

USER MANUAL MONTREAL™ WITH BIOETHANOL FIREPLACES



Montreal open front, back and 1 side



Montreal open front and back



Montreal open front and 1 side



Montreal open front



Montreal Clear

For 5 products

IMPORTANT!!!

IT IS IMPERATIVE THAT YOU READ THE ENTIRE INSTALLATION AND OPERATING INSTRUCTIONS AND ADHERE TO THE SAFETY MEASURES DESCRIBED IN THIS DOCUMENT. DECOFLAME CANNOT BE HELD RESPONSIBLE FOR ANY DAMAGE CAUSED AS A RESULT OF NON-ADHERANCE TO THESE INSTRUCTIONS.

KEEP THE MANUAL IN A SAFE PLACE FOR FUTURE REFERENCE.

PLEASE STORE THE ORIGINAL PACKAGING IN CASE YOUR FIREPLACE SHOULD BE RETURNED TO THE FACTORY FOR REPAIR.

Use **ONLY** bioethanol with a pure alcohol percentage of 96.5 - 97.5% without additives or oils.
Nor must the consistency be viscous or jelly-like - and nothing must be added to the bioethanol.
Recommended bioethanol products are attached as a separate document.

TABLE OF CONTENTS

1.	Packaging	4
2.	Content of the Box	5
3.	General Information	5
4.	Positioning and Safety	5
5.	Installation	6
	5.1 Wall Construction	6
	5.2 Preperation of Wall	7
	5.3 Reces in Cavity Wall	8
	5.4 Placement under Tv-screen	9
6.	Instruction for Montreal Casings	10
7.	Open to Front	11
8.	Open to Front and Back - 1 low and 1 tall glass	12
9.	Open to Front and Back - 2 low glasses	13
10.	Open to Front and 1 side	14
11.	Open to Front, Back and 1 side	15
12.	Montreal Clear	16
13.	Operating Instructions Denver F3	18
13.1	Operation Control Panel	20
13.2	Navigation buttons	21
13.3	Operations Remote Control	21
14.	Operating Instructions Denver F6	22
	14.1 Operating Control Panel	23
	14.2 Navigation buttons	25
	14.3 App Control	26
	14.4 Remote Control	26
15.	Troubleshooting F3 and F6	27
16.	Emptying the fuel tank	27
17.	Installation Process TV Temperature Sensor	28
18.	Maintenance	29
19.	Safety Advise	29
20.	User Instructions Manual Burner	30
21.	Maintenance	31
22.	Safety Advice	31
23.	Bioethanol	32
24.	Symbols	32
25.	Disposal and Recycling	33
26.	Wearing parts	33

1. PACKAGING

Upon receiving the Fireplace, please notice 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 immediately by the arrival and in presence of the courier for visible damages.

If any damages are visible on the packaging it is **EXTREMELY IMPORTANT** to make a report remark 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 about the damage. Please remember to inform the tracking number.

Hereinafter, you will be contacted by Decoflame within the following 3-5 working days.

When removing the fireplace from the pallet or taking it out of the box, the instructions below should be followed 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.

It is recommended to use a drilling machine with a TX20 bit or a screwdriver. The fireplace must be removed slowly and carefully and placed on a flat surface to avoid 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 by extra charge send a new wooden crate. For further information about the costs, please contact Decoflame.

Damages of the Fireplace

If the packaging is not damaged and corresponding to the images sent by Decoflame with the tracking number, the wooden crate/cardboard box can be open.

If any damage is observed on the fireplace, the following information must be provided to 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 and 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: logistics@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.

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.

2. CONTENT OF THE BOX

Montreal Casing or Montreal Clear + one burner:

- | • Manual Burner | Denver F3 | Denver F6 |
|---|-------------------------------------|-------------------------------------|
| • Purchased glass screens/glass holders | • Purchased glass/glass holders | • Purchased glass/glass holders |
| • Screws | • Screws | • Screws |
| • Spacers | • Wall plugs | • Wall plugs |
| • User manual | • Spacers | • Spacers |
| • Shutter tool | • Power cable with open-ended cable | • Power cable with open-ended cable |
| • Burner shutter | • Remote control | • Remote control |
| | • User manual | • User manual |
| | • External Fuel Pump | • External Fuel Pump |

3. GENERAL INFORMATION

These burners are designed, manufactured and quality-tested in Denmark with the highest product safety and usability in mind. Safety is imperative when dealing with open fire.

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

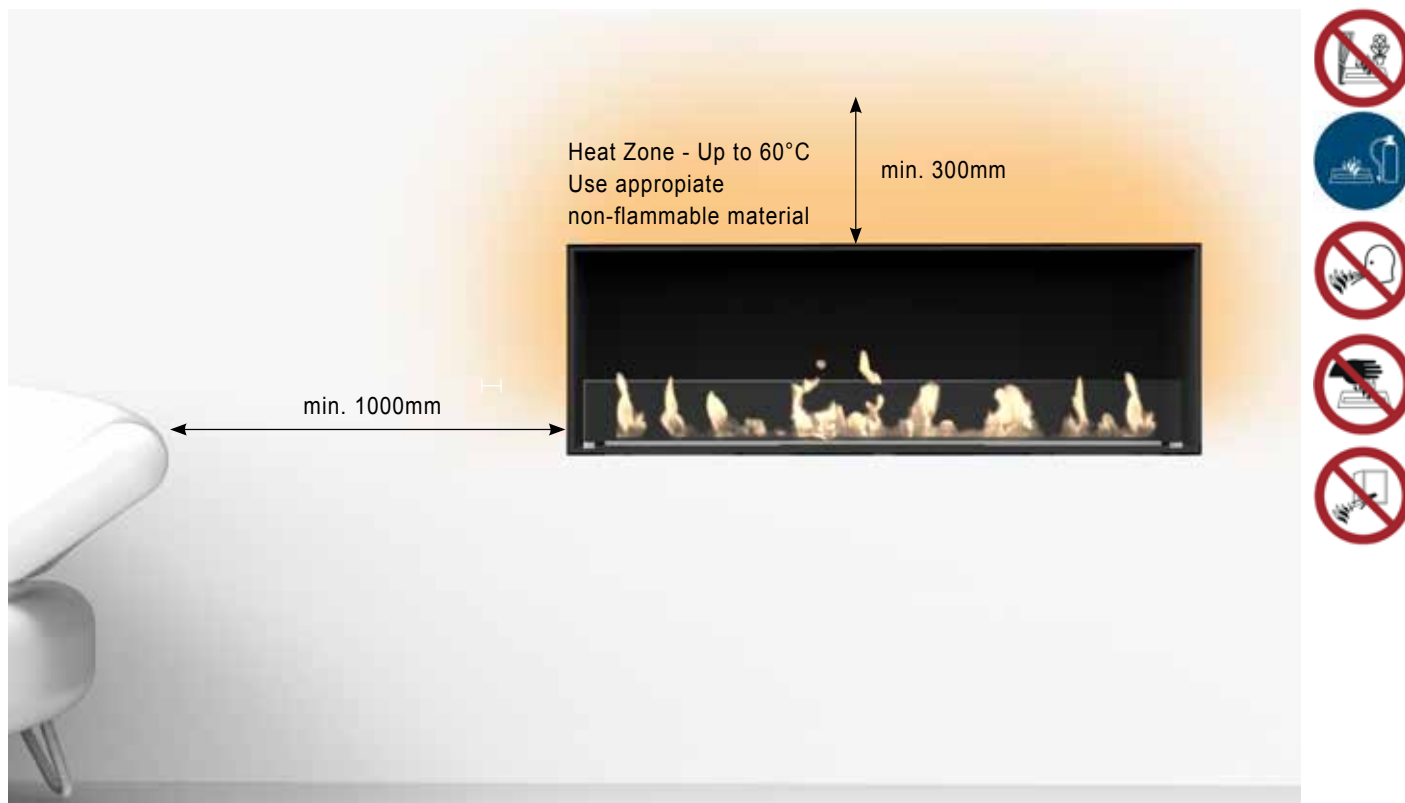
4. POSITIONING AND SAFETY

Ensure that the fireplace is installed in a safe indoor location, specifically within a wall constructed of non-flammable material, maintaining a minimum distance of 1 metre from items such as curtains or furniture, as illustrated below.

Select a position for the fireplace that is not exposed to draughts, as bioethanol is a volatile fluid. It is important to note that only the vapour of the bioethanol burns when ignited.

The flames of a lit fireplace must not be touched or disturbed by blowing into them.

Maintain a minimum clearance of 400mm when moving past the fireplace, as movement in close proximity may affect the stability of the flames.



5. INSTALLATION

Please refer to the detailed installation instructions provided with the technical drawing for the Decoflame bio fireplace. These instructions include all necessary dimensions and a step-by-step installation guide. Installation of the Decoflame bio fireplace should only be carried out after all construction and finishing work in the room has been completed to prevent damage to the fireplace, casing, or glass.

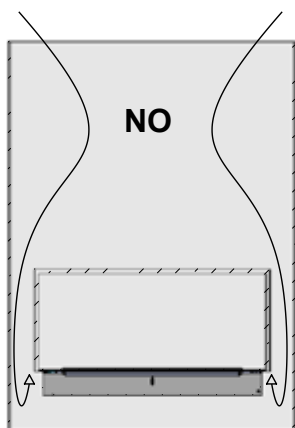
Walls surrounding the built-in bioethanol burner must be constructed from or at least clad in non-flammable materials such as plasterboard, Fermacell, GypRock FireLine, or brick.

