



**GLOBAL**  
SPECIAL EFFECTS

# FOAM CANNON LITE

**INSTRUCTION MANUAL**





# GETTING STARTED

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Included in the Package:

- Foam Cannon LITE Assembly (With Cradle)
- Foam Cannon LITE Stand with Cradle
- Foam Cannon LITE Instruction Manual
- Sump Pump
- Supply Hose

## CUSTOMER SERVICE

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Thank you for purchasing the Foam Cannon LITE! Please contact us with any questions or comments you may have.

**Phone Support:** (256) 229-5551

**Email Support:** [info@globalspecialeffects.com](mailto:info@globalspecialeffects.com)

### **NOTE:**

Please read this instruction manual thoroughly prior to use. Failure to comply with instructions could result in personal injury or property damage. Retain this instruction manual for future reference.

TECHNICAL SPECIFICATIONS	
Supply Voltage	120 Volts — 60Hz (3 Prong Grounded)
Blower Fan Wattage	550 Watts
Sump Pump Wattage	250 Watts
Maximum Total Amperage	9.0 Amp
Supply Hose	5/8" Inside Diameter

## SAFETY INFORMATION

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1. Do NOT attempt to install, service, or perform maintenance on the unit while connected to an electrical circuit. This could cause serious harm to the operator and/or Foam Cannon LITE.
2. The electric circuit used for operation of this device should be installed and checked by a qualified electrician to ensure proper grounding and conformance to National Electric Code and all local codes.
3. Electrical circuit voltage and amperage ratings must be checked by qualified electrician prior to use.
4. Prior to each use, inspect all electrical devices for frays, cut cords, or any other damage and discontinue use if found.
5. The unit is intended for outdoor use and must be connected to a Ground Fault Circuit Interrupter (GFCI) device.
6. This machine is equipped with a 3-prong grounded plug and must be used with a 3-prong grounded socket.

7. The unit should be fully assembled prior to connection of electric service.
8. Do NOT stick any objects into the blower fan blades during operation.
9. There are no serviceable components under top switch/plug cover of the Foam Cannon LITE. Do NOT disassemble. Any repairs must be performed by the manufacturer or an approved agent.
10. The Foam Cannon LITE must be operated on a level and firm surface with the provided stand securely fixed in place.
11. Use only approved foam solutions mixed per manufacturer instructions in the Foam Cannon LITE.
12. Do NOT allow users to climb on or hang from the Foam Cannon LITE or supplied stand.
13. Use caution on wet and slippery surfaces around the Foam Cannon LITE and keep participants a safe distance away to avoid running into or hitting the device.
14. The Foam Cannon LITE is intended for outdoor use only.

# GENERAL OPERATING INSTRUCTIONS

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**WARNING:**

Unplug unit from power source while moving, assembling, and setting up for operation.

**WARNING:**

Do not operate the Foam Cannon outside during raining conditions or locate the unit in or near standing water.

**NOTE:**

The Foam Cannon is shipped without the handles attached to prevent damage during the shipping process. You may re-attach the handles at any point.

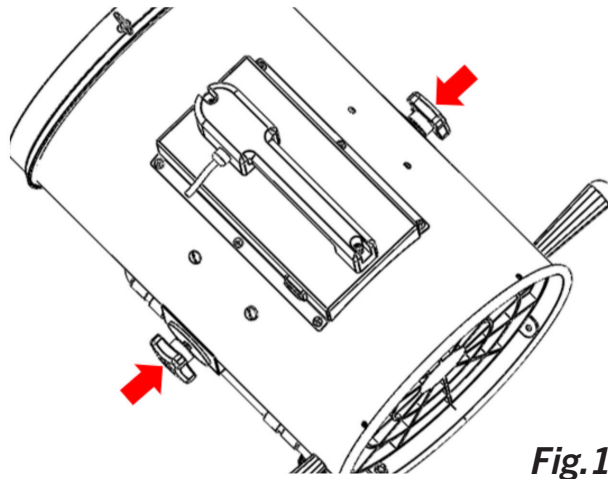
1. Determine the desired operating location for the unit. The Foam Cannon requires secure location on a level and firm surface.

