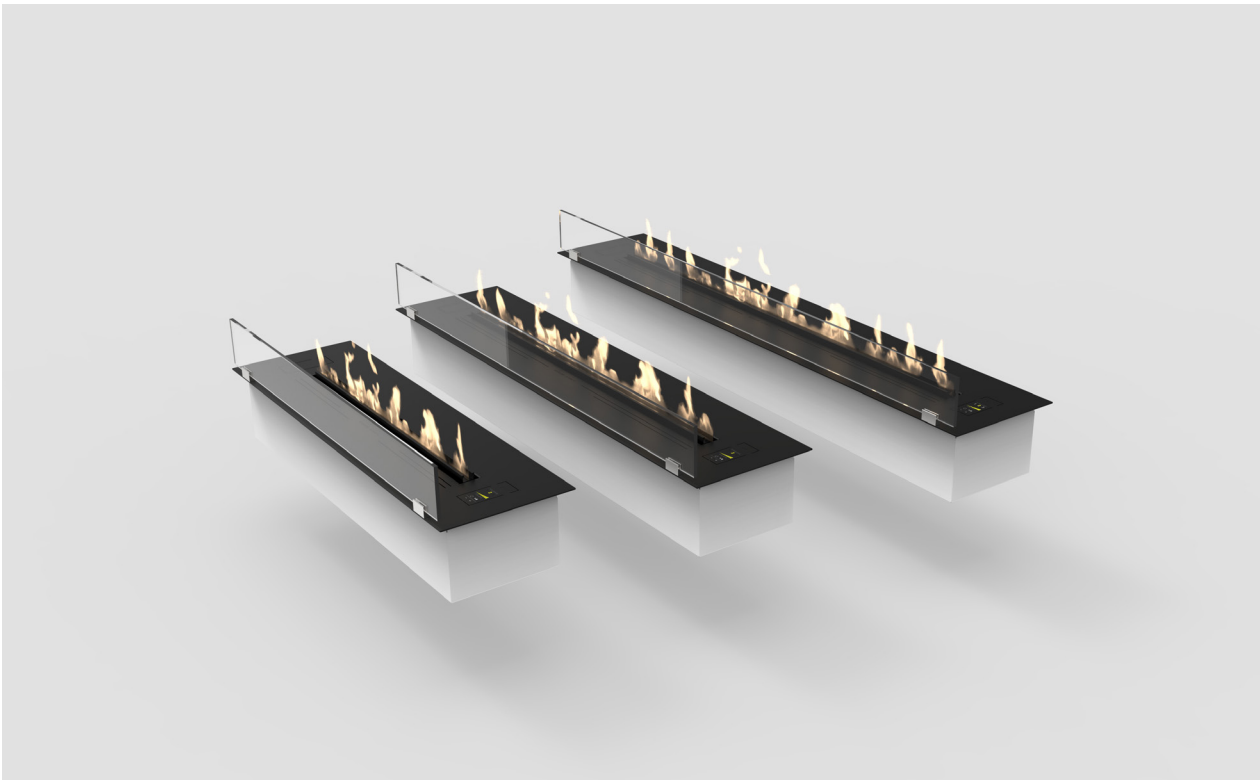




USER MANUAL

ENGLISH

DENVER BASIC™



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 KEEP THE PACKAGING OF YOUR FIREPLACE, IN CASE IT NEEDED TO BE SENT BACK TO THE FACTORY.

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1. CONTENTS OF THE BOX

1. Denver Basic™ burner with the power cable attached
2. User manual
3. Funnel
4. Two straps for installation
5. Remote controller (if Denver Basic™ with upgrades has been purchased)
6. One glass screen with two glass holders (extra glass with glass holders, if purchased)

2. GENERAL INFORMATION

All Decoflame fireplaces are designed, manufactured and quality-tested in Denmark with the highest product safety and user-friendliness in mind. Denver Basic™ with CEVB Technology (Controlled Ethanol Vapour Burning Technology) can be operated via control panel. Alternatively, the burner can be operated with a remote controller or via Bluetooth/Decoflame App, if these upgrades have been purchased. Naturally, safety is imperative when dealing with open fire. Please strictly adhere at all times to all safety measures described in this manual.

