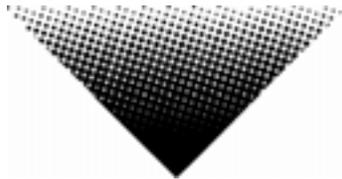


SM-80 Mini Snow Machine™

Snapshot

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

USER MANUAL



Chauvet, 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 Mini Snow Machine™
- Timer Remote
- Warranty Card
- 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 unit, see the label affixed to the back plate of the unit or refer to the unit's technical specifications. A unit's listed current rating is its average current draw under normal conditions. All units 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 unit, check that the source voltage matches the unit's requirement.

Warning! *Verify that the voltage required by your unit matches the line voltage applied. Damage to your unit may result if the line voltage applied does not match the voltage required by your unit. All fixtures must be connected to circuits with a suitable Earth Ground.*

Contact Us

World Wide

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

Technical Support Chauvet Lighting
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 the fuse and be sure to replace with same fuse type and rating.
- Secure unit to fastening device using a safety chain.
- Maximum ambient temperature (Ta) is 104°F (40°C). Do not operate unit 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.
- Don't 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 aiming the unit at people while it is on.

Caution!

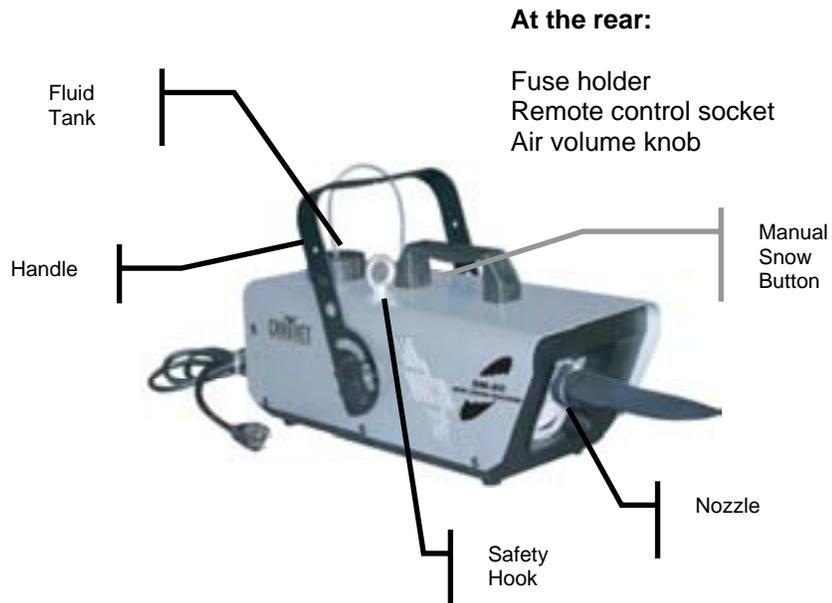
There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact CHAUVET at: 954-929-1115.

2. INTRODUCTION

Features

- Adjustable output of snow
- No warm up time
- Disperses snow over a large area
- Wired timer remote included

Product Overview



3. SETUP

Snow Fluid

Before connecting this unit to the mains power supply for the first time you must first fill the fluid tank with snow fluid and attach the sock to the front of the unit.



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



Fuse Replacement

With a flat-head screwdriver, 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.

The fuse is located inside this compartment. Remove using a flat head screwdriver.



FUSE

Mounting

ORIENTATION

The snow machine must be used in a horizontal position sitting on a level surface or it may be mounted using the bracket provided. Ensure 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 (tilt).

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 should 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.

4. OPERATING INSTRUCTIONS

Manual Operation

- 1) Plug the remote control unit into the socket at the rear of the unit.
- 2) On the rear of the unit, choose desired air volume by adjusting the air volume knob.
- 3) Press the power switch on the remote. Red indicator light will illuminate to indicate unit is working.
- 4) Press the "MANUAL" button on the remote control to disperse snow. Snow will continue to disperse as long as button is depressed.
- 5) Adjust output volume dial to desired flow.

Note: *Always monitor snow fluid level as running the machine with no fluid could cause permanent damage.*

Note: *Please do not touch or place anything in close proximity to the nozzle during operation.*

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.

Timer Operation

- 1) Plug the remote control unit into the socket at the rear of the unit.
- 2) On the rear of the unit, choose desired air volume by adjusting the air volume knob.
- 3) Press the power switch on the remote. Red indicator light will illuminate to indicate unit is working.
- 4) Press the "TIMER" button on the remote control to activate the timer.
- 5) Use the "INTERVAL" knob to adjust the time period between outputting snow. Clockwise increases the interval; counterclockwise decreases the interval.
- 6) Use the "DURATION" knob to adjust the length of time snow is output every interval. Clockwise increases the duration; counterclockwise decreases the duration.
- 7) Adjust output volume dial to desired flow.

Note: *Always monitor snow fluid level as running the machine with no fluid could cause permanent damage.*

Note: *Please do not touch or place anything in close proximity to the nozzle during operation.*

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.

Troubleshooting

If you experience low output, pump noise or no output at all, unplug immediately and do the following:

- 1) Check fluid level, the external fuse, remote connection and main power supply. If all appear to be OK, plug the unit in again.
- 2) 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.
- 3) 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 Technical Support at the location 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>

5. APPENDIX

General Maintenance

Warning: If your snow machine will be stored for more than 30 days, it must be purged before being stored. Failure to do so will void your warranty. To purge your fogger or snow machine, follow the instructions below.

Your snow machine should be purged every 15 days to avoid build-up of particles in the system. To purge your snow machine, follow these instructions:

- 1) Drain the unit of all fluid.
- 2) Fill the tank with distilled water.
- 3) Run the unit until all the distilled water is consumed (i.e. until the tank is dry).
- 4) Store your unit.
- 5) It is highly recommended that you run your unit with its respective fluid and then purge the system AT LEAST once every 30 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 (RA #). Products returned without an RA # will be refused. Call CHAUVET and request RA # 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 RA #, 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 RA #
- 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..... 13.5 in (343 mm)
Width6 in (152 mm)
Height7 in (178 mm)
Weight 5.4 lbs (2.4 kg)
Tank capacity 1 qt

OUTPUT

Volume8 cubic inches per minute

THERMAL

Maximum ambient temperature.....104°F (40°C)

FUSE

110V Operation20mm 7A 125V slow blow or 20mm 7A 250V slow blow
230V Operation 20mm 4A 250V slow blow

ORDERING INFORMATION

Snow Machine SM-80
Wireless Remote FC-5
DMX Converter..... DMX-3F

WARRANTY INFORMATION

Warranty..... 1-year limited warranty