

a giant step  
in aerial  
disinfection.

**TRS**  
COMPACT

- Airborne disinfection
- Pneumatic Fogger





3 Nozzle Operation Mode



2 Nozzle Operation Mode

### **TRS Compact**

- Airborne disinfection with PNEUMATIC FOGGER
- TRS Compact uses compressed air 70 CFM @ 87 PSI.
- It atomizes the solution into ultra-fine, "dry" fog particles in three directions.

### **Key Features**

- Atomizes chemical solutions using compressed air.
- Projects fine, "dry" fog particles at distances up to 25' in 2 opposite directions.
- Compatible with (H<sub>2</sub>O<sub>2</sub> + silver),(H<sub>2</sub>O<sub>2</sub> + peracetic acid) based disinfectant formulations.
- Effective dispersion & penetration into all inaccessible areas.
- Robust construction, mobile system can be used in multiple locations.
- Sanitary construction using stainless steel 316 for piping, nozzles, air and liquid contact parts.
- Precision metering tips for dry fog quality variation.
- Venturi action draws pre-diluted chemicals and disinfectants.
- Variable height adjustment to sanitize areas with different height.

## TRS Compact Nozzle Operation:

- Required Air pressure @ FRL on TRS Compact -6 Bar (87 PSI) & 70 CFM
  - Application Dosage– 200ml/1000 cuft (7ml/m<sup>3</sup>)
  - Quality of Fog: Dry & Non wetting, uniform in all direction in all three option.
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### Option: I – Single Nozzle Operation

Required Air Pressure @ FRL during operation – 5.25 Bar  
Volume coverage: up to 5000 cuft  
Disinfectant Treatment Duration for 5000cuft (140 m3)  
Space: - Approx 14 minutes.

### Option-II – Dual Nozzle Operation

Required Air Pressure @ FRL during operation – 4.25 Bar  
Volume Coverage : up to 10000 cuft  
Disinfectant Treatment Duration for 8000cuft (227 m3 )  
Space :- Approx 25 minutes.

### Option –III - 3 Nozzle Operation

Required Air Pressure @ FRL during operation : 3.5 Bar  
Volume Coverage: up to 15000 cuft  
Disinfectant Treatment Duration for 15000cuft  
(425 m3 ) Space :- Approx 18 minutes.



**Technical Specification:**

- Three nozzle simultaneous operation.
- Requires 70CFM of compressed air @ 87PSI (6 bar)
- Operates without electric supply. (Manual Operation)
  - Room Treatment capacity: **Upto 15000 cuft**
- Disinfectant consumption: 200-400 ml per
- 1000cuft of space depending upon quality of fog treatment selected.
  
- Stainless steel grade 316 Tank: Capacity 9 or 22 liters.

**OR**

- Engineering plastic tank capacity -12 Liters

- All stainless steel 304, 4 - wheel trolley for portability.
- Tubing: Silicon, medical grade.
- Required air supply line connection -1/2".
- Dimensions: 350 L X 500 W X 1200 H (mm)
- Empty weight: 29 kg (with 22 liter SS tank)  
28 kg (with 9 liter SS tank)

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