

Hurricane™ 900

Snapshot

OK on Dimmer	⊘
Outdoor OK	⊘
Sound Activated	⊘
DMX512	⊘
Master/Slave	⊘
115V/230V Switch	⊘
Replaceable Fuse	✓
User Serviceable	⊘
Duty Cycle	⊘

USER MANUAL



Value - Innovation - Performance
3000 N 29th Ct, Hollywood, FL 33020 U.S.A.
(800) 762-1084 – (954) 929-1115
FAX (954) 929-5560
www.chauvetlighting.com

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1. BEFORE YOU BEGIN

What is included

- 1 x Hurricane™ 900
- 1 x Wired Remote
- 1 x Warranty Card
- 1 x User Manual

Unpacking Instructions

Immediately upon receiving a fixture, carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

AC Power

To determine the power requirements for a particular fixture, see the label affixed to the back plate of the fixture or refer to the fixture's specifications chart. A fixture's listed current rating is its average current draw under normal conditions. All fixtures must be powered directly off a switched circuit and cannot be run off a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel is used solely for a 0% to 100% switch. Before applying power to a fixture, check that the source voltage matches the fixture's requirement. Check the fixture or device carefully to make sure that if a voltage selection switch exists that it is set to the correct line voltage you will use.

Warning!

Verify that the voltage select switch on your unit matches the line voltage applied. Damage to your fixture may result if the line voltage applied does not match the voltage indicated on the voltage selector switch. All fixtures must be connected to circuits with a suitable Earth Ground.

Contact Us

World Wide

General Information CHAUVET
3000 North 29th Court
Hollywood, FL 33020
voice: 954.929.1115
fax: 954.929.5560
toll free: 800.762.1084

Technical Support CHAUVET
3000 North 29th Court
Hollywood, FL 33020
voice: 954.929.1115 **(Press 4)**
fax: 954.929.5560 **(Attention: Service)**

World Wide Web www.chauvetlighting.com

Safety Instructions



Please read these instructions carefully, which includes important information about the installation, usage and maintenance of this product.

- Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- Always make sure that you are connecting to the proper voltage, and that the line voltage you are connecting to is not higher than that stated on the decal or rear panel of the fixture.
- This product is intended for indoor use only!
- To prevent risk of fire or shock, do not expose fixture to rain or moisture. Make sure there are no flammable materials close to the unit while operating.
- The unit must be installed in a location with adequate ventilation, at least 20in (50cm) from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Always disconnect from power source before servicing or replacing lamp or fuse and be sure to replace with same lamp source.
- Secure fixture to fastening device using a safety chain. Never carry the fixture solely by its head. Use its carrying handles.
- Maximum ambient temperature (Ta) is 104°F (40°C). Do not operate fixture at temperatures higher than this.
- In the event of a serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- Never connect the device to a dimmer pack.
- Make sure the power cord is never crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.
- Avoid direct eye exposure to the light source while it is on.

Caution!

There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact CHAUVET at: 954-929-1115.

