

**SF-1000**

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**Owner's Manual**

# **FOG MACHINE**

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**STAIRVILLE**

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Thank you for choosing one of our fog machines. You now own a rugged and powerful state-of-the-art machine. Prior to use, we suggest that you carefully read all of the instructions. By following the suggestions found in this user manual, you can look forward to the reliable and satisfactory performance of your fog machine for years to come.

## 1. Cautions

For your own safety you must read this section in full first!



- Never drink fogger liquid. If it is ingested, call a doctor immediately. If Fogger liquid comes in contact with skin or eyes, rinse thoroughly with water.
- Do not overfill your fog machine. Overfilling will cause the unit to clog.
- If your fog machine fails to work properly, discontinue use immediately. Drain all fogger liquid from the tank, pack the unit securely (preferably in the original packing material), and return it to your fogger dealer for service.

### Danger of electric shock or burns

- Keep this device dry. For inside use only. Not designed for outside use.
- For the 230V models, use 3-prong grounded electrical outlet only. Prior to use take care to determine that the unit is installed at the rated voltage.
- Always unplug your fog machine before filling its tank.
- Keep Fogger upright.
- Turn off or unplug when not in use.
- This machine is not water- or splash proof. If moisture, water, or fog liquid gets inside the housing, immediately unplug the unit and contact a service technician or your fogger dealer before using it again.
- No user serviceable parts inside. Refer to your Fogger dealer or other qualified service personnel.
- The output nozzle becomes very hot during operation (300 °C). Keep flammable materials at least 60 cm away from the nozzle.
- Always allow your fog machine to cool down before attempting to clean or service it.
- For adult use only. Fogger must be installed out of the reach of children.
- Never leave the unit running unattended.
- Never aim the output at open flames.

## **Danger of explosion**

- Never add flammable liquids of any kind (oil, gas, perfume) to the fog machine liquid or the fluid container.
- Pay attention to all warning labels and instructions printed on the exterior of your fog machine.
- Never let the fogger close up to any flame, flammable or explosive substance to avoid fire and explosive.
- Use only high-quality liquid or suitable dealer recommended fog fluid.
- Always make sure there is sufficient liquid in the fog machine liquid tank. Operating this unit without liquid may cause permanent damage to the machine.

## **2. Unpacking & Inspection**

- Open the shipping carton and verify that all equipment necessary to operate the system has arrived intact.
- Your fog machine should be accompanied by the following items:
  1. This user manual!
  2. Power cord
  3. Multi-function remote control with attached cord
- If any equipment is missing contact your fog machine dealer immediately.
- Please also contact your vendor when you find any destroyed or omitting parts.
- Before beginning initial setup of your fog machine, make sure that there is no evident damage caused by transportation. In the event that the unit's housing or cable is damaged, do not plug it in and do not attempt to use it until after contacting your fog machine dealer for assistance.

## **3. Setup**

- Remove all packing materials from shipping box, check that all foam and plastic padding is removed, especially in the nozzle area.
- Place the fog machine on a flat surface and remove liquid tank cap.
- Pour high quality fog water-based liquid into the liquid tank, being careful not to exceed the maximum fluid level. **DO NOT OVERFILL.** Use only our Fogger Liquid or other dealer-recommended high-quality fog fluid. Any other types of fluid can damage the unit. When the container is full, place the cap back on the liquid tank and tighten.
- Firmly attach remote control cable to the proper input on the rear of the machine.

## 4. Operation

- Plug the power cord into a properly wired and grounded electrical outlet. Turn the power switch on rear of unit to position “ON”.
- Once the red light comes on the machine must warm-up .This period varies depending on conditions but should not take more than 10 minutes under any circumstances.
- The green light on the remote control will turn on once the machine is ready to produce haze. When the green light turns on, the machine may be operated using the remote control. Prior to the green light turning on the machine will not haze and the functions will not respond.
- The fog machine is controlled via the remote control. Please refer to the section titled Remote Control Operation for detailed instruction on the various functions available.
- The remote unit’s lamp will cycle on and off as the machine re-heats to the proper operating temperature.
- As your model includes a mounting bracket designed for overhead installation, it may be installed at floor level or suspended overhead. If the unit is to be mounted using the bracket, it is important that the fog does not shoot directly at any one’s face. Whatever installation method you choose, do not allow the unit to have more than a 15 degree angle of inclination.

