



# 3D ATOMIZATION FIREPLACE



**TONYA LIGHT**

PROFESSIONAL LED SOLUTION PROVIDER  
Energy Saving and Environmental Protection

Since 2007



**SHENZHEN TONYA LIGHTING TECHNOLOGY CO.,LTD**

Tel:+86-755-23154966 Fax: +86-755-23154866 Web:www.tyledlight.com Email:sales@tonyalight.com  
Add: 8-5 BLdg,Tongfuyu Industrial Park,Ai Qun RD,Shi Yan Town, Bao'an District,Shenzhen,P.R.China

**FIREPLACE CATALOGUE**

**TONYA LIGHT 2023**



**O1**

**3D ATOMIZATION FIREPLACE**

## + 3D ATOMIZATION FIREPLACE



The emergence of fireplaces originated from Western countries. In addition to its decorative effect and practical value, it is also a symbol of European and American countries' identity and taste. This is especially true when you come to China, which represents romance and taste as well as a superior aesthetic vision. Whether it is a gathering of friends or a family reunion, the fireplace is a well-deserved focal point, attracting countless envious eyes. According to the culture of different countries, it is divided into: American fireplaces, British fireplaces, French fireplaces, etc.

Tracing the origin of fireplaces, which began with the Renaissance, the design and decoration of fireplaces, along with the architecture of the same period, has had an increasingly visible impact on today's society.

These precious architectural heritages are the embodiment of the traditional value of design and handicrafts. They are not only the index of human civilization, but also make an important contribution to the quality of life we enjoy.





## SHENZHEN TONYA LIGHTING TECHNOLOGY CO., LTD

has been dedicated to being a professional manufacturer, designer and exporter of Fireplaces in China since our establishment in 2007.

We are located in Shenzhen, which is the center of fireplaces in China. Our company has more than 200 employees and covers an area of more than 10000 square meters. We have many years of experience in fireplace product development. We have won a high reputation and become one of the largest fireplace manufacturers in China due to our high-quality products and good after-sales service.

All designs and productions are made by our own company. According to customers' requirements, we can provide professional fireplace solutions, such as the designs and productions of fireplaces. Tonyalight operates strictly in accordance with ISO 9001:2015, the quality management system from procurements to designs and then to manufacturings.

Based on our strong R&D team, we are also able to meet the special needs of our customers. We have strict quality inspection system to ensure product quality. The whole production process is strictly monitored and the "5-step QC test" is our standard policy to supervise quality. Our qualification rate is above 99.9%. All our products are CE and RoHS compliant.



**OUR WAY TO BECOMING THE WORLD'S LEADER IN THE FIREPLACE INDUSTRY**  
Over the years our group of experienced engineers has been developing the leading-edge technology that would bring fire design to a completely new level and revolutionize the fireplace industry.

### Communicator of fireplace culture - provider of overall fireplace solutions

Provide customers with professional wall design and manufacturing solutions

Professional R&D team  
Standardized production management system  
Modern production processes  
Comprehensive after-sales treatment team.



### Full category - one-stop service brand merchants

After years of development and sedimentation, our products are exported to world-renowned places such as Europe and America. With a rich product line and a complete supply chain, we can meet the diverse needs of customers for fireplaces.



Website: [www.tyfireplace.com](http://www.tyfireplace.com)

Email: [sales@tonyalight.com](mailto:sales@tonyalight.com)

Tel: +86 755 2315 4966



## + 3D ATOMIZATION FIREPLACE

### *Why choose TONYA water vapour fireplace ?*

A real alternative to conventional inserts and traditional fireplaces, 3D flame steam fireplaces have unmatched advantages. In particular, they make it possible to overcome the main constraints of installation, operation and maintenance encountered in fireplaces that use wood or gas.

It is the subtle blend of three components, namely ultra-fine water vapor, the light from colored LEDs and the creation of different air pressures that allow real colored flames to be obtained with so much realism. Produced by a “transducer” (or mist maker), the ultrasounds are mechanical waves that will vibrate water (inaudible) turning it into ultra-fine water vapor. It should be noted that ultra-fine water vapor (only a few microns) is immediately absorbed by the ambient air. The water vapor does not condense and does not produce moisture on adjacent walls. This is often referred to as dry water vapour. This technical system produces cold flames that are so realistic that it is impossible to tell them apart from traditional flames!



## What are the advantages of an Atomizing Fireplace? How does it work? what are its advantages compared to other fireplace?