3. POSITIONING AND SAFETY

Make sure that your fireplace is installed in a safe place indoors, which means in a wall made of non-flammable material with a distance of at least 1 meter to e.g. curtains, as shown below (Figure 3.1). Also, choose a position for your fireplace which is not exposed to any draught, as bioethanol is a volatile fluid. 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. You should also keep a distance of at least 30 cm moving past the fireplace, as your movement may have an impact on the flames.

The electronics of your Decoflame fireplace require a connection to a power socket (220-240V earth \perp - 50Hz - 1kW), which ideally should be placed inside the wall cut-out.

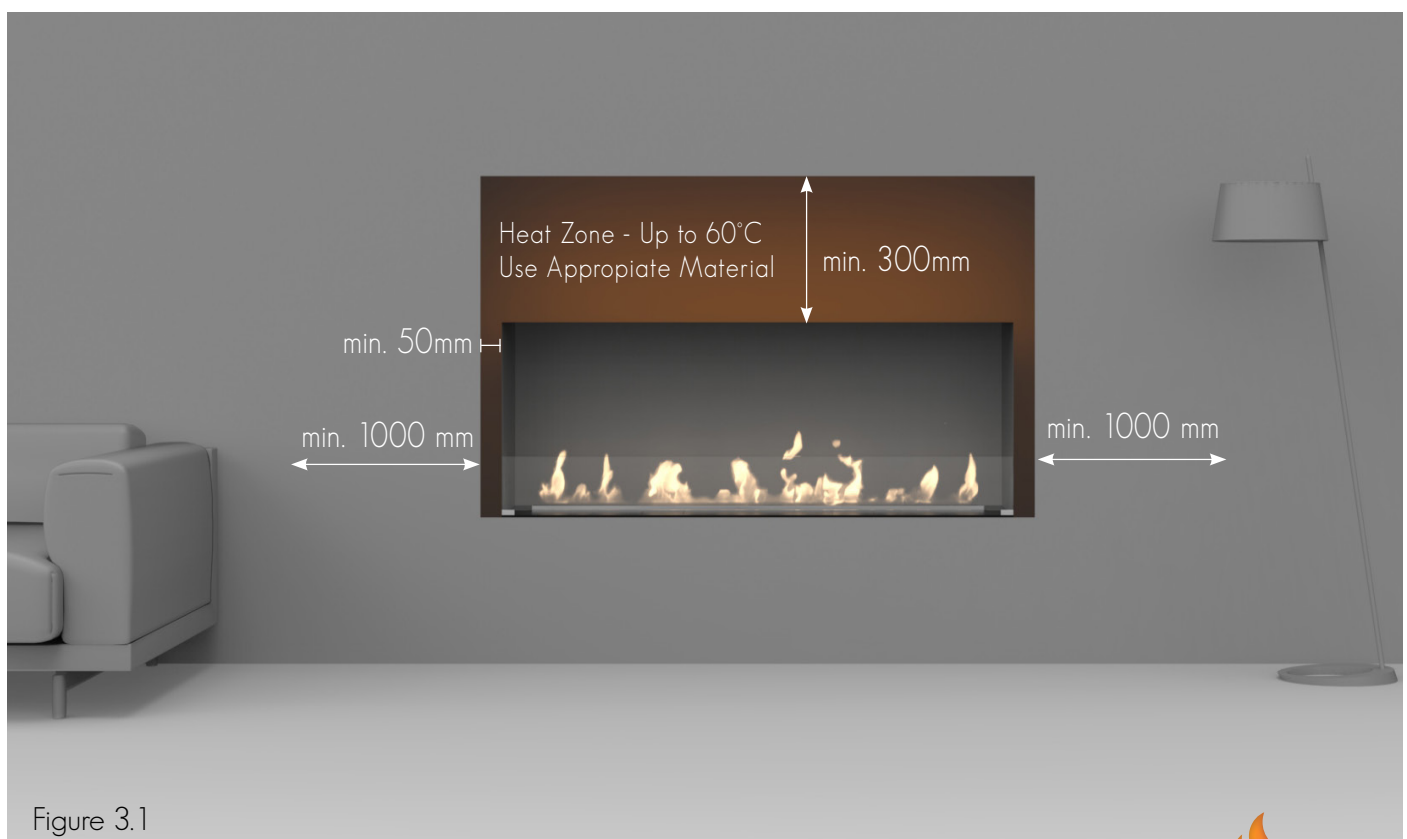


Figure 3.1

3.1. PLACEMENT UNDER A TV

NB - We do not recommend to position 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 above the fireplace, please follow the instructions below (Figure 3.1.1) or ask Decoflame for further advice.

