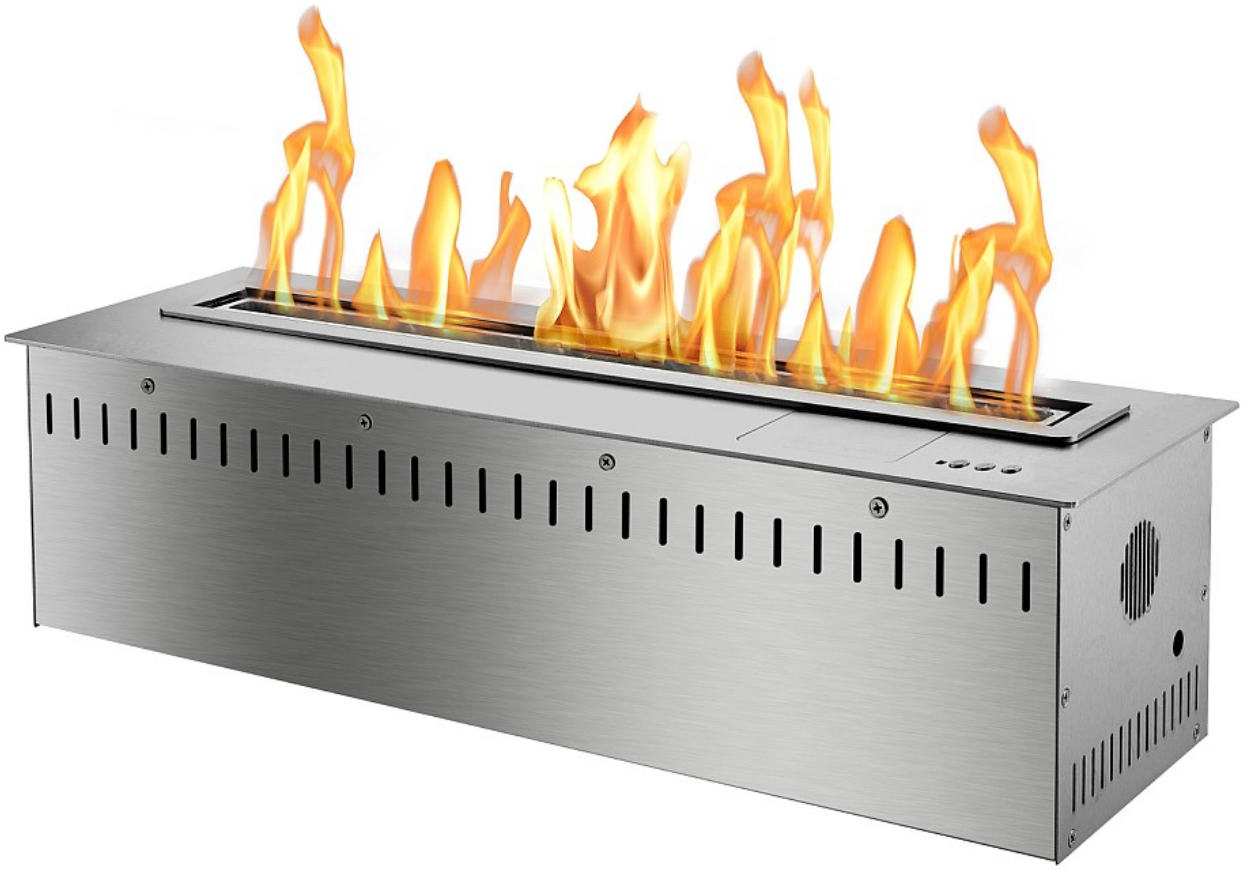
SMART BIO-ETHANOL

ELECTRONIC BURNER



User’s Manual

What’s in the box:

Smart Burner---------- 1pc

Remote Control ---------- 1pc

AC Adapter ----------1pc

Filling Hose ---------- 1pc

Siphon Hose---------- 1pc

Lift Up Handle---------- 1pair

User’s Manual ---------- 1pc





Device equipped volts:AC100-240v Current :2-6A 150W Frequency: 50-60 Hz.

Device equipped with a remote control (Battery not included).

