

HURRICANE

1302

User Manual

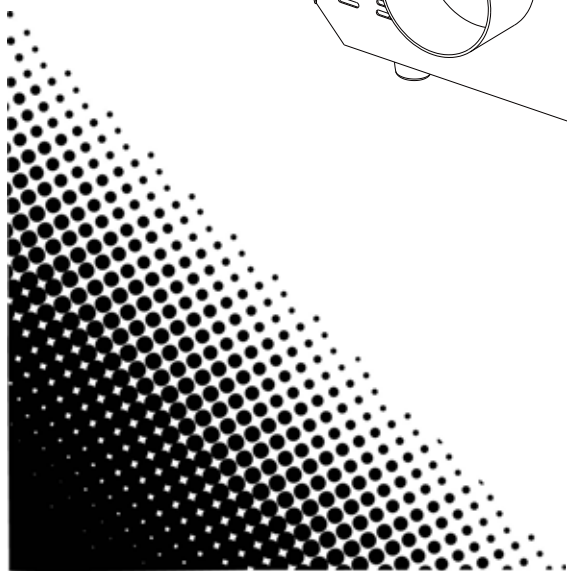
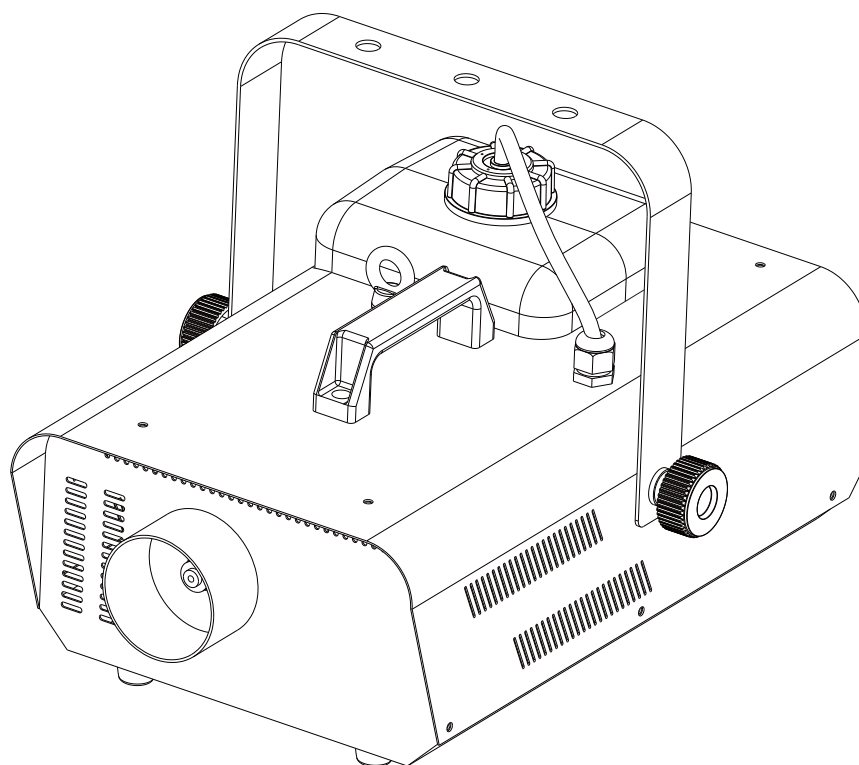


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1. Before You Begin

What Is Included

- Hurricane 1302
- Power Cord
- Wired Timer Remote
- Hanging Bracket with Mounting Hardware
- Warranty Card
- 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 your 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.

