

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 snow 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.

Contact Chauvet

USA

Technical Assistance: 1-800-762-1084 (954) 929-1115

E-Mail tech@chauvetlighting.com

Caution

- Never use any other type of liquid other than UNSCENTED water based snow fluid.
- Use of any other fluids or additives will void the warranty
- Do not obstruct the nozzle.
- Never aim the nozzle directly at people or naked flames.
- Keep out of reach of children. Do not leave machine unattended.
- Never drink snow liquid. If its ingested, call a doctor immediately. If fluid comes into contact with skin or eyes, rinse thoroughly with water.
- Beware of condensation on the floor from accumulation of snow. Consider carefully when using the SM-150X.

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 Input:	AC 120V 60 Hz or 230V 50 Hz
Snow Output:	10 Cubic inches per Minute
Fuse:	15A 125V or 10A 250V
Tank Capacity:	5 Liter
Dim:	21.3 x 9.8 x 11.2 in 540 x 250 x 285mm
Weight:	26.4 lbs / 12 Kg

User Information (Please complete for your records)

Date Purchased: / /

Serial No: _____

Dealer Stamp

Model: **SM-150X DMX Snow Machine**



DMX Snow Machine

SM-150X

User Guide

Please read these instructions carefully before use

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On the Rear

- Socket for Remote Control (In/Out)
- DMX In/Out
- Blower Lo/High
- Manual Snow button
- On/Off Switch
- Power Cord Socket and Fuse holder



- Eyebolt for Safety Cable
- Sock

Introduction

Congratulations on the purchase of your new CHAUVET snow 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 snow fluid. Place the machine on a level surface and loosen the cap of the fluid tank to fill with quality unscented water based snow fluid. We recommend use of CHAUVET snow fluid as it has been specially formulated for use with CHAUVET snow machines. Plug the remote control unit into the socket at the rear of unit. The snow machine is ready to work immediately. There is no need for the unit to preheat.

This snow 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.

Always monitor fluid level as running the machine with no fluid could cause permanent damage.

As with most electrical equipment, it is advised that the effect be used in well ventilated areas taking care not to obstruct the air vents.

- Never use any other type of liquid other than UNSCENTED water based snow fluid.
- Use of any other fluids or additives will void the warranty.

Maintenance & Servicing

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

Controlling the SM-150X

1. FC-4HS Timer remote - Plug the controller into the back of the SM-150X and press the red button to continually generating snow. Press the yellow button to activate the timer functions. Adjust the duration and interval knobs to achieve the desired effect. The unit will cycle regularly to the settings. Depress the yellow button again to exit time mode. To use the FC-4HS manually, simply depress and hold the green button to generate the desired amount of snow.
2. DMX Mode - The SM-150X is a one channel unit that controls the volume of snow generated. To operate in DMX mode, you must link the units together using a premium quality 3-pin DMX cable in the following configuration. 'Out' from the first unit to 'In' on the second, 'Out' from the second to 'In' on the third and so on. Please consult the controller manual to determine the proper address for the units.

Example: To set the address at 12

1. Set SW 10 to OFF.
2. Count the value of the switches in the on position. and SW 4 equals 8.
3. Set SW 3 and SW 4 to the ON position. (4 + 8 = 12)

SW	1	2	3	4	5	6	7	8	9	10	11	12
On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
Value	1	2	4	8	16	32	64	128	256	512	1024	2048

Installation / Mounting

The snow machine must be used in a horizontal position sitting on a level surface or it may be mounted using the bracket provided. Ensuring that the snow is not shooting directly at anyone's face. Whatever method of installation you choose, the snow machine must not have more than a 15 degree angle of inclination. We always suggest that for safety purposes use of a suitable hanging clamp and safety cable is essential. CHAUVET offers a range of items, which are ideal for safe mounting.

Replacing Fuses

If the unit does not function at all when connected to the main power supply then it is highly likely that the fuse has blown.

Disconnect from main power supply before attempting to replace the fuse.

In order to replace the fuse, disconnect from the main power supply first, and then remove the fuseholder cover to reveal the fuse. The unit has a label attached which indicates the correct fuse rating and you will also find this listed as part of the specifications for the unit later in this guide. It is most important that replacement fuses are of the correct rating. Failure to use the correct fuse could damage the unit beyond economic repair.

The fuse should simply be placed inside the holder and the cover replaced. When this is done connect to the main power supply to check. If the unit is still not working then please contact CHAUVET.

Cleaning

Cleaning your snow machine regularly will help reduce costly parts replacement and repair charges. After every 20 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 pump and tubing.

1. While unit is unplugged, remove the sock front of unit (fig.1) and clean out debris with white vinegar and a pipe cleaner, making sure that the hole is free and unobstructed.
2. Empty all snow fluid from the machine and replace with cleaning solution in the tank. Plug unit in.
3. Run unit in a well ventilated area until tank is empty.
4. Replace the sock.
5. Cleaning is now complete. Unplug and refill with a quality water based snow fluid once cool.

All snow machines are prone to clogging due to the consistency of the fluid. 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.

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