The supports on the left and right sides within the cut-out, where the fireplace is placed, must be made from robust, non-flammable materials such as metal, concrete, or brick. These supports must be level.

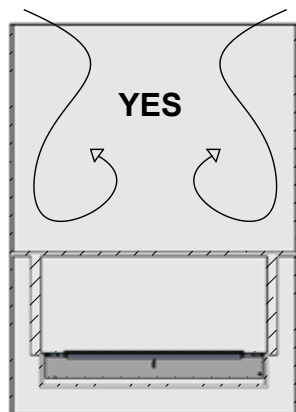
In case of uncertainty regarding the installation process or the appropriate screws for the wall type, consultation with a professional and authorized craftsman is strongly recommended to ensure correct installation.

It is important to note that electronically controlled fireplaces require a ground connection to operate. An electrical outlet should therefore be installed at the bottom of the cavity—ideally on the right side—where the fireplace is to be mounted.

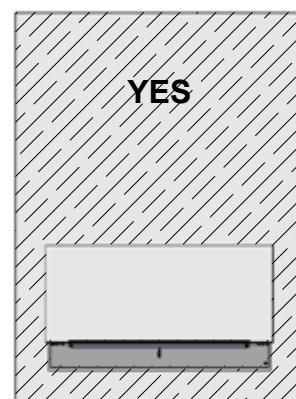
5.1 WALL CONSTRUCTION



DO NOT! install in a wall construction, which is open above and below fireplace. The warm air will cause turbulences inside this hollow construction, which will have a negative impact on the flames.



DO! install a burner in an open wall construction that is, however, closed above and below the fireplace. Ensure a sealed cavity is created for the space beneath the burner itself.



DO! Install in a solid wall (constructed from bricks, stone, or aerated concrete) using the wall cut-out dimensions specified on the previous page.

5.2 PREPERATION OF WALL

The fireplace hole must be constructed in a non-flammable material with regard to DS / EN 13501-2.

The biofireplace wall must have a BS construction. Here, the material must meet the minimum A2-s1, d0, e.g. concrete or plaster.

The fireplace hole must be hermetically sealed in both top and sides, so that false drafts cannot occur. This also applies to the cable outlet, where it is either grouted around the cable or closed with non-flammable foam.

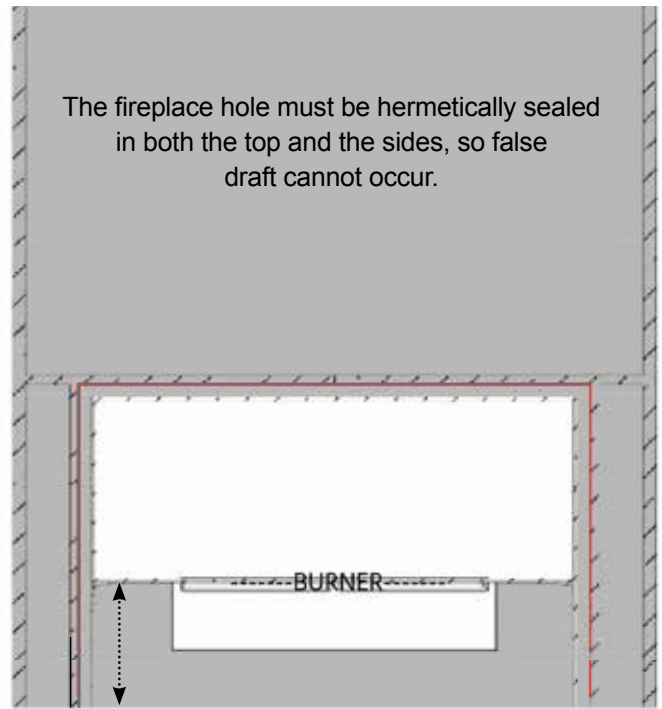
Decoflame recommends that you do NOT joint around the casing of the fireplace. The 5mm shade edge ensures that the fireplace can both ventilate and insulate, so that heat migration in the wall is minimised.

In addition, there is a risk that the joint will crack and / or discolour during time.

ATTENTION:

If you do not have space to retrofit non-combustible material, there are other possible solutions:

- Fire-retardant paint that complies with the rules for BS constructions (DS/EN 13501-2).
- Fire-retardant cloth that complies with the rules for BS constructions (DS/EN 13501-2).



The cavity wall downwards (to the floor) must be max. 1000mm and minimum 400mm in depth.

NOT APPROVED (1-4)



The hole for the burner is lined with wood.



Too much space around the wiring, must be grouted.



The fireplace wall is not secured against false draft in the sides.



The wall is not hermetically sealed at the bottom, which can cause drafts.

APPROVED (5-7)



The fireplace wall must be hermetically sealed at the top, sides, and bottom.



Space for cable and 3-pin plug (earth). Please ensure that the socket is positioned in accordance with applicable regulations.



All cross-measures must be at an angle.



The 2 walls must be in level.

5.3 RECESS IN CAVITY WALL

> PLASTER WALLS - WOOD SKELETON WALLS

The wall cut-out must be carried out in accordance with the supplied technical drawings.

Walls surrounding the built-in bioethanol burner must be constructed of, or at least covered by, non-flammable material such as fiber gypsum boards (eg Fermacell, GypRock FireLine) or brick.

Important: The cavity above the fireplace MUST be hermetically sealed and also under the bio fireplace. (Make a cavity wall division just above the top of the fireplace)! Internal socket and cable glands must be grouted so that everything is hermetically sealed due to false draft. If there is a cavity wall above the bio fireplace, this must also be hermetically sealed.

> STONE / BRICK WALL

The cut-out must be made according to the handedout drawings. Brick wall is considered to be of non-flammable material.

> IN GENERAL

Make sure the notches in the wall and the support of the left and right sides under the baseplate of your electronical burner, is level and all corners of cutouts are at a 90° angle. Use a spatula, metal or straightening rail to achieve straight edges on the hole.

For specific dimensions, please refer to the detailed technical drawing from Decoflame. If in doubt, please contact your Decoflame Retailer or Decoflame.

If the bio fireplace is installed in a room with a wooden ceiling or similar material, it must be ensured that the distance between the top of the fireplace and the ceiling is at least 1 meter. When choosing the height placement of the bio fireplace, one must take into account small children and pets.

During operation, the surfaces of the bio fireplace on the upper part of the fireplace as well as any glass will be hot, as the heat rises up- and outwards. If there are children or pets in the house, an adult should always keep an eye on them while operating the bio fireplace and never leave the biofireplace unattended when it is lit.

> RECESS INSTALLATION PROCESS

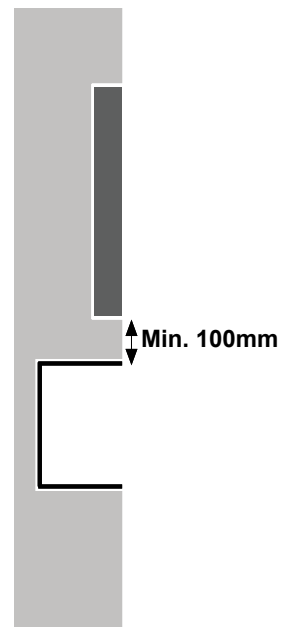
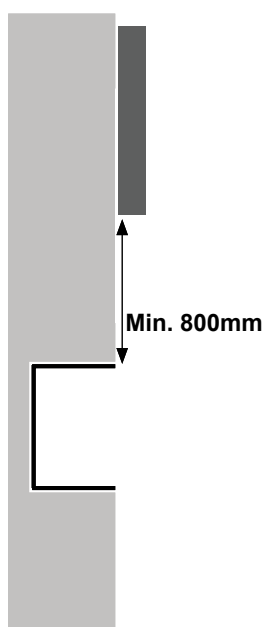
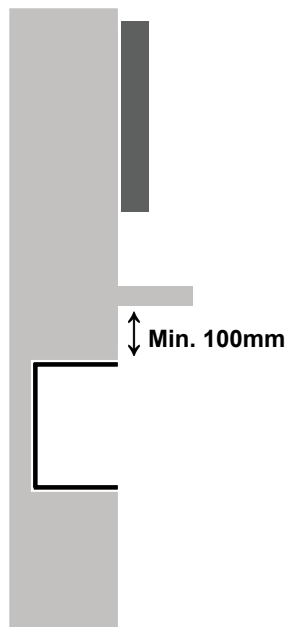
1. The body of the fireplace is positioned and centred within the wall cut-out. Secure a perfect 5mm gap all the way along the top, bottom and sides. Make sure that the edges of the fireplace are kept flush with the edges of the wall cut-out.
2. Attach the body of the fireplace into the wall cut-out with the following screws. The amount of screws needed for the body, will depend on the size of the casing.
3. For details about installation, please go to page 10-15.



5.4 PLACEMENT UNDER TV-SCREEN

NB: We **DO NOT** recommend placing TV-screens or valuable paintings above the fireplace as the upwards drifting warm air might damage those.

