

aFire Ethanol Burner FAQ's



Descriptive Title	Overview of Issue	Descriptive Answer/Process
Air Intake Requirements	When installing a BX120 aFire burner, do we need to consider air intake?	The unit requires oxygen for combustion. So you cannot seal the unit within a glass box. There needs to be fresh air from the room accessible to the fireplace. If using a glass shield in front of the fireplace, allow openings at each side (or top and bottom) so there is adequate airflow. It is difficult to estimate what is required as each installation is unique. You are always welcome to submit your drawings (or sketch) and we will offer guidance.
International Shipping with aFire	Can aFire ethanol burners or AFIREWATER units be shipped internationally?	Our US Warehouse will only ship to locations within North America. If you require shipment outside North America please contact us and we will determine if we can assist you, or we will refer you to a local partner in your country (if available).
Recommended Fuel	What type of ethanol should I use for Afire USA devices?	Use only ethanol specifically formulated for burning in an indoor vent less ethanol fireplace. Ethanol fireplace fuel must be 95-97% pure Ethanol. We recommend using only SMARTFUEL™ from Lumina Products as it is a high quality and affordable fuel. We offer owners of AFIRE fireplaces/burners a 10% lifetime discount for SMARTFUEL™. You can purchase at this link: https://www.luminaproducts.com/collections/smartfuel-afire
Lighting Extinguishing	How to light/extinguish electronic fireplace?	You can accomplish this from the included remote and using the buttons on the burner adjacent to the digital display. Refer to your owners manual for instructions.

<p>Afire Burner Safety</p>	<p>Will the burner get hot during use?</p>	<p>As the flame always remains at the top of the burner, the body of the burner will not get hot. The top plate of the burner will not become hot enough to burn under normal operation. However, this is open flame and the flame generates heat. So all materials surrounding the fireplace must be non-combustible - such as metal, stone, ceramic, concrete, etc.</p>
<p>Connecting Modulo Units</p>	<p>How long can I make my burner?</p>	<p>Individual burners start at 16" and are available up to 72". Using our Modulo system, you can build unbroken ribbons of fire up to 50Ft in length. And even turn corners.</p>
<p>SASA Fireplace: Wall-Mount</p>	<p>Do you have a wall-mount fireplace?</p>	<p>The SASA fireplace hangs on the wall and is available in medium, large and extra-large sizes (see website). It is available in black and white. Get more info at this link: http://afireusa.com/wall-fireplace-sasa/</p>
<p>aFire Ethanol ADD Inserts</p>	<p>Do you have a burner I can use to retrofit an existing fireplace?</p>	<p>Yes, the ADD fireplace is made specifically to set inside your existing fireplace. It comes with different colored decorative balls - select from: gold, white, black and stainless. Body color options include black and white. Get more info at this link: http://afireusa.com/add-ethanol-insert/</p>
<p>aFire Ethanol Error Codes</p>	<p>What does my error code mean?</p>	<p>Please refer to this link for a list of the error codes and meanings:</p>

<p>Adding Fuel to the Burner/Fireplace</p>	<p>How do I add fuel to the fireplaces/burners?</p>	<p>Refer to your owners manual for more information. The burner has a sealed tank and the fuel is automatically pumped into the combustion chamber at top of the unit. You must open the access door on top of burner to access the fill port. The door will not open if the unit is in operation or hot. This is an advanced safety feature. Once open you can insert a funnel and slowly add fuel until full. DO NOT OVERFILL. The unit will emit an audible beep when full. Refer to page 5 of this link for warnings and precautions: https://workbuddy.sharefile.com/d-s097e89ad05a42238</p>
<p>Installation</p>	<p>How do I install an aFire burner and how much clearance is needed?</p>	<p>All installation instructions and requirements are in the user manual which can be sent via email in advance so builders can build out the space accordingly.</p>
<p>Fuel Consumption</p>	<p>How much fuel does the BL 100 burn per hour?</p>	<p>1 Liter/Hour</p>
<p>BTU's Per Hour</p>	<p>For the BL 100, what is the heat expected to be emitted from these units?</p>	<p>The BL 10 generates 21,000 BTU's per hour. Product spec sheets have this inform for each unit. Due to the construction of the burner (combustion tray sitting at the top of housing) the housing itself does not get hot. Even after a few hours of burning you can lay your hand directly on the top surface of the burner within an inch of the flame and it will not be too hot to touch. However, that flame itself is putting out heat as rated above. So back wall and any overhanging surface should be non combustible and constructed in accordance with your local building codes.</p>

<p>First Time Lighting</p>	<p>My BX 150 (or BX 180) with dual burners - only the right burner is lighting.</p>	<p>If it is the first time you have burned, it needs to be filled at least half full. So 6-8 liters. This is necessary to make sure everything primes correctly the first time. Try again with more fuel and let us know if it still will not work.</p>
<p>aFire Ethanol vs. Planika and Ignis</p>	<p>What is the difference between your system and the other automatic ethanol fireplaces on the market such as Planika and Ignis?</p>	<p>Planika has one more step in their system. They gasify the ethanol so you are burning fume not liquid fuel. Its one more step in the process and adds cost and complication. Their unit requires a fan running constantly inside the unit and they must pull in outside air requiring a ventilation grill. The fuel reservoir inside their unit is plastic which is not a good solution in our opinion. Ignis is similar in principal to our units. It gets down to the fact that aFire has been in this business for 15 years and developed this technology. We produce in our own factory. aFire only makes one type of burner - Electronic. So we are very focused on our products and continued innovation. Ignis is purchasing from a large manufacturer of manual burners who has adopted this technology. They do not use the same level (quality) of sub components that are found in aFire burners. You are making a sizeable investment in your fireplace burner. So you should consider who is behind the unit, what is the quality underneath the steel housing, and their ability to quickly service any problems that may arise. We pride ourselves on our world class support.</p>