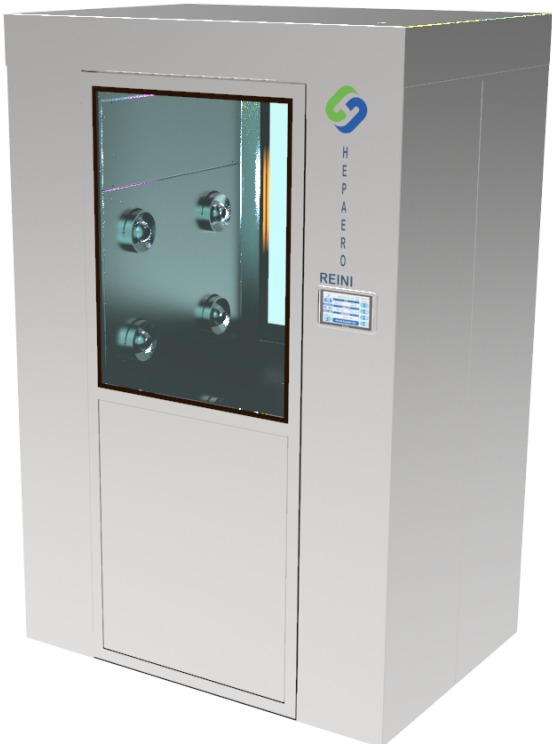


REINI -AS



Air Shower is a self-contained chamber that minimizes particulate matter from entering or exiting the clean room and other controlled environments. Personnel and materials entering or exiting the controlled environment are "scrubbed" by high-velocity HEPA- or ULPA-filtered air with the help of air jets running at 18-30 m/s (3543-5906 fpm). . This removes dust, fibrous lint, and other contaminants from personnel or object surfaces. Contaminated air is then drawn through the base within the unit, filtered and re-circulated. When properly integrated into the design of the cleanroom, air showers provide an ISO classified transition area ensuring cleanroom cleanliness is maintained.



Specifications

MOC :	GI Powder Coated / SS-304 / SS-316 / Combination
Air Cleanliness :	ISO Class 5 / Class 100 / M 3.5 AREA
Air Flow Rate	25±2 m/s
Air Shower time	0 ~ 120 seconds Adjustable
Filteraization	<ul style="list-style-type: none"><li>• Two Stage Filteraization</li><li>• Pre Filter :5 µm(micron), EU5 grade with Efficiency 95% – Washable</li><li>• HEPA Filter: 0.3 Micron, H14 Grade with Efficiency 99.999%, (SS Protective Grill for HEPA Filters)</li><li>• Differential Pressure Gauges : 01 No. (HEPAFilter)</li></ul>
Illumination	LED Light
Nozzle	360 degree adjustable air nozzles Mist Nozzles placed at appropriate points to ensure complete wetting.
Doors	<ul style="list-style-type: none"><li>• 2/3 way Double Skin Swing Door with Tempered Glass glass Window</li><li>• SS handles and hinges</li><li>• Electro Magnets Interlocking Arrangement with inbuild Sensors</li><li>• Door closer</li></ul>
Floor	Anti Skid Flooring
Drain	Integrated drain system
Design Options	<ul style="list-style-type: none"><li>• Straight Entry Straight Exit</li><li>• Straight Entry Right Exit</li><li>• Straight Entry Left Exit</li><li>• Straight Entry Right and Left Exit</li></ul>

Special Features:

- Power by Qubit Processor
- Display available in 64 bit colour touch screen/monochrome /16x2 LCD
- In-built U.V. hour meter
- Both side door open switches, Emergency override key in shower area
- Audio visual alarm for various message like door open/close,Blower Trip etc.
- Digital Differential Gauge To measure differential pressure across HEPA Filter
- Auto/manual operating system
- Blower Speed Controller To control the speed of Blower to maintain the required Air velocity
- DOP Test port

Accessories(optional):

- Infrared sensor auto sliding door
- Bio-metric, RFID Access

Sizes:

- Available in standard as well as customizable sizes