

### Optional Controllers

- Timer Remote (Model FC-4)
- Wireless remote (Model FC-5)
- DMX Adaptor (Model DMX-3F)

### Power Connections

The unit is supplied with a power plug appropriate to its voltage and destination. Should any other connections be required they must be carried out with the following configuration.

Earth = Green/Yellow cable

Neutral = Blue cable

Live = Brown cable

In the USA& Europe, it is required that all plugs are 3-pin type i.e. with Earth/Ground connection.

In the UK, it is required that all mains plugs are fitted with 5A fuses.

### Technical Specifications

Power	120V~60Hz AC	230V~50Hz AC
Fuse	20mm Glass 5A Fast Blow	20mm Glass 3.15A Fast Blow
Preheat Time	4 minutes	
Fog Output	1,500 cu ft per minute	
Tank Capacity	1 Pint	
Dimensions	241 x 140 x 109mm / 9.5in x 5.5in x 4.3in	
Weight	1.6kg / 3.5lbs	

### User Information (Please complete for your records)

Date Purchased:     /     /     Serial No: \_\_\_\_\_

Dealer Stamp:                      Model: F-650 FOGGER



# Hurricane Fogger

## F-650

## User Guide

*Please read these instructions carefully before use*

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At the Rear:

- Manual Fog Button
- Fuse Holder
- Socket for Remote Control



## **Introduction**

Congratulations on the purchase of your new CHAUVET fog machine. We are confident you will enjoy many trouble free hours with this unit. To assist with the care and use of the product we have prepared this short guide.

## **Operation**

Before connecting this unit to the mains power supply for the first time you must first fill the fluid tank with fog fluid and check that the nozzle is clean and unobstructed.

This fog machine has been designed to function on a mains power supply of either 120V~60Hz or 230V~50Hz and has been fitted with a suitable power plug for use with your local voltage. Check the label on the unit and the power plug for the correct voltage.

Place the machine on a level surface and loosen the cap of the fluid tank to fill with quality water based fog fluid. We recommend use of CHAUVET fog fluid as it has been specially formulated for use with CHAUVET foggers. Plug the remote control unit into the socket at the rear and switch on to allow time to preheat. Once the machine has reached temperature and is ready to operate the orange light on remote control will illuminate. Push the button on the remote control when lit and hold for prolonged bursts of fog.

Always monitor fog fluid level as running the machine with no fluid could cause permanent damage. Please do not touch or place anything in close proximity to the nozzle during operation or preheat as there is a danger of burns.

It is normal for your fogger to have a recycling period after long bursts when the unit will shut itself down for a short period in order to heat up to temperature. During this time no fog can be produced. The orange light on the remote will illuminate when the unit is ready for action again.

Due to the high operating temperature of fog machines it is advised that the effect be used in well ventilated areas taking care not to obstruct the air vents. After use, allow time to 'cool' for safety before moving or touching.

## **Installation / Mounting**

The fogger must be used in a horizontal position sitting on a level surface, ensuring that the fog is not shooting directly at anyone's face. The fogger must not have more than a 15 degree angle of inclination.

## **Cleaning**

Cleaning your fog machine regularly will help reduce costly parts replacement and repair charges.

After every 40 hours of continuous operation or when the machine will be idle for a long time it is recommended to run a cleaning solution composed of 80% distilled water and 20% white vinegar through the system to prevent the accumulation of particles in the heating element.

1. Empty all fog fluid from the machine and replace with cleaning solution in the tank. Plug unit in and allow to warm as usual.
  2. Run unit in a well ventilated area until tank is empty.
  3. Cleaning is now complete. Unplug and refill with a quality water based fog fluid once cool. All fog machines are prone to clogging due to the consistency of fog fluid and the high temperatures at which it vaporizes. However a well maintained machine should provide years of reliable use.
- The body of the unit may be cleaned with a dry cloth. Store dry.

## **Maintenance & Servicing**

*Do not allow fog fluid to become contaminated. Always replace cap after use.*

Work on internal parts should be carried out by a qualified technician. Removal of any covers is considered a breach of warranty and will not be covered under any such agreement unless authorized first by CHAUVET.

## **Troubleshooting**

If you experience low output, pump noise or no output at all, unplug immediately. Check fluid level, the external fuse, remote connection and main power supply. If all appear to be OK, plug the unit in again. If fog does not come out after holding the remote control button for 30 seconds, check the hose attached to the tank to make sure there is fluid going through the hose. If you are unable to determine the cause of the problem, do not simply continue to push the remote control button as this may damage the unit. Contact CHAUVET for servicing.

## **Caution**

- Do not obstruct the nozzle. Fog output is very hot, avoid coming within 60cm (24") of the nozzle during operation. Never aim the nozzle directly at people or naked flames.
- Danger of Burns. Keep out of reach of children. Do not leave machine unattended.
- Output nozzle becomes very hot during operation (300oC). Keep flammable materials at least 50cm (20") away from the nozzle.
- Always allow the fogger to cool down before cleaning or servicing.
- Never use any other type of liquid other than water based quality fog fluid.
- Never drink fog liquid. If its ingested, call a doctor immediately. If fog fluid comes into contact with skin or eyes, rinse thoroughly with water.
- Beware of condensation around the nozzle. Consider carefully when mounting.
- All fog machines may splutter small amounts of fog occasionally during operation and for a minute or so after being turned off.
- No user serviceable parts inside, please refer to CHAUVET for service.