Device equipped with some spare parts.(Remote Controller, Filling Hose, Plug,handle)

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1, Connect & Install

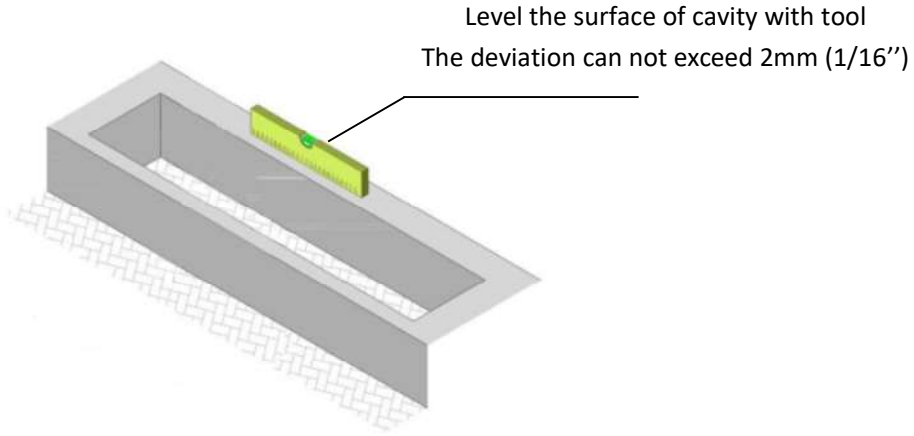
THE INTELLIGENT ETHANOL BURNER IS DESIGNED TO BE USED INDOOR ONLY

•Remove all packaging materials prior to installing the burner.

• Choose a location 4 feet away from flammable objects or materials (drapes, fabrics, furniture, etc.).

•Power adapter connects from the right side of the burner. Please make all preparations for electrical wiring prior to installation.

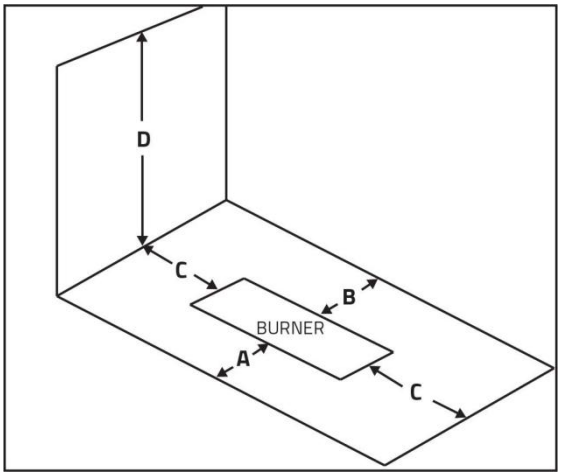
• The fireplace is intended to be placed on a floor or sturdy surface. Use a spirit level to ensure that the place is perfect leveled



•The Smart Ethanol Burner can be fitted into a firebox that has minimum clearances as outlined below.

•Custom made fireboxes must be made out of a non-combustible material such as stainless steel, stone, wonder board. Please leave an electricity power connection socket on the right side under/near the hole for burner fit in. And please have this socket electricity supply can control on/off from outside wall.

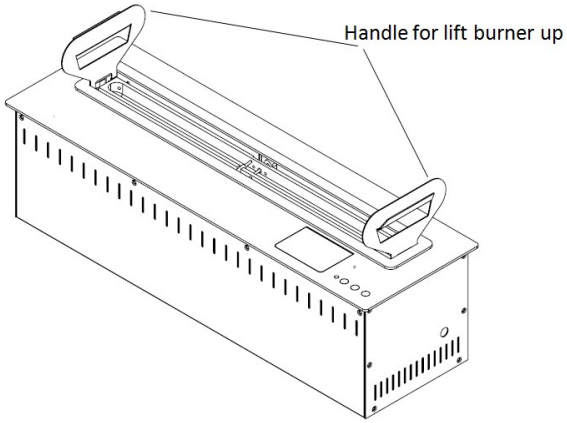
Front Clearance (A)	Rear Clearance (B)	Side Clearance (C)	Overhead Clearance(D)	Nearest combustible Radius
4 inch 10cm	4 inch 10cm	4 inch 10cm	24 inch 61cm	24 inch 61cm



• Plug in adapter properly (And smart home wire if the unit is upgraded with smart home system)



• Lifting up the fireplace and move it slowly, put in the horizontal position, avoiding shaking.



