CHESS Fogjet Trollies 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.

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
- Duration of the process

The CHESS Fogjet Trolley is equipped with a 25 Litre nominal capacity storage vessel, fitted with nozzles that produce a Venturi effect when compressed air is passed through their 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.

General:

Air Supply Pressure	2 - 6 Bar
Optimum Pressure	4 Bar
Air Volume Requirement	225 - 300 L / Minute
Liquid Consumption	450g / Minute
Suggested Treated Volume	600 - 1,200 m^3