### *1- 100% safety*

First of all, we can say that the safety of the 3D water vapor fireplace is total. The flames, in fact, are warm and therefore present no danger. It is also the preferred fireplace of places receiving the public (fireplace for hotels, restaurants, businesses etc.). It is also the ideal fireplace for apartments in buildings that do not allow any hot flames in their safety regulations. But it is also the ideal fireplace for families with children that do not wish to take any risk with fire.

### *2- Modern fireplace without constraints*

Secondly, we need to mention the simplicity of installation, operation and maintenance of a 3D insert. This steam fireplace is without constraints and consumes only tap water. This is a very important advantage when one thinks about the difficulties of supplying fossil fuels. On the other hand, it is a modern fireplace with high-tech controls: remote control, an app, buttons on the device, deported control (dry contact for home-automation applications), etc.

### *3- Ecological fireplace*

We can really talk about an ecological fireplace in every sense of the term. Firstly, because it only uses water. And then because a 3D fireplace does not produce any harmful combustion gases. It gives off no unpleasant odours (aromatic compounds related to combustion), carbon monoxide or other polluting combustion residues. The water vapour fireplace insert also has a slightly humidifying effect that is beneficial to comfortable breathing when rooms are rendered too dry by the heating.

### *4- Economical fireplace*

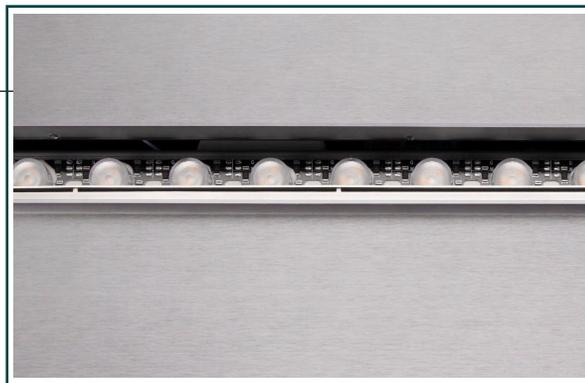
Of course, the purchase price of a water vapor fireplace remains comparable to traditional fireplaces. It is important to realize that its cost of operation is practically equal to zero. This is a huge difference and one that makes the steam fireplace the most economical appliance in terms of its annual cost. We do not hesitate to light a fire produced by tap water.



## + PRODUCT DETAIL

### + BRUSHED PLATING PANEL

The whole machine is made of (austenitic 304 stainless steel), which is more durable. The whole case is also baked in a high-temperature oven with fluorocarbon paint spraying, which can withstand high-strength impact, corrosion resistance, and is not easy to fade Color, high-end atmosphere.



### + IMPORTED LED LIGHT SOURCE

The flame effect is better, more environmentally friendly, and more realistic. Equipped with heating wire to make the flame have a warm feeling and more real.

### + MINIMALIST CONTROL PANEL DESIGN

The control panel design is simple, easy to understand, elegant and elegant, with dual control of the body control panel and remote control, making it more intelligent.



### + NEW UPGRADE AND EXTENDED FIRE NOTCH

After a brand-new appearance design, the length of the flame almost reaches the two ends of the fireplace, making the whole more beautiful and magnificent.



### + QUIET FAN DESIGN

Brand-new atomization system, silent fan design, the fireplace forms a circulating air duct inside, the water mist is sprayed out evenly, and the music is comfortable.



### + CNC CUTTING PANEL TECHNOLOGY

Our own CNC laser cutting machine, ultra-thin panel design process, the overall cutting is neat, and the appearance is comfortable to touch, leading the industry.

### + FOG VOLUME AND AIR VOLUME CAN BE ADJUSTED SYNCHRONOUSLY

The motherboard solution is a brand new upgrade, with a hidden built-in physical knob that can adjust the fan air volume. In order to achieve the ultimate simulation effect, it is the only one in the industry.



### + CHILD LOCK FUNCTION

Combined with the environment in which the fireplace is used, it can prevent unnecessary safety hazards caused by misoperation during use, and increase the child lock function to avoid the risk of misoperation.



## + PRODUCT DETAIL

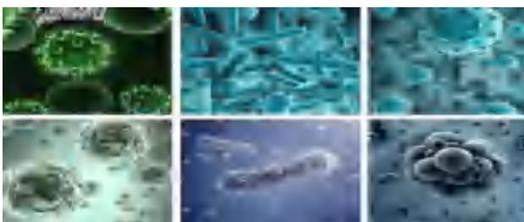
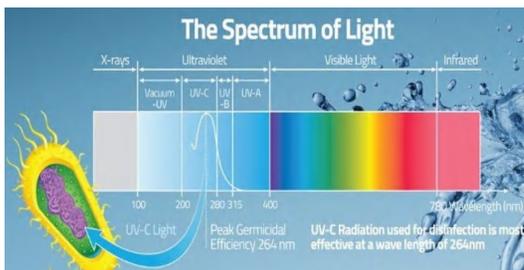
### + THE WEARING PARTS ARE REMOVABLE AND EASY TO MAINTAIN

Through the new structural design, the components that are easily damaged during the use of the fireplace can be easily disassembled, which greatly simplifies the after-sales maintenance procedures.



