

## Human Disinfection / Sanitizing Decontamination Misting Shower Tunnel



Our new ISTE<sup>®</sup>C Type BIO Human Disinfection / Sanitizing Decontamination Misting Shower which has been launched to support your COVID-19 precautions by IST Safety Ltd in May, 2020 provides an effective sanitation during removal of the PPEs in workplaces and helps to reduce bacterial and viral infection risks of human by installing in public areas such as entrance of malls, buildings, hospitals etc.

The system operates automatically by its sensors without having touched when the user enters inside the tunnel.

Decontamination continues for 10 seconds. After a 10-second operating time, the spray nozzles stop spraying and the user leaves the tunnel.

With its standard 40L, 316SS tank which filled with water and disinfectant solution mixture at a certain rate, the unit provides 100 minutes decontamination in total that means 600 users to be sanitized, based on 10 seconds sanitizing per person.

The unit's main advantage is less water consumption during decontamination thanks to its special nozzles which mists the water.

Another advantage of the unit is that its modular structure that can be customized on design with its wide range of standard and optional accessories. We offer high quality portable or fixed type systems.

All our products are guaranteed against production and workmanship defects for a period of 24 months.

## TECHNICAL DETAILS

### Standard Unit's Technical Specification

**Frame material:** Aluminium Sigma Profile

**Sde cabin panels:** Polycarbonate

**Floor:** Empty

**Water tank:** 316 stainless steel - 40L

**Pump:** 70-120 bar , 2 L/min

10 pieces spray nozzles are available in the tunnel.

Water level indicator and junction box are provided as standard in the pump room.

The dimensions of the tunnel are 100 x 100 x 210 cm. The cabin weight is 25 kgs and the weight of the water tank and pump room is 52 kgs.

## Optional Accessories

**Disinfection chemical options\*:** Alkly dimethylbenzyl ammonium chloride & Hydrogen peroxide & Colloidal silver & Chlorinated water

**Frame material options:** Aluminium Sigma & Galvanized Steel & Stainless Steel

**Floor options:** Empty & GRP grating & Carpet

**Side cabin panel options:** Polycarbonate & Galvanized and painted steel & Stainless steel & GRP

**Water tank options:** 316SS - 40L & Plastic 100L

PVC curtain option at the entrance and exit of the tunnel,

Internal lighting with proximity switch option,

Overhead white GRP sun canopy option,

Special labeling option is available on the cabin panels according to the customer's request.

***\*Chemicals are provided by the end-user. Our company does not accept responsibility for the chemicals to be used.***

A solution containing 3.2% alkly dimethylbenzyl ammonium chloride, which is used by mixing with water at a rate of 1% is especially recommended against Covid-19.

7.99% Hydrogen peroxide mixture is used by mixing with water at a rate of 1%.

Apart from above, in high-risk places, these two disinfectants are recommended by disinfectant manufacturers to be mixed by one-to-one (1/1) ratio and then mixed with water by 1%.