2, Required Reading Before Use

IMPORTANT!!!

• Before filling your burner, it is important that you follow the step-by-step instructions that follow on the next two pages.

DO NOT PRESS THE POWER BUTTON MORE THAN INSTRUCTED.

• When you press the power button once, it only initiates the burner itself - not the flames.

• When you press the power button a second time (when instructed), it initiates the pilot and fuel flow.

NEVER PRESS THE POWER BUTTON A THIRD TIME.

• During the initial use, you will notice the pilot become red and fuel begin to drip into the combustion tray. Fuel will continue to flow for approximately two (2) minutes, as the pumps are being primed. During this time, DO NOT PRESS THE POWER BUTTON.

• Please Note: This burner is equipped with a ten (10) minute safety feature, indicated by the power & both arrow buttons flashing for 1 minute and non-response until temperature reach safe data. Once the burner is powered off, you must wait ten (10) minutes prior to using again.

Warning: Never refill the burner when the fireplace is operating or still hot.
Never pour fuel into a burning flame.
Allow the burner to cool down for at least 30 minutes before refilling.

3, Fuel Information

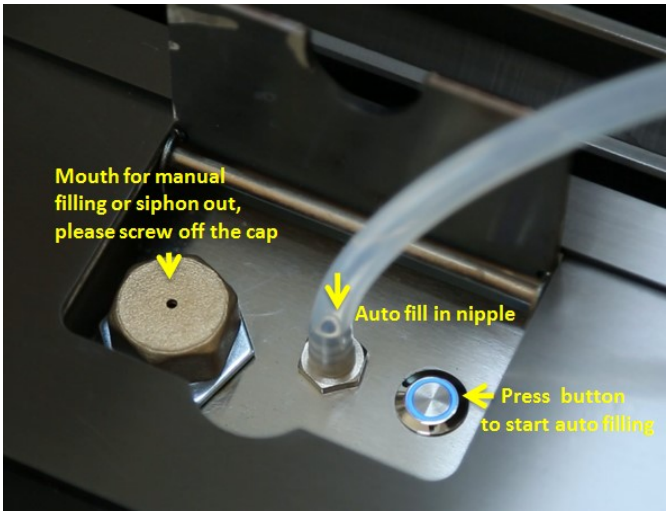
• USE ONLY APPROVEDBIO-ETHANOL LIQUID FUEL (95% up purity) FOR INDOOR FIREPLACES.

Bio-Ethanol Liquid Fuel for fireplaces burns clean without emitting any toxins into the air. Only harmless water vapor and CO2 are produced as byproducts.

4, Automatic Fill

The fireplace needs a minimum fuel level to get work .

Fireplace Model Size	Minimum fuel level
18 INCH	**0.4L**
24 INCH	**0.6L**
30 INCH	**0.8L**
36 INCH	**1L**
48 INCH	**1.5L**
60 INCH	**1.9L**
72 INCH	**2.3L**
84 INCH	**2.8L**



• Make sure the burner is connect with power supply.
• Press the fuel door located on the front right-hand side as you face the burner.
• Insert one end of the fuel hose into the fuel tank nipple.
• Insert the opposite end into the bottle of liquid ethanol fireplace fuel.
• Press button illuminated in blue, located to the right of the nipple.
• Continue filling until process automatically stops.
• If just want to fill a little fuel to have a try on this device, please in accordance to the burner's minimum trigger level(Refer to 6 Minimum fuel capacity).
• Carefully remove the hose from both the nipple and the bottle, cleanup any fuel that has spilled.
• Close the fuel door.
• Press power button TWICE within 10 seconds to ignite burner.