**NOTE:**

Ground surfaces may become soft when dampened causing the Foam Cannon to lose stability.

2. With the Foam Cannon assembly detached, spread the legs on the stand to the widest point then stabilize on the predetermined operating surface.
3. Attach the cradle to the stand and adjust it to the desired operating height by loosening the hand knob located on the side of the stand, then re-tightening once in place.

4. Loosen the hand knobs located on both sides of the Foam Cannon LITE as shown in **Fig.1**.

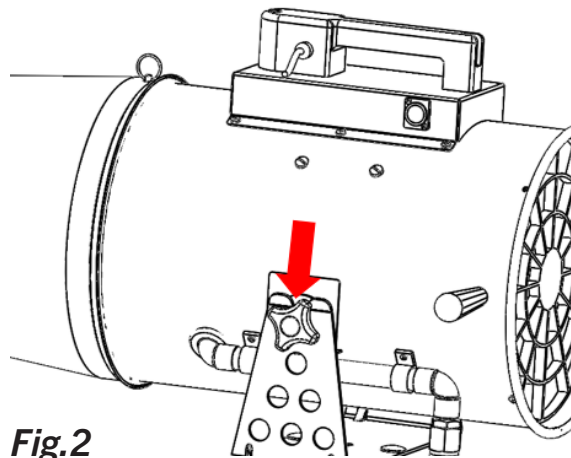


**Fig.1**

5. Carefully lift the Foam Cannon up into place into the slots in the cradle on the stand as indicated in **Fig.2**.

**NOTE:**

Two people may be required to lift the unit safely into position. Use appropriate ladders or scaffolding when raising the Foam Cannon LITE into elevated positions.



**Fig.2**

6. Hand tighten the knobs depicted in **Fig.1 and 2** until the Foam Cannon LITE no longer freely pivots on the pins.

**NOTE:**

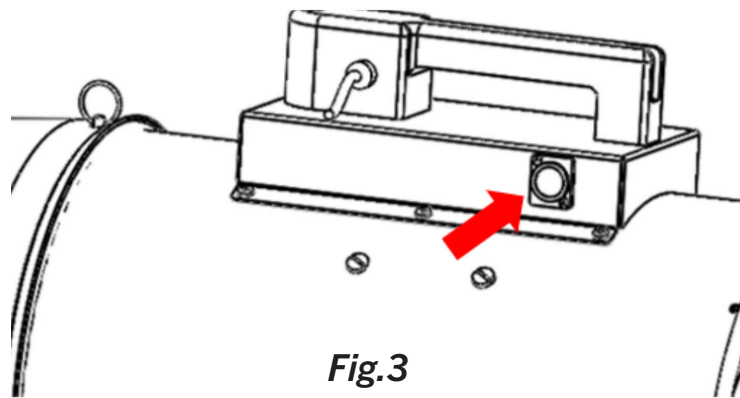
The wide washers should be placed between the cradle and the mounting bracket on the Foam Cannon. These allow for adjustment of the friction level on the center pivot based upon a fixed location or free motion when an operator desires to actively change the direction of the foam during use.

7. Locate the solution tank at the base of the stand out of the way of the operator and any participants.
8. Fill the solution tank with foam making solution per manufacturer recommendations/instructions.

**NOTE:**

Use adequately sized tank based upon desired duration of use.  
The Foam Cannon will consume approximately 2-3 gallons of foam solution per minute of continuous use.

9. Attach the supply hose to the discharge port of the Sump Pump.
10. Drop the Sump Pump into the lowest point of the solution tank.
11. Attach the supply hose from the Sump Pump to the inlet on the Foam Cannon.
12. Plug the Sump Pump power connector into the socket shown in **Fig. 3**, by pressing and then twisting until you feel a click.