Should you still want to create a setting incorporating a TV-screens above the fireplace, please follow the instructions below or ask Decoflame for further advice.



6. INSTRUCTION FOR MONTREAL CASINGS

The DecoFlame® Montreal casing has various layouts, which allows a view of the flames from one, two or three sides. Below you will find general information for the models.



Open to front with Manual Burner, Denver F3 or Denver F6

- One glass = 2 glass holders.
- All glass holders are positioned on the casing upon delivery.
- There must be placed bearers at the back of the hole made of NON-combustible material. This is because the back of the fireplace needs something to rest on. Please note that the bearers - like the hole - must be level.
- Spacing pieces: 3



Open to front and back with Manual Burner, Denver F3 or Denver F6

- Two low glasses = 4 glass holders.
- All glassholders are positioned on the casing upon delivery.
- Distance pieces: 3
- One low and one high glass = 6 glass holders.
- 2 glass holders for the top and 4 for the bottom
- Spacing pieces: 3



Open to front and 1 side with Manual Burner, Denver F3 or Denver F6

- 2 low glasses = 5 glass holders. One of which is an angle holder.
- All glass holders are positioned on the casing upon delivery.
- Spacing pieces: 5



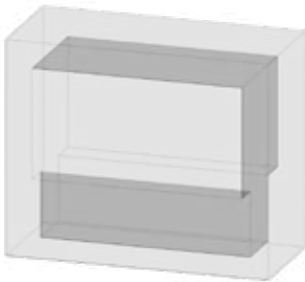
Open to front, back and one side with manual burner, Denver F3 or Denver F6

- 3 low glasses = 4 glass holders. Two of which are angle holder.
- All glass holders are positioned on the casing upon delivery.
- Spacing pieces: 8

7. OPEN TO FRONT

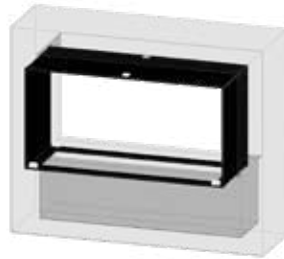
1. Wall

Check that the precautions from the technical drawings supplied with the burner have been complied with before the installation begins. The hole must be level!



2. Distance piece

Place the casing centred inside the wall cut-out resting on the supports to the left and right. Make sure there is a 5mm gap to the left and right and above the casing. Now place the spacing piece between casing and wall at the top.



3A. Manual Burner

Lift the burner into the fireplace taking care not to scratch the paint on the sides. Now place the burner inside the safety chamber, hereafter its slider lid on top of the burner opening.



3B. Denver F3 / Denver F6 / Hybrid Mist

Lift the burner towards the hole taking care not to scratch the paint or the surface of the hole. Now connect the fireplace to power and finally place the burner inside the hole.



5. Glass

Place the glass in the glassholders - make sure that it is centred in the width of the opening of the fireplace.



6. Completed

The fireplace is now installed and ready for use. Fill the burner according to the model.



8. OPEN TO FRONT AND BACK - 1 LOW GLAS AND 1 TALL GLAS

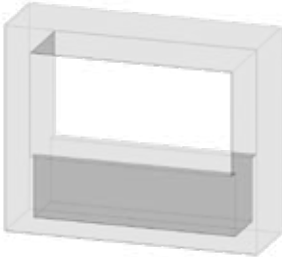
1. Wall

Check that the precautions from the technical drawings supplied with the burner have been complied with before the installation begins. Make sure power is installed inside the hole.

Attention:

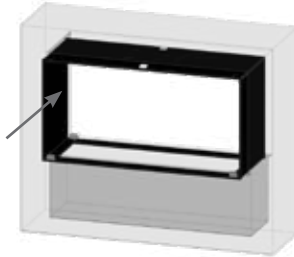
Brown = Hot / Blue = Neutral

Yellow or green = ground



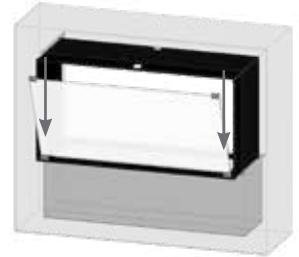
2. Casing

Place the casing in the hole, ensuring that the side intended for the tall glass extends 2-3 cm beyond the edge. The two lower glass holders (for the tall glass) are adjustable. The two glass holders for the short glass are fixed and should not be loosened.



3. Tall glass

Next, place the tall glass in the lower glass holders. Ensure that the glass is centred within the casing. Position the two glass holders that need to be secured at the top on the edge of the glass.



4. Secure glass

Push the glass into place and secure the glass holders.

ATTENTION: The upper glass holders are positioned with the threaded hole inward.



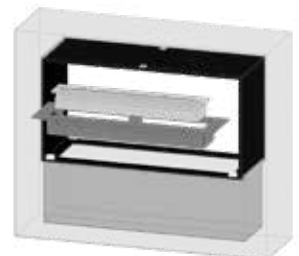
5. Place Casing

Next, insert the casing into the hole and center it longitudinally. The 4 mounting screws at the bottom are attached. Spacers are placed around the screws, and while it is centered, screw them tight. Center the tall glass in relation to the lower glass holders and adjust the upper glass holders according to the glass. Then, the 2 upper screws in the casing are mounted, add spacers and tighten the screws.



6A. Manual Burner

Lift the burner into the fireplace taking care not to scratch the paint on the sides. Now place the burner inside the safety chamber, hereafter its slider lid on top of the burner opening.



6B. Denver F3 / Denver F6 / Hybrid Mist

Lift the burners into the fireplace taking care not to scratch the paint on the sides. Connect the fireplace to power. Now place the burner carefully inside the casing and hole.



7. Low glass

Finally, place the low glass in front of the casing.



ATTENTION: POINT 2 AND 3

The glass holders must be positioned and oriented correctly to allow proper insertion of the glass. Please follow the illustration below.

Glass holder for top mounting:



Glass holder for mounting in the baseplate:



ATTENTION: POINT 5

You can use a wedge between the side of the casing and the wall to gently adjust the glass into the correct position - centered between the glass holders.

9. OPEN TO FRONT AND BACK - 2 LOW GLASSES

1. Wall

Check that the precautions from the technical drawings supplied with the burner have been complied with before the installation begins. Make sure power is installed inside the hole.

Attention:

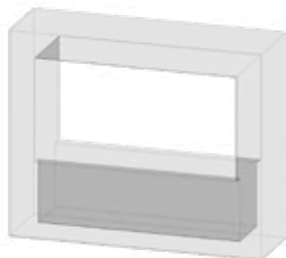
Brown = Hot / Blue = Neutral

Yellow or green = ground

2. Place Casing

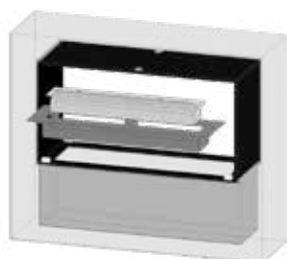
Place the casing centred inside the wall cut-out resting on the supports to the left and right. Make sure there is a 5mm gap to the left and right and above the casing. Now place the distance piece between casing and wall at the top.

The 4 mounting screws at the bottom are installed. Spacers are placed around the screws, and while it is still centered, it is screwed tight. Then, the 2 upper screws in the casing are mounted, and spacers are added and tightened.



3A. Manual Burner

Lift the burner into the fireplace taking care not to scratch the paint on the sides. Now place the burner inside the safety chamber, hereafter its slider lid on top of the burner opening.



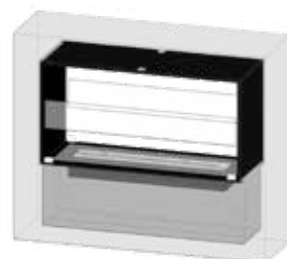
3B. Denver F3 / Denver F6 / Hybrid Mist

Lift the burners into the fireplace taking care not to scratch the paint on the sides. Connect the fireplace to power. Now place the burner carefully inside the casing and hole.



4. Glass

Place the glass in the glass holders - make sure that it is centred in the width of the opening of the fireplace.



10. OPEN TO FRONT AND 1 SIDE

1. Wall

Check that the precautions from the technical drawings supplied with the burner have been complied with before the installation begins. The hole must be level!

Attention:

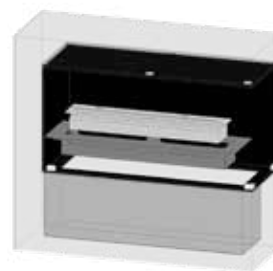
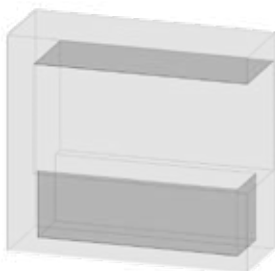
Brown = Hot / Blue = Neutral
Yellow or green = ground

2. Distance Piece

Place the casing centred inside the wall cut-out resting on the supports to the left and right. Make sure there is a 5mm gap to the left and right and above the casing. Now place the distance piece between casing and wall at the top.

3A. Manual Burner

Lift the burner into the fireplace taking care not to scratch the paint on the sides. Now place the burner inside the safety chamber, hereafter its slider lid on top of the burner opening.



3B. Denver F3 / Denver F6 / Hybrid Mist

Lift the burner towards the hole taking care not to scratch the paint or the surface of the hole. Now connect the fireplace to power and finally place the burner inside the hole.