5, Manual Fill

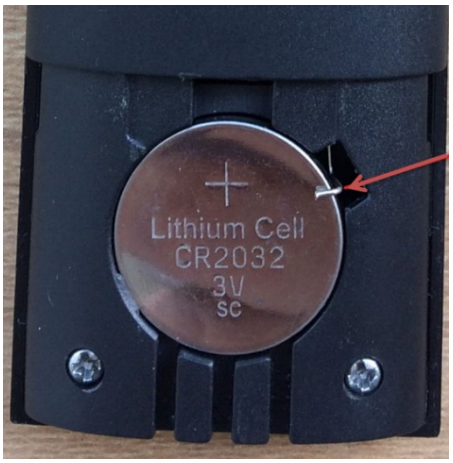
• Open the fuel door located on the right-hand side as you face the burner.
• Remove the gold-colored cap that is located on the far left.
• Insert a funnel in order to safely pour the liquid fuel into the fuel tank.
• Pour the fuel from the bottle into the funnel, please stop filling once the light of button which next to the filling hole is off. The blue lighting off indicates it reach the max fuel level. But please in accordance to the burner's minimum trigger level(Refer to 6 Minimum fuel capacity).
• Once you've filled the fuel tank to the desired level, shake the funnel before removing to ensure that excess fuel isn't spilled. Wipe up any fuel that may have dripped.
• Replace the gold cap on the fuel tank.
• Close the fuel door.
• Press power button TWICE within 10 seconds to ignite burner.

Note: If both green arrows is flashing along with 1 long and 1 short beep, this indicates that the fuel is not reach minimum trigger fuel level.

7, Remote Control Battery

• Open the removable panel on the back of the remote control.
• Place Lithium Cell CR2032 3V battery inside ensuring that the positive (+) is facing you.
• Ensure that the stainless steel ground is ON TOP of the battery.
• Close removable panel.

See illustration.



8, Flame Size Adjustment

Once the flame reaches the entire length of the combustion tray, you may adjust its intensity (flame length)at your discretion. Simply press the "UP" arrow on the burner casing or remote control device for a more intense flame; The "DOWN" arrow for a less intense flame. The Smart Burner Series is equipped with 6 adjustable heat settings: On, Flame size 1, Flame size 2, Flame size 3,Flame size 4, Off.

9, Extinguishing Flame

• To extinguish the flame, simply press the power button on the burner casing or remote control one time.

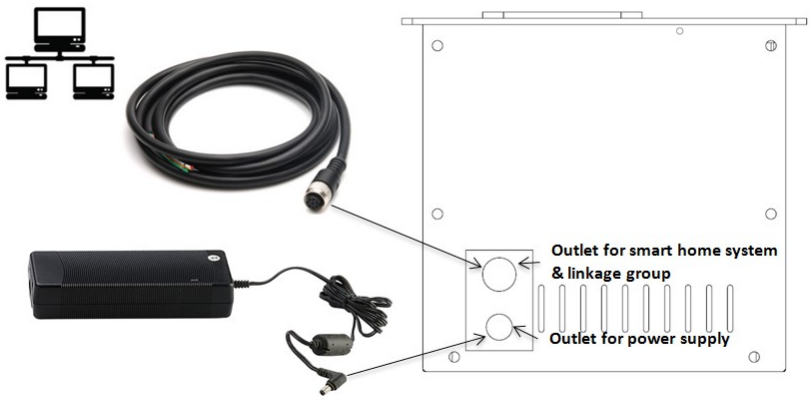
• Once power button has been pressed, the pump will cease introducing fuel into the combustion tray.

• As confirmation that the burner has been powered off, the green power button and arrows will be illuminated.

• The remaining fuel in the combustion tray will burn off. This may take a few minutes after powering the burner off.

• Please Note: This burner is equipped with a ten (10) minute safety feature, indicated by the power & both arrow buttons flashing for 1 minute and non-response until temperature reach safe data. Once the burner is powered off, you must wait ten (10) minutes prior to using again.

10, Linked Group Connection (Optional)



Step 1: Please connect both burners with power supply.

Step 2: Link burners with cord between hose with sub-burner.

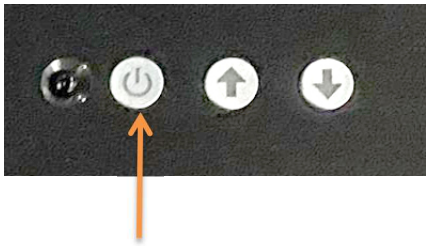
Every operation on host burner will be conducted to the sub-burner as well except fuel filling. The button on to panel of sub-burner is also valid, but

11, Unlock Child Lock (Optional)

Child lock will be activated when the fireplace is powered on.

To Unlock

Option 1: Keeping pressing the power button for 3-9 seconds Until hearing a beep sound .



Option 2: Keep Press home button on remote for more than 3 seconds, until hearing a beep sound.



