

# Antari® FOG MACHINE

## F-80Z USER MANUAL

*Congratulations on the purchase of your new  
ANTARI F-80Z FOG MACHINE.*




◆ Save these instructions

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Thank you for choosing the F-80Z. 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 exceptional

## SPECIFICATIONS

|   |                                |
|---|--------------------------------|
|  | Power: AC 120V/60Hz 230V/50Hz  |
|   | Heater: 700W                   |
|   | Fuse: 125V/7A 250V/3.15A       |
|   | Warm-up time: 4 minutes        |
|   | Output: 2500 cuft/min          |
|   | Tank capacity: 0.7 litre       |
|   | Dimensions: 333 x 160 x 130 mm |
|   | Weight: 4.5 kg                 |

performance from your Antari Fog Machine for years to come.

**Please follow these operation, safety and maintenance instructions to ensure a long and safe life for your fog machine.**

## CAUTIONS

***Pay attention to all warning labels and instructions printed on the exterior of your Antari Fog Machine***

### ***Danger of electric shock***

- Keep this device dry.
- For inside use only. Not designed for outside use.
- For the 110V 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 Antari Fog Machine before filling its tank.
- Keep fog machine 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 Antari dealer before using it again.
- No user serviceable parts inside. Refer to your Antari dealer or other qualified service personnel.

### ***Danger of burns***

- For adult use only. Fog machine must be installed out of the reach of children. Never leave the unit running unattended.
- Keep nozzle at least 50 cm (20 in.) away from contact with anything while in operation.
- The fog vapour at point of release is under pressure and is extremely hot .
- Never aim the output nozzle directly at people.
- Fog machine output is very hot. Avoid coming within 50 cm of the output nozzle during operation.
- Locate the fog machine in a well-ventilated area. Never cover the unit's vents. In order to guarantee adequate ventilation, allow a free air space of at least 20 cm around the sides and top of the unit.
- Never aim the output nozzle at open flames.

- The output nozzle becomes very hot during operation (300 degrees C). Keep flammable materials at least 50 cm away from the nozzle.
- Always allow your Antari Fog Machine to cool down before attempting to clean or service it.

### ***Danger of explosion***

- Never add flammable liquids of any kind (oil, gas, perfume) to the fog liquid.
- Use only the high-quality, water-based fog liquid that your Antari dealer recommends. Other fog liquids may cause poor effect fog, clogging and “spitting” of unevaporated liquid.
- Always make sure there is sufficient liquid in the fog liquid tank. Operating this unit without liquid will cause damage to the pump and the heater.
- If your Antari Fog Machine fails to work properly, discontinue use immediately. Drain all fog liquid from the tank, pack the unit securely (preferably in the original packing material), and return it to your Antari dealer for service.
- Always drain tank before shipping or otherwise transporting this unit.
- Never drink fog liquid. If it is ingested, call a doctor immediately. If fog liquid comes in contact with skin or eyes, rinse thoroughly with water.

## **Unpacking & Inspection**

Open the shipping carton and check that all equipment necessary to operate the system has arrived intact. In addition to the F-80Z, you should receive the following items:

1. FCW-80Z wired remote
2. Hanging bracket
3. 800 ml (1 quart) Liquid tank.

- Before beginning initial setup of your Antari 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 Antari dealer for assistance.

## **Setup**

- Remove all packing materials from the fog machine. Check that all foam and plastic padding is removed, especially in the nozzle area.
- Fill with Antari Fog Liquid or other high-quality water-based fog fluid. Any other types of fluid can damage the unit. When filled, place cap back on liquid tank.
- Firmly attach the remote control cable to the proper input on the rear of the machine.

## **Operation**

- Plug power cord into a grounded electrical outlet. If necessary, turn power switch on rear of unit to “ON” position. Warm-up is complete when green lamp lights up on remote unit.
- To emit fog, press the button on the remote and hold for the desired length of time.
- The remote unit’s lamp will cycle on and off as the machine re-heats to the proper operating temperature.
- For further information on operating your Antari Fog Machine, see the section titled, “Remote Control Operation”.

## **Installation**

The F-80Z fog machine includes a mounting bracket designed for overhead installation. This bracket allows the unit to be hung from lighting equipment trussing or other suitable supports.

The unit can also be operated at floor level or sitting on any regular surface as well.

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. Therefore, do not point the nozzle in a direction that will aim directly at a person.

Whatever installation method you choose, do not allow the unit to have more than a 15 degree angle of inclination.

### **Remote Control Operation**

- FCW-80: 3 meter wire remote controller with three-prong plug for Antari Fog Machine model F-80. Operates in a similar fashion to the FC-1.
- FC-4: 10 meter wired remote controller can operate the F-80Z. The dials allow the operator to customize fog machine functions by adjusting output duration and interval. Press the yellow TIMER button to activate the timer function.
- Adjust the interval between each fog emission (within the range of 10 seconds to 5 minutes) by means of the INTERVAL control dial. Adjust the duration of each fog emission (within the range of 1 to 10 seconds) by means of the DURATION control dial. When pressed, the green MANUAL button overrides all other function controls, and activates maximum output. Press the red CONTINUOUS button for continuous output.
- FC-5: The wireless remote controller for the F-80Z is the FC-5. Remote operation of on/off function is possible up to a distance of 50 meters.

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

### **Maintenance**

Do not allow the fog liquid to become contaminated. Always replace the caps on the fog liquid container and the fog machine liquid tank immediately after filling. After every 40 hours of continuous operation, it is 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. When cleaning, use only a clean, lint-free cloth. An effective cleaning regimen is as follows:

1. While unit is unplugged and cool, unscrew nozzle at very front of 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 machine. Add cleaning solution to tank. Plug unit in and begin warm up.
3. Run unit in a well-ventilated area until tank is empty.
4. Replace nozzle and refill with liquid.

### **Important**

Always monitor tank fluid level as you are fogging. Running a fog machine with no fluid can permanently damage the unit. If you experience low output, pump noise or no output at all, unplug immediately. Check fluid level, the external fuse, remote connection, and power from the wall. 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 Antari dealer.

### **Performance Notes**

- All fog machines develop condensation around the output nozzle. Because this may result in some moisture accumulation on the surface below the output nozzle, consider this condensation when installing your unit.
- Fog machines may sputter small amounts of fog occasionally during operation and for a minute or so after being turned off.
- All fog machines have a recycling period after bursts of fog when the machine will shut itself down for a short period in order to heat back up. During this time no fog can be produced.
- Only for liquids with certified suitability.

### **Save these instructions**