Disclaimer

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Safety Notes



- Always connect the product to a grounded circuit to avoid the risk of electrocution.
- Always disconnect this product from the power source before cleaning it or replacing the fuse.
- Make sure the power cord is not crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.
- If mounting this product overhead, always secure it to a fastening device using a safety cable.
- Do not mount this product on a flammable surface (e.g., wood, linoleum, carton, plastic, or carpet).
- Make sure there are no flammable materials close to the unit while operating
- Do not touch the output nozzle on this product. It is very hot during operation and it may remain hot for several hours after turning the unit off.
- Do not drink the haze fog. If you do, call your local emergency service (911 in the US) for help.
- Do not add perfume, alcohol, gasoline, or any other flammables to the fog fluid.
- Depending on the amount of haze generated, all haze machines may set off smoke detectors.
- In certain environments, fog fluid-based machines may leave a slippery residue on floors and surfaces.
- Do not use for space heating purposes.
- Use only CHAUVET DJ water-based fog fluid.
- Drain the tank before transporting the product.



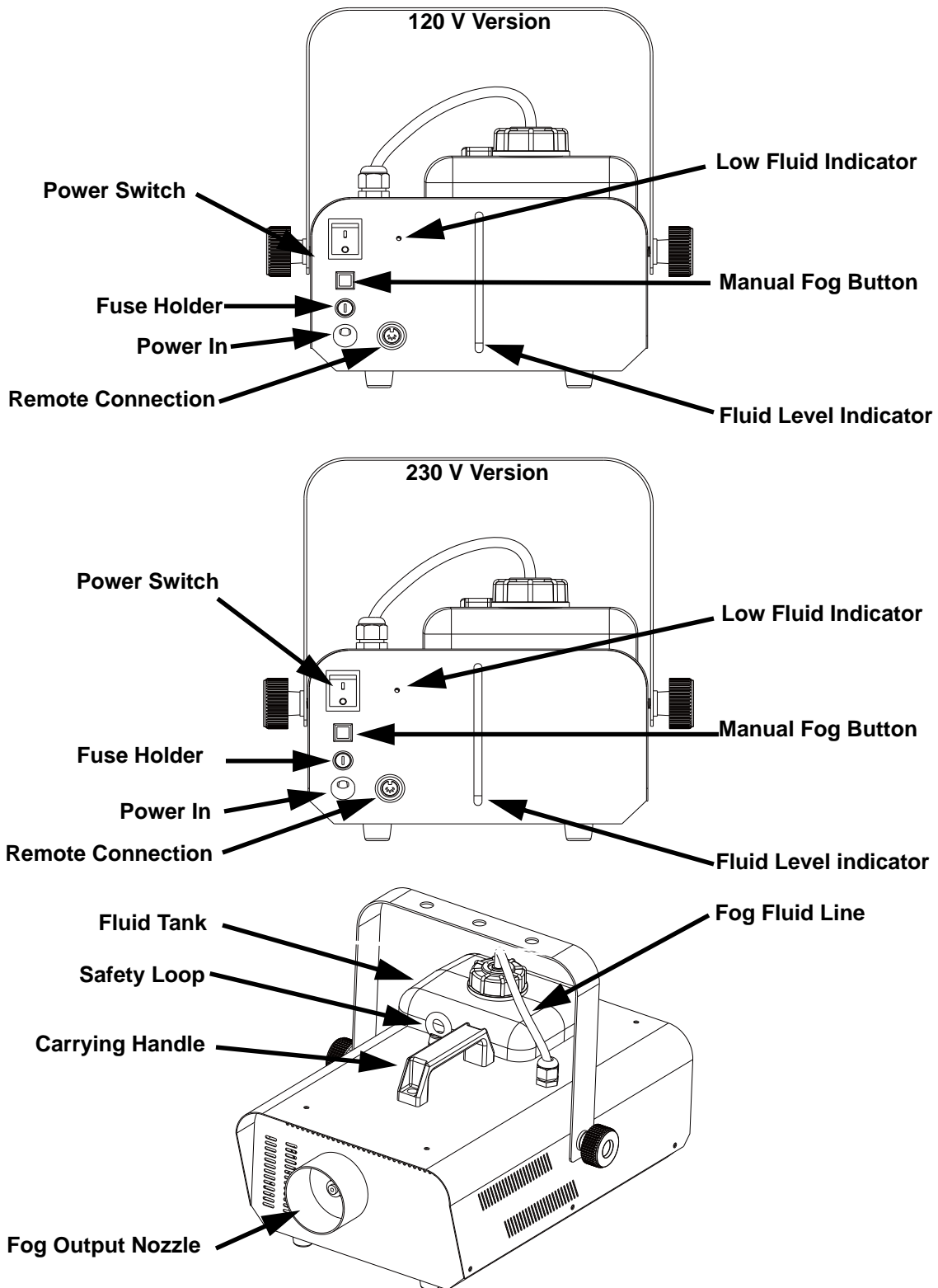
- Always make sure that the voltage of the outlet to which you are connecting the product is within the range stated in the decal or rear panel of the product.
- This product is for indoor use only! To prevent risk of fire or shock, do not expose this product to rain or moisture.
- Always install this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Be sure that no ventilation slots on the unit's housing are blocked.
- Never connect this product to a dimmer.
- Make sure to replace the fuse with another of the same type and rating.
- Never carry the product from the power cord or any moving part. Always use the hanging/mounting bracket.
- The maximum ambient temperature (T_a) is 104 °F (40 °C). Do not operate this product at higher temperatures.
- In the event of a serious operating problem, stop using the product immediately.
- Never try to repair this product. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center.
- 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.