### + UV ULTRAVIOLET STERILIZATION

The 275NM UV LED lamp beads are used in the water tank to achieve ultraviolet sterilization, which ensures that the sterilization efficiency in the water tank reaches more than 99.9%, and effectively inhibits the growth and spread of bacteria.



### + BOTTOM VENTILATION

Through the structural design of the atomized fireplace, it is more convenient and suitable for different installation environments while ensuring realistic effects.



### + CAN TURN OFF THE LIGHTS HUMIDIFICATION ATOMIZATION

The lamp and the atomizing head are controlled separately, which can realize humidification and atomization in a dark environment and reduce light pollution, which is suitable for various application scenarios.



### + REAL CARBON BURNING SOUND

In order to pursue the effect of the ultimate simulated flame, the real carbon burning special effect is added in addition to the light and fog effect, creating an immersive sense of reality.



### + REALISTIC MONOCHROME SIMULATION FLAME

The color temperature of the professionally customized lamp beads, the fidelity of the simulated flame almost reaches the primary color of the flame itself, and the whole is more realistic.

### + UNIQUE CONTROL OF MONOCHROME + RGB

The light bar uses the unique design of RGBW, which can use simulated monochrome and RGB color change at the same time, and the mobile APP control is more intelligent.



### + LARGE CAPACITY DOUBLE WATER TANK DESIGN

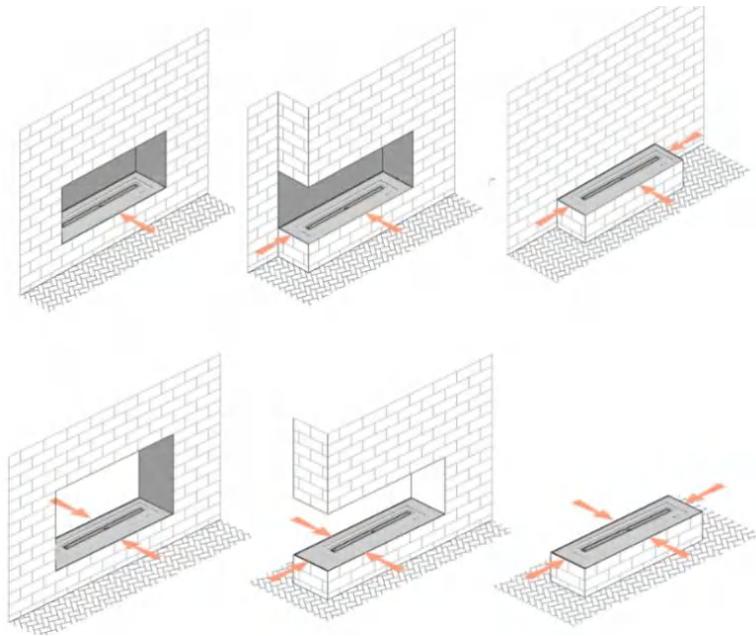
Double water tank design, independent atomizing water tank and storage water tank, newly upgraded and increased capacity, ensure that the water level of the atomizing water tank is always within the optimal water level of the ultrasonic atomizing head, and achieve a longer standby time while the fog is more uniform.



## Key points for installing a 3D water vapor electric fireplace

### 1. It's all a question of decorate: how to create a stylish fire space

How should you come up with a fire space that meets your expectations and desires? With the 3D water-vapor fireplace, the job is easy. Interior decorators, designers, and architects and professionals in fireplaces and builders are the most qualified professionals to advise you and help you install your steam fireplace insert.



### 2. How to set up a water vapor insert?

A 3D fireplace runs only on water vapor and uses very little electricity. The system comes with a 100/240V (50-60 Hz) – 24V adapter. TONYA automatically provides the right electrical connector for your country.