4. Glass

Place the glass in the glass holders - make sure that it is centred in the width of the opening of the fireplace.

5. Completed

The fireplace is now installed and ready for use. Fill the burner according to the model.



11. OPEN TO FRONT, BACK AND 1 SIDE

1. Wall

Check that the precautions from the technical drawings supplied with the burner have been complied with before the installation begins. The hole must be level!

Attention:

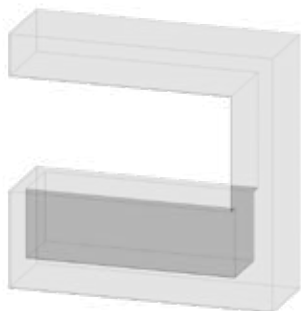
Brown = Hot / Blue = Neutral
Yellow or green = ground

2. Distance piece

Place the casing centred inside the wall cut-out resting on the supports to the left and right. Make sure there is a 5mm gap to the left and right and above the casing. Now place the distance piece between casing and wall at the top.

3A. Manual Burner

Lift the burner into the fireplace taking care not to scratch the paint on the sides. Now place the burner inside the safety chamber, hereafter its slider lid on top of the burner opening.



3B. Denver F3 / Denver F6 / Hybrid Mist

Lift the burner towards the hole taking care not to scratch the paint or the surface of the hole. Now connect the fireplace to power and finally place the burner inside the hole.

4. Glass

Place the glass in the glass holders - make sure that it is centred in the width of the opening of the fireplace.

5. Completed

The fireplace is now installed and ready for use. Fill the burner according to the model.



12. MONTREAL CLEAR

The installation of Montreal Clear in the external wall of the building requires correct execution. Please follow the instructions below.

Fireplace from outside



Fireplace from inside



Montreal Clear with Manual Burner, Denver F3 or Denver F6

- One thermo glass (Inserted in the casing)
- One low glass and 2 glass holders
- Spacing pieces: 10 pcs. in 5mm + 5 in 1,5mm
- Screws: 3 pcs.
- Wall plugs: 3 pcs. 6mm.

MONTREAL CLEAR CASING

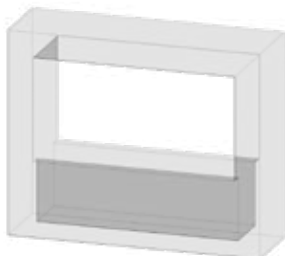
1. wall

Ensure that the specifications in the technical drawings supplied with the burner are adhered to before starting the installation. Ensure that the power connection is installed inside the opening.

Attention:

Brown = Hot / Blue = Neutral

Yellow or green = ground



2. casing

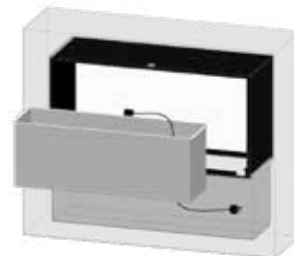
Place the casing in the centre of the hole. Spacers must be fitted between the wall and the pipework.

Ensure that the casing is level in both length and depth. Then secure the housing with the screws supplied - 2 at the bottom and 1 at the top.



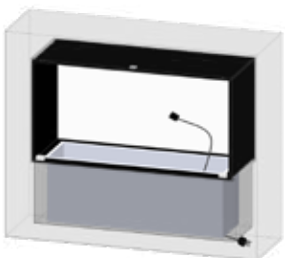
3A. Collection box in the cavity

There must be a junction box for the power connection at the bottom of the cavity. Before setting up the safety chamber, it must be connected to the socket in the cavity.



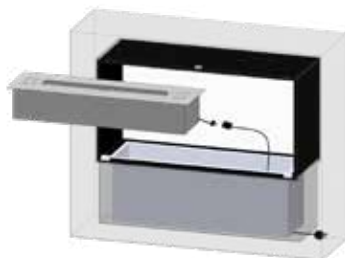
3B. Safety chamber

The safety chamber is then installed. Ensure that the cable is pulled as far as possible into the safety chamber.



4 Denver F3 / Denver F6 / Hybrid Mist

Lift the burners into the fireplace, taking care not to scratch the paintwork on the sides. Connect the fireplace to the power supply. Now carefully insert the burner into the housing and the opening.

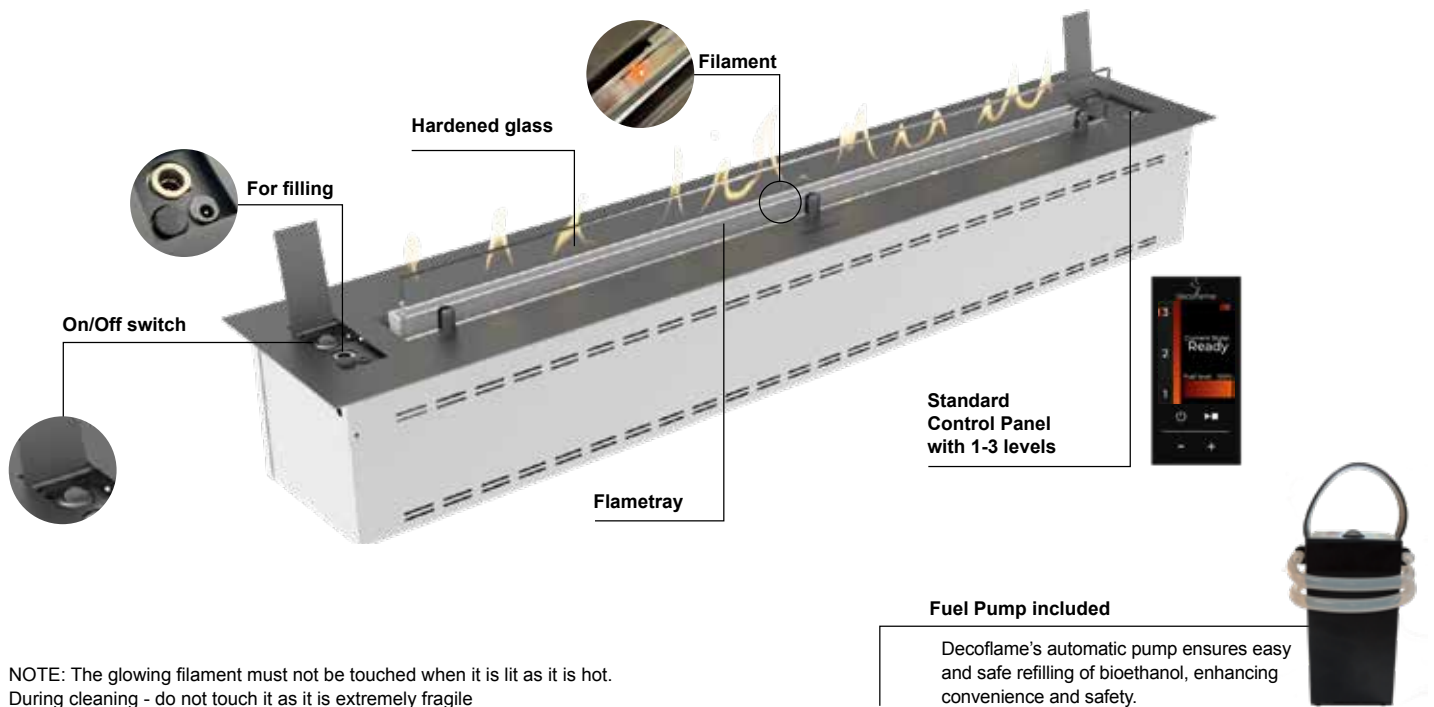


5. Glass

Finally, the low glass is fitted in front of the burner.



13. OPERATING INSTRUCTIONS DENVER F3



ONLY ADULTS MAY OPERATE THE ELECTRONICS OF THE DECOFLAME DENVER F3™.

> TURN ON

Turn on the power connection to your Denver F3™ by pressing the  button.



> FILLING (Alcohol percentage 96.5% to max. 97.5%).

Open the cover of the fuel supply, insert the quick coupling and then the power plug from the pump.



During refueling, the lines indicating the fuel level will gradually rise, indicating that the filling process must stop. The pump stops automatically when the tank is full. Disconnects after filling is complete.

You can now start the fire by pressing the start button  on the control panel.

Scan QR code for procedure:



The glow lighter starts to glow and heat the bioethanol. After approx. 3-5 minutes flames appear. Do not touch the glow plug when the bio fireplace is on, as it gets hot.

After 10 minutes of flames, the fireplace is operationally warm. Until then, the flame height of the bio fireplace must NOT be regulated. Be careful not to touch the glow plug as it is fragile and hot.

ATTENTION!:

1. You can not fill the tank as long as the fireplace is running.
2. The ignition process does not start if it is detected that the pump is still connected.
If you try to connect the pump while the fireplace is running, it will shut down.
3. You can first start the filling process when the fireplace is less than 100% full.
4. Bioethanol must NOT be poured onto a hot biofireplace - or into the flames.
5. Do NOT smoke while filling bioethanol, or near it

> REFILLING

The fuel level indicator on the display will show the current fuel level. If the flametrays and evaporator is cool, the pump will be active for refilling. This is indicated on the display as the current state will toggle between "Ready" and "Pump ON"



Avoid turning off the power to the biofireplace. Connect the quick coupling from the pump first.

