

HURRICANE
BUBBLE HAZE LT
User Manual



CHAUVET **2**

Edition Notes

The Hurricane Bubble Haze LT User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the Hurricane Bubble Haze LT as of the release date of this edition.

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Document Printing

For best results, print this document in color, on letter size paper (8.5 x 11 in), double-sided. If using A4 paper (210 x 297 mm), configure the printer to scale the content accordingly.

Intended Audience

Any person installing, operating, and/or maintaining this product should completely read through the guide that shipped with the product, as well as this manual, before installing, operating, or maintaining this product.

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Document Revision

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1. Before You Begin

What Is Included

- Hurricane Bubble Haze LT
- FC-W Wireless Remote
- Quick Reference Guide

Unpacking Instructions

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition.

Claims

If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier immediately, not Chauvet. Failure to report damage to the carrier immediately may invalidate a claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with Chauvet within 7 days of delivery.

Text Conventions

Convention	Meaning
1–512	A range of values
50/60	A set of values of which only one can be chosen
Settings	A menu option not to be modified
<ENTER>	A key to be pressed on the product’s control panel
ON	A value to be entered or selected

Symbols

Symbol	Meaning
	Electrical warning. Not following these instructions may cause electrical damage to the product, accessories, or the user.
	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
	Important installation or configuration information. The product may not function correctly if this information is not used.
	Useful information.

Safety Notes

These Safety Notes include important information about installation, use, and maintenance of the Hurricane Bubble Haze LT.



- **ALWAYS:**
 - ◆ Connect to a grounded circuit.
 - ◆ Connect to operating voltages as specified on the product's spec sticker.
 - ◆ Disconnect from its power source during periods of inactivity.
 - ◆ Heed all restrictions and warnings on the spec sticker.
 - ◆ Mount in a location with at least 20 in (50 cm) of ventilation.
 - ◆ Use Chauvet fluids.
 - ◆ Drain the tank before transporting or storing the product.
 - ◆ Keep the machine level.
 - ◆ Clean the machine after every use.
 - ◆ Clean around the product during and after use, as surfaces may become slippery.
- In the event of a serious operating problem, stop using immediately.
- All fog/haze machines may set off smoke detectors.
- **DO NOT:**
 - ◆ Open this product or attempt any repairs. It contains no user-serviceable parts.
 - ◆ Use if the power cord is crimped or damaged.
 - ◆ Disconnect by pulling on the power cord.
 - ◆ Allow flammable materials close to the product when it is operating.
 - ◆ Touch the housing when it is on.
 - ◆ Block any ventilation holes/slots in the housing.
 - ◆ Connect to a dimmer or rheostat.
 - ◆ Carry the product by its power cord.
 - ◆ Operate in temperatures higher than 104°F (40°C).
 - ◆ Expose to environments that exceed the Ingress Protection (IP) rating.
 - ◆ Expose to rain or moisture.
 - ◆ Use outdoors.
 - ◆ Submerge.
 - ◆ Set this product on a flammable surface.
 - ◆ Touch the output nozzle. It may be hot for several hours after use.
 - ◆ Drink the fluid.
 - ◆ Add perfume, alcohol, gasoline or any other chemical to the fluid.
 - ◆ Use for space-heating purposes.
 - ◆ Obstruct the bubble wands or leave machine unattended.
 - ◆ Overfill.



Keep this User Manual for future use. If the product is sold to someone else, be sure that they also receive this document.

FCC Statement of Compliance

This device complies with Part 15 Part B of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