2. INTRODUCTION

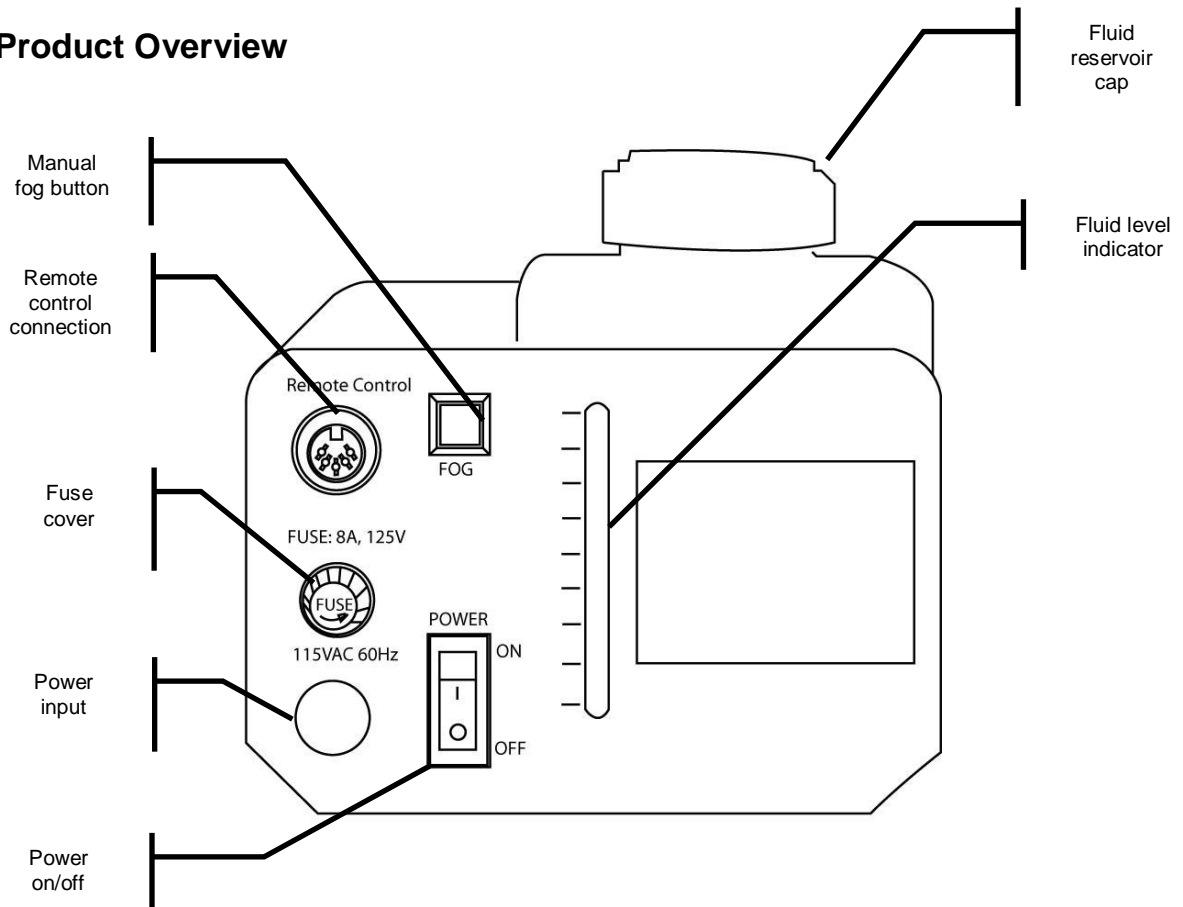
Features

- Output: 4,000cfm
- 1.3L tank capacity
- 5 minute heat up
- Manual fog button
- Wired remote included
- LED-illuminated tank
- Water-based fogger

OPTIONS

- Wired timer remote (FC-T)
- Wireless remote (FC-W)

Product Overview



Mounting

ORIENTATION

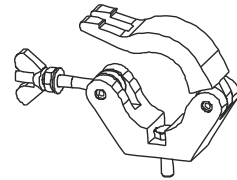
This fixture may be mounted in a 90° degree angle only, provided there is adequate room for ventilation.

RIGGING

It is important never to obstruct the fan or vents pathway. Mount the fixture using a suitable "C" or "O" type clamp. Adjust the angle of the fixture by loosening both knobs and tilting the fixture. After finding the desired position, retighten both knobs.

- When selecting installation location, take into consideration lamp replacement access and routine maintenance.
- Safety cables must always be used.
- Never mount in places where the fixture will be exposed to rain, high humidity, extreme temperature changes or restricted ventilation.

Hanging Clamp



Note!
Clamp is sold separately.

Hanging
bracket



Bracket
adjustment
knob

3. OPERATING INSTRUCTIONS

Operation

This mode will allow you to control the fogger manually, set the fog machine to run continuously, or to set the fog machine to run off bursts with adjustable interval and duration settings.

Manual Remote Operation (FC-M) (Optional)

1. Plug in the fog machine to power and turn the power switch to the fixture on.
2. Plug in the wired manual remote to the Remote Control socket on the rear of the fog machine.
3. Press the single button located on the remote to trigger the fog output.

