



Hycanx Disinfectant Tunnel with Fogging System offers a fast and economical solution for human disinfection in public areas such as workplaces, factories, supermarkets, restaurants, shopping malls and institutions. When a person enters the sanitizing tunnel, the fogging system is automatically activated by sensor detection. With fogging method, the disinfectant liquid coming from the nozzles turns into a fog cloud and it reaches all microorganisms all over the body where the fog touches, and neutralizes the virus and bacteria without making wetness on the individual.

- The system is lightweight, easy to install and ergonomically designed.
- Maximum hygiene is ensured by disinfecting the entire body surface in public places where disinfection is required before entrance.
- Provides effective solution to fight the pandemic, and prevents contagion of diseases that are spread by airborne transmission.

#### What is the main purpose of Disinfectant Tunnel Use?

- **Ensure fast and thorough disinfection of people entering public areas and places**
- **Ensure immediate disinfection of bacteria and virus such as Covid-19 from clothes, hair, skin, and shoes.**

#### How Does the Disinfection Tunnel Work?

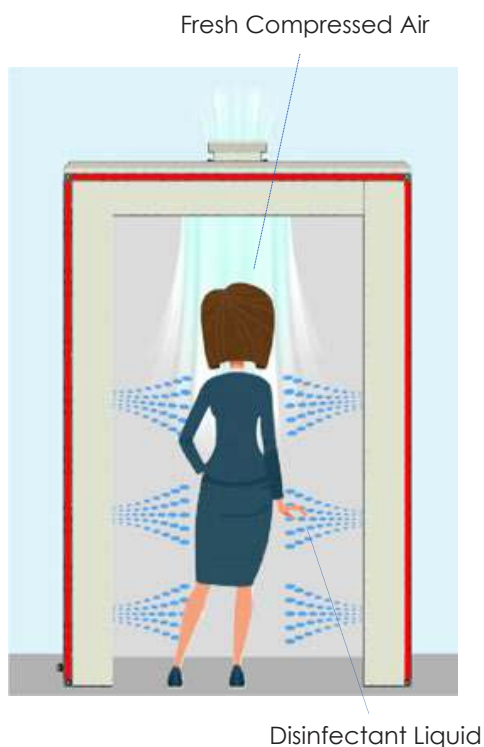
- The ULV (Ultra Low Volume) System works by using very little but equally effective disinfectant by using aerosol fog technology created with an extremely high-tech spraying technique. While combating airborne pathogens and disinfecting large number of individuals, fogging method is an ideal solution.
- Ultra-low volume (ULV) disinfection fogging involves using a fogging system to generate a cloud of extremely small droplets of the disinfectant liquid. The application of disinfectants using this method can significantly reduce the number of pathogens both on surfaces and in the air. Fogging with ULV is recommended for human disinfection as rapid ULV fogging helps to quickly break the chain of infection.
- Full coverage is created within the tunnel by spraying disinfectants from 8 nozzles.
- 5 seconds (2.5 steps) are enough for people to stay in this disinfection area to be homogeneously coated with disinfection solution. Due to the ULV technique, it creates a wide moistening that dries immediately without getting wet.
- 1.6 ml consumption per person in one pass.

## Product and System Features

- Through its disassembled and ergonomic design, it can be delivered in multiple quantities in one shipment.
- Tunnel is delivered ready-to-use (installed).
- The system consists of tunnel, control terminal and disinfection tank.
- The tank in the system has a capacity of 20 lt.
- It starts operating immediately by attaching the tank connection clip and providing energy supply.
- Top Fresh Air Diffuser technology is exclusive to this product, and makes it unique in the market.

## Features of the Disinfection Tunnel

- Capacity: 60-70 people can pass with 1 lt disinfectant
- Motion Sensor
- Lighting System
- Aluminum extruded profile chassis, plexi panels
- 8 nozzles 0.10 - 0.15 mm, 303 stainless steel



**Hycanx Disinfectant Tunnel's most important product feature that differentiates it from its competitors' is its Top Fresh Air Diffuser. When a person enters the tunnel, the air diffuser is activated and distributes 100 m<sup>3</sup>/h fresh air from the top. As the fresh air is deflected from top, the disinfectant fog is pushed down below the passing person's head and shoulders, and maximum health precautions are taken as the risk of disinfectant's contact with face and eyes is automatically eliminated.**

### Top Fresh Air Diffuser

Hycanx Disinfection Tunnel has a top fresh air diffuser that provides approximately 100 m<sup>3</sup>/h fresh air into the tunnel and helps to distribute the disinfectant liquid in a way not to pass over an individual's shoulder. With this fresh airflow system, the risk of disinfectant's contact with face and eyes is automatically eliminated.

## Standard Tunnel



Touchless  
Automatic Hand  
Sanitizer (5 lt)

Automatic  
Fogging System  
0,10mm Nozzle  
0,15mm Nozzle

Pump (20 bar)  
and Disinfectant  
Tank (20 lt)

Infrared  
Thermometer

### Automatic Fogging System

Automatic Fogging System offers a fast and economical solution for human disinfection in public areas such as workplaces, factories, supermarkets, restaurants, shopping malls and institutions. When a person enters the disinfectant/sanitizing tunnel, the fogging system is automatically activated by sensor detection. With fogging method, the disinfectant liquid coming from the nozzles turns into a fog cloud and it reaches all microorganisms all over the body where the fog touches, and neutralizes the virus and bacteria without making wetness on the individual.

The movements of the passing person are detected with motion sensors, therefore, only the required nozzles will be activated to prevent the disinfection liquid waste.

## Infrared thermometer

Infrared thermometer on the tunnel is a compact, touchless thermometer, specifically designed to safely test the body temperature. Due to its non-contact nature, the infrared thermometer technology is the most reliable and accurate body temperature test capability during the pandemic as there is no need for manual human interference. When someone reaches you with a hand-held thermometer, there is still a risk of contact with that person. On the other hand, Hycanx touchless and infrared technologies eliminate any risk of contact during regular temperature tests in public areas. Hycanx infrared thermometer detects body temperature from either the forehead or the wrist, and it gives temperature readings with a +/- 0.2 accuracy rate. The device has an automated audible warning system for symptoms of fever to prevent the risk of any contagion. These infrared thermometers are suitable for indoor and outdoor use/ applications.

## Features and Benefits of the Infrared Thermometer Product

- Touchless temperature check with Infrared thermometer technology
- Temperature readings with accuracy of +/- 0.2 degrees
- No need for manual human interference
- Audible signal for high temperature and fever to prevent the risk of contagion

## Touchless Automatic Hand Sanitizer (5lt)

- Touchless Disinfection,
- Easy installation and use,
- No waste of disinfectant,
- Adjustable spray nozzle,
- Rechargeable battery,

\* Disinfectant is not included.

## Automatic Hand Sanitizer Features

- High capacity (5 lt)
- Long lasting battery life
- 304 Chrome Steel
- Suitable for indoor and outdoor use,
- Suitable for commercial, residential, industrial use

## Optional Product Features that can be added to the standard Hycanx Disinfectant Tunnel

1. Infrared Thermometer with Face Recognition and Face Mask Check
2. SMS notification/alert technology over Automatic Hand Sanitizer