decoflame

UK

MANUAL
OUTDOOR BUILT-IN BURNER



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It is imperative that you read this manual before using the fireplace. Keep the manual in a safe place for further reference.

It is important that you read the installation and operation instructions and adhere to the safety measures described herein.

It is also important that you are aware of any local rules and regulations which might apply to the use of bioethanol fireplaces.

Decoflame ApS cannot be held responsible for any accident or damages caused as a result of non-adherance to these instructions.

Please keep the packaging of your fireplace in case it needs to be sent back to the factory.



1. PACKAGING

Upon receiving the fireplace, take notice of the following:
The fireplace can be packed in:
1) A cardboard box with polystyrene inside and placed on a pallet.
2) A wooden crate with polystyrene inside and with 50-100mm wooden support for easier handling with a fork- or pallet lift.

Damages of the packaging
Please check the state of the cardboard box or the wooden crate while the courier is still there for visible damages.

If any damages are visible on the packaging it is **EXTREMELY IMPORTANT** to write a remark about them on the delivery note, in the presence of the courier. Afterwards it is very important to contact Decoflame immediately with the following documentation:

1) Photos of all 4 sides of the pallet or wooden crate / cardboard box.
2) A description and explanation of the damage.
3) A copy or a photo of the delivery note from the driver/courier with the written remark and tracking number.

Contact the courier company immediately and inform them about the damage. Please remember to inform the tracking number.

Hereinafter Decoflame will contact you within the following 3-5 working days.

When you remove the fireplace from the pallet or take it out of the box, please follow the instructions below carefully.

Unpacking the fireplace
Lift or drive the whole box or crate as close as possible to the place where the fireplace is going to be mounted or installed.

Open the box or wooden crate carefully without causing scratches or damages.

We recommend use of drilling machine with TX20 or screw driver. Make sure that you slowly and carefully take out the fireplace and place it down on a flat surface without dropping it.

Please make sure that every item or part is wrapped out of the foam foil. If anything is missing please contact Decoflame immediately or send an email describing the missing parts together with photos of the contents in the box.

It is very **IMPORTANT** to keep the wooden crate or the cardboard, in case the fireplace will need to be returned to Decoflame for service or repair. In the situation where the original packaging is not available anymore, Decoflame can send a new wooden crate. For further information about the costs, please contact Decoflame.

DO NOT

1	**DO NOT** open the box or wooden crate with sharp objects.
2	**DO NOT** flip the cardboard box or wooden crate on the sides or on the top. The arrow stickers MUST be followed carefully.
3	**DO NOT** use a hammer or other hard objects.
4	**DO NOT** use saws or other similar objects.
5	**DO NOT** smoke near the fireplace as there might be bioethanol
6	**DO NOT** lift in the parts which are sensitive to lifting and bending.

Damages of the Fireplace
If the packaging is not damaged the wooden crate/cardboard box can be open.

If you notice any damage on the fireplace, the following information needs to be sent with Decoflame:
1) Photos of all 4 sides of the pallet / wooden crate AND the fireplace.
2) A description and explanation of the damage.
3) A copy or a photo of the delivery note from the courier with the written remark and tracking number.
4) Contact the courier and inform them about the damages.
   Please remember to inform the tracking number.
5) Contact Decoflame by email and enclose all documents according points 1-4.
   Please remember to inform the tracking number and order number (4-5 digits e.g. 6878 or 10149. The order number can be found on the delivery note from Decoflame or from your retailer).

The deadline for claiming transport damages is maximum 3 working days from the date of delivery. Thereafter, the delivery is considered flawless and accepted. Complaints in this connection can therefore no longer be invoked.

Contact information at Decoflame:

Decoflame ApS
Vang Mark 2
9380 Vestbjerg
Denmark
Tel. +45 96 30 48 00

(Opening hours: Mon-Thur. 08:00-16:00 and Fri. 08:00-15:30 Danish Time)
Email: logistic@decoflame.dk
Attention line in the email: Order number (4-5 digits).

Decoflame refers to The Generals Sales and Delivery Terms.
If any questions or doubts please contact Decoflame or local retailer.