> START

Press the button  on the control panel. After approx. 3. minutes you can see the first flames around the center of the flame-tray. After this, it will take approx. 3. minutes until the fireplace heats up and the full width of the burner tube is filled with flames.

When the flametray shows flames across its entire width, the flames burn at the pre-set level.

You can change the flame level by pressing the +/- buttons on the control panel.

Once you have changed the flame level, wait 10 min. from the first flame before adjusting it further down or up to give the system the necessary time to react to the flame changes.

The control panel will go into standby mode (the lights on the control panel will turn off) if the flame level has not been changed for three minutes. To reactivate the control panel, simply press the  OR +/- button.

> SWITCH OFF

To turn off the fire - which also applies during the heating phase - press the button  on the control panel.

The flames will then be extinguished within a few minutes.

You can now leave the power supply on standby without pressing any further buttons. You can also restart the flames as described above immediately.

> SWITCH OFF THE BIO FIREPLACE

To turn off the bio fireplace's power supply, press the button  on the control panel.

> UNWANTED INTERRUPTION OR POWER FAILURE

If you happen to press the button  and turn off the power supply by accident - or if you experience a power cut while the flames are still lit - the fireplace will turn off and the flames will disappear in a few minutes.

You can start the flames again as described above (when the power supply is back to normal). The heating phase is shortened if the burner is still hot from its previous ignition.

> SECURITY SYSTEM

The burner has a built-in safety system which means that the pump does not receive power until the fireplace is cold enough. Furthermore, the fireplace will monitor various temperatures. If these fall outside of the norm the fireplace will shut it selves off.

A spill sensor is built into the fireplace, which prevents it from switching on if a spill is detected.

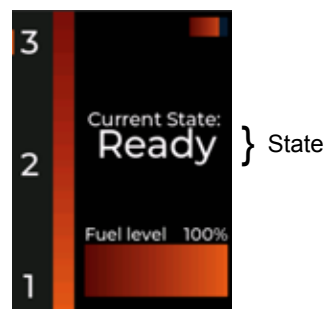
> BIOETHANOL (FUEL)

Biofireplaces from Decoflame are designed and manufactured exclusively for use with bioethanol with a high alcohol percentage (96.5% to max. 97.5%).

DO NOT USE other fuel, other materials, lower quality bioethanol, or bioethanol containing oils and fragrances, as this will void your warranty. Bioethanol can be bought in specialist shops or on the internet - feel free to ask Decoflame for advice and recommendations.

13.1 OPERATING CONTROL PANEL

Ready	The fireplace is ready to be lit.
Pump on	The filling pump is active and can fill the fireplace.
Fire on	There is a flame in the fireplace and it has completed its start-up process.
Error	There is an active error. Refer to the error conditions section for more information.
Unknown	There is an error, but it is not known. Contact your nearest dealer.
Starting	The fireplace is in the start-up process and will then switch to “Fire On”



> HOW TO SET THE TIMER THROUGH THE FIREPLACE DISPLAY:

While the fireplace is running follow the instructions below.

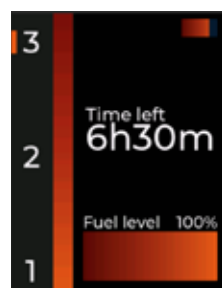
1. Navigate to the timer display by pressing the left button on the remote control.
2. Choose the preferred time interval by pressing the up and down button while on the timer screen.
3. When the correct time is highlighted in red, press the OK button to activate the timer.
4. The fireplace will switch over to the main page showing the active timer.

> WALKTHROUGH OF THE SCREENS



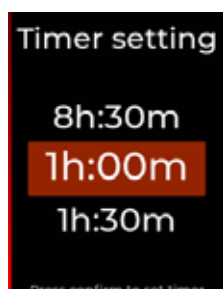
Boot screen

The boot screen will show the name of the fireplace. Furthermore a unique ID will also be present. Finally the firm-ware version on the fireplace will also be present.



Main screen

The main screen has the available flamelevels on the left side. The selected flamelevel will be highlighted on both sides of the current flamelevel. If a timer is active this will be visible on the center of the display, with the current time remaining. At the bottom a fuel level indicator is shown. At the top right corner the battery level indicator is shown indicating the current battery level of the remote.



Timer screen

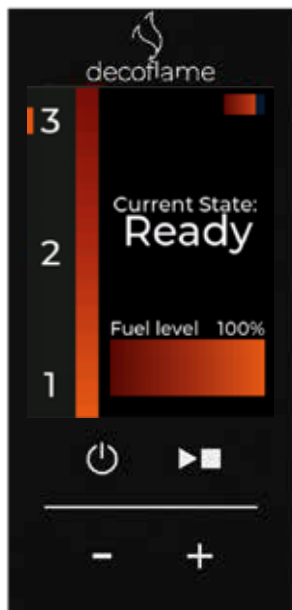
The timer screen shows the available timer options to choose from and highlights the currently selected timer option.

13.2 NAVIGATION BUTTONS

This device features four buttons that control various functions:

Increase Flame Level / Decrease Flame Level / Power / Play.

> DETAILED DESCRIPTION OF EACH BUTTON'S FUNCTION:



> Power Button (⏻)

- Short Press: Turns the device on or off.
- Long Press (10 seconds): Disconnects the remote and restarts the fireplaces controllers.

When the Power button is pressed and then released, the device will either turn on or off, depending on its current state.

If the button is held down for more than 10 seconds, the remote control will be disconnected and the controllers will restart.

> Start/stop (▶■)

- Short Press: Toggle the fire.
- Long Press (5 seconds): Resets BLE (Bluetooth Low Energy).

When the Play button is held down for more than 5 seconds, BLE will be reset.

This can be useful if there are communication issues with the device.

A short press of this button will toggle the fire either ON or OFF.

> Decrease flame level (-)

- Short Press: Decreases the flame level.
- Long Press: Not used.

When the Decrease Flame Level button is pressed and then released, the flame level decreases by one step.

This action is only performed if the button has been pressed for a short duration.

> Increase flame level (+)

- Short Press: Increases the flame level.
- Long Press: Not used.

When the Increase Flame Level button is pressed and then released, the flame level increases by one step.

This action is only performed if the button has been pressed for a short duration.

13.3 OPERATING REMOTE CONTROL

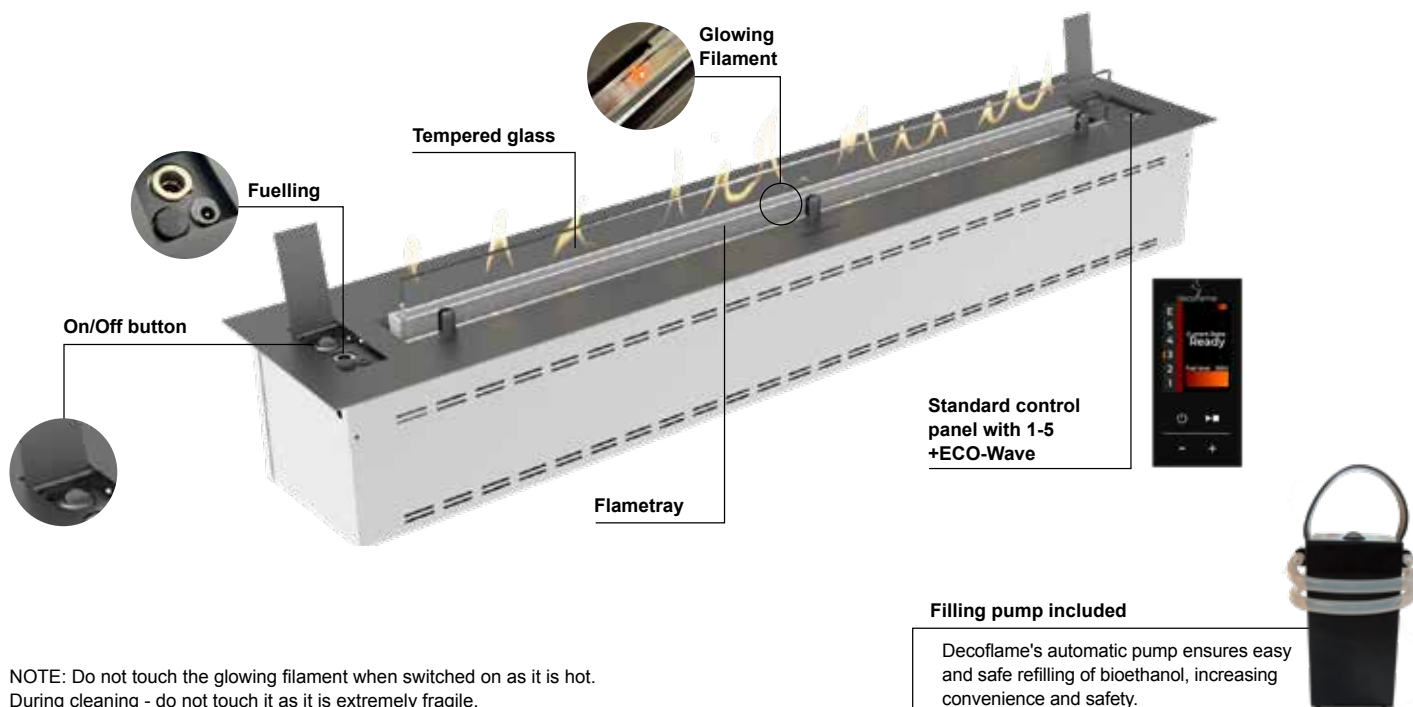
Remote control: Bluetooth Low Energy (BLE)



ATTENTION:

If you want to turn off all the electronics, press the  button on the control panel.