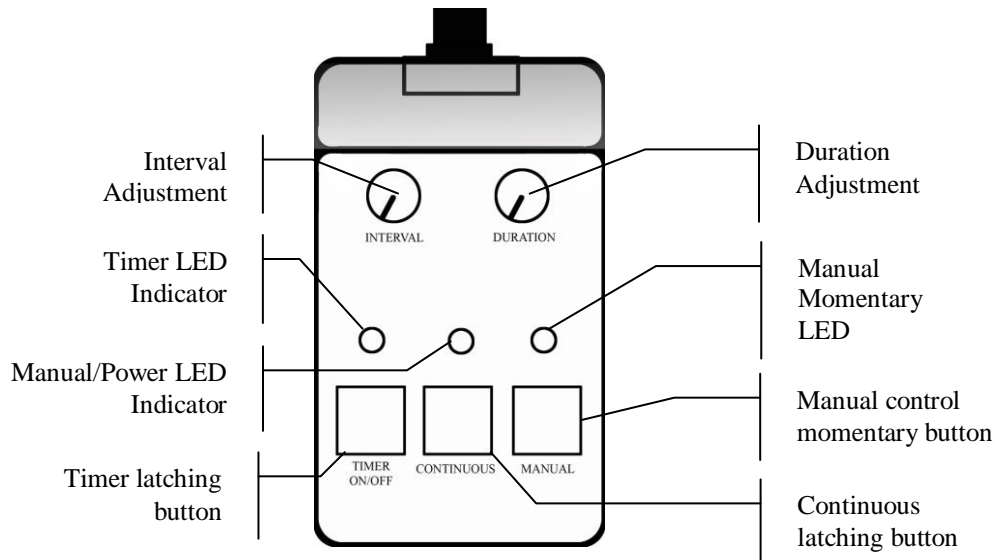
Note: The button is momentary, which means that the fog machine will only output while the button is pressed. Once the button is released, the fog will stop outputting.

Timer Remote Operation (FC-T) (Optional)

1. Plug in the fog machine to power and turn the power switch to the fixture on.
2. Plug in the timer remote to the Remote Control socket on the rear of the fog machine.
3. Press the TIMER ON/OFF button on the timer remote. The LED above the button should light, indicating activation of function.
4. You may now set the INTERVAL & DURATION adjustment knobs to the desired position.

Note: The INTERVAL is the time in between bursts of fog.

Note: The DURATION is the time that the fog machine will run during the burst.



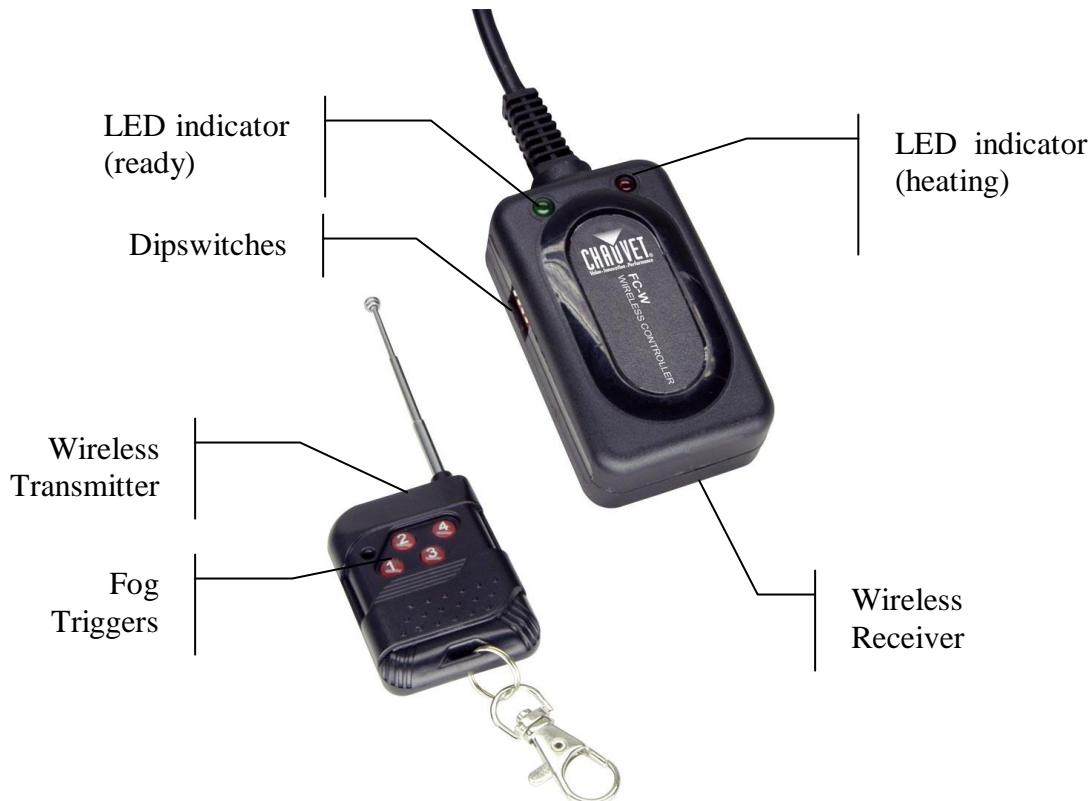
Wireless Controller (FC-W) (Optional)

This mode will allow you to control the fogger using the optional wireless controller. This consists of the transmitter and the receiver. You may control up to 4 independent fog machines or many more if you run them simultaneously. See the below instructions on setting up your fogger to operate with the FC-W.

