



# ANTI-VIRUS SANITIZING TUNNEL

PREVENT FURTHER  
SPREAD OF COVID-19





# AKKA METALLIC INDUSTRIES L.L.C.

## CONTRIBUTES TO FIGHT COVID-19

In an attempt to contain the spread of the deadly corona virus, AKKA METALLIC INDUSTRIES in Sharjah , U.A.E designed and manufactured an anti-virus disinfected tunnel which adds value to our government efforts to prevent further outspread of COVID-19.

These tunnels will only supplement existing measures like washing hands, wearing masks and maintaining physical distance in preventing the future spread of corona virus.





# PLACES OF APPLICATION

## PROTECTION OF PUBLIC PLACES WITH HUGE POINTS OF CROWDING

Disinfected tunnel, is basically a small covered corridor it will be installed at main entrance of malls, supermarkets, vegetable/meat markets, offices, police station, schools, banks, ministries, airports, mosques, accommodation, hotels, labor camps, site offices, construction area entrances and other public places with huge points of crowding.



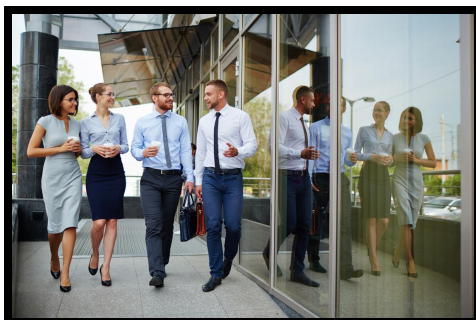
**Shopping Malls**



**Supermarkets**



**Banks**



**Office Buildings**



**Schools**



**Police Stations**



# CONSTRUCTION

## SANITIZING TUNNEL COMPONENTS

Sanitizing tunnels are made from a steel structure with different sized and shapes to meet client's requirements. In the entrance of the tunnel , a motion detecting sensor is installed to operate the system automatically.

It has spraying nozzles fixed on the walls and on the ceiling of the tunnel to ensure spraying the full body. A control panel is provided to control spraying and duration of spray.

A tray is provided on the ground to collect the waste liquid and the drain away from the tunnel. An anti slip mat is installed into the tray to prevent slippage.

A sanitizing movable tank of a size of 30 liters is provided with a stand which can be increased according to the place of application .



# AUTOMATIC OPERATION AND SAFETY

## HOW IT WORKS

Motion detecting sensor installed at the top of the entrance of the tunnel detects people movement and starts automatically the system.

The nozzles installed on the walls of tunnel will spray a low concentration mixture in the form of fog containing chemical sanitizing solutions on people who enter the tunnel.

Duration of spraying between 3-5 seconds. The chemicals used are safe and do not affect skin , eyes or cloths.



# ADVANTAGES OF OUR SANITIZING TUNNEL

## FEATURES AND SPECIFICATIONS

- Heavy duty structure to withstand environmental conditions, wind and temperature.
- Easy Installation can be provided with wheels for easy movement.
- Our tunnels are available in different sizes and shapes as per table 1. Customized tunnel size, design can be provided as per client requirements.
- Our tunnels are designed from separate panels which can be assembled within a couple of hours for easy transportation and exporting abroad.
- Main structure is made from mild steel. Cladding can be from different types of materials:
  - MS powder coated with any color.
  - Stainless steel SS304 , SS316
  - Poly-carbonate sheet.
  - Composite aluminium panels.
- Color of the tunnel can be changed according to client requirements.
- Posters can be added on the walls for public instructions and advice.



# ADVANTAGES OF OUR SANITIZING TUNNEL

## FEATURES AND SPECIFICATIONS

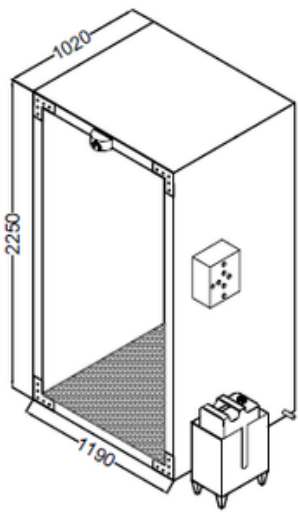
- On the ground an anti-slip mat is provided to protect from slippage.
- The waste liquid will be collected in a tray under the anti-slip mat. A drainage pipe can be used to take the waste liquid away from the tunnel and prevent accumulation of waste water around the tunnel area which may cause slip accidents. Ant-slip mat and tray is washable and easy to remove or replace.
- Customized ramps with hand reel can be added as an option.
- LED light fittings can be provided if required as an option.
- Enough spraying nozzles are provided 7 , 14 , 21 , 28 or more according to the size and length of the tunnel.
- Adjustable flow rate of the nozzles.
- Adjustable spraying sanitizing liquid time.
- Power supply requirement: 1 KW, Single phase, 220V
- Standard Tank size: 30 Liters can be used for 1000 persons entrance (may differ depending on model, No. of nozzles and sanitizing duration). Bigger tank sizes can be provided according to place of application.
- Recommended disinfectant solution used is safe for skin, eyes and cloths.