Figure 3.1.1



Make sure that the wall cut-out and supports left and right below the baseplate of your Denver Basic™ burner are perfectly in level horizontally and all the corners of the cut-out are in a perfect 90 degree angle. For the specific dimensions, please refer to the detailed technical drawing of your Decoflame fireplace.

IF IN DOUBT, PLEASE CONTACT DECOFLAME.

If your fireplace is installed in a room with a wooden ceiling, you must ensure that the distance between the top of the fireplace and the ceiling is at least 1 meter. When choosing a suitable height as position for your fireplace, please also consider keeping it out of reach of smaller children and pets.

When lit, the surfaces of the upper part of the fireplace, as well as any glass screens will be hot, as the heat is led upwards and outwards.

Do you have children or pets in the home? If so, make sure an adult keeps an eye on them at all times during operation of your fireplace and never leave your fireplace unattended when it is lit.

4. 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, some 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.

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

5. INSTALLATION

Please refer and adhere to the detailed installation guide on your technical drawing, which has been generated for your Decoflame fireplace. You will find all dimensions and a step-by-step installation instructions there. It is advisable to install your Decoflame fireplace only once all decoration work in the room has been finished.

Walls surrounding the built-in bioethanol burner must be constructed of, or at least covered with non-flammable material like fibre plasterboards (e.g. Fermacell, GypRock FireLine) or bricks.

The supports to the left and right inside the cut-out on which the fireplace will rest must be made of sturdy, non-flammable material like metal, concrete or brick. The supports must be perfectly in level.

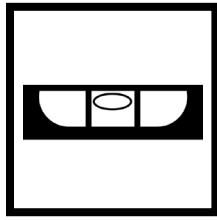
If you have the slightest doubt of how to install the fireplace and which screws to use for your type of wall, you should contact a skilled craftsman who is able to carry out the installation correctly.

Please note that the electronically controlled Denver Basic™ needs an earthed \perp connection to the mains in order to work. A power socket needs to be present inside the cut-out into which the fireplace will be fitted.

WHEN INSTALLING YOUR DENVER BASIC™ BURNER YOU WILL NEED:



Tape measure



Spirit level

5.1. CREATING A WALL CUT-OUT

The wall cut-out should ideally contain a working, earthed \perp power socket to connect the electricity cable of the Denver Basic™.