### 3. How to fill the water tank?

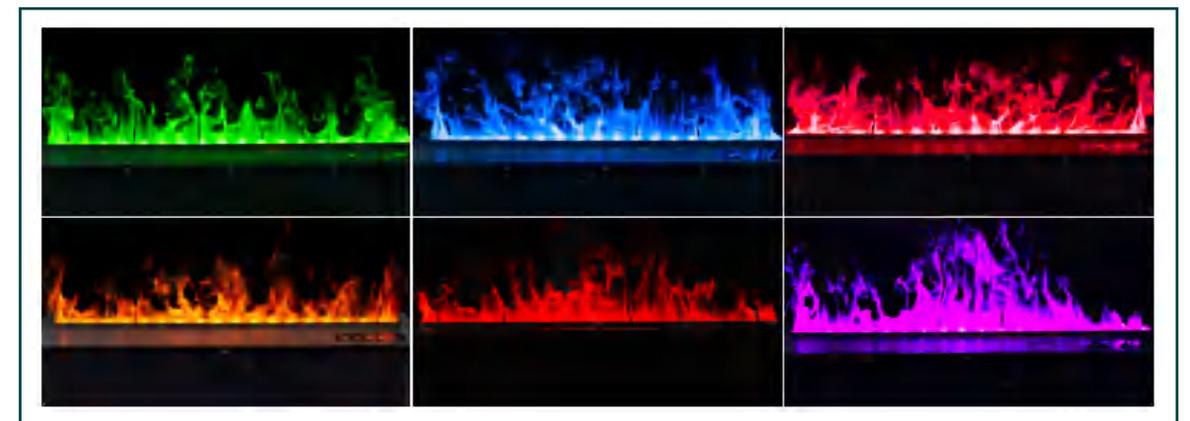
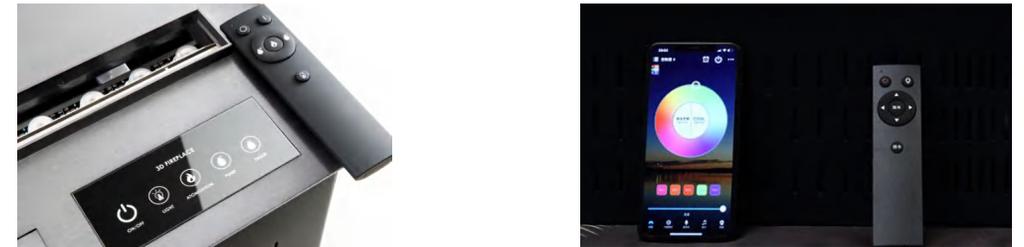
**Manual filling** (no need to connect to the water network). After starting the machine, connect the water inlet with the configured soft water pipe, and then start the water filling program with the water adding button on the remote control or touch panel.

**Automatic filling** (water pipe needs to be connected), embedded 4 tap pipes, connect the tap pipe to the fireplace water inlet during installation, and intelligently add water in the whole process after startup.



### 4. 3D water Vapor fireplace inserts with high-tech controls

Using high-quality LED strips, it is possible to realize a variety of color options, mainly divided into single color, three colors, seven colors, and 64 colors controlled by APP.





Brand	Tonya		
Name	3d Atomization Fireplace		
Appliction	Villas,Hotels,Private clubs,Mansions etc.		
Specification	Length 800-2000mm*Width 250mm*Heigth 200mm,Support customization		
Panel	3mm 304 brushed galvanized stainless steel panel		
Materil	The whole machine is made of 304 stainless steel	Operation method	Touch Panel/Physical Keys/Wireless Remote Control
Usage	Embedded	Consumption	0.6-1.1L/H
Fuel	Pure Water	Certification	CE/ROHS/FCC
Burning Time	8-16 Hours	Valtage	AC85-265V/50-60HZ
Product basic configuration	Intelligent motherboard design > 110V/220V dual voltage switching system > Intelligent automatic liquid filling system/water pipe automatic liquid filling system > One-key drainage system System > Anti-dry protection system > Double anti-overflow protection system > Liquid level voice prompt module > Atomization start detection module > Silent low decibel device Design > Intelligent Lighting Design Solution > Voice Prompt (Chinese and English can be replaced) > Remote Control / Button Control / Physical Button > UV Sterilization > Child Lock		
Optional function	Whole house smart home (optional)		
Product	Remote control, warranty card, water filling pipe, manual, certificate		
Panel accessories	High simulation fake carbon (optional)		
Other remarks	A: The installation table and interior materials need moisture-proof materials	B: The inside of the reserved installation groove needs to be hollowed out and there is a ventilation gap at the bottom	
	C: The top and periphery of the fireplace cannot be made of reflective materials	D: Reserve a socket on the right side of the platform groove	
	E: The height of the fire space is recommended to be greater than 500mm	F: The installation platform is kept absolutely level, and the table is firm	
	G: The height of the installation platform from the ground is recommended to be greater than 230mm		



超薄面板  
ULTRATHIN



自动注水  
WATER FLOODING



超长火焰  
OVERLENGTH FLAME



火焰控制  
CONTROL



安全保护  
SAFEGUARD



支持定制  
CUSTOMIZED