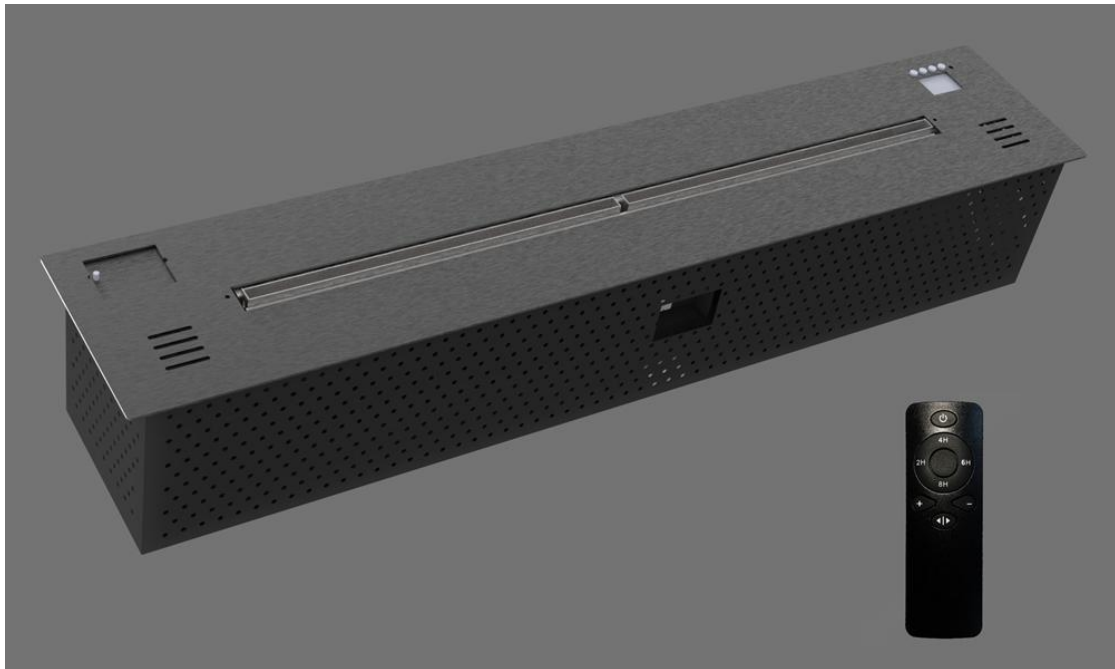


# **3 Stage Ethanol Flame**

## **Model AF120**

### **--122cm long**



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**Art Fireplace Technology Limited.**

**PROFESSIONAL INTELLIGENT FIREPLACE MANUFACTURER**

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**TECHNICAL DATA: AF120**

**Remote controlled Ethanol Burner (122 cm 48.03 in)**

**Flame 93.5 cm (36.81 in) width**

**Electronic ignition and security detectors**

- 1, Technical details
- 2, Dimensions of the burner
- 3, Minimum dimensions of safety
- 4, Operating Procedure



**1. TECHNICAL DETAILS**

<1>Automatic ignition ordered by electrodes. ON/OFF switch and remote control.

<2>Automatic injection function into the tank.

<3>Security detectors which stop the burner in case of abnormal operation.

<4>Security detectors: CO<sup>2</sup>, heat, burner level, tank level, level of filling, Leak etc...

<5>LED display: operating time, error messages and beep sounds.

<6>Stainless steel ethanol burner. Thickness of the top plate 3 mm.

<7>Electronically managed Swedish Electric pump for filling the burner (from the medical field)

Adapter: 12 V / 100-240 V (50-60 Hz)    Output: 7 500 W

Tank capacity: 16.00 L    Net Weight: 37 KG

Consumption: 0.7-1.10 liter/hour

Dimensions: 122 / 24 / 21.5 cm ( 48.03 / 9.45 / 8.46 in )