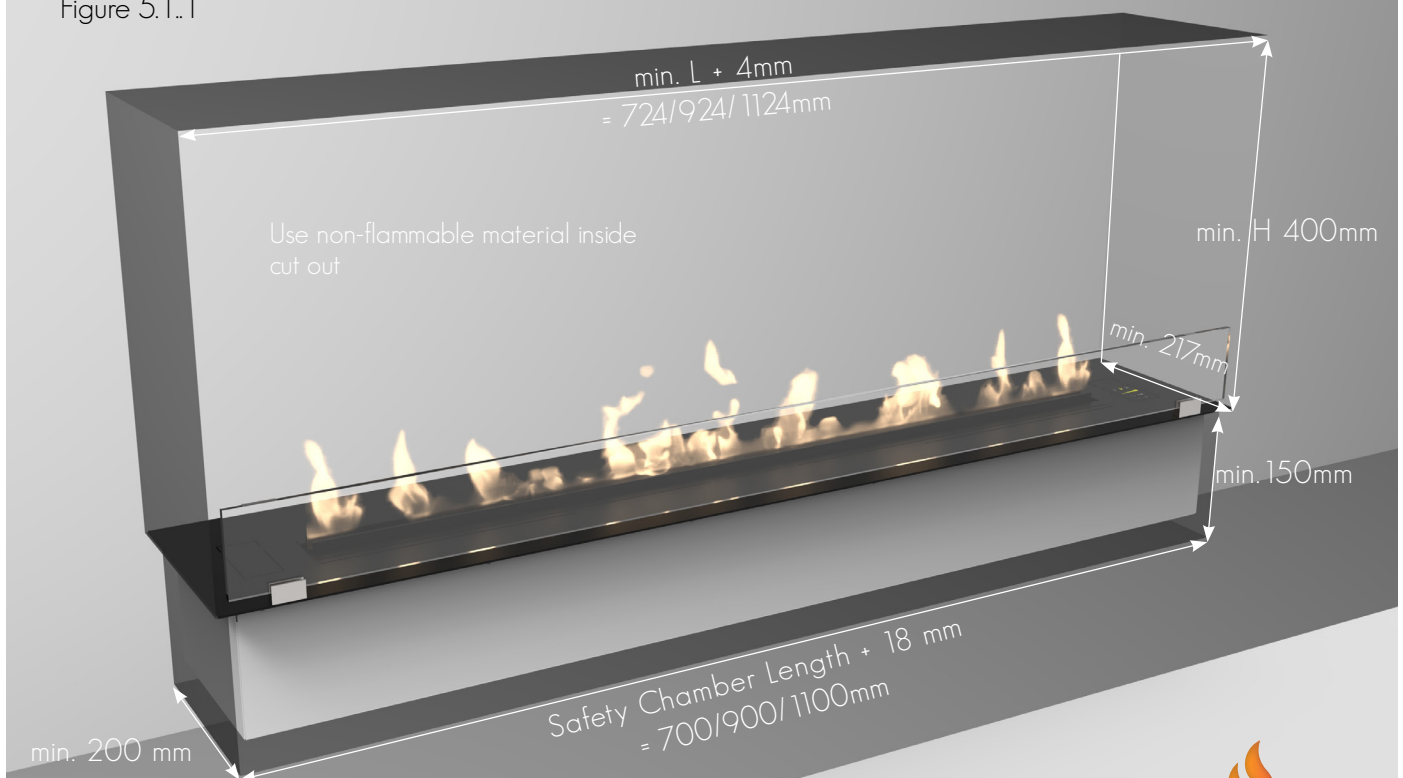
PLASTERBOARD WALLS – STUD-WALLS

The cut-out is made according to the drawing you have received with your fireplace. Walls surrounding the built-in bioethanol burner must be constructed of or at least covered with non-flammable material like fibre plasterboards (e.g. Fermacell, GypRock FireLine) or bricks. Important: The void above the fireplace must not be openly connected to the void below the fireplace (create a separation right above the top of the fireplace)!

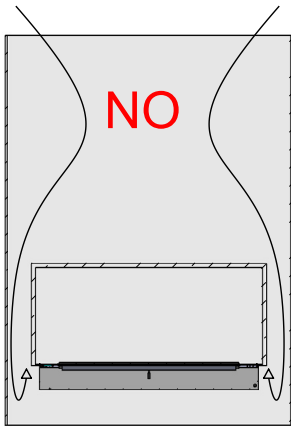
STONE/BRICK WALLS

The cut-out is made according to the drawing you have received with your fireplace. The wall itself is non-flammable, which makes it safe to install the bioethanol burner directly within the cut-out.

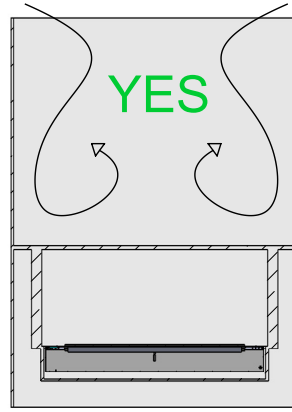
Figure 5.1.1



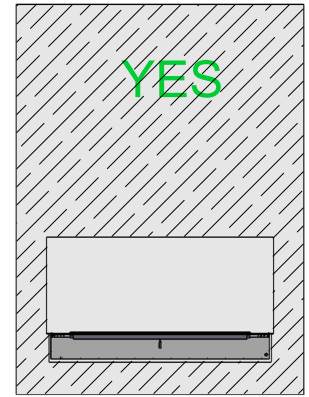
5.2. WALL CONSTRUCTION



DO NOT! install the Denver Basic 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 the Denver Basic in an open-wall construction, which is closed above and below the fireplace. Make sure to create a closed cavity for the section below and baseplate of the fire.



DO! install the Denver Basic in a massive wall (made of bricks, stone or gas beton) using the wall cut-out dimensions mentioned on the previous page.

5.3. STEP-BY-STEP INSTALLATION PROCESS

There are various possibilities of installing this fireplace model: resting on top of the surrounding surface, counter-sunk by means of using the two straps (see section 1).



Figure 5.3.1

STEP 1: Check that the dimensions of the cut-out are as shown on the technical drawing provided with the fireplace. All corners of the cut-out must be in a 90° angle and all surfaces in level. Make sure that there is a earthed \perp power socket inside the wall cut at the bottom to the right - ideally placed below the level of the tank (lower than 160mm). Check furthermore, that the cut-out has been prepared in line with the desired way of installation (i.e. either with the baseplate resting on the surrounding surface, with the edges of the cut-out prepared with a router or using the mounting brackets included).