2. SAFETY

Naturally, safety is imperative dealing with open fire. All decoflame® burners are intelligently engineered, manufactured and quality-tested in Denmark with highest product safety and user-friendliness in mind.

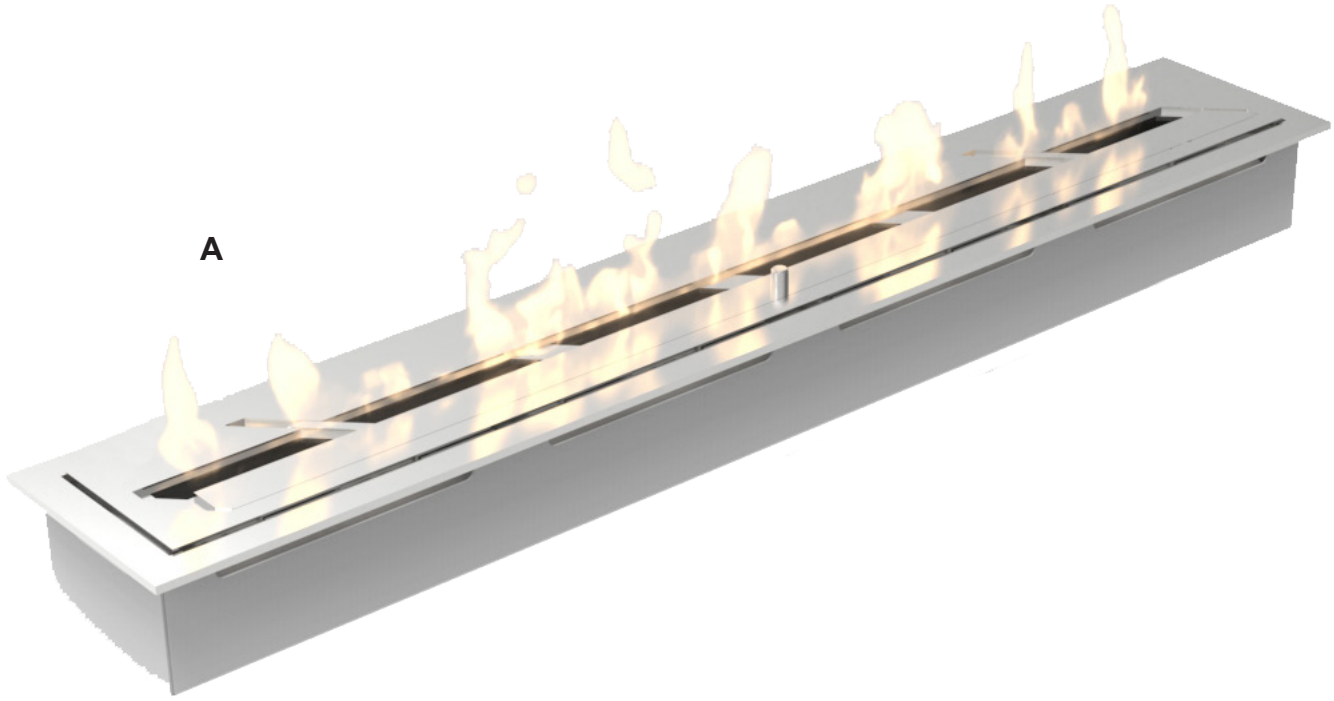
The unique and design-protected decoflame® burner which is thoroughly tested and its closing mechanism manually adjusted prior to leaving the production line. *The decoflame® burner must not be used without its matching safety chamber!*

Please strictly adhere at all times to all safety measures described in this manual.

3. CONTENT OF THE BOX

	Pcs.	Content
A:	1	Outdoor Built-in burner with lip
B:	1	Shuttertool
C:	1	Manual
D:	x	Glass - if ordered

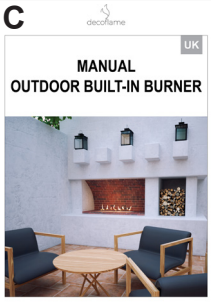
A



B



C



4. POSITIONING

Make sure to position your Decoflame® burner within its safety chamber in non-flammable surroundings in a safe place, which means a location which is not exposed to any draught, as bioethanol is a volatile fluid. No chimney or flue is required.

