

COVID CONTAINMENT PROPOSAL

PROPOSAL BACKGROUND

The entire world has been fighting the Corona Pandemic for the last 4 months and unfortunately, we have more than 1.4 million cases across the world with more 100,000 casualties. A primary reason that the Coronavirus is spreading so rapidly is its ability to transmit from one person to other through surface & body contact which has caused the second and third infection to spread so vigorously.

An important measure to contain Corona is to understand and control the level of infection spread from a healthcare point of and also from an organizational point of view. In order to contain the spread it is quintessential to keep all buildings, public places and even the people entering. Corona can survive and spread from a contaminated garment or accessory that a person may be wearing and be the cause of infection for that person and many others in his/her close proximity.

THE USE CASE

It becomes extremely critical for a decision maker for any premises to understand that their facilities need to be sanitized and also the person entering the premises should also be sanitized at the entry & exit instances in order to reduce the amount of infection which can be carries by an employee, a patient or any other person walking into the premises.

THE PRODUCT

Saltech Design Labs & team has developed a “Sanitization Chamber” by hospitals, department stores, apartment buildings or any person owning or managing a facility in order to sanitize the entrants of the premise and contain the spread of corona in their premises.



The “Sanitization Chamber” operates in the following manner:

Every entrant to the premises has to walk through the Tunnel in which the Disinfectant Mist shall be sprayed on the body and clothes so that the entire external surface of the person and the garments are sanitized thereby leaving no traces of the virus to infect the person or anyone else.

PRODUCT SPECIFICATIONS

Name	Chemical and Corrosion Resistance Aluminium Metal Structure Sanitizing Chamber
Nozzle Type	Export Quality Full Cone Fog Nozzle with all around covering person.
Nozzle Numbers	Eight nozzle with time adjustable.
Features	Automatic person detection and duration adjustable spray.
	Chemical and Corrosion Resistance Aluminium Metal Structure Sanitizing Chamber.
	Easy Transportable and Foldable and Disassemble Product.
	Automatic person detection system.
	High Quality Ultrasonic sensor with six sigma approved quality.
	Low operating Cost.
	High Efficient and low power consumption Pump System.

THE UTILITY

The Sanitization Chambers are critical to control the spread of corona in your premises in the following ways:

- It ensures each and every person walking through the tunnel is completely sanitized thereby
- reducing the risk and spread of infection for that person and all other people in that premises.
- The disinfectant used in the chambers is Completely Safe and has no harm to human health.
- The chambers ensure safe and healthy environment for your office, shop, apartment complex, hospital or establishment.