STEP 2: Lift the Denver Basic™ burner carefully out of its packaging using the two straps. Place the Denver Basic™ carefully on a level surface. Do not tilt it. Move Denver Basic™ closer to the cut-out and insert the plug into the socket. If necessary, switch on the socket. Still holding the fire with the straps, carefully sink it into the cut-out.

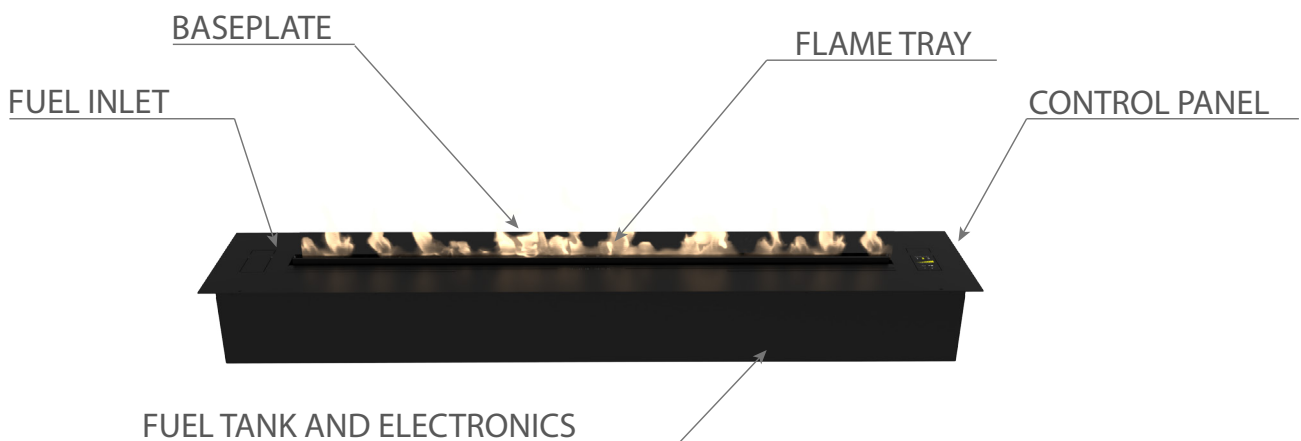
STEP 3: After the fireplace is positioned as desired, remove the straps by cutting them from underneath the fireplace. Switch on the electronics using the ⏻ button, which will unlock the fuel lid. Always check that the fireplace is connected to the power socket and cable.

STEP 4: Carefully fit the glass screen(s) by inserting the glass holders into the holes in the baseplate. Please avoid scratching the baseplate.

STEP 5: Fill in the right amount of bioethanol following the instructions.

STEP 6: Start the fireplace by pressing the $\blacktriangleright \blacksquare$ button.

6. OPERATING INSTRUCTIONS



IF YOU HAVE PURCHASED DENVER BASIC™ WITH UPGRADES, YOUR FIREPLACE WILL HAVE THE FOLLOWING EXTRA FEATURES:


- 6 flame levels
- Remote controller
- Bluetooth/Decoflame App


TURNING ON

Turn on the electronics of your Denver Basic™ by pressing the ⏻ button.

FILLING THE FUEL TANK

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

In order to open the fuel lid, the fireplace needs to be plugged into a power socket. Press the  button for the lid to unlock. Open the lid of the fuel inlet, insert the funnel into the hole and fill in bioethanol. Once the fuel tank is filled by three-quarters, you will hear an acoustic signal. This tone will increase in intensity proportionally with fuel level. Once the tank is completely filled, the acoustic signal will become constant. Similarly, the lines indicating the fuel level on the control panel will gradually increase indicating to stop the filling process. Avoid spillage during filling. If you have spilled any bioethanol, use a paper towel in order to wipe off thoroughly any spilled liquid around the fuel inlet.


Remove the funnel. Close the lid of the tank inlet. You can start the fire now by pressing the  button on the control panel.

NB: When filling the fuel tank, the electronics of the fireplace have to be switched on, in order to detect spillage.




NB: The ignition process will not start if any liquid is detected around the fuel inlet or if the lid for the tank inlet is left open.