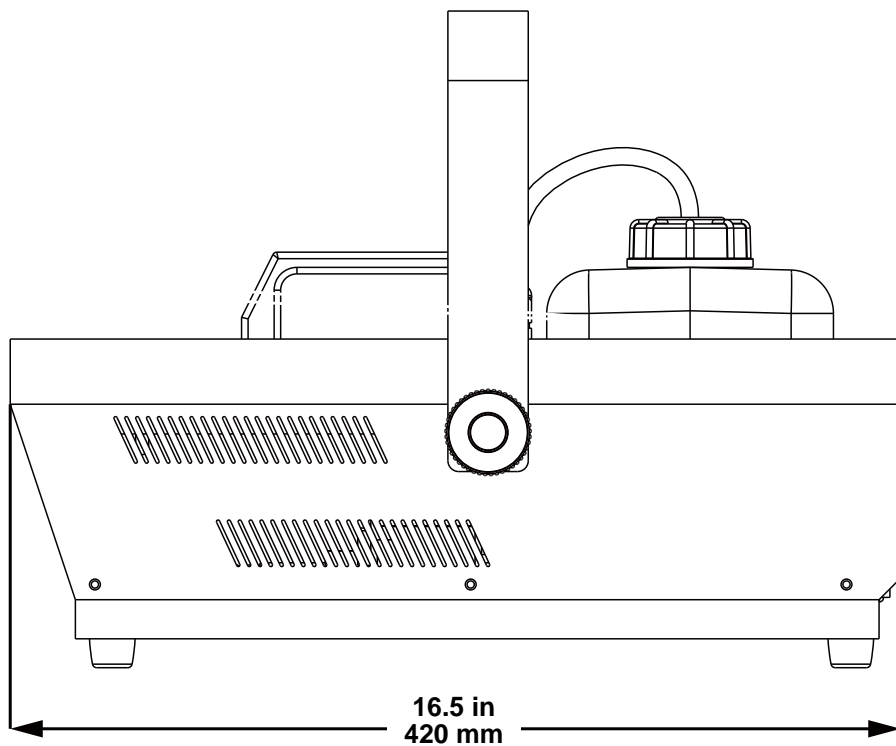
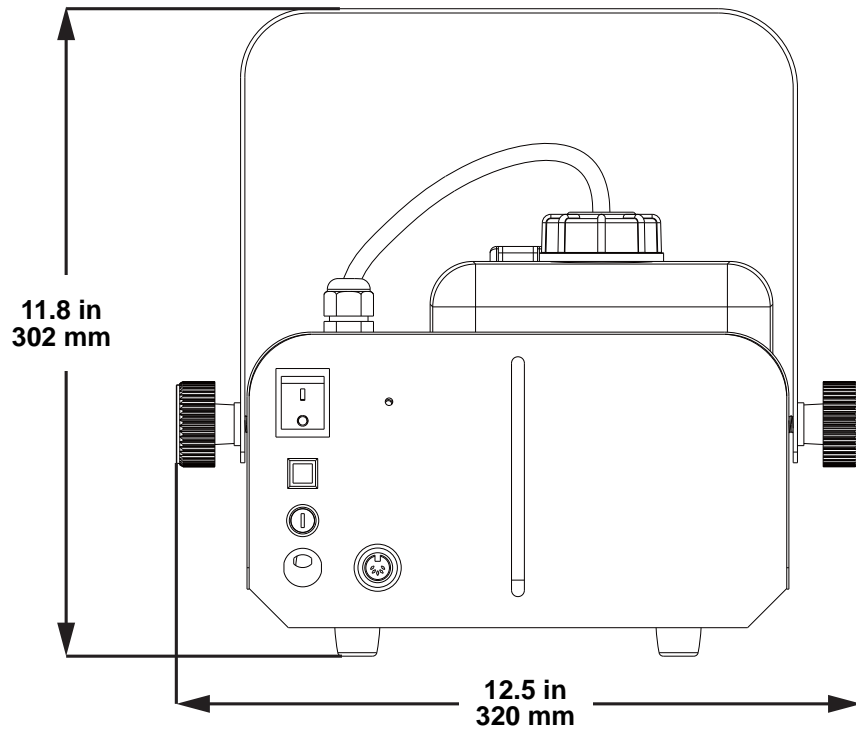
Keep this User Manual for future use. If you sell the product, be sure that the purchaser receives this document.