### **Important:**

Always monitor tank fluid level during operation. The fog machine can suffer damage when run without fluid. If the machine does not function after having been run without fluid, please contact your Fogger dealer for service.

### **Remote Control Operation**

- The INTERVAL knob adjusts the time between discharges when the timer function is engaged. The range is from 10 ~ 180 seconds.
- The second knob labelled “DURATION” controls the duration of the haze blast produced. The range is from 1 ~ 10 seconds.
- The yellow TIMER button controls the timer function. Depress the button to activate it. When activated the yellow light will turn on. Adjusting the interval knob will determine the time between haze output (10 ~ 180 seconds).
- The green MANUAL button will produce a continuous blast at maximum volume while the button is held down. When released, the manual function stops and the machine will return to the previous setting.

- Note: The manual function overrides all other functions. When depressed and held down, the Fogger will haze at maximum volume for as long as the button is held down, regardless of the machine's setting at the time.

## **Fog Liquid**

- The fog machine operates on regular fog liquid. The machine has been designed to produce exceptional haze using Stairville fog liquids. Use only our high quality fog liquids or other dealer recommended fog fluids. Failure to use high quality fog liquid can damage the machine.
- The Fogger can only be operated using fog fluids or fluids recommended by your dealer that are designed to be used exclusively in the fog machine.
- Do not allow the fog liquid to become contaminated. Contamination includes adding fragrances, oils, dust or any other foreign materials to the fog liquid supply. Always replace the caps on the fog liquid container and the Fogger's liquid tank immediately after filling.

## **5. Cleaning**

After every 40 hours of continuous operation, we recommended to run a cleaning solution composed of 80% distilled water 20% white vinegar through the system to prevent the accumulation of particulate matter in the heating element. Please follow these guidelines:

1. While the unit is unplugged and cooled down, unscrew the nozzle at the very front of the unit and clean out debris with vinegar and a pipe cleaner, making sure that the hole is free of clogs.
2. Empty all fog fluid from the machine. Add cleaning solution to the tank. Plug the unit in and let it warm up.
3. Run the unit in a well-ventilated area, until the tank is empty.
4. Replace the nozzle.
5. Cleaning is now completed, refill with fog liquid.

## **6. Troubleshooting**

If you experience low output, pump noise or no output at all, unplug the unit immediately. Check the fluid level, the external fuse, remote connection, and power from the wall outlet. If all of the above appears to be O.K., plug the unit in again. If fog does not come out after holding the remote button down 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 pushing the remote button, as this may damage the unit. Return the machine to your dealer.

## WARNING!

- ▶ Never block ventilation holes!
- ▶ Never touch the unit when it's hot!
- ▶ No user serviceable parts inside. Refer to your Fogger dealer or other qualified service personnel.



## 7. Specification

Rating Voltage:	220-240V~/50Hz
Power:	1000W
Fuse:	5A/250V
Tank capacity:	1,5 Liter
Dimensions:	430 x 220 x 140 mm
Weight:	ca. 8 kg

As we continuously strive to improve our products, all specifications and appearance are subject to change without prior notice.

Keep this manual for future reference.

## 8. Disposal

**Do not dispose of the device at the end of his operating life in your normal domestic waste. This device is subject to the European Guidelines 2002/96/EC.**



- Have the product disposed of by a professional disposal company or by your communal disposal facility.
- Observe the currently applicable regulations. In case of doubt contact your disposal facility.
- Dispose of packaging materials in an environmentally responsible manner.





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