REFUELLING

The FUEL LEVEL lights will be blinking slowly when the tank will be empty.

DO NOT switch the electronics of the fireplace off. Wait until the flame is completely extinguished and the fireplace has cooled down (around 5-10minutes). When the the lights of the FUEL LEVEL indicator have stopped blinking, you can start the filling process. Press the  button for 5 seconds for the lid to unlock. Open the lid, insert the funnel in the hole and fill in bioethanol.


IGNITION

Press the  button on the control panel. After a short while, the first flames will appear around the centre of the flame tray. Subsequently, it will take a short time until the fireplace will warm up and whole width of the flame tray is filled with flames. Once the flame tray shows flames throughout its complete width, the fire will be burning at a factory pre-set level. You can change the level by pressing the   buttons on the control panel. Once you have changed the flame level, please wait a couple of minutes before you adjust it further downwards or upwards, in order to give the system the necessary time to react to the changes made.

The control panel will go on stand-by (the lights on the control panel will turn off), if the flame level has not been changed for three minutes. In order to re-activate the control panel, you simply need to press the  button.

The flame level will automatically decrease and cannot be increased to the initial level within the next 15 minutes. During this process, the light on the control panel will be blinking within 10 seconds intervals.


EXTINGUISHING THE FLAMES

To switch off the fire at any time - also during the warming-up phase - press the  button on the control panel. The flames will disappear within a few minutes. You can leave the electronics on stand-by without pressing any further buttons now. You can also re-start the fire as described above immediately.

SWITCHING OFF



In order to switch off the electronics of the fire, switch the  button on the control panel.

UNINTENDED SWITCHING OFF OR POWER-CUT

Should you unintentionally switch off the electronics at the  button, or should you experience a power-cut while the fire is still fully in operation, the fireplace will switch off and the flames will disappear in a matter of minutes. You can start the fire again as described above (and once the electricity supplies are back to normal).

The warming-up phase will be shortened if the flame tray is still warm from its earlier operation.

SAFETY LOCK

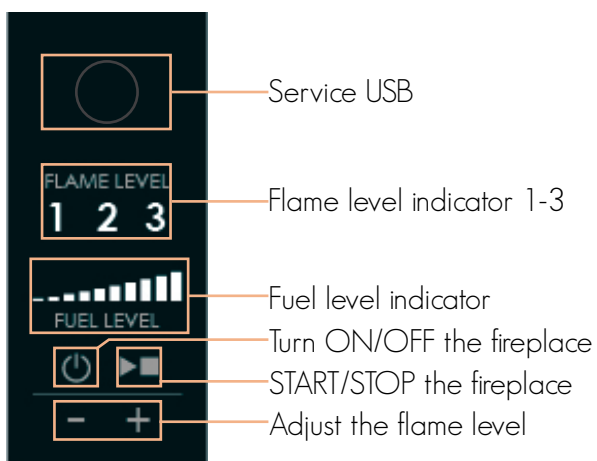
Denver Basic™ has a built-in safety lock. When the fireplace is cold, simply press  button to unlock the fuel lid. After the fireplace has been operating, the fuel inlet cannot be open until the flame is completely extinguished and the fireplace has cooled down (around 5-10minutes). In order to open the fuel lid, hold the  button down for 5 seconds for the lid to unlock.

BIOETHANOL (FUEL)

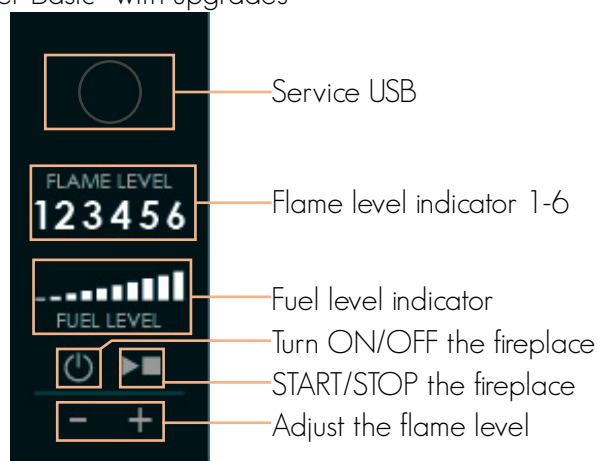
All Decoflake bioethanol fireplaces are designed and manufactured exclusively for use with bioethanol of high purity (96% to max. 97.5%). **DO NOT** use any other fuel or materials or bioethanol of inferior quality as this will void your warranty. Bioethanol can be bought in specialized shops or on the internet - ask your Decoflake point of sale for advice.

