

Disinfection & Sanitization Equipment



EQUIPMENTS FOR
MINI & LARGE FOOD
FACTORIES

Professional Disinfection, Sanitizing Tunnel



SS Engineers and Consultants offer a wide range of tunnels for sanitizing / disinfection. Especially used previous entrance to the cleanroom or high-risk areas, these disinfection tunnels can be adapted at places where the air infection levels are very high.

The innovative system has many advantages, highlighting the drastic reduction in the consumption of water and disinfectant, up to 15 times compared to a traditional spray disinfection system.

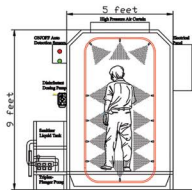
Moreover, misting guarantees a uniform distribution of the disinfectant / sanitizing agent across the inner surface of the tunnel for the person to be treated in the high-risk zone.

This sanitizing tunnel can be used with any disinfectant or sanitizer approved, either pure or dissolved in water, types of alcohol, and would also work with ozone water, electrolyzed water, etc.

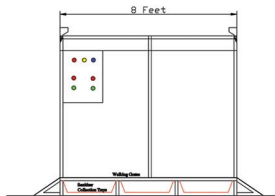
To further reduce the consumption, SS Engineers and Consultants disinfection modules incorporate an automatic start system when they detect the subject walking in and automatic shutdown after a programmable time once the person is out.

Keep your loved ones safe COVID-19

Viruses and bacteria can contaminate the air and linger on surfaces for many days – Hand sanitizers; hand washing will only reduce partial risk and provide only temporary protection. At **SS Engineers** we offer Tunnel Disinfection System to provide complete body protection (long term protection) from infections and viruses.



SIDE VIEW



FRONT VIEW

Design Features:

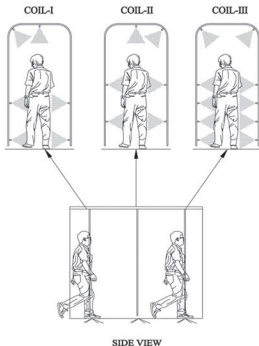
- Stand-alone packaged design
- All above-ground installation
- No construction or permits required
- Rapid and simple setup or removal for relocation
- Requires only water and power for operation
- Automatically mixes disinfectant
- Disinfectant application takes less than 1 minute



Working Pressure	70 Kg/cm ² (1000 p.s.i.)
Nozzle Orifice / Quantity	0.15 mm / 24~97 pcs
Suction Volume	2.2~5.4 L/Min. (0.58~1.42 GPM)
Revolution	710~1750 r.p.m.
Motor	1.5 HP, 220/230V, 60/50Hz, Φ1

Advantage:

- Pump overflow is automatically sent back to the tank to conserve water.
- 1000 psi operating pressure for optimal misting effect using the narrowest orifice nozzles.
- Nickel-plated forged brass manifold resists rust and corrosion.
- Patented internal rinse cooling design to increase pump life.
- Automatic pressure valve controls the consistency of the pump pressure.
- Circuit breaker for electrical safety if the voltage is outside of the safety parameter.
- Dual assembly with settings for minutes and seconds to set the misting intervals.



FAQ

What is it?

A tunnel or gateway for the sanitization and decontamination of items and people when combined with appropriately atomized biocides and/or virucide spray.

What is it used for?

Sanitary and decontamination Tunnels and Gates represent safe protection and entry for everyone, in particular for those who work in close contact with groups and are therefore at higher risk. It can be installed at the entrance of public offices, pharmacies, supermarkets, airports, hospitals, ports, stations. It is suitable for all private companies who need to sanitize the workforce, goods and materials.

How it Works?

The tunnel creates an obligatory passage and is equipped with, internal arc-shaped atomizing nozzles that saturate the environment but preventing dispersions. The nebulisation system is connected to a control system capable of automatically mixing the sanitizing product at percentages indicated by the manufacturer. Access to the tunnel is regulated by a signal light with motion detection.

Technical Features?

Fast assembly, Foundation-free, Space saving as they are retractable, Suitable for permanent or temporary installation.

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