SECURITY: Product meets electronic safety standards. CE/FCC/IC

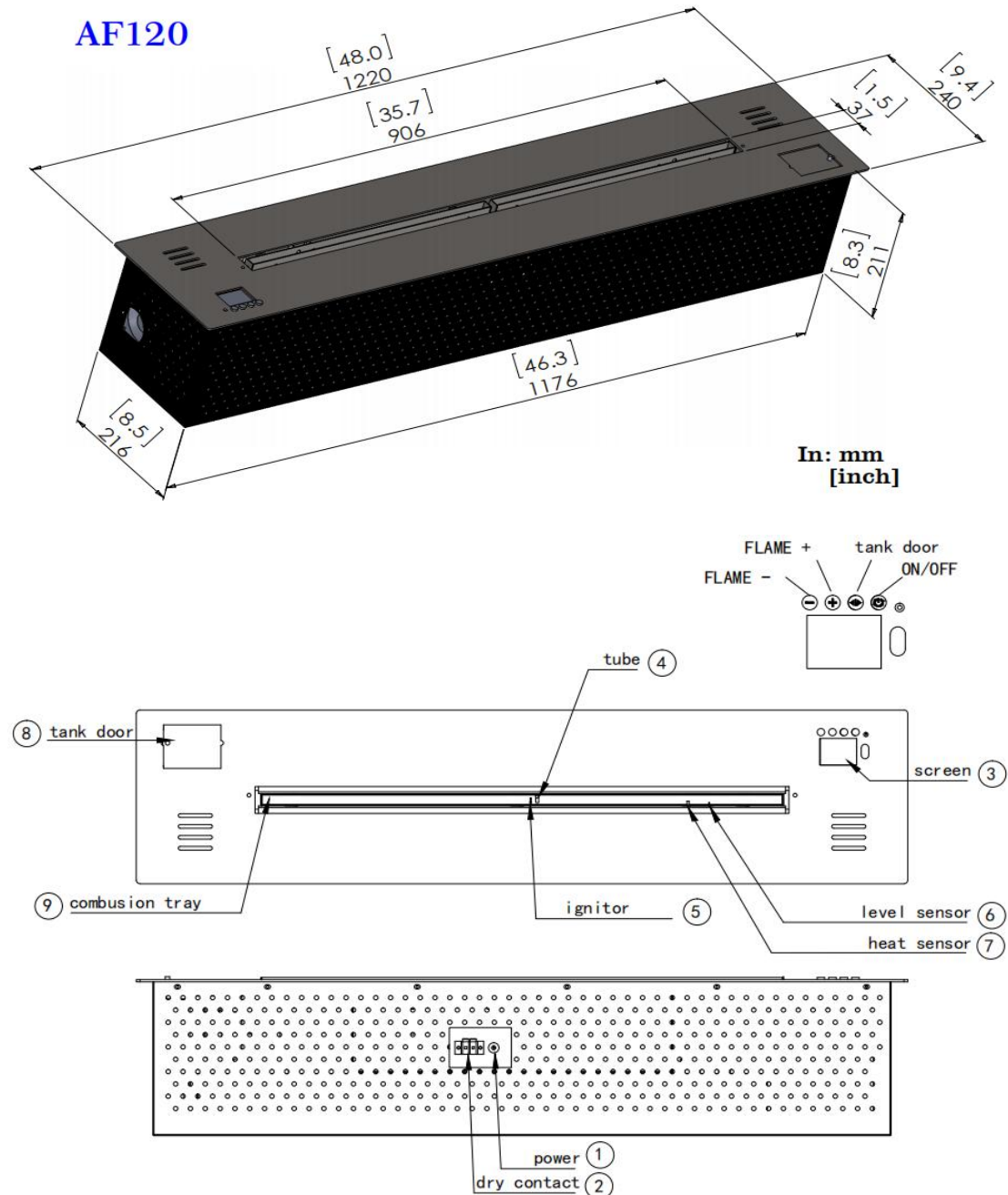
**TECHNICAL DATA: AF120**

**Remote controlled Ethanol Burner (122 cm 48.03 in)**

**Flame 90.6 cm (35.67 in) width**

**Electronic ignition and security detectors**

**2. DIMENSIONS OF THE BURNER**



- 1, Before connecting electronic power to the burner, close the tank door well.
- 2, Connect electronic power to the burner, then wait 3 second, and then operate the burner.
- 3, If you want to turn on the burner, keep pressing the On/Off button 5 seconds or press the remote controller.

