

EFX (Entertainment FX)

Low Level Fog Machine Twin Tube DMX. (EFF726)



This high-powered continuous output machine produces a low lying fog which flows over the floor. The clever use of standard smoke fluid and combination of distilled water produces the low lying smoke effects using Ultrasonic technology.

The unit comes with two output nozzles on adjustable ducting and is supplied with a Flightcase and can be controlled via DMX

Specifications:

- Input Voltage: AC110/240V, 50/60Hz
- Power consumption: 3000W 10amp
- Display: LCD display
- DMX Channels: 1CH
- Operation modes: DMX512, Wireless control
- Pre-heating time: 1 minute
- Oil Tank capacity: 2 Litre
- Fog output: 40,000cuft/min
- Water level and fluid level indicate
- Housing: stainless steel in black colour, come with flight case
- Only use distilled water to cool the fog
- Ultrasonic cool mist system
- Dimensions: 780mm (L) x 580mm (W) x 380mm (H) (Flightcase)
- Weight: 44Kg

Safety Instructions:

Please keep this user guide safe and ensure you carry out the instructions to ensure your machine operates correctly.

- Unpack and check there has been no transportation damage before using the machine.
- The machine is housed in a flightcase and must remain in this case for operation.
- Before operating check that the voltage and frequency of the power supply is matching the machine (240volt/50Hz).
- The unit must be clear of any obstruction ensuring at least 50cm space around the perimeter of the unit.
- Ensure no flammable materials are within 1metre of the machine when in operation.
- Whilst in operation the machine will leave a water residue, please ensure the machine is installed where the water residue left by the ultrasonic process is not a problem.
- The unit is for indoor use only.
- Maximum ambient temperature for operation is 40°C
- The machine will produce heat and it is advised not to touch the front housings of the machine when in operation.
- Ensure the machine is cleaned after 40 hours use.

Smoke Fluids

The Low level machine uses Ultrasonic agitation technology which converts water into a mist and mixes this with a traditional low level smoke fluid to create an amazing low level fog.

The machine has two fluid tanks the first is located at the rear of the machine and is accessed via the rear door. This is a 2 litre capacity bottle which is secured with two thumb screws. We recommend using a **JEM B2 Low Smoke Fluid** for best results.

The second tank which is accessed from the top of the machine and must be filled with **Distilled Water**.

NOTE:

It is very important to obtain the best from your machine to use the recommended fluids, using other manufactured fluids or non-distilled water will invalidate the warranty of your machine.

The heavy smoke liquid is composed of non-toxic water and is designed for the water smoke machine. Please note that the use of a liquid other than the one supplied may cause obstruction of the tube or malfunction

Care of the machine:

Keep your machine serviced and regularly cleaned to help reduce the cost of repair and spare parts.

When transporting the machine, it is recommended to empty the fluid tanks to avoid accidental spillage. An outlet key is located under the machine.

It is recommended that the machine is cleaned after 40 hours use, we suggest a mix of 80% distilled water and 20% vinegar should be used to clean the Ionisation chamber (Water tank). Then remove the heavy smoke fluid and repeat the cleaning steps, connect the power supply and warm up the machine continue pumping the machine until the cleaning product runs out. Use a dry cloth to wipe down and clean the machine.

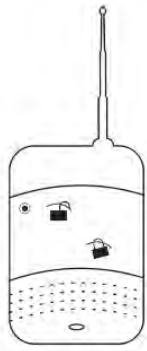
If the wrong liquids are used (for operation or for cleaning) then the machine will become blocked, and you can damage the Pump.

All the smoke machines have a condensation function. Before setting the machine, check the machine, check whether the spray nozzle condenses the water vapor or humidifies it. This can be adjusted by changing the Fluid flow and Pump speed.

Control System.

The machine is supplied with a separate wireless remote, this will allow the user to switch on or off the machine manually.

The machine can be controlled manually from the panel located on the rear of the panel or can be controlled via DMX.



The Control Panel:

A LED display screen will show the various functions and the keys are as follows:-

MENU – This allows the user to access several different settings for the machine: -

- | | |
|------------------|--|
| A-001-511 | This sets the DMX channel from 0-512 |
| F- 0-100 | Switches on or off the Fan (not adjustable) |
| P- 0-100 | Switches on or off the Pump (not adjustable) |
| d- 0-200 | This adjusts the duration of the machine operating 0-200 |
| I – 0-999 | This adjusts the time between the operation of the machine 0-999 |

4.

UP - This allows the user to increase the values of the selected function.

DOWN – This allows the user to decrease the values of the selected function.

ENTER – This key is pressed to store the selected program.

DMX Control:-

Input for the DMX operation is via either 3pin XLR located on the rear of the unit.

The unit operates on one channels of DMX as follows:-

Channel 1: Operation on or off of the machine

Instructions for use:-

Ensure the machine is laid flat.

Open the top of the machine and fill the water tank (15 litres) with distilled water

Fill the heavy fog container located in the lid of the machine with heavy fog fluid.

Connect the power cable to the mains and the machine will immediately start to heat.

Check the LED screen this should say “**Up**”, once this instruction changes to “- - -” then the machine is ready to operate. Press the red button and spray the smoke. Keep spraying for as long as required.

Always check the level of the fog liquid and water level. If the machine runs without liquid, it could be damaged.

NOTE:

If there is less smoke and more noise in the pump, or if the smoke cannot be sprayed, turn off the power immediately, check the quantity of liquid, the fuse, the remote control and the power cable. If the problem persists, contact your supplier

SAFETY & PRECAUTIONS

- Prevent the smoke from evaporating directly on the body and keep the machine away from flammable products.
- Do not cover the machine with anything when in operation
- In general, the machine cannot be suspended. If you need to hang it, fix it securely with brackets attached to the machine
- Do not add any flammable liquid in the oil tank such as oil, gas or perfume
- The machine will produce water whilst in operation and this will appear on the surface the smoke covers. Care should be taken if personnel are using the floor or surfaces to avoid slipping.
- The machine consumes 3000watts of electrical power and should be operated on a separate power supply from other products.
- Always empty the machine of liquids after use and thoroughly dry the distilled water chamber.

This product is from the **EFX** range of products which is imported and distributed by



Beckery Road, Glastonbury, Somerset, BA6 9NX

Tel: 01458.833186 Website: www.batmink.co.uk E-mail: info@batmink.co.uk