In fact, only the vapour of the bioethanol is burning when lit. You should not touch the flames of the lit fireplace or blow into the flames, as this can cause the flames to escape from the fireplace and they will become uncontrollable.

If the burner is exposed to draught, the flames lay down on the top of the burner which does not only make them invisible, but also leads an overheating of the burner resulting in an increased consumption of bioethanol and an undesired high combustion temperature.

Should you experience such behaviour, you must change the setting of your fireplace application.
Decoflame® Outdoor built-in burner can be placed next to each other in one custom-made safety chamber which accommodates two or more burners in a row.

CLEARANCES
Make sure that you adhere to the following clearances when incorporating your Decoflame® burner in your own fireplace creation:

ABOVE	FRONT	REAR	SIDES
600mm	200mm	200mm	1000mm



You should also keep a distance of at least 40 cm moving past the burner, as your movement may have an impact on the flames.

NB – We do not recommend to position TV-screens or valuable paintings above the fire as the upwards drifting warm air might damage those. If you intend to do so anyway, please contact Decoflame for advice.

Make sure that the cut-out into which you intend to place the decoflame® burner with safety chamber is perfectly in level and that your whole fireplace construction is made of non-flammable material.

When choosing a suitable height as position for your fireplace setting please also consider keeping it out of reach of smaller children and pets.

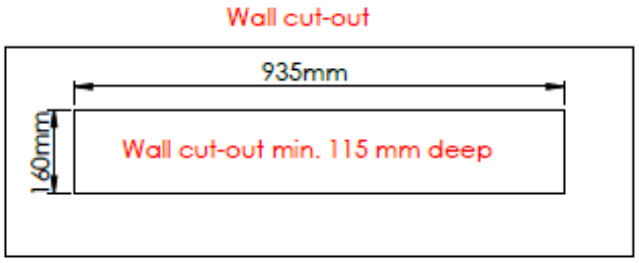
During operation of your fireplace and never leave your fireplace unattended when it is lit.
If in doubt, please contact Decoflame.

5. INSTALLATION

Walls surrounding the decoflame® burner must be covered with non-inflammable materials like fibre plaster boards (e.g. Fermacell, GypRock Fireline) or bricks.

The surface onto which or the cut-out into which you wish to place the safety chamber with burner must be perfectly in level.