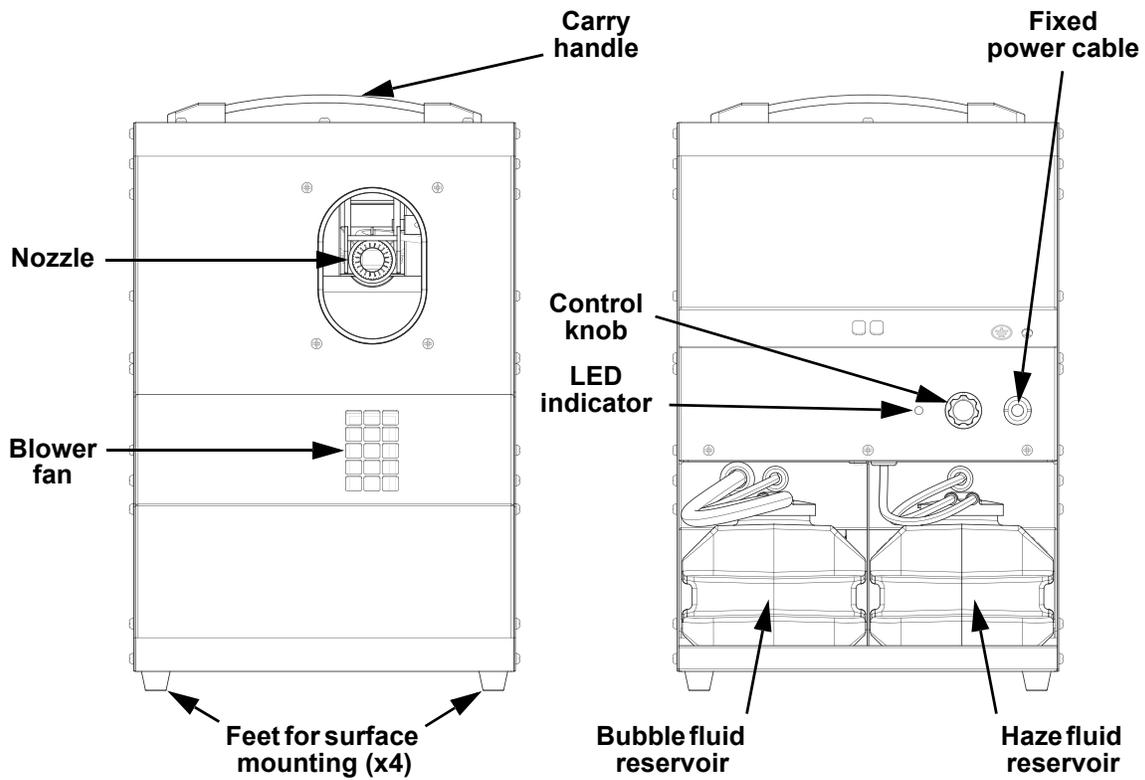
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

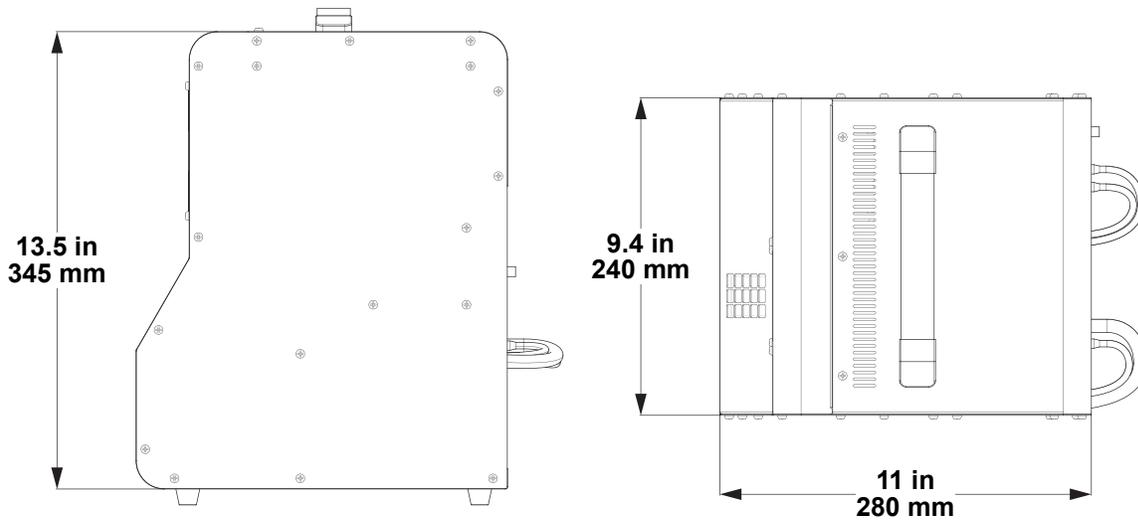
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2. Introduction

Product Overview



Product Dimensions



3. Setup

AC Power

The Hurricane Bubble Haze LT has a fixed voltage power supply, and it can work with an input voltage range of either 120 VAC, 60 Hz or 230 VAC, 50 Hz, depending on the specific model.

