

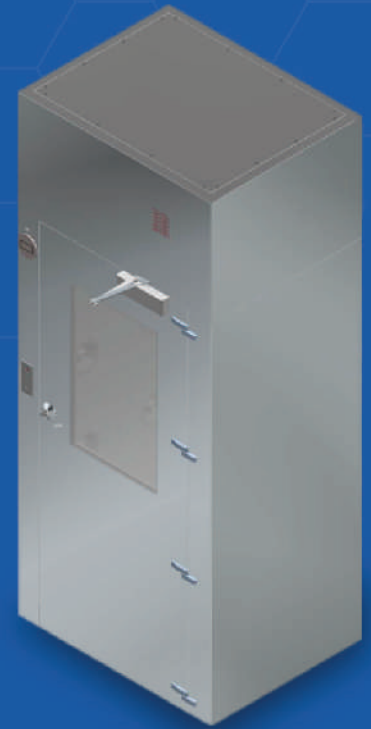
# AIR SHOWER SYSTEM

*Discover the future of cleanroom technology with our powerful Air Shower system, delivering exceptional performance and peace of mind.*



## ▶ INTRODUCTION

Brinda Pharma Technologies' Air Shower brings you to a world of excellent cleanliness and full disinfection. Before entering a cleanroom environment, our advanced Air Shower system is designed to remove surface and airborne particles from workers or equipment. The Air Shower's forceful and carefully controlled jets of filtered air enable a highly effective elimination of impurities, adding an extra layer of protection to your important processes. Experience is secure in an ultra-clean atmosphere as our Air Shower successfully removes dust, lint, and other impurities, reducing the risk of contamination. Brinda Pharma Technologies offers cutting-edge Air Shower systems that improve the cleanliness and integrity of your cleanroom operations. Discover a new level of cleanliness and reliability with our advanced Air Shower system.



## ▶ KEY FEATURES

### Efficient Decontamination

- High-velocity air jets remove particulate matter from personnel.

### Illuminated Interior

- LED lighting ensures proper visibility during decontamination.

### User-Friendly Interface

- Touchscreen control panel allows easy operation and customization.

### Interlock System

- Safety interlock prevents simultaneous entry from both sides, ensuring proper decontamination.

### Adjustable Shower Duration

- Set the air shower duration between 5 to 20 seconds for optimal cleaning.

### Emergency Stop Function

- Instantly halt the air shower operation in case of emergencies.

### Superior Air Velocity

- Pre-filter with  $\geq 99.99\%$  efficiency and HEPA filter with  $\geq 99.999\%$  efficiency (0.3 $\mu\text{m}$  particles) provide superior air purification.

### Complete Customization

- To accommodate in congested space blower can be top-mounted without compromising performance.

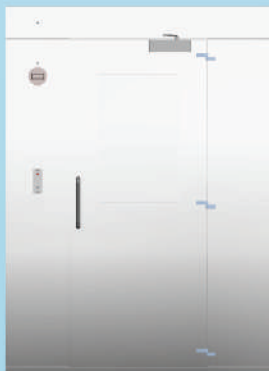
## ▶ TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION		
DIMENSIONS	Customizable as per requirement		
MATERIAL	GI Powder Coated or S.S. 304		
AIR SHOWER DURATION	Adjustable (5 - 20 seconds)		
AIR VELOCITY	≥ 25 m/s		
PRE-FILTER EFFICIENCY	90-95% (5 µm particles)		
HEPA FILTER EFFICIENCY	≥ 99.999% (0.3µm particles)		
INTERLOCKING DOORS	Yes		
CONTROL PANEL	Microprocessor Based Control System		
	HMI+PLC System		
LIGHTING	LED Illumination		
NOISE LEVEL	≤ 70 dB		
SAFETY FEATURES	Interlock System, Emergency Stop		
POWER SUPPLY	220-240 VAC 50 Hz	110-130 VAC 50/60 Hz	100-110 VAC 60Hz

## ▶ STANDARD SIZES CHART

TYPE	TYPE I			TYPE II			TYPE III	
DOOR CONFIGURATION	SINGLE LEAF DOOR			SINGLE LEAF DOOR			DOUBLE LEAF DOOR	
PERSON /CYCLE	1	2	3 to 4	1	2	3 to 4	2 to 3	4 to 5
DIMENSIONS	1260 x 1000 x 2050 mm	1260 x 2000 x 2050 mm	1260 x 3000 x 2050 mm	1530 x 1000 x 2050 mm	1530 x 2000 x 2050 mm	1530 x 3000 x 2050 mm	2330 x 2000 x 2050 mm	2330 x 3000 x 2050 mm
MODEL	AS-SLD-121 2SS	AS-SLD-122 2SS	AS-SLD-123 2SS	AS-SLD-151 2SS	AS-SLD-152 2SS	AS-SLD-153 2SS	AS-SLD-232 2SS	AS-SLD-233 2SS