1. Plug the wires receiver into the fog machine 5-pin port labeled "Remote Control".
2. There are 4 buttons on the wireless remote transmitter which act as triggers. Each button can be assigned to a different fog machine. You may only choose 1 dipswitch on each receiver. See the below configuration for setting the receivers to operate with the transmitter remote.

Mode	Dipswitches
CH1	1 = On, 2-4 = Off
CH2	2 = On, 1,3,4 = Off
CH3	3 = On, 1,2,4 = Off
CH4	4 = On, 1,2,3 = Off

3. Press the fog button, and the fog machine will output fog for as long as you hold down the button.



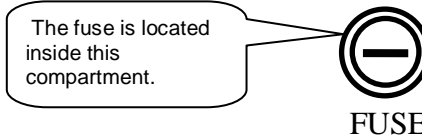


Disconnect the power cord before replacing a fuse and always replace with the same type fuse.



Fuse Replacement

With your hands, unscrew the fuse holder from its housing. Remove the damaged fuse from its holder and replace with exact same type fuse. Screw the fuse holder back in its place and reconnect power.



General Troubleshooting

Symptom	Solution(s)	Applies to			
		Lights	Foggers & Snow	Controllers	Dimmers & Chaser
Loss of signal	Use only DMX cables Install terminator Note: Keep DMX cables separated from power cables or black lights.	✓	✓	✓	✓
Relay will not work	Check reset switch Check cable connections				✓
Remote does not work	Make sure connector is firmly connected to device	✓	✓		

If you still have a problem after trying the above solutions, please contact CHAUVET Technical Support at the location listed below.

Technical Support

Address: Service Dept.
3000 N 29th Ct, Hollywood, FL 33020 (U.S.A.)
Support (Email): tech@chauvetlighting.com
Telephone: (954) 929-1115 - (Press 4)
Fax: (954) 929-5560 - (Attention: Service)
Website: <http://www.chauvetlighting.com>

4. APPENDIX

General Maintenance

To maintain optimum performance and minimize wear fixtures should be cleaned frequently. Usage and environment are contributing factors in determining frequency. As a general rule, fixtures should be cleaned at least twice a month. Dust build up reduces light output performance and can cause overheating. This can lead to reduced lamp life and increased mechanical wear. Be sure to power off fixture before conducting maintenance.

Unplug fixture from power. Use a vacuum or air compressor and a soft brush to remove dust collected on external vents and internal components. Clean all glass when the fixture is cold with a mild solution of glass cleaner or Isopropyl Alcohol and a soft lint free cotton cloth or lens tissue. Apply solution to the cloth or tissue and drag dirt and grime to the outside of the lens. Gently polish optical surfaces until they are free of haze and lint.

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics. Clean with soft cloth using normal glass cleaning fluid. - Always dry the parts carefully. - Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

Returns Procedure

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Merchandise Authorization Number (RMA #). Products returned without an RMA # will be refused. Call CHAUVET and request RMA # prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. CHAUVET reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

Note: If you are given an RMA #, please include the following information on a piece of paper inside the box:

- 1) Your name
- 2) Your address
- 3) Your phone number
- 4) The RMA #
- 5) A brief description of the symptoms

Claims

Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise. It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Any other claim for items such as missing component/part, damage not related to shipping, and concealed damage, must be made within seven (7) days of receiving merchandise.

Technical Specifications

WEIGHT & DIMENSIONS

Length 9.7 in (248 mm)
Width 8.9 in (228 mm)
Height 8.6 in (220 mm)
Weight 7.7 lbs (3.5 kg)

POWER

AC Power (voltage specific) 115VAC 60Hz or 230VAC 50Hz
Fuse 2A 250V
Power Consumption 404W (3.3A) max @ 120V
Inrush Power (3.3A) @ 120V
Power Factor 1.00 @ 120V

THERMAL

Maximum ambient temperature 104°F (40°C)

ORDERING INFORMATION

Hurricane™ 900 HURRICANE900

WARRANTY INFORMATION

Warranty 1-year limited warranty