

# VLAF (VERTICAL LAMINAR AIR FLOW SYSTEM)



## ▶ INTRODUCTION

Introducing the VLAF (Vertical Laminar Air Flow) system by Brinda Pharma Technology, a cutting-edge solution designed to maintain a controlled and sterile environment in your cleanroom or laboratory. The VLAF utilizes vertical laminar airflow, ensuring a consistent and downward flow of filtered air to effectively remove airborne contaminants. With its sleek and space-saving design, the VLAF is ideal for applications that require a compact and efficient airflow system. The user-friendly control panel allows for easy adjustment of airflow velocity and direction, providing flexibility and adaptability to meet your specific requirements. Trust in the precision and reliability of Brinda Pharma Technology's VLAF to create a contamination-free zone for critical operations. Experience the benefits of improved air quality, enhanced cleanliness, and increased productivity with the VLAF system. Elevate your cleanroom standards with Brinda Pharma Technology and achieve exceptional performance and reliability with the VLAF.



## ▶ Key Features

- Vertical laminar airflow for efficient and uniform air distribution.
- High-efficiency HEPA filters with a minimum efficiency of 99.99% at 0.3  $\mu\text{m}$ .
- Microprocessor-based control system for precise operation and monitoring.
- LED lighting for excellent visibility and illumination.
- Adjustable airflow velocity for customized working conditions.
- Corrosion-resistant construction for durability and longevity.

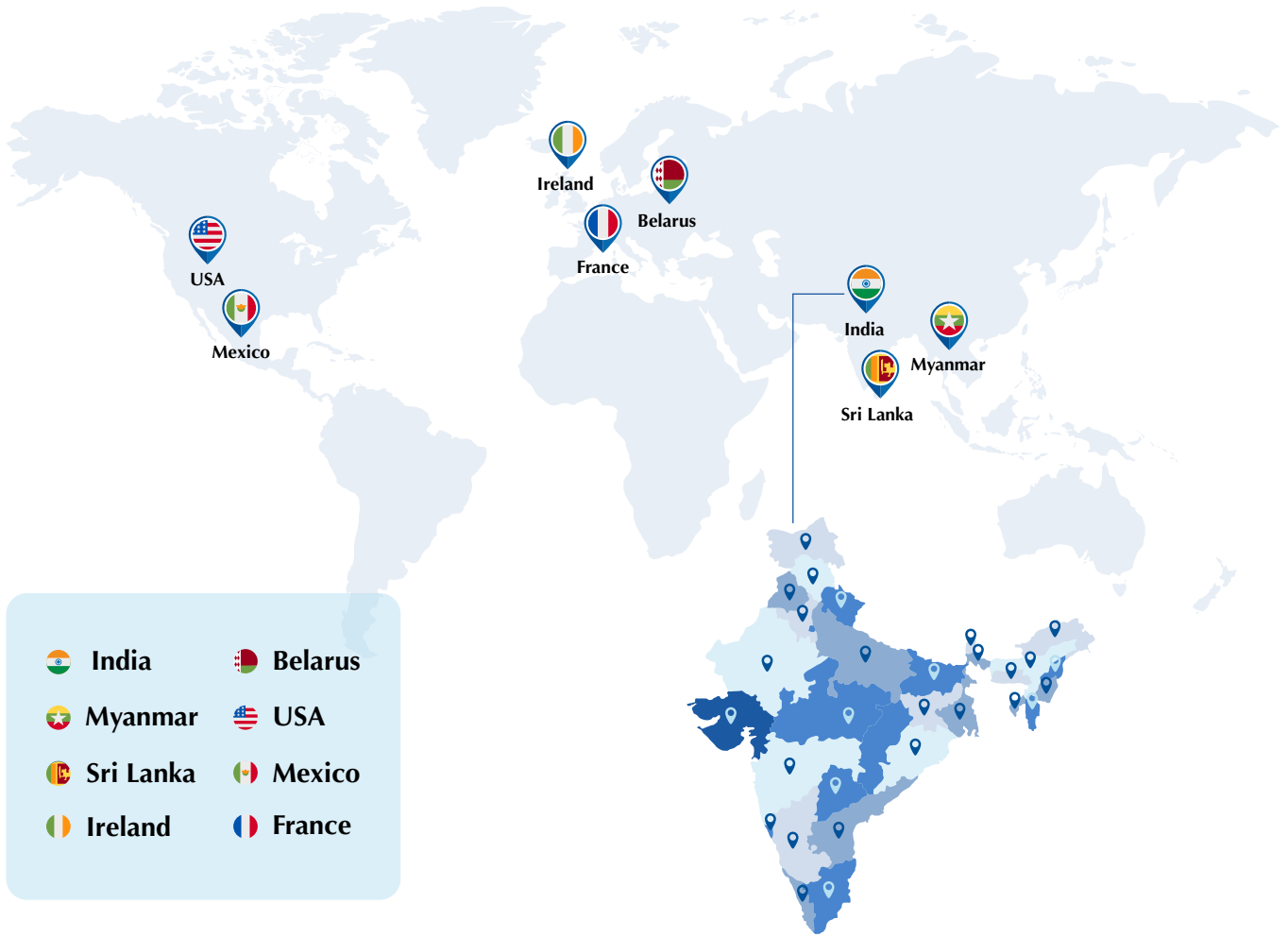
## ▶ TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION		
<b>DIMENSIONS</b>	Standard & Customized Sizes as per garment storage capacity		
<b>MATERIAL OF CONSTRUCTION</b>	Stainless Steel 304 or 316L		
<b>UV DISINFECTION (OPTIONAL)</b>	UV Disinfection with an hour meter (Optional)		
<b>FILTRATION SYSTEM</b>	HEPA Filter (99.99% Efficiency) Washable Pre Filter combination		
<b>NOISE LEVEL</b>	≤ 85 dB		
<b>BLOWER</b>	Statically Dynamically Balanced Blower EC Blower (Optional)		
<b>PRESSURE MONITORING</b>	Megnahelic Or Digital Differential Pressure Gauge Pressure High – Low Alarm Feature (Optional)		
<b>CONTROL SYSTEM</b>	Microprocessor Based control system with control display or HMI (Optional)		
<b>ALARM SYSTEM</b>	Audible - Visual Alarms		
<b>AIR FLOW PATTERN</b>	Vertical		
<b>LIGHTING</b>	LED Lights		
<b>POWER SUPPLY</b>	415-420 VAC 50 Hz	220-240VAC 50 Hz	110-130 VAC 50/60Hz

## ▶ MODELS

VERTICAL LAMINAR AIR FLOW SYSTEM							
MODEL	DIMENSIONS						MOC
	INTERNAL			EXTERNAL			
	W	D	H	W	D	H	
VLAF-900SS	900 mm 2.9'	600 mm 1.9'	600 mm 1.9'	1050 mm 3.4'	765 mm 2.5'	1960 mm 6.4'	SS 304/SS316 L
VLAF-1200SS	1200 mm 3.9'	600 mm 1.9'	600 mm 1.9'	1350 mm 4.4'	765 mm 2.5'	1960 mm 6.4'	SS 304/SS316 L
VLAF-1500SS	1500 mm 4.9'	600 mm 1.9'	600 mm 1.9'	1650 mm 5.4'	765 mm 2.5'	1960 mm 6.4'	SS 304/SS316 L

# GLOBAL PRESENCE



- India
- Belarus
- Myanmar
- USA
- Sri Lanka
- Mexico
- Ireland
- France



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