## ▶ ALTERNATIVE UTILITY CHAMBER OPTIONS

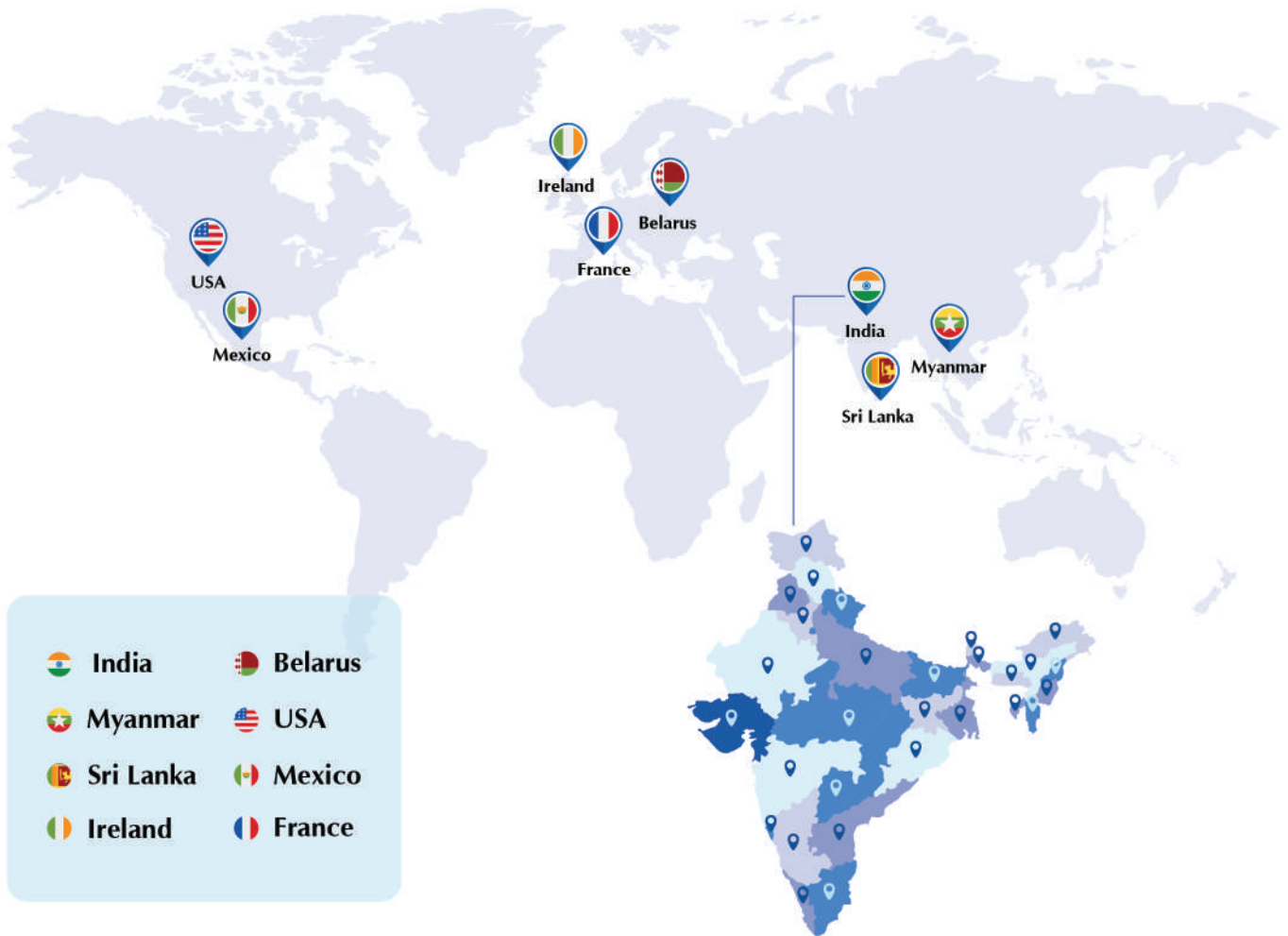


**Standard  
Side Mounted**



**Alternate  
Top Mounted**

# GLOBAL PRESENCE



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