6.1. OPERATING VIA CONTROL PANEL

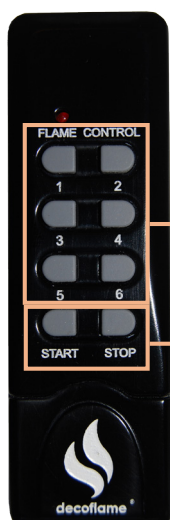
Denver Basic™




Denver Basic™ with upgrades



6.2. OPERATING VIA REMOTE CONTROLLER



Regulate the flame intensity between levels 1-6

START/STOP the fireplace. If you want to shut down all the electronics of the fireplace, you will need to press the  button on the control panel.

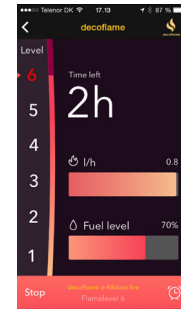
6.3. VIA BLUETOOTH / DECOFLAME APP



App Store



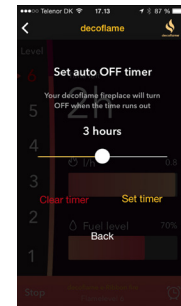
Google play




1. Download and install the Decoflame App by scanning the QR code above corresponding to your smart device's operating system. Alternatively, the App can be found on the App Store or Google Play.

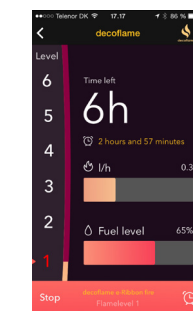
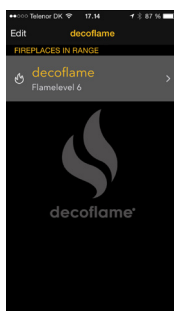
4. Once you have selected your fireplace, you can turn it on by pressing 'START'. If the fireplace has already been turned on using the control panel, you can now monitor the fuel level and the consumption.

Model:	Denver Basic 720 - black	CE
Dimensions:	720x215x125mm - Flame Tray 500	
Power Supply:	220/240V - 50zH must be earthed	
Serial Number:	72000.05.16.V1.001	
Thermal Output:	max 2.9 kW	
Fuel Type:	bioethanol 96%	
Room Volume:	min. 58 m ³	
Radio Frequency:	433.92 MHz	
Bluetooth Code:	0001	
Manufacturer:	Decoflame ApS - Made in Denmark	



2. In order to pair your fireplace with your smart device, start the fireplace by pressing  button and use the Bluetooth code provided on the rating plate at the end of this manual.

5. For the 'Turn Off Timer' press the clock icon in the lower right corner. To adjust the remaining time, slide the dot to the left and right and select 'SET TIMER'. The remaining burning time can be changed by repeating the above mentioned steps. To cancel the timer select 'CLEAR TIMER'.



3. Once your device is paired, the fireplace should be visible on the app. You are now able to change the name of the fireplace.

Note: You are able to pair more than one fireplace like described in the step nr. 2 and give them different names.

6. For adjusting the flame intensity, select the desired level on the left side of the screen. (1-lowest, 6-highest) Should there not be enough fuel for the selected burning time - the fireplace will shut down automatically. Select 'STOP' to turn off the fireplace.

7. SAFETY ADVICE

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

DO

DO avoid contact of bioethanol with eyes and skin.

DO keep bioethanol safely and out of reach of children.

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.

DO avoid contact with any glass and metal parts of your fireplace as these can become hot during operation.

DO always adhere to all safety advice given in this manual.

DO NOT

DO NOT smoke when filling the burner with bioethanol as it is - of course - extremely flammable.

DO NOT use lighters or matches to turn on the fireplace.

DO NOT use any other fuel than bioethanol of at least 96% but max. 97.5% purity.

DO NOT mix bioethanol with other fuels.

DO NOT cover/obstruct any of the ventilation slots of the fireplace.

DO NOT place any flammable materials or clothes near the fireplace.

DO NOT place any pebbles or stones on the e-Ribbon Fire™ as these will crack and might cause injury or damage to the fireplace.

DO NOT place any ceramic logs or ceramic pebbles on the e-Ribbon Fire™ as they will obstruct the ventilation slots in the baseplate and change the combustion temperature.

