

Bioethanol Burner - Denver F3 (Automated)

Function

Denver F3 automatic burner is available in four dimensions 620mm/720mm/920mm/1200mm. Automatic burners have six flame levels (1-5 & eco) and can be operated with a remote control via Bluetooth and Decoflame App and be integrated into a smart automation system.

This burner's bioethanol fuel creates a clear combustion without smoke, smell and soot emission and with no need for chimney or ventilation. Bioethanol Fuel is denatured, i.e. made unfit for human consumption. Our Bioethanol fire feature can be operated only with bioethanol of at least 96% but maximum of 97% purity.



Features:

- No chimney required
- No smoke, ash or soot
- e-Ribbon Technology / Bluetooth
- App control / Remote or Smart home connection
- Safety sensors
- TV temp. sensor (optional)
- Sleep timer
- Glass screen (optional)

Surface Finish:



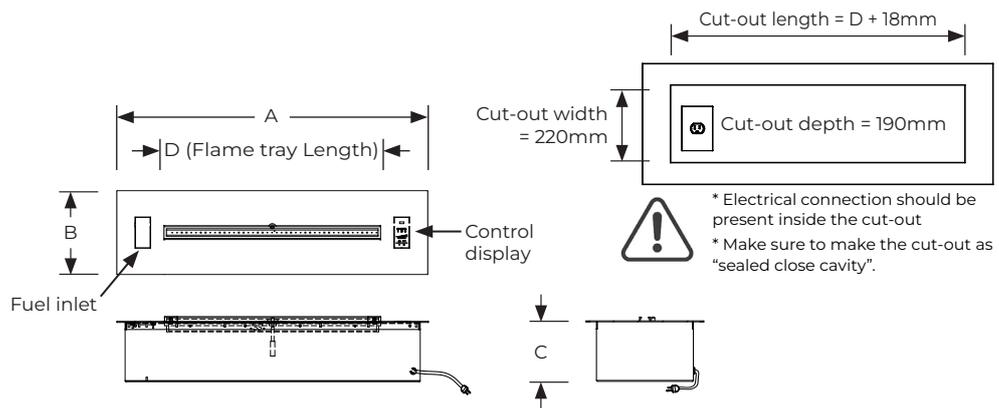
Specifications

Materials

Powder coated Aluminium or Brushed Stainless steel and optional hardened optic glass shield

Power

220V - 240V AC 50Hz



Model No.	Fuel Capacity	Burning Time	Heat Output	Minimum Room size	A (mm)	B (mm)	C (mm)	D (mm) Flame tray length
Denver F3 620	3.8 L	8hr - 23hr	0.9 kW - 2.6 kW	51 m ³	620	215	160	400
Denver F3 720	4 L	7hr - 20hr	1.2 kW - 3.2 kW	64 m ³	720	215	160	500
Denver F3 920	5.8 L	7.5hr - 20hr	1.6 kW - 4.5 kW	89 m ³	920	215	160	700
Denver F3 1120	7.2 L	7.3hr - 20hr	2.1 kW - 5.7 kW	115 m ³	1120	215	160	900



Precautions:

- Always use common sense when handling fire and flammable materials.
- Burner will get hot while operating.
- Never put fuel into open flames.
- Do not place any flammable materials within 1 meter of the burner, and atleast 2 meters away from windows and curtains.
- Only use in well-ventilated rooms.
- Do not store the fuel in the same area as the Burner.
- Do not use as a means to cook. Keep away from children.
- Cut-out should be according to the drawing
- The wall itself should be non-flammable
- e-Ribbon Fire needs to be connected to the mains. Make sure there is a power socket for 220 - 240V AC 50Hz inside the cut-out.
- Follow sample installation on the next page.
- Aquashi strongly recommends installing one or more glass shields in order to protect the flame draught, while keeping it vivid.

Bioethanol Burner	Denver F3		Rev. 0	
<p>The information contained in this drawing is the sole property of Aquashi. Any reproduction in part or as a whole without the written permission of Aquashi is prohibited. Aquashi reserves the right to update all designs, specifications and data sheets without prior notice.</p>				

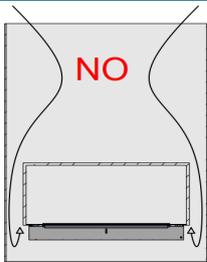
Bioethanol Burner - Denver F3 (Automated)

Sample Installation

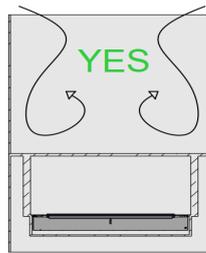


The glass shield is available on request and can be mounted on the furniture/wall in which the fire place is installed. Please see above the situation where the glass is optional and where it is mandatory.

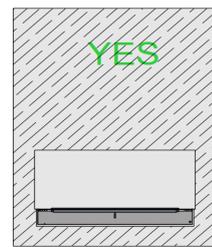
Installation guide - Wall Construction:



Do not! Install Bioethanol Fire Burner in a wall construction which is open above and below fire place.

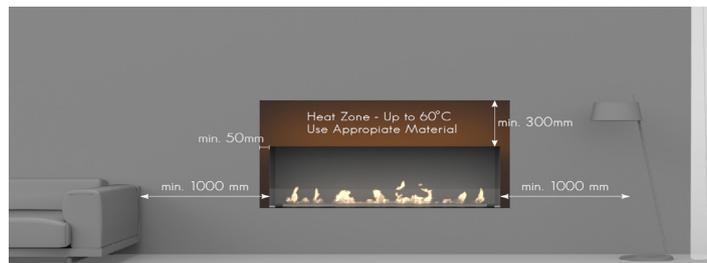


Do! Install Bioethanol Fire Burner in a wall construction which is closed above and below fire place. Make sure to create a closed cavity for then section below and baseplate of the fire.



Do! Install Bioethanol Fire Burner in a massive wall (Solid wall made of bricks, stone or gasbeton).

Installation guide near Television or any furnitures:



Bioethanol Burner	Denver F3		Rev. 0	
<p>The information contained in this drawing is the sole property of Aquashi. Any reproduction in part or as a whole without the written permission of Aquashi is prohibited. Aquashi reserves the right to update all designs, specifications and data sheets without prior notice.</p>				