BIOETHANOL FIREPLACES WHERE SAFETY MUST TAKE PRIORITY

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Thanks to the development of bio-ethanol fireplaces, we can now enjoy the real fire even in the apartments with no ventilation system. When the bio-ethanol fireplaces were first introduced to the market, only manual devices were available. These weren't much more than metal containers manually filled with bio-ethanol and ignited with a lighter. The construction used little or no technology and posed serious threats of either spillage or fire explosion.

Drawbacks of Manual Bio-ethanol Fireplaces

The manual bio-ethanol fireplaces soon gained a bad reputation for causing injuries. The fuel residues burning at the bottom of the fireplace produce a flame that is practically invisible to a human eye. The majority of accidents happen when fuel is added to what seems to be extinguished fireplace, causing sudden blasts and burns.

Rise of Automation

Thanks to technological advancement and the introduction of automatic bio-ethanol fireplaces, we are no longer limited to unsafe manual devices.

The automatic BEV® technology means that there is no direct contact between the fire and bio-ethanol. The fuel is contained in a separate reservoir inside the fireplace from where it is pumped into the vapour accelerator. Warm ethanol then evaporates through a perforated burner where it is ignited by a filament. The burning process takes place above the burner and guarantees that the flame has unlimited access to oxygen and is fully combusted. This prevents bad smell that is typical for the manual bio-ethanol fireplaces. The BEV® technology also allows to rapidly extinguish the flame by closing the vapour release.

Planika introduced electronic remote controllers and developed apps and integrated Smart Home systems giving you full control of the fire, i.e. starting your bio-ethanol fireplace, extinguishing it or even regulating the flame stages, all from the comfort of your seat.

Another benefit is a pump that delivers the necessary amount of bio-ethanol and automatically stops when the reservoir is full. Such a feature guarantees you will never spill the fuel again! Also, the system won't add fuel when the fireplace is still working or cooling.

Be Aware of Scammers!

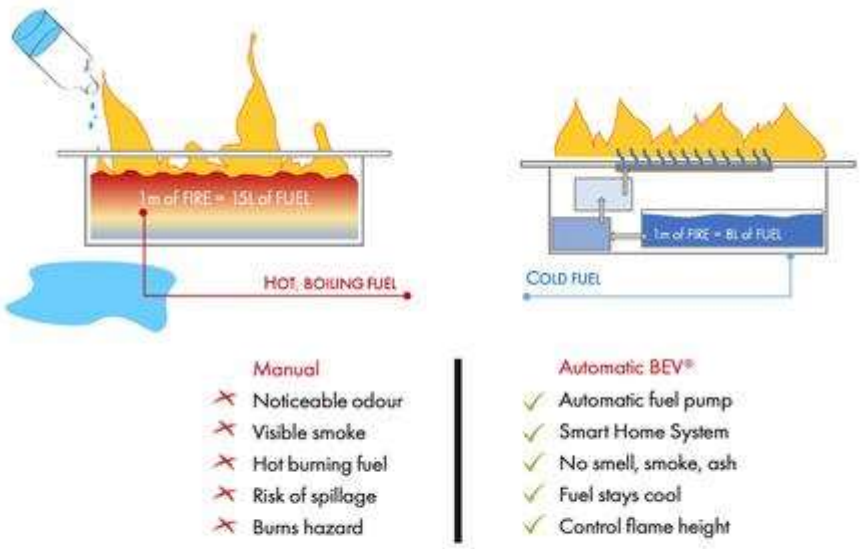
Some bio-ethanol fireplaces are wrongly described as automatic and in reality, most of them are not much different from manual ones. Adding a spark ignitor or a peristaltic pump does not automate the combustion process. Once hot, they pose the same threats as the manual bio-ethanol fireplaces. To distinguish between the two types, remember that the true automatic fireplace produces flames by burning ethanol vapours. Ask questions about the implemented technology and don't let fake claims mislead you.

Automatic Bio-Ethanol Fire Opens New Possibilities

Although the automatic BEV® fire is a relatively new invention, it is already becoming more and more popular amongst architects and interior designers alike. If you are considering buying a fireplace and don't want to modify your house or apartment, the automatic BEV® bio-ethanol fireplace seems to be the only option meeting even the most robust health and safety requirements.

Key Differences Between Manual and Automatic BEV® Devices

Non-automatic fireplaces consist of a metal container that is manually filled with bio-ethanol and ignited with a lighter. The construction is extremely simple and poses serious threats of spillage, burns and exploding fire.



Automatic BEV® technology guarantees complete separation of the fuel tank and fire. This, coupled with multiple sensors, meets even the most robust safety requirements.

WHY PLANIKA?
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Worldwide Experience

- Over 15 years on the market
- Installed in over 80 countries
- Numerous projects on every continent
- Patented BEV Technology
- No direct contact between the fuel and the flame
- No smell, no smoke, no ash
- Cleanest combustion process
- Natural, golden flames
- Longer burning time
- Intelligent Features
- Multiple safety sensors: temperature sensor, tilt sensor, child lock, CO2 sensor, overfill sensor = advanced safety
- Smart device control
- Smart Home system compatible
- Remote control
- Advanced microprocessor overseeing the operation of the fireplace
- No hard connection and chimney for unlimited arrangement possibilities
- Easy installation