**TECHNICAL DATA: AF120**

**Remote controlled Ethanol Burner (122 cm 48.03 in)**

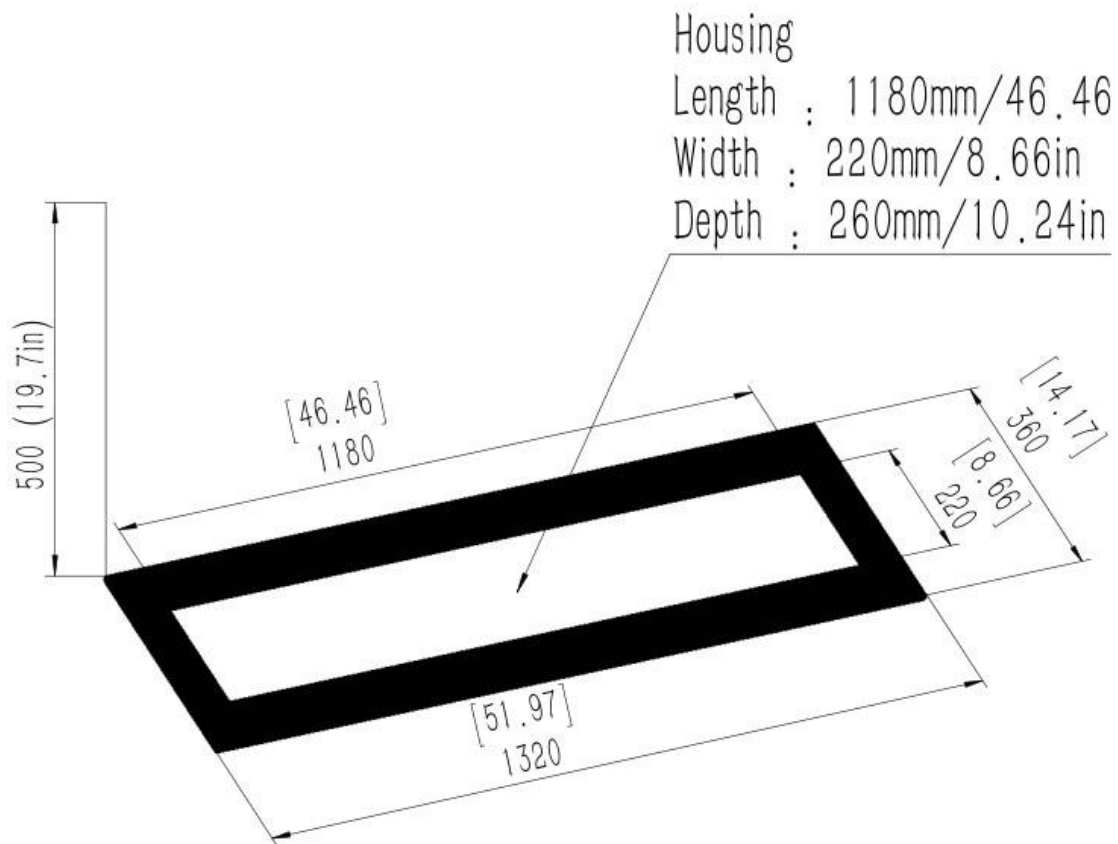
**Flame 90.6 cm (35.67 in) width**

**Electronic ignition and security detectors**

**3. MINIMUM DIMENSIONS OF SAFETY**

Minimum dimensions of safety with non-flammable materials

Above: 50 cm 19.7 inches. Edges: 7 cm 2.75 inches. Back side: 7cm 2.75 inches.



**4. OPERATING PROCEDURE**

**<1>Power supply**



Connect the provided 12V adapter

**TECHNICAL DATA: AF120**

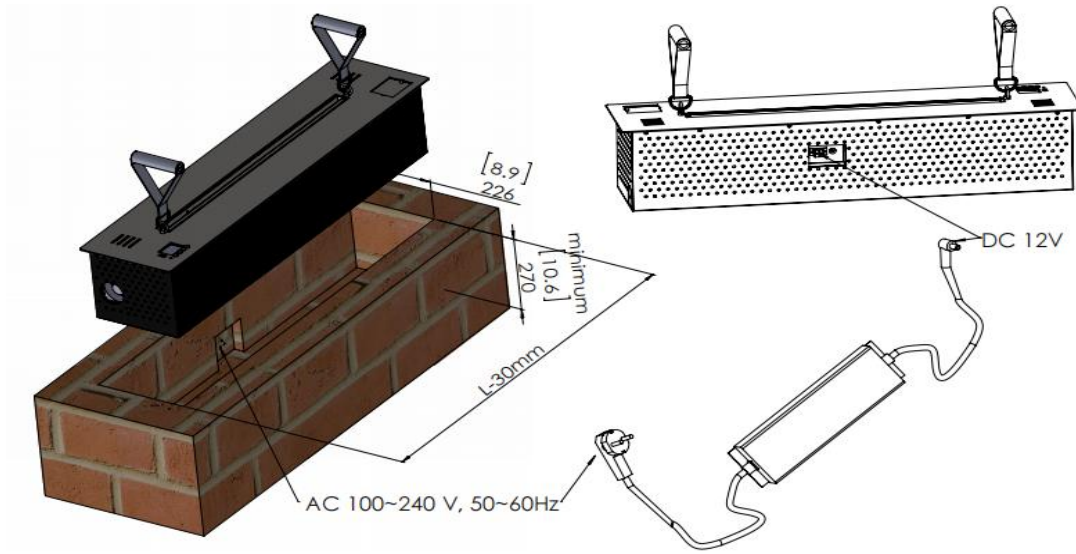
**Remote controlled Ethanol Burner (122 cm 48.03 in)**

**Flame 90.6 cm (35.67 in) width**

**Electronic ignition and security detectors**

**<2>Installation**

Insert the ethanol burner



**<3>Automatic and Manual Injection Function:**

Use only bio ethanol 95 – 97% and Pure Water

Press on the tank door button or the remote controller to unlock the tank door.

Then open the door immediately, remove the cap and fill the tank with fuel and water.



**Automatic Injection Function:**

Use a plastic tube to connect the burner **1** and the external ethanol tank.

Keep pressing the button **2** three seconds, the light will turn blue and the ethanol will be pumped into ethanol tank.

When ethanol tank is full, the automatic injection will stop and the light will turn off.

Use a plastic tube to connect the burner **3** and the external water tank.

Keep pressing the button **4** three seconds, the light will turn blue and the water will be pumped into water tank.

When water tank is full, the injection will stop and the light will turn off.



Pull out the plastic tube and Close the tank door well.

After 5 seconds the door will be automatically locked.

**Manual Injection Function:**



Press This Button to open the door of the tank

**Attention:** Never fill the burner directly or fill the ethanol tank.



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**Thank you For Reading.**