

DEMA Drumtop Fogjets are designed to facilitate the control of air bourn flora and micro-organisms using dilute disinfectant and compressed air as the basic components of activity to create a supersaturated atmospheric condition.

The dilute disinfectant is supplied by others in a suitable vessel, such as a clean 25 litre nominal capacity polyethylene chemical drum.

Saturating the atmosphere within an enclosed space will be subject to hygrometric relationships involving:

- Volume of the enclosed space
- Ambient Temperature
- Relative Humidity
- Air Change within the space during the process

The DEMA Drumtop Fogjets are equipped with a nozzle that produces a Venturi effect when compressed air is passed through the internal geometry.

The venturi effect causes the induction of the liquid from the vessel into the nozzle to produce a discharge of micronized solution that will supersaturate the ambient air in an enclosed space.

It is required that the vessel shall be open to the atmosphere at all times during operations to avoid a vacuum forming within the vessel.

**Available:**

Product Code:	Spear Length:
106-1010D	420mm

**General:**

Air Supply Pressure	2 - 6 Bar
Optimum Pressure	4 Bar
Air Volume Requirement	75 - 100 L / Minute
Liquid Consumption	150g / Minute
Suggested Treated Volume	200 - 400 m <sup>3</sup>