12, Fine Adjustment on Fuel Consumption Setting

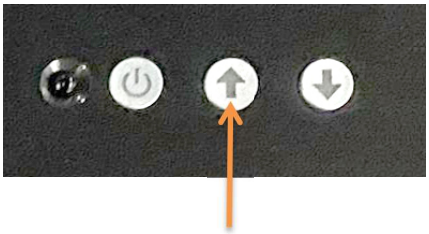
In case the flame size doesn't reach satisfied level, please try find adjustment as follow guide:

Fine adjusting on 1st chamber:

A : Decrease flame size

A1 :Make sure the flame in largest setting

A2:Keep pressing on up arrow button "↑" on fireplace , in the mean time, press home button on remote twice and press decrease button once

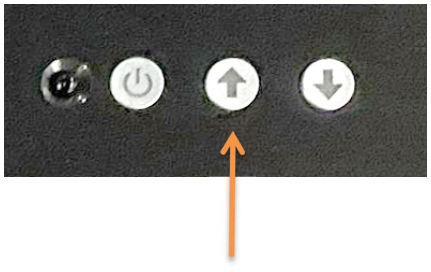




B: Increase flame size

B1 :Make sure the flame in largest setting

B2:Keep pressing on up arrow button "↑" on fireplace , in the mean time, press home button on remote twice and press increase button once



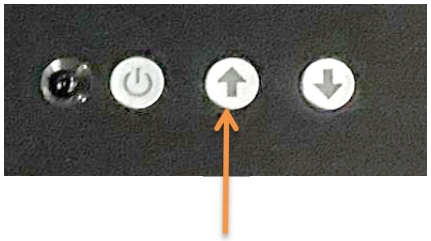


Fine adjusting on 2nd chamber (Only applicable for burner with two chambers):

A : Decrease flame size

A1 :Make sure the flame in largest setting

A2:Keep pressing on up arrow button "↑" on fireplace , in the mean time, press manual button on remote twice and press decrease button once

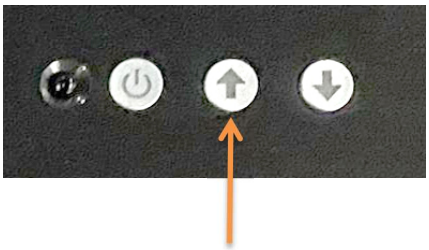




B : Inecrease flame size

B1 :Make sure the flame in largest setting

B2:Keep pressing on up arrow button "↑" on fireplace , in the mean time, press manual button on remote twice and press increase button once

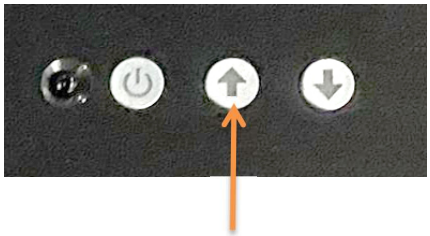




Resume to default setting:

Make sure the flame in largest setting

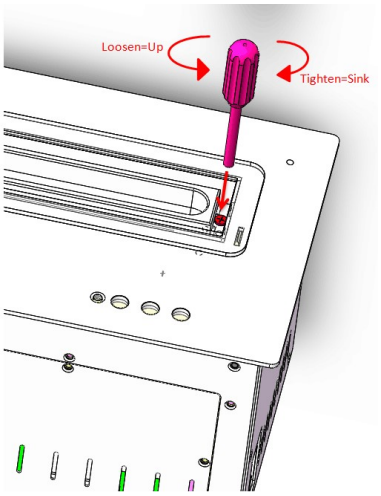
Keep pressing on up arrow button "↑" on fireplace , in the mean time, press return button on remote three times.





13, Adjusting combustion tray to horizontality

If the flame only stay at one end in large flame setting after light on for more than 10 minutes, that's mean the combustion tray is not sit right in horizontally, please turn off the burner. After burner cool down, please use a screw driver to tighten(sink) or loosen(up) the screw in order to let this end of the chamber sink or up a little. See illustration for reference.



NEVER DO THIS WHEN THE BURNER IS LIGHTING ON OR STILL HOT.