To determine the product's power requirements (circuit breaker, power outlet, and wiring), use the current value listed on the label affixed to the product's back panel, or refer to the product's specifications chart.

The listed current rating indicates the product's average current draw under normal conditions.



- **Always connect the product to a protected circuit (a circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.**
- **To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.**



Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.

Mounting

Before mounting the product, read and follow the safety recommendations indicated in the [Safety Notes](#).

Orientation

The Hurricane Bubble Haze LT must be mounted on a stable, level surface. Do NOT tilt this product.

Placement

- Before deciding on a location for the product, always make sure there is easy access to the product for maintenance and programming.
- Make sure that the structure can support the weight before mounting the product (see the [Technical Specifications](#)).
- When mounting the product on the floor, make sure that the product and cables are away from people and vehicles.



Do NOT tilt this product. Always mount the Hurricane Bubble Haze LT on a level surface.

4. Operation

Control Panel Operation

To access the control panel functions, turn the control knob to one of 5 positions. Please refer to the [Product Overview](#) to see the knob location on the control panel.

Knob Position	Name	Function
0	Off	Stop output
1	Bubbles	Bubbles only mode
2	Haze	Haze only mode
3	Bubbles & Haze	Bubble haze mode
4	Wireless Remote	Control with the included FC-W wireless remote

Standalone Configuration

To operate the Hurricane Bubble Haze LT with the control knob, turn the knob to one of the following positions:

- **Off:** turns both bubble and haze output off.
- **Bubbles:** turns bubble output on without haze output.
- **Haze:** turns haze output on without bubble output.
- **Bubbles & Haze:** turns both bubble and haze output on.

FC-W Wireless Remote Configuration

To operate the Hurricane Bubble Haze LT with this included FC-W wireless remote:

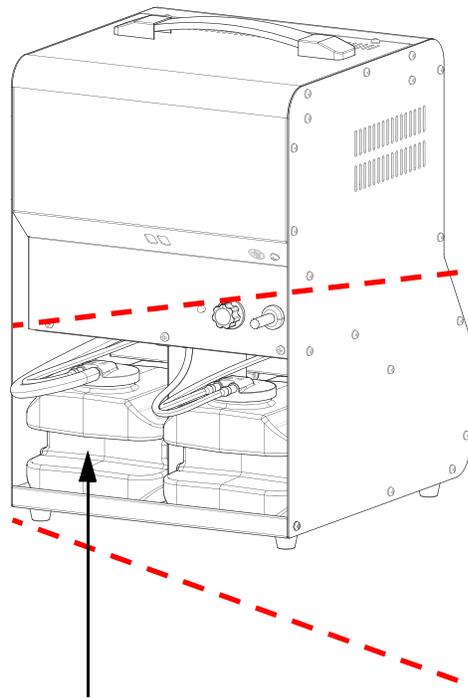
1. Turn the control knob to the **Wireless Remote** position.
2. On the FC-W wireless remote, press:
 - <1> to turn on bubble output without haze output.
 - <2> to turn on haze output without bubble output.
 - <3> to turn on both bubble and haze output.
 - <4> to turn off both bubble and haze output.

LED Indicator

The LED indicator next to the control knob will turn red while the product is heating up, and blue when the product is ready to output haze.

5. Maintenance

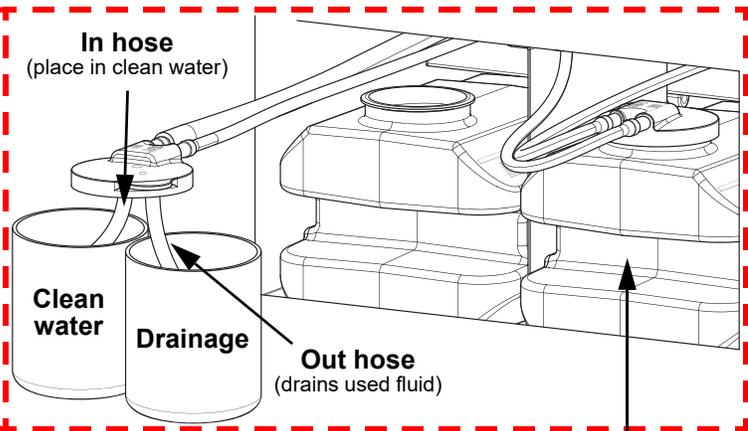
Bubble Machine Maintenance



Bubble fluid reservoir
(rinse with clean water)