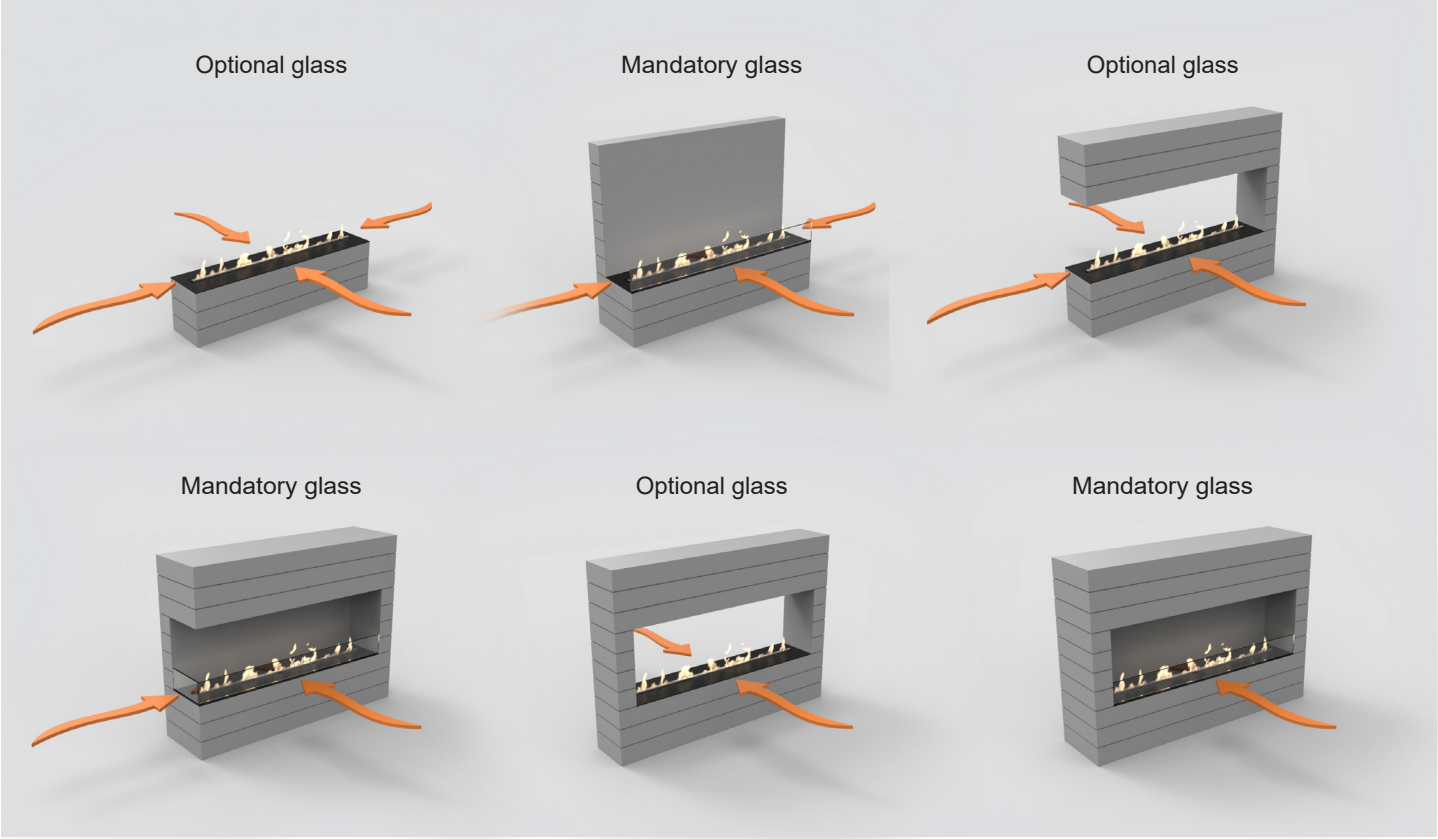
Wall cut-out for outdoor Built-in Burner 980x115x220mm:



Decoflame® built-in burners can be placed next to each other in one custom-made safety chamber which accommodates two or more burners in a row.

If the burner is ordered in another size, the dimensions on the technical drawing, received by order, must be followed.

GLASS:



Decoflame strongly recommends installing one or more glass shields in order to protect the flame from draught, while keeping it vivid.

The glass shield is available on request and can be mounted on:
1. The furniture/wall in which the fireplace is installed.
Please see above the situations where the glass is optional and where it is mandatory.

2. Glass screens can be placed directly onto the built-in burner. (Must be ordered with the biofireplace).

6. DIMENSIONS / VOLUME / HEAT OUTPUT

Outdoor Built-in Burner 980x115x220mm with 900 manuel burner

Heat effiency:	4-8 kWh
Weight:	16 kg
Burner volume:	10 litres of bioethanol. Only use bioethanol of at least 96.5% for Decoflame® fireplaces.
Burning duration/consumption:	One burner filling will last up to 7-14 hours, depending on flame intensity and air flow.

The heat efficiency of the decoflame® burners varies. However, our burners are designed mainly for decorative purpose.