14, Cleaning

1. The burner surface must be cleaned regularly. Use warm water and soap.

2. Check the cover of burner for warping or damage before using.

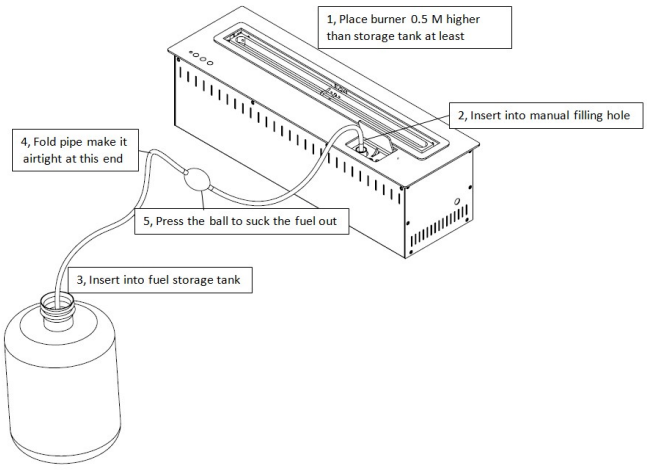
3. Marks can be best removed with a soft cloth and a mixture of lukewarm water and a small amount of cleaning liquid (ph-neutral). We recommend cleaning the stainless steel items regularly to prevent contamination.

CAUTION: Never use chemical, steel-wool or scrubbing sponges to clean the fireplace. It can damage the surface.

The manufacturer cannot be held responsible for any damages resulting out of improper use and/or cleaning of the products.

15, Siphon Fuel Out of Burner

Please empty the fuel inside burner in occasion of store this burner or transport it to other place. Please use the siphon hose which with a black ball to siphon fuel out of the burner as per below instruction. Please keep this siphon hose lifetime of the burner in case need it in future.



16, Warnings



1. Fireplace and burner get hot while in operation. Do not touch the fireplace while burning. Please allow at least 30 minutes to cool down before touching the product after flame is extinguished.
2. Risk of burns. Do not operate the ethanol fireplace without completed assembly.
3. Do not fill fuel into an open flame or into the burner reservoir unless it has cooled down for at least 30 minutes after use.
4. Do not place any flammable material within 1 meter/ 40 inches around the fireplace. A safety distance of at least 2 meters/80 inches should be kept from any window or curtain.
5. Do not burn under over hanging items.
6. Do not smoke while handling the fuel.
7. Protect fireplace against draft (fans high breeze). Never fan the burner. Do not position the fireplace near combustible items.
8. Risk of Explosion

i. Never use any fuel other than Bio Ethanol that is specifically intended for use with indoor vent less ethanol fireplaces. Never use gasoline.

ii. Never use the appliance in areas where flammable vapors or gas may be present.

iii. Never store or transport the fuel in other than a metal or plastic container that is acceptable for use with the specified fuel in accordance with the Consumer Chemicals and Containers Regulations 2001 and is the original container for the specified fuel.

iv. Never store fuel in the living space or in the same location as the appliance.

9. Do not use the appliance to heat or boil water or use as a cooking appliance.
10. Due to high surface temperatures, keep children, clothing, and furniture away.
11. Risk of Indoor Air Pollution - Use ethanol fireplace only in well-ventilated areas and with doors of adjacent room open. Do not obstruct air flow to the burner by piling logs over the burner, but only around it and do not obstruct the burner in any other way or with any other material. People with breathing problems should consult a physician before using the ethanol fireplace.
12. THIS APPLIANCE HAS NOT BEEN TESTED WITH DOORS OR AN UNVENTED GAS LOG SET. TO REDUCE RISK OF FIRE OR INJURY, DO NOT INSTALL DOORS OR AN UNVENTED GAS LOG SET INTO THIS APPLIANCE.