14. OPERATING INSTRUCTIONS DENVER F6



ONLY ADULTS MAY OPERATE THE ELECTRONICS OF THE DECOFLAME DENVER F6™.

> SWITCH ON

Switch on the power connection to your Denver F6™ by pressing the button.



> FILL (ALCOHOL PERCENTAGE 96.5% TO MAX 97.5%).

Open the fuel supply cover, insert the quick connector and then the power connector from the pump.

Open the fuel supply cover, insert the quick coupling and then the power plug from the pump.



During refuelling, the lines indicating the fuel level will gradually increase, indicating that the refuelling process should stop. The pump stops automatically when the tank is full. Switch off after refuelling is complete.

Now start the fire by pressing the start button ► on the control panel.



Scan QR code for procedure:

The glow filament starts to glow and heats the bioethanol. After about 3-5 minutes, flames will appear. Do not touch the glow igniter when the bio fireplace is switched on as it gets hot and is fragile.

After 10 minutes of flames, the fireplace is operationally hot. Until then, DO NOT adjust the flame height.

ATTENTION:

1. Do not refill the tank while the fireplace is in operation.
2. The ignition process will not start if it is detected that the pump is still connected.
If the pump is switched on while the fireplace is running, the fireplace will shut down.
3. The filling process can only start when the fireplace is less than 90% full.
4. Do NOT pour bioethanol on a hot bio fireplace - or into the flames.
5. DO NOT smoke while filling bioethanol, or near it.

> FILLING

The fuel level indicator on the display shows the current fuel level. If the flame tube and vaporiser are cool, the pump will be ready for a refill of bioethanol.

This is shown on the display as the current state switches between 'Ready' and 'Pump ON'

Avoid switching off the power to the bio fireplace - connect the quick coupling from the pump first.

> START

Press the button ►■ on the control panel. After about 3 minutes you will see the first flames around the centre of the fire tube. It will then take about 3 minutes until the fireplace heats up and the full width of the fire tube is filled with flames.

When the fire tube shows flames across its entire width, the flames will burn at the pre-set level.

Change the flame level by pressing the -+ buttons on the control panel.

After changing the flame level, wait 10 min. from the first flame before adjusting it further downwards or upwards to give the system the necessary time to react to the flame changes.

The control panel will go into standby (the lights on the control panel will switch off) if the flame level has not been changed for three minutes. To reactivate the control panel, simply press the ►■ OR -/+ button

> SWITCH OFF

To switch off the fire - which also applies during the heating phase - press the ►■ button on the control panel.

The flames will extinguish within a few minutes.

Leave the power supply on standby without pressing any additional buttons. It is also possible to restart the flames as described above immediately.

> SWITCH OFF THE BIO FIREPLACE

To switch off the bio fireplace power supply, press the ⏻ button on the control panel.

> UNWANTED DISCONNECTION OR POWER FAILURE

If the button ⏻ is accidentally pressed and the power supply is switched off, or in the event of a power cut while the flames are still lit, the fireplace will switch off, and the flames will disappear within a few minutes.

Restart the flames as described above (when the power supply is back to normal). The heating phase will be shortened if the burner is still warm from its previous ignition.

> SAFETY SYSTEM

The burner is equipped with a built-in safety system, which means that the pump will not receive power until the fireplace has cooled down sufficiently. In addition, the fireplace monitors different temperatures and if these deviate from normal, the fireplace will automatically switch off. There is also a spill detection system built into the fireplace that prevents it from switching on if a spill is detected.

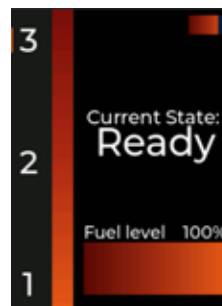
> BIOETHANOL (FUEL)

Decoflame bio fireplaces are designed and manufactured exclusively for use with high alcohol bioethanol (96.5% to max 97.5%).

DO NOT use any other fuel, other materials, lower quality bioethanol, or bioethanol containing oils and odours as this will void your warranty. Bioethanol can be purchased in specialised stores or online - please ask Decoflame for advice and recommendations.

14.1 OPERATING CONTROL PANEL

Ready	The fireplace is ready to be lit
Pump on	The filling pump is active and can fill the fireplace
Fire on	There is a flame in the fireplace and it has completed its start-up process.
Error	There is an active error. See the section on error conditions for more information.
Unknown	There is an error, but it is not known. Contact your nearest dealer.
Starting	The fireplace is in the start-up process and will then switch to 'Fire On'



> HOW TO SET THE TIMER

The fireplace has two ways to set the built-in timer.

> THROUGH THE FIREPLACE DISPLAY:

While the fireplace is in operation, follow the instructions below.

- Navigate to the timer screen by pressing the left button on the remote control.
- Select the desired time interval by pressing the up and down buttons while on the timer screen.
- When the correct time is highlighted in red, press the OK button to activate the timer.
- The fireplace will switch to the main page where the active timer is displayed.

> SETTING THE TIMER WITH THE BLUETOOTH APP



1. Navigate to the Main screen

Start by opening the control panel for your fireplace and navigate to the main screen.
(Refer to the image for instructions)



2. Access the timer

Find the clock in the bottom right corner of the screen and tap it.
(See the highlighted clock icon in the image)



3. Set the timer

You are now on the timer screen. Use the slider to select the desired time.
Once the time is set, click 'Set Timer'.
(Check the image to see where you adjust the time)



4. Confirm that the timer is set

An indicator will appear on the main screen showing that the timer is active.
(The image will show what this indicator looks like)



5. Watch the timer

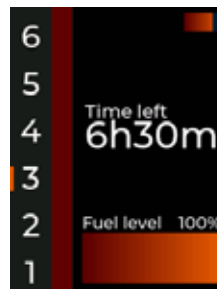
Next to the clock icon, the set timer will be visible.
When it counts down, your fireplace will switch off automatically.
(See image to understand how the timer is displayed)

> REVIEW OF DISPLAYS



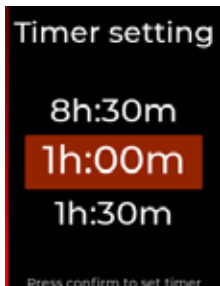
Boot sceen

On the boot screen, the name of the fireplace is displayed. In addition, a unique ID will also be present. Finally, the firmware version of the fireplace will also be visible.



Main Screen

The main screen shows the available flame levels on the left side. The selected flame level will be highlighted on both sides of the current flame level. If a timer is active, this will be visible in the centre of the screen along with the remaining time. At the bottom a fuel gauge is shown. In the top right corner, a battery indicator is shown, indicating the remote control's current battery level.



Timer Screen

The timer screen shows the available timer settings to choose from and highlights the currently selected timer setting.

14.2 NAVIGATION BUTTONS

This device has four buttons that control different functions:
Increase flame level / Decrease flame level / Power / Start-stop.

Detailed description of each button's function:



> Power (⏻)

- Short press: Turns the device on or off.
 - Long press (10 seconds): Switches off the remote control and restarts the fireplace controls. Pressing and releasing the power button will switch the device on or off depending on its current state.
- If the button is held down for more than 10 seconds, the remote control will disconnect and the controllers will restart.

> Start/stop (▶■)

- Short press: Start/stop
 - Long press (5 seconds): Resets BLE (Bluetooth Low Energy).
When the play button is held down for more than 5 seconds, BLE is reset. This can be useful if there are communication issues with the device.
- A short press on this button will switch the fire either ON or OFF.

> Reduce flame level (-)

- Short press: Reduces the flame level.
 - Long press: Not used.
- When the Reduce Flame Level button is pressed and then released, the flame level drops by one step.
- This action is only performed if the button has been pressed for a short time.

> Increase flame level (+)

- Short press: Increases the flame level.
 - Long press: Not used.
- When the Increase flame level button is pressed and then released, the flame level by one step.
- This action is only performed if the button has been pressed for a short time.