DO NOT install the fireplace outside.

DO NOT attempt to open the housing of the fireplace.

DO NOT modify anything on your custom-made Decoflame bioethanol fireplace.

8. DISPOSAL AND RECYCLING

The made to measure Decoflame bioethanol fireplace is made of aluminium, stainless steel, glass(es), copper, plastics and electronic components. 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.

9. TROUBLESHOOTING







DETECTING THE SOFTWARE VERSION

In order to find out the software version of your fireplace, follow the steps below:

1. Start the fireplace.
2. A light column will appear shortly (fig. 9.1)
3. The column that is lighted will indicate the version of your software.



Figure 9.1

ERROR ON DISPLAY	ERROR NAME	SYSTEM REACTION	EXPLANATION	ACTION TO BE TAKEN
	SPILL TOP	The fire does not start or the fire turns to auto-switch-off mode	Liquid has been detected inside the over-spill safety-chamber surrounding the fuel inlet.	Dry off any spilled bioethanol thoroughly with paper towels. Leave the pop-up lid open for at least one hour in order to allow any remaining bioethanol to evaporate completely. Then close the pop-up lid of the fuel inlet.
	SPILL BOTTOM	The fire does not start or the fire turns to auto-switch-off mode	Liquid has been detected inside the safety-chamber situated in the bottom of the housing of Denver Basic™.	Dry off any spilled bioethanol thoroughly with (paper) towels. Leave the pop-up lid open for at least one hour in order to allow any remaining bioethanol to evaporate completely. Then close the pop-up lid of the fuel inlet.
	NO FLAME	The fire turns to auto-switch-off mode	The filament is not working or there is too much draft in the room.	Try to reduce the draft around the fireplace by closing any windows or doors. If that does not help, call your point of sale or Decoflame on +45 9630 4800 and have the serial number to hand (can be found on the back side of the burner and on the rating plate of this manual).
	HOT TEMP. SENSOR	The fire does not start or the fire turns to auto-switch-off mode	The built-in temperature sensor has detected too high a temperature inside the housing of Denver Basic™.	Make sure that the fireplace has been installed according to the technical drawing and the installation manual and has sufficient natural ventilation. If the error keeps occurring, contact Decoflame +45 9630 4800.
	HOT EVAPORATOR	The fire does not start or the fire turns to auto-switch-off mode	The built-in temperature sensor has detected too high a temperature inside the housing of Denver Basic™.	Make sure that the fireplace has been installed according to the technical drawing and the installation manual and has sufficient natural ventilation. If the error keeps occurring, contact Decoflame +45 9630 4800.
	EMPTY FUEL TANK	The fire shuts down and cannot be started until refuelled	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.

EMPTYING THE FUEL TANK MANUALLY

It is imperative that the fuel tank is empty, if the fireplace needs to be relocated, or if it needs to be sent to Decoflame for further technical assistance. In order to empty the fuel tank manually, please follow the steps below:

1. Lift the burner and take it out from the wall cut-out.
2. To the left, on the side of the fireplace there is a hole allowing access to the spring locking the lid of the fuel inlet (figure 9.2 and figure 9.3).
3. Pull the spring to the left using a long tool e. g. a screwdriver (figure 9.4) to unlock the lid.
4. The lid will open and then you can empty the bioethanol in the fuel tank through the fuel inlet, using a pump or a hose.

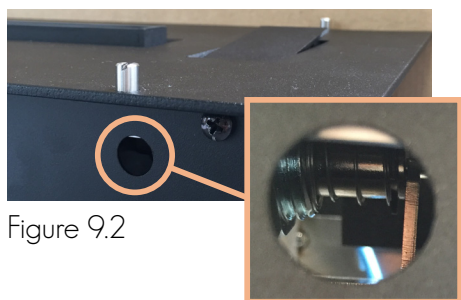


Figure 9.2



Figure 9.3

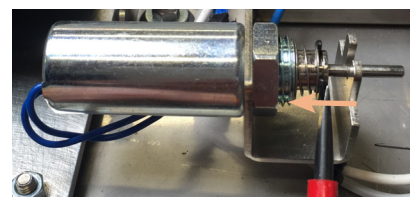


Figure 9.4



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9400 Nørresundby
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info@decoflame.dk
www.decoflame.com

RATING PLATE

(find the same rating plate on the back of the fireplace)