ATTENTION

1	Chose a position for your fireplace which is not exposed to any draught, as bioethanol is a volatile fluid. In fact, only the vapors of the bioethanol are burning when lit.
2	Avoid draughts, as this can cause soot formation and increases the fuel consumption.
3	Make sure that you install your fireplace in a safe place, which means with a distance of at least one metre (40 in) from furniture, curtains or other inflammable objects or materials.
4	We DO NOT recommend to position TV screens or valuable paintings above the fire as the upwards drifting warm air might damage those. If you intend to do so anyway, please contact Decoflame for advice.
5	Make sure that the cut-out into which you intend to place the decoflame® burner with safety chamber is perfectly in level and that your whole fireplace construction is made of non-flammable material like Fermacell or GypRock Fireline.
6	If your installation foresees more than one decoflame® built-in burner placed next to each other in one custom-made safety chamber, you can only operate ALL burners together once you have filled them. If you wish to operate not all of the burners in your setting you must keep the ones you do not intend to light EMPTY.
7	For safety reasons always keep a safety distance of at least 40 cm (16 in) from a lit fireplace, as your movement may have an impact on the flames.
8	DO NOT place any inflammable materials or clothes in the vicinity of your burner. DO NOT place any pebbles, logs or stones or other refractory decorative items on or around the burner.
9	When choosing a suitable position for your fireplace please also consider keeping it out of reach of smaller children and pets.
10	Always light and extinguish your decoflame burner in a safe manner. ONLY adults may light and extinguish the flames.
11	You should not touch the flames of the lit fireplace or blow into the flames, as this will cause the flames to escape from the fireplace and become uncontrollable.
12	When lit, the surfaces of the upper part of the burner as well as the safety glass will be warm. Avoid touching those surfaces.
13	NEVER leave the fireplace unattended when it is lit.
14	Are there children or pets around? If so, make sure an adult keeps an eye on them at all times during the operation of your fireplace.
15	ALWAYS light and extinguish your Decoflame® fireplace in a safe manner.
16	ALWAYS have the the shutter tool and appropiate fire extinguish material nearby!

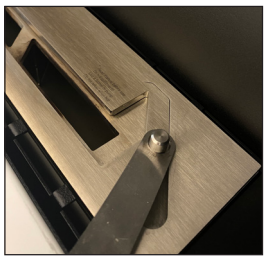






7. OPERATING INSTRUCTIONS

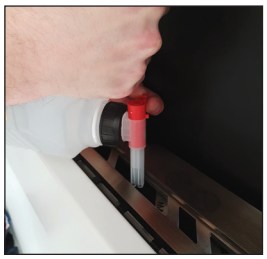
Built-in burner with lip / without lip are designed and manufactured exclusively for use with liquid bioethanol of highest purity (96.5 - 97.5%). DO NOT use any other fuel or materials or bioethanol of inferior quality as this will void your garanty.



Open slider



Filling the fireplace using a funnel



Filling the fireplace using a filling valve (Only for use om Decoflames 3 liter cans)

Filling and lightning

The fireplace must ONLY be lid up when it is cold!
NEVER light a fireplace if you have spilled bioethanol outside the burner.

1. Remove eventually safety glass and position it safely and carefully on a soft surface in order not to chip its edges.
2. Open the slider of the burner.
3. Open a bottle of bioethanol and fill the fuel into the burner opening until the liquid becomes visible to max. indicator. We recommend using a funnel or spout in order to avoid spilling and you must refill the burner to max. every time you wish to use the fireplace.
4. Use a long lighter, minimum 140mm between ignition point and handle - to light the vapours.
5. Reposition eventually safety glass.
6. Keep an appropriate distance when lighting the fireplace.
7. DO NOT smoke when filling the burner with bioethanol.
8. DO NOT – under any circumstances – refill the burner when it is in use or still hot from previous use.

IMPORTANT! Wait around 30 - 60 minutes or until you are certain that the burner has cooled down before you refill it with bioethanol.

Extinguish

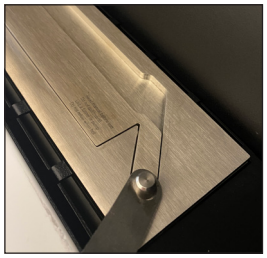
Ideally, you allow all of the bioethanol in the burner to be burnt. Should it be necessary to extinguish the fire before the burner is empty, please ONLY use the following method: place the hole in handle supplied with your fireplace on the stud of the burner lid and slide the lid to a closed position by pulling it in a continuous, decisive movement towards you. In this way, the oxygen supply is interrupted immediately and the flames are extinguished. Should you not succeed at the first attempt, do try again until the flames are extinguished.
DO NOT attempt to blow out the fire!

Should you extinguish the fire at a time when there is still bioethanol left in the burner, it is recommended that you WAIT around 30 - 60 minutes or until you are certain that the burner has cooled down BEFORE you refill it with bioethanol as described under items 1. to 8. above.