14.3 APP CONTROL



Download and install the Decoflame app that corresponds to your smart device operating system.
For more information go to: decoflame.com



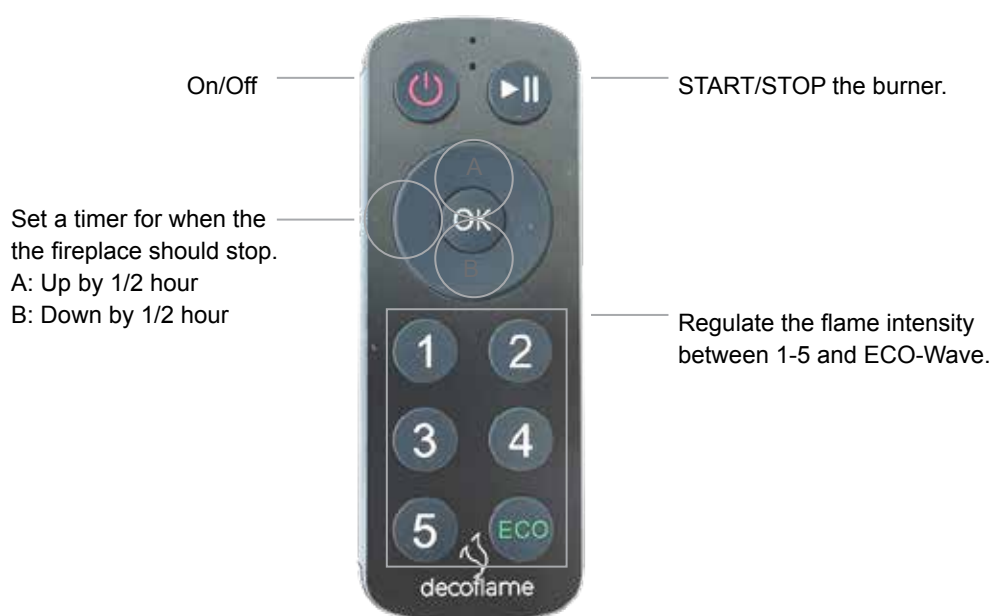
App Store



Google play

14.4 REMOTE CONTROL

Remote control: Bluetooth Low Energy (BLE)



ATTENTION:

1. To switch off all electronics, press the button  on the control panel.
2. The Bluetooth code can be found on the back of the remote control and on the CE mark on the plastic pocket of the manual.

15. TROUBLESHOOTING F3 AND F6

ERROR MESSAGE	EXPLANATION	REQUIRED ACTION
Tray High/Low	Indicates that the level in the burner tray is either too high or too low, which can affect burner performance.	Let the fireplace cool down. If the problem persists after restarting the fireplace, contact your dealer.
Evap High/Low	Indicates that the level in the evaporator chamber is either too high or too low, which can cause irregular vapour formation.	Let the fireplace cool down. If the problem persists after restarting the fireplace, contact your dealer.
No Heat	Indicates that the heater is not generating heat, which may be due to a fault in the heating system.	If the problem persists after restarting the fireplace, contact your retailer.
No Flame	The burner does not ignite even though the system tries to start, which may be due to problems with the fuel supply or ignition system.	If the problem persists after restarting the fireplace, contact your retailer.
Flame Out	The fuel level in the tank is too low or the tank is empty.	Do not switch off the electronics and fill the fuel tank as described in section 6.
Spill Detected	The system has detected a fluid spill, which could be due to overfilling or a leak in the system.	Allow the spillage to evaporate. The fireplace will not be able to light with an active spill. If the problem persists after allowing the spillage to evaporate, contact your retailer.
MCU Temp High	The microcontroller temperature is too high, which can lead to overheating and system failure.	Let the fireplace cool down before using it again.
Low Fuel	The fuel tank is running low, indicating a need for refuelling.	Do not switch off the electronics and fill the fuel tank as described in section 6.
Remote Low	The battery level in the remote control is low, which can affect communication and control of the system.	Replace the battery in the remote control.
Sensor Error	A fault in one or more sensors that may affect the system's ability to monitor and control safety and operation.	Contact your retailer to resolve the issue.

For further information, please refer to the FAQ at www.decoflame.com

16. EMPTYING THE FUEL TANK

It is very important that the fuel tank is empty if the biofireplace has to be moved or if it has to be sent to DecoFlame ApS for additional technical assistance.

To empty the tank, reverse the coupling on the pump and follow the filling instructions.

Scan QR code for procedure.



17. INSTALLATION PROCESS TV TEMPERATURE SENSOR

> FLAME LEVEL REGULATION WITH

A TV TEMPERATURE SENSOR:

Should the fireplace be installed below a TV-screen, it will most likely be equipped with a TV temperature sensor which measures the temperature at the lowest point of your TV-screen.

If the temperature reaches 40–45°C (the range to which most TV screens are tested for heat resistance), the fireplace's electronics automatically reduce the flame setting by two levels.

1:

For example, a fireplace operating on FLAME 5, will automatically decrease the intensity to FLAME 3. The display will show FLAME 3* as an indication that the TV-temperature sensor has initiated an automatic reduction of the flame setting.

As long as the star/asterisk is shown behind the digit, the flame setting cannot be manually amended. As soon as the temperature below the TV-screen has decreased, the star/asterisk will disappear and the flame setting can be amended manually again.

Once the TV-temperature sensor has decreased the flame setting by two steps, the programme will run on this reduced setting for 15 minutes.

2:

Should the temperature below the TV-screen not decrease during this period, the programme will reduce the flame setting by further two steps (i.e. from FLAME 5 to FLAME 3* to FLAME 1*).

Should this further reduction in flame size not result in a reduced temperature below the TV-screen, the programme will reduce the flame setting to FLAME 1*.

If this does not reduce the temperature within further 15 minutes, the fire is switched off automatically, and the display will show the message TV-SENSOR.

Wait at least another 15 minutes before first resetting the electronics. Flip over the display, switch the OFF button first and then the ON button, starting the fireplace again.

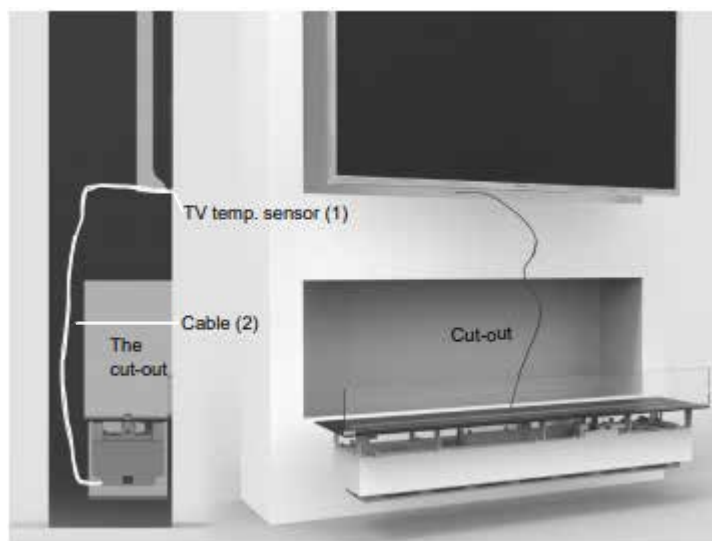


Illustration showing how the bio fireplace is connected to the television.

> HOW TO CONNECT THE BIO FIREPLACE WITH A TV:

> **1.:** Drill a Ø6mm hole in the wall behind the TV approx. 50mm up from the bottom of the TV.

> **2.:** Remove the TV temperature sensor from its plastic bag.

> **3.:** Insert the sensor (1) tip from behind of the cut-out wall. Approx. 10mm of the tip should stick out of the wall. Alternatively, pull it out completely and fix it to the lowest point of the TV at its back (e.g. using tape or strips).

> **4.:** Seal the space (if there is any) in the whole around the temperature sensor in order to avoid the sensor falling back inside the wall.

> **5.:** Plug the power cable of the fireplace (exiting to the left of the base plate) into the socket (switch socket on if required).

> **6.:** Lift the base plate towards the cut-out and make sure the cable is not trapped or bended.

> **7.:** Release the base plate carefully into its position inside the cut-out, taking care not to scratch the paint.



TV-sensor connected to the fireplace.

18. MAINTENANCE

Before starting to clean the fireplace, make sure it has cooled down and it is switched off completely.

The glass components of your DecoFlame fireplace are made of tempered heat-resistant glass. Those glass parts as well as any metal parts which are exposed to the heat of the fire might slightly change colour or structure. This is to be considered normal wear and tear and does not constitute a product flaw or fault.

We recommend that, if needed, you clean all parts of your fireplace with a lint-free cloth or kitchen paper towel and a non-abrasive detergent, like bioethanol or another alcohol-based product. Regarding polished steel surfaces use only a soft and clean cloth as the surfaces will easily be scratched by e.g. paper towels.

If you clean the flame tray, please avoid contact with the filament, as this delicate component can be easily damaged!

19. SAFETY ADVICE

Please always adhere to the safety advice given in this manual. Bioethanol fires are REAL FIRES and therefore, please use highest care and common sense when operating them.

DO

1	DO avoid contact of bioethanol with eyes and skin.
2	DO keep bioethanol safely and out of reach of children.
3	DO keep the quality of your room air at an adequate level by opening a window for around 5 - 10 minutes or by leaving the doors to adjacent rooms open. Should the premises in which the fire is situated be equipped with an MVHR System (Mechanical Ventilation with Heat Recovery), the room air quality will automatically be kept at a high level and no further action should be necessary.
4	DO avoid contact with any glass and metal parts of your fireplace as these can become hot during operation.
5	DO always adhere to all safety instructions given in this manual.

