

# WF30H AquaFlame Torch

## User Manual



## **Introducing "AquaFlame Torch"**

### **Ignite Your Imagination with Water-Powered Magic!**

Discover the enchanting glow of AquaFlame Torch, the revolutionary water-powered torch. Unleash the mesmerizing dance of light without the heat of a traditional torch. With a simple battery and water infusion, AquaFlame Torch brings the beauty of flames to life, transforming any space into a realm of wonder.

- **Ignite Imaginations:** Create an ambiance that captivates both young and old, as AquaFlame Torch's ethereal glow sparks creativity and wonder.
- **Harness Hydro Power:** Watch as the magic unfolds with AquaFlame Torch's water and battery combination, redefining the essence of flameless illumination.
- **Stunning Simplicity:** Embrace the tranquility of water-inspired radiance, eliminating the need for dangerous flames and complex setups.
- **Versatile Elegance:** Elevate your interior with AquaFlame Torch's sleek design, a contemporary masterpiece that complements any decor.
- **Safe Enchantment:** Enjoy the beauty of a dancing flame effect without compromising safety, making AquaFlame Torch perfect for any occasion.

Illuminate your world with AquaFlame Torch – where water and light converge to kindle moments of awe and enchantment.

Experience the allure of "AquaFlame Torch" today!

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## Overview

Thank you for using our company's products. This manual will provide you with a more detailed guide for correct use. In order to get better performance of this equipment, please be sure to read it carefully before installation and operation.

## Precautions

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### Warn!

This equipment is intended for professional use and is not intended for general household use.

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Before use, please read this manual carefully. The following are the items you need to pay attention to when using this equipment.

#### Charge

- ☐ Before charging, please confirm the voltage and current of the charger, try to use our supporting charger for charging.

#### Upward use

- ☐ When in use, keep one end of the flame upward, and it can be tilted appropriately. Generally, it should not be used upside down.

#### Add water before use

- ☐ Before use, you need to add water to the built-in water storage cup of the device, and the device will not work normally when there is a lack of water.

#### Dustproof storage

- ☐ When not in use, do not expose it to a place with a lot of dust for a long time, cover and store it, so as to prevent the water outlet of the atomizer from being blocked by dust.

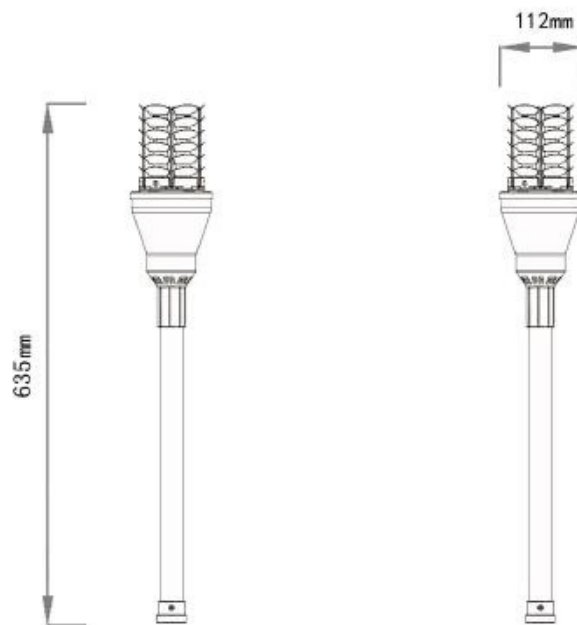
#### Keep water clean

- ☐ Please choose tap water or pure water source, and add water filter equipment, unclean water source will affect the quality of water mist and block the water inlet.

## 1. Product introduction

At present, the torches used in daily life or performances are still open flames containing flammable materials. They need to be used with great care, and there are certain safety hazards for the person holding them. They are also not environmentally friendly, waste energy and pollute the air. "AquaFlame Torch" uses the mist effect of water, combined with the rendering of lights, and the ingenious guiding wind path, to simulate realistic flames to achieve the effect of real ones. The flame moves with the wind, its shape is changeable, and it is safe and touchable.