DO NOT smoke when filling the burner with bioethanol.
DO NOT – under any circumstances – refill the burner when it is in use or still hot from previous use.
DO NOT light the burner in case you have overfilled it!
Partly empty the burner and the safety chamber underneath from any excess bioethanol. Use a paper kitchen towel in order to wipe off any excess bioethanol from the burner and surrounding surfaces. Then, wash your hands thoroughly BEFORE lighting the bioethanol vapours.
DO NOT touch the glass or the metal surfaces of the burner to avoid burning as they can become warm during use.
As for all real fires - keep children away from it!

Overfilled

If overfilled, DO NOT light the fireplace.
Please be aware that the firelace must be completely cold before you can empty the fireplace of bioethanol.
If the overfillings is not violent, the excess bioethanol can be wiped up with a lint-free cloth or paper towel undtil the liquid is at the required level.
For larger overfills: Lift the burner out of its safety chamber (wear rubber gloves and reach into the burner opening grabbing its top plate) and empty part of the bioethanol into a container (bucket, bowl or similar – you can discard it into the toilet or kitchen sink and flush it away with water as it is only alcohol) until the burner is only filled up to the max. level indicator. Dry off any bioethanol from the top and the outside of the burner. Then use paper towel to dry off any liquid from the safety chamber. Re-insert the burner into the safety chamber. Remove the rubber gloves and light the burner.

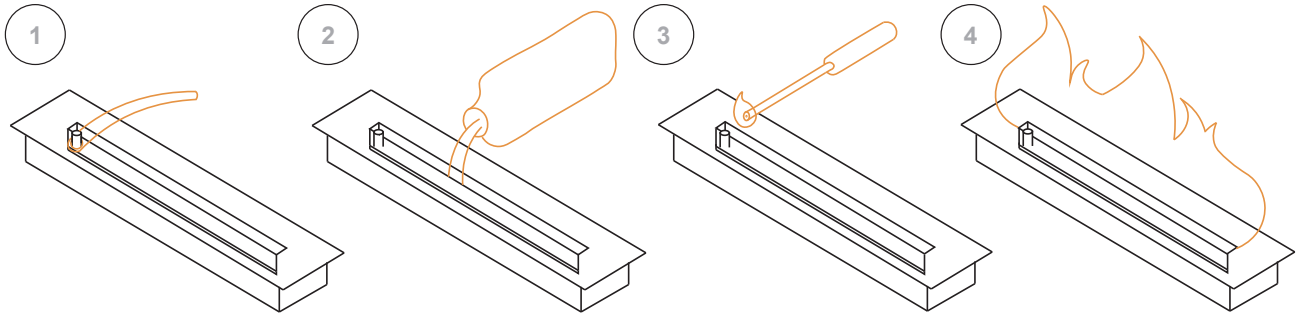


Closed slider

In case of fire follow these guidelines:

We recommend keeping the proper fire extinguisher next to the burner.
Suitable extinguishing agents: carbon dioxide CO2, dry chemical, powder, foam, chemical foam, alcohol-resistant foam, water spray. For small fires use chemical agents, carbon dioxide (CO2), water mites or alcohol resistant foam.

For larger fires use alcohol resistant foam or water spray.
Water is not effective. Do not rinse the floor with water.
Vapors can travel above the surface to the remote ignition source and cause the restart of the ignition.
Unsuitable extinguishing agents: Water jet.



8. BIOETHANOL

BIOETHANOL IS EXTREMLY FLAMMABLE!

DO NOT mix bioethanol with other fuels
Avoid contact with eyes and skin.

Bioethanol is alcohol which is made by means of fermentation of organic, sustainable and environmental-friendly raw materials such as corn, potatoes and sugar cane. This alcohol is then denatured, i.e. made unfit for human consumption. During combustion, water vapour and carbon dioxide are created.

Only the vapour of the bioethanol burns. The bioethanol boils from 78°C (172.4°F) and the flash point is 13°C (55.4°F). The bioethanol vapours are heavier than air, so it will always remain on top of the surface of the liquid bioethanol. All Decoflame fireplaces can be operated only with bioethanol of at least 96.5% but not more than 97.5%. We recommend Decoflame bioethanol, which has an alcohol percentage of 96.5%.