2. Introduction

Product Overview



Product Dimensions



3. Setup

AC Power

The Hurricane 1302 has a fixed voltage power supply and it can work with an input voltage 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.**



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.

Fuse Replacement

1. Disconnect the product from power.
2. With a flat-head screwdriver, unscrew the fuse holder cap from the housing.
3. Remove the blown fuse.
4. Replace with a fuse of the same type and rating.
5. Screw the fuse holder cap back in place and reconnect power.



Disconnect the product from the power outlet before replacing the fuse.



Always replace a blown fuse with another fuse of the same type and rating.

Mounting

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

Orientation

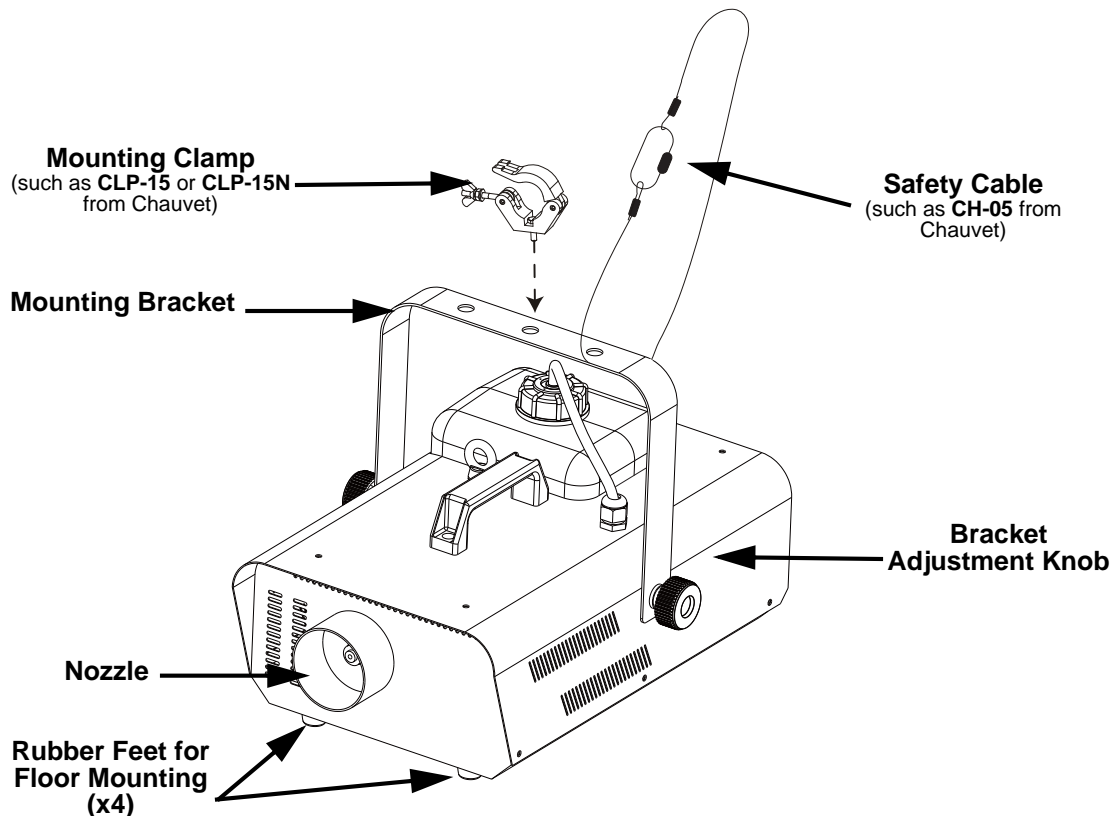


This product may NOT be tilted. This product should be level when on a surface or when mounted.

Rigging

- Before deciding on a location, always make sure there is easy access to the product for maintenance and fluid replenishment.
- Make sure that the structure or surface onto which you are mounting the product can support the product's weight. (see the [Technical Specifications](#))
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, such as an elevated platform or a truss.
- When rigging the product onto a truss, you should use a mounting clamp of appropriate weight capacity. The bracket has 13-mm holes, which are appropriate for this purpose.
- The rubber feet also serve as floor supports and allow for surface mounting. When mounting the product on the floor, make sure that the product and cables are away from people and vehicles.

Mounting Diagram