- Innovative appearance design, the flame part is a grid-shaped lighting module, which not only guides the water mist reasonably, but also cleverly hides the leds used for rendering. The perfect fusion of water and light achieves a real one.
- The lower plastic mold shell is light in weight and comfortable to hold.
- The flame core is formed by the water mist generated by the atomizer. The mist is fine and moves with the wind, dissipate like smoke.
- The unique wind path design guides the direction of the flame very well, and the shape is changeable.
- The rendering light is controlled by the built-in chip, and the curve is adjusted.
- Built-in water storage cup, only consumes water and electricity, environmental protection and energy saving.
- Suitable for large-scale sports events, performances, theaters, entertainment and other application scenarios that require torches.



## 2. Introduction

"AquaFlame Torch" is easy to hold and use, and is powered by a built-in lithium battery. It only consumes water and electricity, and is easy to operate, convenient and flexible. Before use, please check whether the internal water and battery power are sufficient, if not, add water or charge the battery first.

### 1) Controloperation

The control of "AquaFlame Torch" is very simple. Just switch on and off the control button in the groove at the bottom of the handle. Press to turn onto work automatically, turn it off again to stop.



Figure 1

### 2) Add water operation

When you use it for the first time or observe that the amount of flame is weak during use, please add water in time. As shown in the figure below, the water filling hole of "AquaFlame Torch" is the upper water filling hole (the larger hole in the installation rubber block, without screws), and the matching syringe is used to slowly inject water from the water filling hole. From lack of water to filling up about 100mL. When water is discharged from the air inlet in the middle, it is proved to be full.



### 3) Charging Batteries

"AquaFlame Torch" comes with a large-capacity lithium battery inside, which can be used for more than 45 minutes when fully charged. As shown in Figure 1, there is a charging interface in the groove at the bottom of the "AquaFlame Torch" handle. First connect the charger output port to the charging port of the "AquaFlame Torch". At this time, if the charger plug is not connected to the AC power supply, the indicator light on the charger will turn green. Charge the battery when the charger plug is connected to AC power. At this time, the indicator light on the charger is red, indicating that it is not fully charged, and green, indicating that it is fully charged. Please use the factory matching charger for charging (DC12.6V/2A).



### 3. System maintenance

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#### WARM!

When the device is not in use, please turn off the power in time.

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#### Clean

In order to ensure that the fire effect is not weakened, it is necessary to regularly check and clean the equipment. Follow the instructions below to ensure job completion. 1. If the device is not used for a long time, please take good dust protection to prevent the mist outlet of the atomizer from being blocked. It can be cleaned regularly with a high-pressure air gun. 2. Regularly check whether there is debris or blockage in the water inlet, and clean it up.

#### Troubleshooting

We suggest: When the system does not work normally, please check whether the battery is short of power or the water storage cup is short of water.

| Fault phenomenon   | Cause                                                                         | Judgment and elimination method                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device not working | A. Low battery<br>B. Circuit failure                                          | A. Check whether the battery is short of power, and charge it in time<br>B. Check the internal wiring and the main control circuit board.<br>A. Check or replace the LED module |
| LED abnormal       | A. Part of the LED module is abnormal<br>B. LED drive circuit failure         | B. Check or replace the main control board<br>A. Add water in time to remove                                                                                                    |
| No mist            | A. The water level in the storage cup is too low<br>B. Atomizer does not work | B. Check the atomizer, the main board control part<br>Check or replace the fan                                                                                                  |
| mist sinks         | The fan does not work                                                         |                                                                                                                                                                                 |

#### 4. Technical Parameters

|                        |                                    |
|------------------------|------------------------------------|
| Version                | WF30H                              |
| Power supply           | Built-in lithium battery           |
| Charging input voltage | DC12.6V                            |
| Rated power            | 24W                                |
| Water adding method    | Use a water dispenser to add water |
| Usage time             | More than 30 minutes               |
| Water Consumption      | About 120ml/hour                   |
| Dimensions (L×W×H)     | 635mm×112mm×112mm                  |
| Weight                 | 1Kg                                |

We reserve the right to modify any content of the products described in this manual without prior notice.