Storing conditions
Always thoroughly follow the instructions on the packaging of the bioethanol.
The bioethanol must be stored safely and out of reach of children.
Only store in original and correctly labeled containers. Keep containers tightly closed. Store in a cool, dry and ventilated room away from ignition sources, oxidizers and non-compliant materials. Provide preventive measures against the generation of static charge. The bioethanol must be at room tempatur before it can be ignited.

Safety measures
Preventive measures: Avoid inhalation of vapors. Avoid contact with eyes, skin and clothing. Persons who are prone to skin allergies or lung disease should not come into contact with bioethanol. We recommend that people with breathing problems or asthma consult their doctor prior to using a bioethanol fireplace. Use standard precautions for working with chemicals.

Measures to prevent fire
Due to the high flammability of the product strictly follow the special fire protection measures at the storage location. Protect containers from overheating.
Bioethanol should be stored in a fireproof container and out of reach of children.
Prevent bioethanol from coming in contact with heat, sparks and flames. Keep away from non-compliant materials such as metal or alkali.
The fireplace can be difficult to start, if it is below room tempature. Avoid draughts, as these will lead to overheating of the burner.

DO NOT

1	DO NOT use any other fuel, materials or bioethanol of inferior quality as this will void your guaranty.
2	DO NOT use any sentences or oils to your bioethanol as this will void your guaranty.
3	DO NOT mix bioethanol with other fuels as this will void your guaranty.

Denatured Bioethanol is classified as:
Flammable Liquid Class 1B (for Flammability)
Class 3 PGII (for Transportation)
UN1170 (Identification Code)
Regulated by various standards around the world.
You must familiarise yourself and comply with these regulations in order to safely and legally store, handle, decant and use this fuel.



9. MAINTENANCE

The surface of ***the materials can change with time*** due to exposure to the heat of the fire. This leads to a slight change in colour or structure. This is to be ***considered normal wear and tear*** and does not constitute a product flaw or fault.

- You can lean all parts of your burner frequently with a lint-free cloth or kitchen paper towel and a non-abrasive detergent, some bioethanol or another alcohol-based product.
- You can brush the burner's surface up every once in a while, with the enclosed 3M sponge (always brush in direction of the grain).
- Do handle eventually glass surround carefully to avoid chipping as hardened glass is especially delicate

10. DISPOSAL AND RECYCLING

The Outdoor Built-iIn Burner is made of steel and eventually glass.
If you wish to dispose of the appliance, please adhere to the regional rules and regulations.

You will find, that most parts of your Decoflame fireplace can be recycled.

DO NOT

1	DO NOT light the bioethanol if you have over filled the burner.
2	DO NOT fill the burner with bioethanol until the temperature is below 40 degrees celcius.
3	DO NOT smoke when filling the burner with bioethanol.
4	DO NOT under any circumstances – refill the burner when it is in use or still hot from previous use.
5	DO NOT attempt to blow out the fire - or blow into the flames, as this will cause the flames to escape from the fireplace and they will be uncontrollable
6	DO NOT cover the fireplace when lid.
7	DO NOT place any inflammable materials or clothes on the fireplace.
8	DO NOT place anything on top of the burner.
9	DO NOT decorate the burner with ceramic pebbles or other items as this will lead to overheating and damage to the glass surround.
10	DO NOT place any pebbles or stones on the burner as these will crack and might cause injury or damage to the fireplace.
11	DO NOT place any ceramic logs or pebbles on top of the burner as these will increase the combustion temperature, which increases the fuel consumption and might cause undesired micro-particles in the room air.
12	DO NOT place any valuable paintings or electronic equipment like TV screens or speakers above the fireplace. The warm air from the fire will rise upwards and might damage anything in its way.
13	DO NOT use the burner as a barbecue! It is not suited to roast anything.
14	DO NOT touch the flames.





IMPORTANT:

The shutter is supposed to be slightly bend - do NOT straighten!



11. SYMBOLS OF AWARENESS



Do not fill fuel into the open flame



Do not fill fuel into the hot burner



Do not touch the flames



Health hazard



Do not position the fireplace near combustible items



Protect fireplace against draft



Keep suitable extinguishing agent ready



Warning - flammable material



No smoking



Never blow the fire





Adhere to instructions about fuel and fireblanket

12. QUESTIONS AND ANSWERS

1. Where can I position the bioethanol burner?
You may position the decoflame® burner in non-flammable surroundings in any draught-free location, as no chimney or flue is required.