While operating the Hurricane 1302, make sure there is adequate fog fluid in the machine to prevent pump and heater damage. When the fog fluid level becomes low, simply add more fog fluid to continue using the Hurricane 1302.

4. Operation

Remote or Manual Operation

The Hurricane 1302 can be operated manually, or with the included timer remote controller (FC-T). The Manual button is located on the rear of the unit. See the product Overview.

Two other optional remote controls are also available: a manual wired remote (FC-M) and a wireless remote (FC-W). Details on the optional controllers are available at <http://www.chauvetlighting.com/>.

Timer Remote Controller

The FC-T wired timer controller allows you to automatically trigger fog output by setting interval and duration times. LED indicator lights display the machine and controller's current state. Rotary knobs set interval and duration times, while manual and continuous buttons allow overriding control.

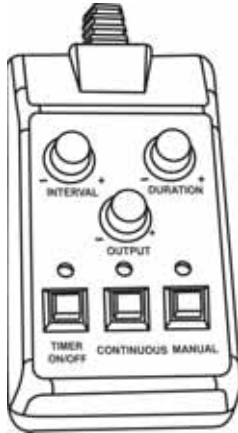
1. Plug the fog machine into power and turn the product's power switch on.
2. Plug the timer controller into the Manual Controller socket on the back of the machine.
3. Press the <**TIMER ON/OFF**> latching button on the timer controller. The Timer LED Indicator above the button will light up. The <**TIMER ON/OFF**> latching button will remain on until it is pressed again.
4. Set the INTERVAL and DURATION adjustment knobs to the desired positions.
 - INTERVAL knob sets the amount of time in between bursts of fog.
 - DURATION knob sets the length of time that the fog machine will run during the bursts.
5. Press the <**CONTINUOUS**> latching button and the fog machine will output fog until the button is pressed again. The Manual/Power LED Indicator above the button will light up during continuous operation.