# VARIOUS SHAPES, SIZES, MATERIAL, COLORS

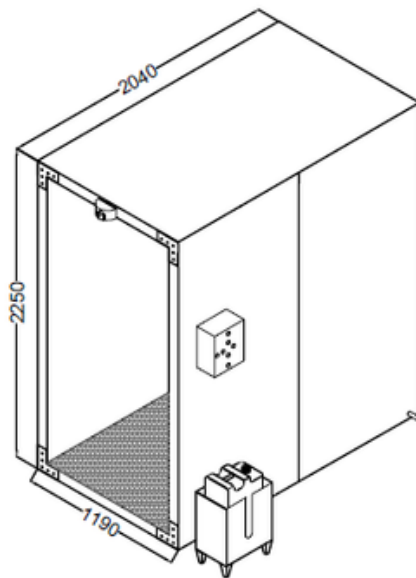
## MODELS AND SIZES

These tunnels come in various shapes, sizes, material, colors and costs and range from basic type made from GI sheet, powder coated to more bigger size which can be used to sanitize automobile.



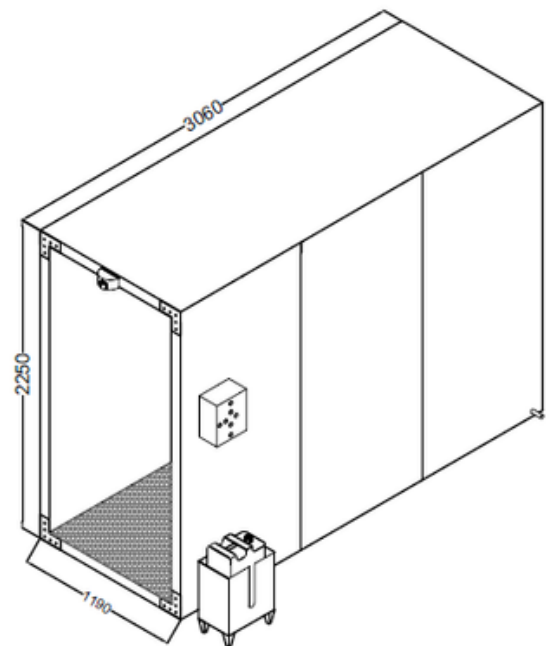
MODEL 1

SIZE 1190(W) X 2250 (H) X 1020 (D) MM



MODEL 2

SIZE 1190(W) X 2250 (H) X 2040 (D) MM



MODEL 3

SIZE 1190(W) X 2250 (H) X 3060 (D) MM





## ABOUT US

### AKKA METALLIC INDUSTRIES L.L.C.

AKKA METALLIC INDUSTRIES founded in 2003, with head quarter in Sharjah, United Arab Emirates specializes in designing, developing, manufacturing and supplying sheet metal works for different sectors.

AKKA focuses on quality and innovation to meet customer needs .High precision, flexible and modern manufacturing processes guarantee quality products and short lead times.

Having the capacity to do special manufacturing jobs in addition to our wide product range, we have gained a unique reputation in the market offering solutions for any sheet metal works to meet customer satisfaction, and build long-term partnerships and relationships.

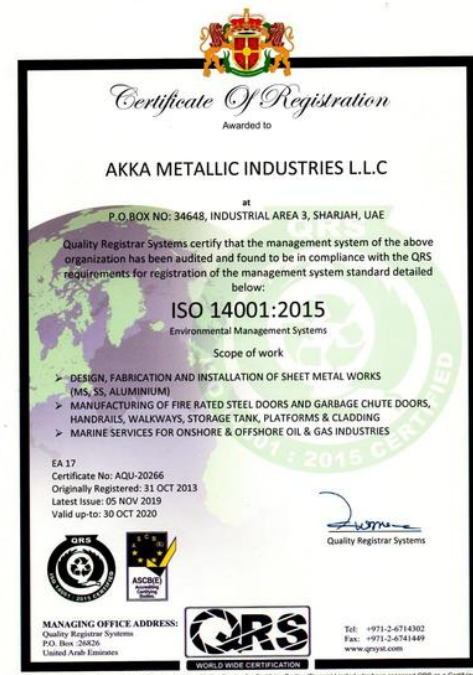




# OUR CERTIFICATIONS

## QUALITY MANAGEMENT - ISO 9001:2015

We are qualified internationally by gaining quality management system Standard ISO 9001:2015. We are adopting our original high precision inspection for our quality management system.





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