2. Is any kind of approval required?
Regulations and laws might vary though from country to country.
Make sure you observe these regulations and laws before you use the fireplace.

3. What to consider when installing your decoflame® burner?
Decoflame recommends that the complete surroundings are constructed of fire resistant boards like Fermacell, GypRock Fireline or another non-inflammable material. Furthermore, it is important that the safety chamber and burner are positioned perfectly in level.

4. Is the burner ready for use after unpacking?
Yes, once you have placed it safely inside its safety chamber in accordance with the instructions given herein, the only thing you need to add is bioethanol.

5. What is the best way to light the burner?
Use long fireplace matches or a fireplace lighter - minimum 140mm between ignition point and handle.

6. What should I do if I overfilled the burner?
Inside the burner/s you will notice a min. and max. level indicator.
Always fill the burner to the max. level indicator. Should you accidentally overfill the burner, the access bioethanol will be caught in the safety chamber underneath the burner. DO NOT light the fireplace!
Remove the burner from out of the safety chamber by reaching with your fingers inside the burner in order to get hold of it (it is advisable to wear rubber gloves). Empty part of the contents of the burner into a bucket (you can dispose of the bioethanol in your kitchen sink – it is only alcohol). Use paper towel in order to dry the contents of the safety chamber completely.
Reposition the burner, place the lid on top. Once your hands are clean and dry, use a long lighter or match to light the fire.

7. Is bioethanol dangerous?
No, bioethanol is neither dangerous to humans nor the environment and it is biodegradable. Bioethanol is made of organic, sustainable and environmental-friendly raw materials such as corn, potatoes and sugar cane. During combustion, water vapour and carbon dioxide are created, which can even be beneficial to your indoor plants. Make sure that you keep the fuel in a safe place out of reach of children, as it is highly flammable.

8. Is it dangerous to inhale the gas that is developed during combustion?
When burning, bioethanol is dissolved into nothing else but water vapour and CO2 (carbon dioxide). The amount of CO2 is only 0.0011%. As the combustion temperature of your bioethanol fireplace lies below 400ºC, no other harmful substances are released during combustion. Always make sure that the room in which the fireplace is situated is well ventilated (without causing a draught) in order to ensure a sufficiently high level of oxygen during operation of the fireplace – as fire consumes oxygen. Always consult your doctor prior to using a bioethanol fireplace in case you have problems with your respiratory system (asthma etc).

9. In which quantities is bioethanol supplied?
Decoflame® bioethanol is supplied in plastic containers of 1, 3 and 10 litres. In order to facilitate filling of the burner you should fill a smaller container with bioethanol and use a funnel for pouring the liquid into the burner.

10. What is the burning duration of one litre of bioethanol?
Between 2-4 hours, depending on the size of the burner/s, the room ventilation and setting of the flame intensity.

11. Does the fireplace give off much heat when in use?
The heat efficiency of the decoflame® burners varies. However, our burners are designed mainly for decorative purposes - they should only be considered as supplement to any primary heating system.

12. Can paper and wood be used as fuels on the decoflame® fireplace?
No, you may only use bioethanol of at least 96.5% but max. 97.5% purity in the burner.

13. How can the flame be extinguished when the burner is lit?
Ideally, you allow all of the bioethanol in the burner to be burnt. Should you extinguish the fire at a time when there is still bioethanol left in the burner, please ONLY use the following method: Using its handle pull the slider on top of the burner gently but in a continuous, decisive movement towards you until the burner opening is closed.

The package contains:

	Pcs.	Content	
A:	1	Outdoor Built-in burner with lip	
B:	1	Shuttertool	
C:	1	Manual	
D:	x	Glass - if ordered	

Decoflame ApS

Date

FAQ:
https://www.decoflame.com/faq

Follow the Fire Authorities and national and local requirements regarding bioethanol fireplaces.

Subject to product and glass tolerances, typographical errors and technical errors.
Decoflame ApS reserves the right to make changes without notice.
We refer to Decoflame's General Terms of Sale and Delivery.
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