Note: The duration of continuous fog output is based on the capability of the fog machine.

6. Press the <**MANUAL**> button to momentarily output fog. The fog machine will output fog for as long as you hold down the button. During manual operation the Manual Momentary LED Indicator above the button will light up.

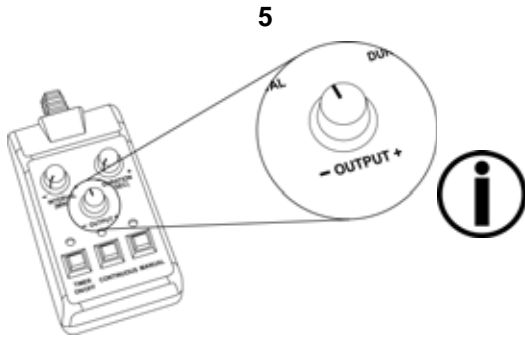
Note: The duration of manual fog output is based on the capability of the fog machine.

Wired Timer Remote Overview



- INTERVAL** - Sets amount of time between outputs of fog in Timer mode.
- DURATION** - Sets duration of outputs of fog in Timer mode.
- OUTPUT** - Sets volume of fog output.
- TIMER ON/OFF** - Activates Timer mode.
- CONTINUOUS** - Activates Continuous Output mode.
- MANUAL** - Triggers fog output while held.

i Fluid consumption will be significantly increased during Continuous Output mode.



Max continuous Fog at output 5

- The duration of Continuous fog output is based on the capacity of the fluid tank and the position of the OUTPUT knob.
- The duration of Manual fog (the default MAX output) is based on the capability of the fog machine. (See the product's User Manual for specifications)
- Fluid consumption will be significantly increased during Continuous Output mode.
- MAXIMUM Continuous Output setting recommended is 5. At all levels above 5, the product will cycle itself with intermittent bursts of fog while reheating.

i When pressed, the Manual Fog Button on the Hurricane 1302 will override the FC-T.

Fluid Tank Indicator LED

The indicator LED on the back of the Hurricane 1302 shows the status of the fogger, as follows:

- Orange-pump is not detecting fluid.

Note: The Hurricane 1302 may output fog for a short duration to allow for a self-checking cycle.

5. Technical Information

Fogger Maintenance

Do not allow the fogger 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 tank.
4. Connect the product to power and allow it to warm up.
5. Run the unit in a well-ventilated area until the tank is almost empty. Do not allow the pump to run dry.
6. Refill with fogger fluid to continue using the fogger. 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 your Hurricane 1302. Make sure you use FCQ regularly, no longer than 90 days between cleanings, to increase the life of your product.

Storage

Before storing the fogger, 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 fog fluid if storing the fogger.** Cleaning the system prior to storage will help prevent any particles from condensing inside the pump or heater while not in use.



Test-run your Hurricane 1302 on a monthly basis to achieve the best performance.

6. General Troubleshooting

SYMPTOM	POSSIBLE CAUSE	POSSIBLE ACTION
No output or short output	Line blockage or air in fluid line	Make sure there is fluid in the tank
		Turn fog machine 45° to flatten out the bubble and allow the fog fluid to flow properly
		Prime by setting output to the highest setting
		Turn off the product for 5 seconds, and then turn it back on. Repeat as necessary. Note: After more than 10 attempts, contact Customer Service.
No output or splitting fluid	Incorrect fluid	Clean thoroughly with CHAUVET FCQ. Refill with CHAUVET water based fog fluid.
	Blocked pipes	Contact Customer Service
	Failing part	Contact Customer Service
Fuse keeps blowing	Excessive load on the circuit	Make sure that the total load does not exceed 80% of the breaker or fuse nominal current.
	Short circuit along the power lines	Check the power lines and power cords
Product does not power up	No energy on power outlet	Check the power outlet Change to another power outlet
	Loose or damaged power cord	Check the power cord
	Blown fuse	Replace blown fuse with a good one of the same type and rating
	Internal problem	Send product for repair
Product stops pumping/Loud noise	Low/No fluid	Refill product with fluid
	Pump protection system engaged	Release manual fog button, and press it again to reset pump protection system.



