body or health remains unaffected.

Please report defects with your order number and photos to the address below.

CONTACT

Manufacturer and contact

MANUFACTURER

Wild Flame
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Email info@wildflame.nl

SERVICE

For questions about operation, spare parts such as the ceramic insert or replacement copies of these documents, contact us by phone or email.

Please have your order number ready.

WF-BA-SELECTED-EN · Edition 10/2026. Subject to technical changes and errors. The current version of this manual is available on request.