17, Data Sheet

Model No.	Burner Size	Flame length	Capacity	Burn Time	Heat output
SR18	457.2 L x 193mm W x 168mm H	339mm	2.6 L	3.6-4.4 H	3849W ~ 4704W
SR24	610mm L X 193mm W x 168mm H	492mm	4.1 L	5-7 H	3815W ~ 5341W
SR30	762mm L x 193mm W x 168mm H	644mm	5.7 L	5.4-9.8 H	3788W ~ 6875W
SR36	908mm L x 193mm W x 168mm H	790mm	7.3 L	5.7-10.5 H	4528W ~ 8342W
SR48	1220mm x 193mm W x 168mm H	1102mm	10.3 L	5.8-12.5 H	5367W ~ 11567W
SR60	1524mm L x 193mm W x 168mm H	1406mm	13.5 L	6.1-15.4 H	5710W~14415W
SR72	1829mm L x 193mm W x 168mm H	1711mm	16.5 L	5.9-17.7 H	6072W~18216W
SR84	2133.8mm L x 193mm W x 168mm H	2015.8mm	19.5 L	5.9-20.8 H	6106W~21529W
SR96	2438mm L x 193mm W x 168mm H	2320mm	22.6 L	6-21 H	7010W~22534W
Model No.	**Burner Size**	**Flame length**	**Capacity**	**Burn Time**	**Heat output**
SR18-BEV	457.2 L x 193mm W x 168mm H	339mm	2.6 L	7.3-8.8 H	1.6-1.9 KW
SR24-BEV	610mm L X 193mm W x 168mm H	492mm	4.1 L	8.8-11.7 H	1.9-2.5 KW
SR30-BEV	762mm L x 193mm W x 168mm H	644mm	5.7 L	10.9-14 H	2.2-2.8 KW
SR36-BEV	908mm L x 193mm W x 168mm H	790mm	7.3 L	10.5-14 H	2.8-3.7 KW
SR48-BEV	1220mm x 193mm W x 168mm H	1102mm	10.3 L	11-14.7 H	3.7-5 KW
SR60-BEV	1524mm L x 193mm W x 168mm H	1406mm	13.5 L	11.6-15.5 H	4.7-6.2 KW
SR72-BEV	1829mm L x 193mm W x 168mm H	1711mm	16.5 L	11.8-15.8 H	5.6-7.5 KW
SR84-BEV	2133.8mm L x 193mm W x 168mm H	2015.8mm	19.5 L	11.3-15.2H	6.2-8.4 KW
SR96-BEV	2438mm L x 193mm W x 168mm H	2320mm	22.6 L	11.9-15.9 H	6.6-8.7 KW

18, Troubleshooting

Warning Beeps	Error	Solution
One short beep: B,B,B,B,B,	CO_2 density reaches warning level	Keep room ventilated ASAP
Two short beeps: BB,BB,BB,BB,BB	Overheating burning chamber	Shut down unit and wait until it’ s cool down
Three short beeps: BBB,BBB,BBB,BBB,BBB	Overheating fuel tank	Leave the burner shut off and wait until it’s cools down
Four short beeps: BBBB,BBBB,BBBB,BBBB,	Burner is not level	Make adjustment to the burner level and restart unit
One short beep with One long beep: BB~~,BB~~,BB~~,BB~~,	Fuel shortage	Shut down the unit, wait until it’s cool down and refill it with more fuel
Two short beeps with One long beep: BBB~~,BBB~~,BBB~~,BBB~~	CO_2 warning	Keep the room ventilated and then restart the unit if necessary

Three short beeps with One long beep: BBBB~~, BBBB~~	ignition failed or fire extinguished. Burner will stop working within 30 seconds.	Restart the burner after it cool down
Four short beeps with One long beep: BBBBB~~, BBBBB~~	Fuel tank reached maximum capacity;	Press the blue button to stop beep alarm. Please stop filling fuel if you fill manually.

19, Warranty

1. Our fireplaces are guaranteed 5 years, parts and labor. Warranty begins on the date of purchase.

2. Warranty will be applied on presentation of a dated cash receipt and is strictly limited to factory service repair of the piece or pieces that are found to be defective.

3. Installations costs will not be reimbursed in any case as damages for any reason whatsoever.

4. Manufacturer will not be held responsible for any incidental or consequential defects, on goods or individuals.

5. The warranty will not be applied if devices have been subjected to abnormal use or if used under other conditions of use than the ones they were intended for.

6. The warranty will not apply in case of deterioration or accident due to negligence, damages caused by failing to maintain and service the device or resulting from an alteration of material.

Warranty Claim Form

*Please fill out all the fields

Name _____

Address: _____

Purchased from: [redacted] Order Number: [redacted]

Model Name / Number: Date of Purchase:

Description of Your Claim:

_____

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