If you still experience problems after trying the solutions presented here, contact Chauvet Technical Support.

7. Technical Specifications

Dimensions and Weight

LENGTH	WIDTH	HEIGHT	WEIGHT
16.5 in (420 mm)	12.5 in (320 mm)	11.8 in (302 mm)	15.4lb (6.9 kg)

Note: Dimensions in inches rounded to the nearest decimal digit.

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	1070 W	1070 W
Operating Current	9 A	5 A
Fuse	F 13 A, 250 V	F 13A, 250 V
POWER I/O	U.S./WORLDWIDE	UK/EUROPE
Power input connector	Hard-wired	Hard-wired
Power Cord plug	Edison (U.S.)	Local Plug

Operation

HEAT-UP TIME	TANK CAPACITY	FLUID CONSUMPTION
5.5 min	0.9 gal (3.3 l)	108 ml/min

Fog Output

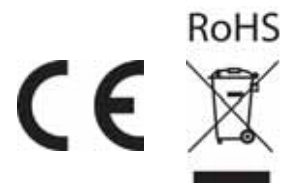
OUTPUT
20,000 cfm

Thermal

MAXIMUM EXTERNAL TEMPERATURE	COOLING SYSTEM
104 °F (40 °C)	Convection

Ordering

PRODUCT NAME	ITEM CODE	UPC NUMBER
Hurricane 1302(120 V)	05071299	781462216474
Hurricane 1302 (230 V)	05071303	781462216511



Returns

In case you need to get support or return a product:

- If you are located in the U.S., contact Chauvet World Headquarters.
- If you are located in the UK or Ireland, contact Chauvet Europe Ltd.
- If you are located in Mexico, contact Chauvet Mexico.
- If you are located in Benelux, contact Chauvet Europe BVBA.
- If you are located in any other country, DO NOT contact Chauvet. Instead, contact your local distributor. See www.chauvetdj.com for distributors outside the U.S., UK, Ireland, Mexico, or Benelux.



If you are located outside the U.S., UK, Ireland, Mexico, or Benelux, contact your distributor of record and follow their instructions on how to return Chauvet products to them. Visit our website www.chauvetdj.com for contact details.

Call the corresponding Chauvet Technical Support office and request a Return Merchandise Authorization (RMA) number before shipping the product. Be prepared to provide the model number, serial number, and a brief description of the cause for the return.

Send the merchandise prepaid, in its original box, and with its original packing and accessories. Chauvet will not issue call tags.

Clearly label the package with the RMA number. Chauvet will refuse any product returned without an RMA number.



Write the RMA number on a properly affixed label. DO NOT write the RMA number directly on the box.

Before sending the product, clearly write the following information on a piece of paper and place it inside the box:

- Your name
- Your address
- Your phone number
- RMA number
- A brief description of the problem

Be sure to pack the product properly. Any shipping damage resulting from inadequate packaging will be your responsibility. FedEx packing or double-boxing are recommended.



Chauvet reserves the right to use its own discretion to repair or replace returned product(s).

Contact Us

World Headquarters	
General Information	Technical Support
Address: 5200 NW 108th Ave. Sunrise, FL 33351 Voice: (954) 577-4455 Fax: (954) 929-5560 Toll Free: (800) 762-1084	Voice: (844) 393-7575 Fax: (954) 756-8015 Email: chauvetcs@chauvetlighting.com
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	Website
	www.chauvet.com.mx

Visit the applicable website above to verify our contact details and instructions to request support. Outside the U.S., United Kingdom, Ireland, Mexico or Benelux, contact the dealer of record.