



Technical Datasheet

Low Smoke Generator

Specifications:

Height: 84cm

Length: 142cm

Width: 61cm

Weight: 98kg

Packaging type:
Flightcase

Voltage: 240v

Peak amps drawn: 12A

Watts: 2.6kW

Power connector: 16A
Ceeform

Suggested for set up:
1 person

Duration of effect:
Dependent on fluid and
CO2 supply. Freeze unit
consumes approx. 3.5
kilos of liquid CO2 per
minute.

Additional information:
BOC 'LB' CO2 cylinder
required

If controlling the unit
locally (i.e no DMX) the
fan must be set at 99

The LSG (Low Smoke Generator) is a professional smoke machine that emits variable amounts of chilled, white low-hanging smoke.

How to set up and use an LSG

1. Remove the rear lid from the flightcase. The smoke machine and freeze unit are built into the lower section of the flightcase and are not to be removed (Fig 1).
2. Ensure the Viper smoke machine output is lined up directly with the intake of the freeze box unit.
3. Connect the supplied powercon cable from the socket on the rear panel of the smoke machine to the white/grey socket on the freeze box unit (Fig 2). Do not use the blue socket on the freeze box.
4. Ensure the fluid line from the smoke machine is properly connected to the fluid bottle (Fig 3).
5. Connect a CO2 cylinder to the freeze unit using the supplied CO2 hose. Ensure the cylinder is strapped to a secure structure.
6. Open the front hatch. If required attach an output hose (supplied separately) around the output hole of the freeze unit.
7. Connect the unit to a 16A power supply and turn on the power.
8. Power on the unit by pressing the left-hand Menu button (three rectangles - Fig 5). Press the same button again until 'P' (pump) mode is selected.
9. Set desired output by adjust the 'P' level up or down between 0-99 (0 = lowest, 99 = highest) using the two middle buttons (Fig 5).
10. Wait up to 10mins for machine to heat up to operating temperature. The 'Ready' light will glow when the machine is ready to use.
11. Turn on the CO2 supply.
12. Begin output by pressing the right-hand button (enter button).



Fig 1. Low Smoke Generator



Fig 2. Freeze unit connections



Fig 3. Fluid line



Fig 4. Output hose



Fig 5. Control panel