To clean the bubble mechanism:

1. Unscrew the cap from the bubble fluid reservoir.
2. Place the in hose in a container of clean water.
3. Place the out hose where it can safely drain.
4. Run the product in **Bubbles** mode for 2 minutes.
5. Thoroughly rinse the bubble fluid reservoir.
6. Restore the hoses and cap to the bubble fluid reservoir.
7. It is now safe to store the Hurricane Bubble Haze LT.



Haze fluid reservoir
(clean with Fog Machine Cleaner Fluid)



Perform bubble machine maintenance after every use.

Haze Machine Maintenance

Do not allow the haze machine to become clogged. After every 40 hours of continuous operation, use Chauvet Fog Cleaner Quart (FCQ) through the system to prevent the accumulation of particulate matter in the heating element.

The recommended cleaning procedure is as follows.

1. Unplug the product from power.
2. Empty all haze fluid from the machine.
3. Add cleaning solution to the haze fluid reservoir.
4. Connect the product to power and allow it to warm up.
5. Run the unit in a well-ventilated area until the reservoir is almost empty. Do not allow the pump to run dry.
6. Refill with haze fluid to continue using the haze machine. Run the machine briefly to clear any remaining cleaning solution from the pump and heater.



Do NOT operate the machine without fluid at any time.



Fog Cleaner Quart (FCQ) was specifically developed by Chauvet to clean the Hurricane Bubble Haze LT. Use FCQ regularly, no longer than 90 days between cleanings, to increase the life of the product.



Do not spin the blower fan using compressed air because it could damage the product.

Storage

Before storing the haze machine, run FCQ through the system as described in the cleaning procedure above; however, only follow steps 1 through 5. **Do not refill the tank with haze fluid if storing the Hurricane Bubble Haze LT.** Cleaning the system prior to storage will help prevent any particles from condensing inside the pump or heater while not in use.

Before storing the product, follow the instructions under [Bubble Machine Maintenance](#).



Test-run the Hurricane Bubble Haze LT on a monthly basis to achieve the best performance.

Powering Off the Product for Transport

After following the instructions under [Bubble Machine Maintenance](#), follow these instructions to prevent leaks. This will allow the pump to entirely clear the haze fluid line and heater of haze fluid before unplugging the product.



To prevent spills or leaks before, during, or after transport, Chauvet recommends the following steps for the Hurricane Bubble Haze LT:

1. Set the control knob to the **Off** position.
2. Wait 30–45 seconds.
3. When there is no more haze fluid in the output line, unplug the product from power.

6. Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
9.4 in (240 mm)	11 in (280mm)	13.5 in (345 mm)	17 lb (7.7 kg)

Note: Dimensions in inches are rounded.

Power

Power Supply Type	Range	Voltage Selection
Model-specific	120 VAC, 60 Hz or 230 VAC, 50 Hz	Fixed
Parameter	120 V, 60 Hz	230 V, 50 Hz
Consumption	554 W	554 W
Operating Current	4.6 A	2.3 A
Power I/O	U.S./Worldwide	UK/Europe
Power input connector	Fixed	Fixed
Power cable plug	Edison (U.S.)	Local Plug

Operation

Heat-Up Time	Tank Capacity	Haze Fluid Consumption	Bubble Fluid Consumption	Haze Output
2 min	0.21 gal (0.8 l) each	6 ml/min	22 ml/min	4,500 cfm

Thermal

Maximum External Temperature	Cooling System
104 °F (40 °C)	Convection

Ordering

Product Name	Item Code	UPC Number
Hurricane Bubble Haze LT (120V)	05072190	781462225384
Hurricane Bubble Haze LT (230V)	05072200	781462225483



Contact Us

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Warranty & Returns

For warranty terms and conditions and return information, please visit our website.

For customers in the United States and Mexico: www.chauvetlighting.com/warranty-registration.

For customers in the United Kingdom, Republic of Ireland, Belgium, the Netherlands, Luxembourg, France, and Germany: www.chauvetlighting.eu/warranty-registration.