DO NOT

1	DO NOT smoke when filling the burner with bioethanol as it is – of course – extremely flammable.
2	DO NOT use lighters or matches to turn on the fireplace.
3	DO NOT use any other fuel than bioethanol of 96.5% but max. 97.5% alcohol purity.
4	DO NOT mix bioethanol with other fuels.
5	DO NOT cover/obstruct any of the ventilation slots of the fireplace.
6	DO NOT place any flammable materials or clothes near the fireplace.
7	DO NOT place any pebbles or stones on the burner as these will crack and might cause injury or damage to the fireplace.
8	DO NOT place any ceramic logs or ceramic pebbles on burner as they will obstruct the ventilation slots in the baseplate and change the combustion temperature.
9	DO NOT install the fireplace outside.
10	DO NOT attempt to open the housing of the fireplace.
11	DO NOT modify anything on your custom-made DecoFlame bioethanol fireplace.
12	DO NOT touch the filament during cleaning.

EMERGENCY / Follow these instructions in case of fire.

We recommend that you have a fire extinguisher located near the bio fireplace in case of fire.

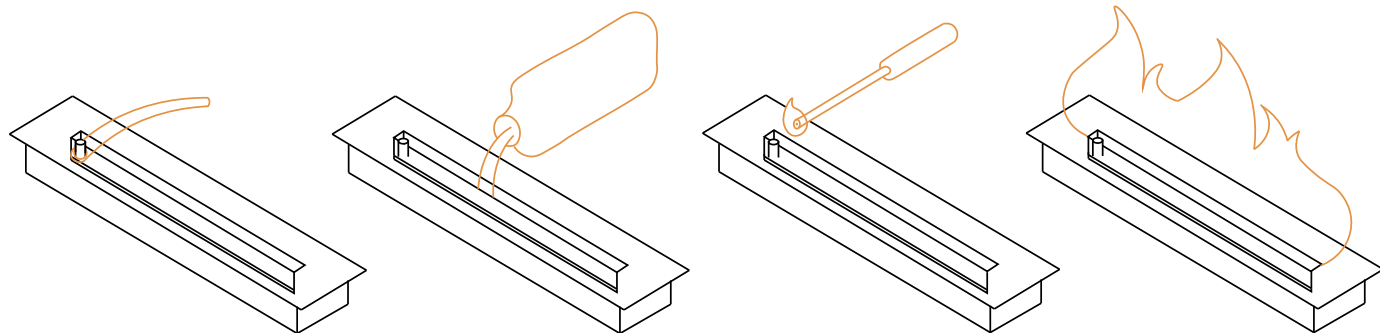
Suitable extinguishing media: carbon dioxide CO₂, dry chemical, powder, foam, chemical foam, alcohol-resistant foam, water spray.

In the event of minor fires: Use chemical substances, carbon dioxide (CO₂), water mites, alcohol-resistant foam or a very wet cloth that can smother the fire.

In the event of major fires: Use alcohol-resistant foam or water spray for larger fires.

DO NOT use water jet! Do not rinse the floor with water. If the fire is not under control: Please contact your local authorities.

20. USER INSTRUCTIONS MANUAL BURNER



1

Slide the lid open with the following tool.

2

Fill up the chamber until the bioethanol reaches the max-identification. It is urgent that the chamber only are to be filled when it is cold.

3

The burner is to be ignited with a long lighter where the distance from the hand to the burning point is at least 150mm.

4

Now minor flames will start to appear. The flame will reach its operating heat after 8-10 minutes.



Closed lid



Open lid



Max indicator

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

> EXTINGUISH

Ideally, the bioethanol in the burner must burn out.

If 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. If not succeed at the first attempt, do try again until the flames are extinguished.

If the burner has been half closed, the shutter has due to heat been bend a little. Therefore it is recommended to place the shutter in the fully open position. Wait 5-10 minutes and then close it. **DO NOT** attempt to blow out the fire!

If the fire is extinguish with bioethanol left in the burner, it is recommended to **WAIT** around 30 - 60 minutes or until the burner has cooled down before refilling it with bioethanol as described above.

> OVERFILLED

Please be aware that the fireplace must be completely cold emptying the fireplace of bioethanol. If overfilled, **DO NOT** light the fireplace.

If the overfillings is not violent, the excess bioethanol can be wiped up with a lint-free cloth or paper towel until the liquid is at the required level.

For larger overfills: Lift the burner out of the safety chamber (wear rubber gloves and reach into the burner opening grabbing the top plate) and empty part of the bioethanol into a container (bucket, bowl or similar – until the burner is only filled into 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.

> ATTENTION

1	Always ignite the bioethanol fireplace with precautions.
2	Only adults may operate the fireplace.
3	Always look after for children and pets when the fireplace is operating. Do not leave the fireplace unsupervised.

> POSITIONING

1	Consult with local laws and regulations for indoor use of bioethanol fireplaces.
2	Make sure to positioning the fireplace leveled and with a safety distance of at least 1 meter from furnitures, curtains or other flameable objects.

> BIOETHANOL

1	All Decoflame bioethanol fireplaces are designed and constructed only to the use of the purest bioethanol. (Minimum 96.5% max 97.5%).
2	IMPORTANT! Wait atleast 20-35 min, or until the burner is totally cold, before re-fill of the tank with bioethanol.
3	The Bioethanol must be stored in a safe environment and away from the reach of children.
4	Carefully read the instructions on the bioethanol packaging.
5	Bioethanol is highly flameable.
6	At the use of bioethanol, avoid contact with eyes and skin.
7	DO NOT use other types of fuel, materials or bioethanol of poor quality. This may void the warranty.
8	DO NOT use fragrances or oils as this may void the warranty.
9	DO NOT mix bioethanol with other fuels as this will void the warranty.

> DO NOT

1	DO NOT ignite the fireplace if you have spilled bioethanol.
2	DO NOT fill the burner until the temperature is below 40 degrees celcius.
3	DO NOT smoke cigarettes or similar during the filling proces.
4	DO NOT under any circumstances, fill the burner as it is being used, or still being hot from previous use.
5	DO NOT ignite the fireplace if you have overfilled the burner. Partly empty the tank and safety chamber for excessive bioethanol.
6	DO NOT try to extinguish the fire by blowing on it.
7	DO NOT cover the fireplace as it is being used.
8	DO NOT place flameable materials on the fireplace.
9	DO NOT place small rocks, ceramic wood or similar on the fireplace. These can damage the fireplace and increase the combustion temperature and thereby increase the fuel consumption.
10	DO NOT use the fireplace as a grill.

21. MAINTENANCE

The surface of the materials may change over time due to the heat the material is exposed to. This may cause a slight change in colour. This is considered as normal trace of use and is not considered a product defect. It is recommended that you clean the surface with a dry cloth or kitchen towel.

The burner module can be cleaned with a small amount of bioethanol on a clean tea towel or cloth. It is important not to use cleaning agents with chemicals. After prolonged use with poor quality bioethanol, yellow slum can lie at the bottom of the burner - a concentration of impurities. This should be cleaned to reduce odor.

Lift the burner out of the safety chamber and empty it of bioethanol. Wash the burner inside with boiling water and then wipe it with a lint-free cloth. Then insert the burner back into the safety chamber. Do not use soap or similar.

22. SAFETY ADVICE

> EMERGENCY / FOLLOW THESE INSTRUCTIONS IN CASE OF FIRE.

We recommend that you have a fire extinguisher located near the bio fireplace in case of fire.

Suitable extinguishing media: carbon dioxide CO2, dry chemical, powder, foam, chemical foam, alcohol-resistant foam, water spray.
In the event of minor fires: Use chemical substances, carbon dioxide (CO2), water mites, alcohol-resistant foam or a very wet cloth that can smother the fire.
In the event of major fires: Use alcohol-resistant foam or water spray for larger fires.
DO NOT use water jet! Do not rinse the floor with water. If the fire is not under control: Please contact your local authorities.

23. BIOETHANOL

> BIOETHANOL IS EXTREMELY 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 the 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 temperature 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. 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 the 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 temperature. / On suspicion of consumption of bioethanol, contact your local poisonline for further advice.

DO NOT

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



24. SYMBOLS



Do not pour directly onto the flames



Do not fill on a hot burner



Do not place the bio-fireplace near flammable material



Protect the bio-fireplace from drafts



NO smoking



Do not blow into the flames



Do not touch the flames



Have proper extinguishing equipment ready



Health hazard



Follow the instructions regarding fuel and fire blanket



Warning - combustible material

25. DISPOSAL AND RECYCLING

The Decoflame fireplace is constructed from aluminium, stainless steel, glass, copper, plastic, and electronic components. Disposal of the appliance must comply with regional rules and regulations.

Most parts of the Decoflame fireplace are recyclable.

26. WEARING PARTS

There is a 24-month warranty in accordance with Danish legislation on the product. When purchasing a warranty scheme, the following parts will be covered by the warranty*:

- ***Top plate and frame***
- ***Cabinet***
- ***Brackets***
- ***Control box***
- ***Circuit board (top print)***
- ***Wires and cables***

*) The warranty covers defects under normal use within the specified period or after 2000 hours of operation. Specific wearing parts other than those mentioned, which deteriorate under normal use, are not covered. These parts require regular maintenance and replacement for optimal function. Reference is also made to Decoflame's General Terms and Conditions of Sale and Delivery and applicable co-operation agreements.







Decoflame ApS
Vang Mark 2
9380 Vestbjerg, Denmark

Tel.: +45 9630 4800
info@decoflame.dk
www.decoflame.com

Service links:

Go to decoflame.dk or decoflame.com
to find FAQ - or ask the AI assistant.

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

Subject to glass and product 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.

V1012025