



# ***DST Fog Machine*** **USERS MANUAL**

**!!DANGER!!**  
**READ BEFORE USE**

**PLEASE KEEP THESE INSTRUCTION / GIVE  
THEM TO THE END USER**



**CE**



# 1. Getting started

The following points are **VERY** important for safety as well as for the smooth installation of the unit

## Danger Of Electric Shock

- ✓ Keep unit & remote dry. If installed in a pool area, ensure ALL safety and distance regulations are met. Not designed for outdoor use. **Use RCD protection.**
- ✓ If the unit is supplied without a fitted plug, it is important to ground the yellow/green conductor in order to meet regulations for safety.
- ✓ If electrical work is required for installation, qualified personnel must only do this.
- ✓ **Unplug before filling tank with fog fluid.**
- ✓ Ensure that no liquid or other objects can enter the unit. Disconnect the unit immediately from the mains supply should this happen.
- ✓ Keep the unit upright

## Danger Of Burns

- ✓ Install out of reach of children. For Adult use only. Never leave unit running unattended.
- ✓ Keep nozzle at least 50cm away from contact with anything while in operation. The fog vapour at point of release is under pressure and is **extremely hot (300 degrees C!)**. Never aim nozzle at people or open flames. Avoid anything / anyone coming within 50cm of the output nozzle during operation.
- ✓ Operate in adequate ventilation. Allow a free air space of at least 20cm around the top and sides of the unit
- ✓ Allow unit to cool before any service is done.
- ✓ Nozzle can drip hot fluid – never install above where people could be situated underneath without a drip catcher.

## Danger Of Explosion

- ✓ Never add flammable liquids to the fog fluid.
- ✓ Use only Sensory Co approved fog fluid.
- ✓ **Ensure there is sufficient liquid in the tank.**  
**Operating without liquid, damages pump and heater and VOIDS WARRANTY!**

- ✓ **NEVER DRINK FOG FLUID.** If ingested, call a doctor immediately. If fluid gets on skin or in eyes, rinse thoroughly with water.

## 2-Main features

- Unit and Remote Voltage: AC 230V 50Hz
- Heater: 700W
- Fuse: 3.15A
- Warm Up Time: 4 Minutes
- Output: 2500 cuft/min
- Weight: 4.5kg
- The remote unit is DST (Patent Pending) compatible.

## 3-Setup

- Plug DST external controller into rear of fog machine. **KEEP EXTERNAL CONTROLLER WELL AWAY FROM FOG MACHINE / NOZZLE.**
- Plug power cord into a grounded electrical outlet (RCD protection recommended). If necessary, turn power switch on rear of unit to on position.
- To emit fog, allow unit to heat up. Press and hold Red DST water switch.
- The unit heats, and then reheats when it drops below a predetermined temperature. For safety reasons, the unit will not operate whilst reheating or initially heating.

# 4-Installation

- The fog machine includes a mounting bracket designed for overhead installation. This bracket allows the unit to be hung from trussing or other structurally sound surfaces.
- Do not allow the unit to have more than a 15-degree angle of inclination.
- Install the external controller well away from the fog machine. Allow plenty of space around the wire antenna.
- **Use RCD protection and a method of isolation from mains when not in use (i.e. Master Isolator / Switch).**

# 5-Maintenance

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

Do not allow the fluid to become contaminated. Always replace the caps on the fog machine liquid container and filling tank

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 routine is as follows:

While unit is unplugged and cool, unscrew nozzle at front of unit and clean out debris with vinegar and pipe cleaner, making sure the hole is free of clogs.

Empty all fluid from machine. Add cleaning solution to tank. Plug unit in and begin to warm up.

Run unit in well ventilated area until tank is empty.

Replace nozzle and refill with liquid

# 6-IMPORTANT

**Always monitor tank fluid level during use. Running a fog machine with no fluid can cause permanent damage to the unit.**

**If you experience low output, pump noise or no output at all, unplug immediately. Check fluid level, the external fuse, external remote connection and power outlet.**

**If you are unable to determine the problem, return unit to a local Sensory Company authorised service centre, to avoid hazard / damage.**

## 7-Performance Notes

*All fog machines develop condensation around the output nozzle. This may result in moisture accumulation on the surface below the output. Consider this condensation when installing the unit.*

*Fog machines may splutter small amounts of fog occasionally during operation and for a few minutes after they are turned off.*

*All fog machines have a recycling period after bursts of fog / when no fog is produced for some time, when the unit will shut itself down for a short period in order to heat back up. During this time, no fog can be produced.*

Manufactured in EC

The Sensory Company®

PO Box 44, Douglas IM99 3NJ, Isle of Man, UK

Tel: +44 (0) 845 838 22 33

Fax: +44 (0) 845 838 22 34

[www.thesensorycompany.co.uk](http://www.thesensorycompany.co.uk)

©1997 – 2007 - All rights reserved

04/07