



## AIR SHOWER

It is standalone system used for removing surface particle from personnel / materials prior entering into controlled environment or leaving a contaminated area. This reduces contamination during personnel and materials movements in and out from controlled environment. This is high velocity and low pressure system . It is installed either at entrance or exists of controlled environment.

It can be integrated as a part of airlock system for protection of operator during de-gowning process. This can be used for potent application.



Model	Internal dimension (mm)			External dimension (mm)		
	W	D	H	W	D	H
ST-AS-Single Person	800	1025	2000	1700	1125	2400
ST-AS-Two Person	1200	1025	2000	2300	1125	2400

Note: Customised dimensions as per requirement



S Q U A R E T E C H N O L O G I E S

Plot No.-47,  
Krishna industrial Park  
Sanjan road,Umbergaon(396171)  
Dist-Valsad(nr.vapi), GJ

## **Features:**

- MOC: GI powder coated, SS304, SS316 and SS316L or customized execution
- Front door: Doubled wall SS doors with flush glass view panel, hinges, handles.
- SS perforated floor
- Door closure
- Air Nozzle
- Electromagnetic doors interlock
- Air pre-filter: EU-7
- Final Filter: H-14
- PAO port.
- Mechanical differential gauge across filter
- Ventilator
- LED Light
- Electrical control system with push button and indicators
- Emergency switch inside air shower

## **Optional Features:**

- Microprocessor / PLC-HMI based control system
- Flameproof execution
- Digital instrumentations for measuring differential pressure, velocity etc.
- Audio-visual alarm for malfunction of ventilator and set operating parameters
- EC ventilator
- GEL seal
- Multi doors execution

## **Performance:**

- Air Velocity: 4000 -5000 fpm
- Air Flow: Turbulent
- Light Intensity: 250-300 lux