13. Plug the main power cord into the electric supply.
14. Ensure the Foam Cannon exit cone is pointed in a safe direction and participants are standing a safe distance away from the unit.
15. Turn the Foam Cannon on by flipping the switch located on the handle of the Foam Cannon.
16. Allow a few seconds for foam production to begin. Then, an operator may change the direction of the foam by grasping the handles located at the back of the unit and rotating/pivoting the unit on top of the stand.
17. Monitor the level of the foam solution in the tank and shut off the Foam Cannon once the tank is drained to a point where the Sump Pump can no longer collect fluid.

**NOTE:**

Do NOT run the Sump Pump dry.

## **MAINTENANCE**

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**WARNING:**

Unplug unit from power prior to cleaning or maintenance.

1. Perform care and maintenance of Sump Pump system.
2. The supply hose should be disconnected from the Foam Cannon and drained after every use.
3. Periodically wipe down the exterior of the Foam Cannon with a clean damp cloth.
4. The Foam Cannon should NOT be stored in a damp condition. Wipe down excess moisture, then allow the unit to air dry as quickly as possible after each use to optimize the life of the unit.



# TROUBLESHOOTING

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- The unit will not turn on when the switch is in the on position.
  1. Check that the Foam Cannon is securely plugged into a GFCI outlet.
  2. Make certain the GFCI outlet is not tripped.
  3. Verify the electrical circuit is active by testing with known good device.
- The blower fan is running but the Sump Pump is not, even when the switch is in the on position.
  1. Verify that the blue power plug is securely locked into the mating socket located on the top cover of the Foam Cannon.
- The blower fan and Sump Pump are running, but zero or low flow of solution is supplied to the Foam Cannon.
  1. Check that the supply hose from Sump Pump is not kinked.
  2. Ensure the connectors on supply hose are not loose and/or leaking.
  3. Verify that no debris is clogging the inlet of the Sump Pump.
  4. Make certain the foam solution level is not low.
  5. Confirm that the spray nozzle is not clogged and see that it doesn't require any cleaning or maintenance.
- The blower fan and Sump Pump are running with solution spraying into the Foam Cannon, but little to no foam flow is being produced.
  1. Check that the supply hose is not kinked or clogged with debris.
  2. Ensure the connectors on supply hose are not loose and/or leaking.
  3. Make certain the foam solution level is not low.
  4. Confirm that the spray nozzle is not clogged and see that it doesn't require any cleaning or maintenance.
  5. Ensure that the foam forming membrane is not clogged and doesn't require any cleaning or maintenance.
  6. Check that the forming membrane is present and installed correctly.
  7. Verify the sprayer nozzle is directing the solution spray pattern into the center of the foam forming membrane.

- The blower fan and/or Sump Pump overheats and periodically turns off after a period of operation.
  1. Ensure the supply voltage from electrical circuit is not low.
  2. Check that the supply hose from Sump Pump is not kinked.
  3. Verify that no debris is clogging the inlet of the Sump Pump.
  4. Make certain the air flow to the blower fan is not restricted.

## **WARRANTY**

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### **LIMITED LIFETIME WARRANTY**

Global Special Effects provides a Limited Lifetime Warranty for the Foam Cannon LITE from any manufacturing defects. Any misuse, abuse, or negligence automatically voids this warranty. Running any other fluids or solutions other than Global Special Effects solutions through the pump automatically voids this warranty. Global Special Effects is not responsible for loss of income, labor, or business as a result of a Foam Cannon LITE's malfunction. Global Special Effects is not responsible for physical damage, scratching, or tube damage after shipping from the Global Special Effects manufacturing facility. For safety reasons, Global Special Effects will repair damaged electrical wires per the warranty. The Limited Lifetime Warranty applies to the circuit board and other electronics to the blower or pump.

Direct all questions and claims to the Global Special Effects customer service line at (256) 229-5551.

