

# RLAF (REVERSE LAMINAR AIR FLOW SYSTEM)



## ▶ INTRODUCTION

Introducing the RLAF (Reverse Laminar Air Flow) by Brinda Pharma Technology, a state-of-the-art solution for maintaining a clean and sterile environment in your laboratory or cleanroom. The RLAF utilizes advanced air filtration technology to provide a laminar airflow that effectively removes airborne particles and contaminants, ensuring the purity of your work area. With its compact design and quiet operation, the RLAF offers seamless integration into your existing space. The user-friendly control panel allows for easy adjustment of airflow velocity and direction, providing optimal working conditions for your critical processes. Trust in the reliability and performance of Brinda Pharma Technology 's RLAF for precise control and superior air quality. Elevate your cleanroom standards with the RLAF and experience enhanced efficiency and safety in your operations.



## ▶ KEY FEATURES

### Reverse Airflow Design

RLAF incorporates a unique reverse airflow design, where filtered air is directed from the periphery towards the centre of the cleanroom, creating a controlled and contamination-free environment.

### High-Efficiency Filtration

Equipped with HEPA filters, RLAF effectively captures and removes airborne particles, including sub-micron particles, ensuring superior air quality and cleanliness.

### Adjustable Airflow Velocity

RLAF allows for adjustable airflow velocity to accommodate different cleanroom requirements, providing flexibility and precision in maintaining the desired airflow conditions.

### Alarm and Monitoring System

RLAF is equipped with an alarm and monitoring system that alerts operators to any deviations in airflow, pressure, or filter status, ensuring continuous operation and safety.

## ▶ TECHNICAL SPECIFICATIONS

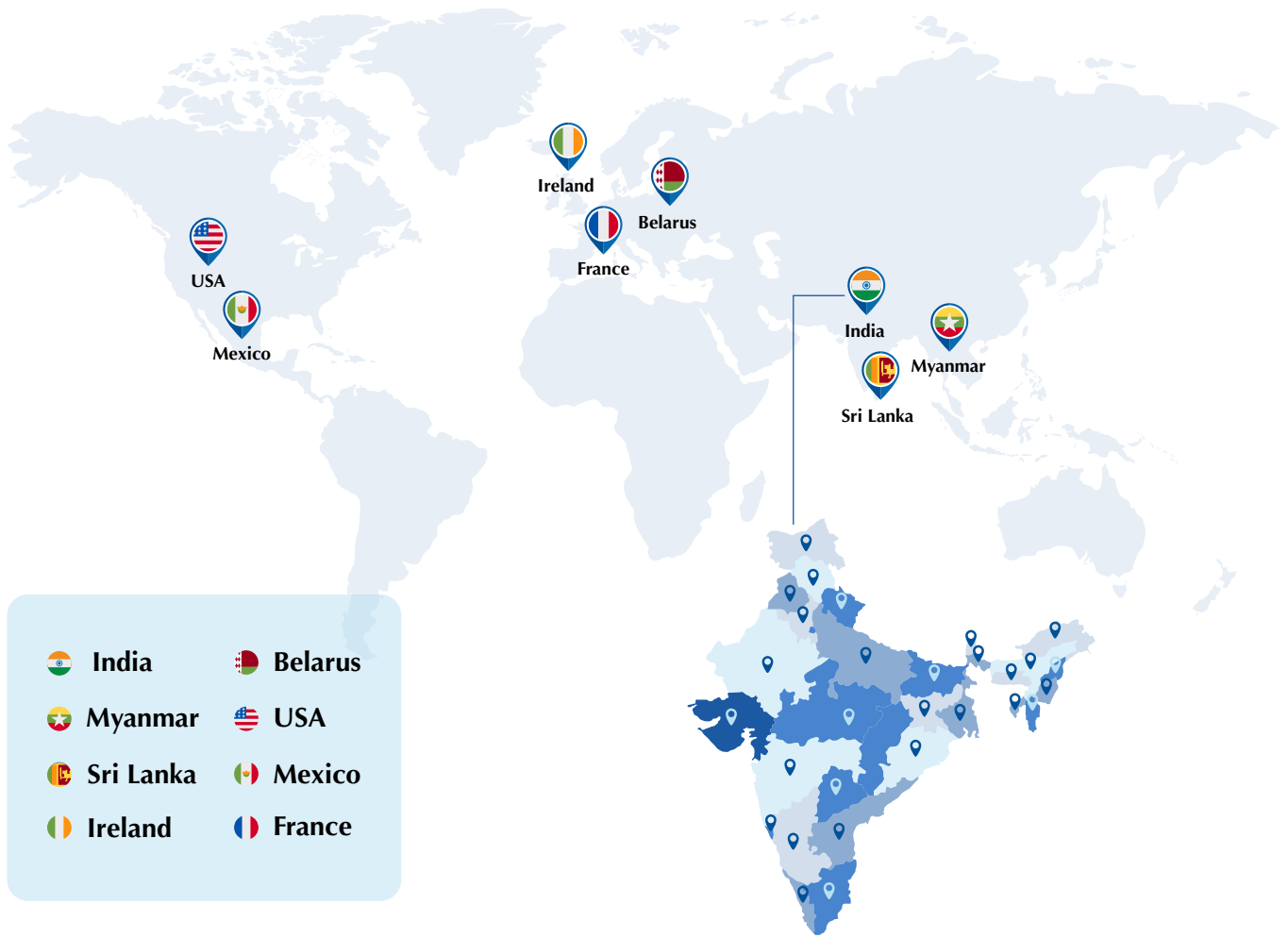
PARAMETER	SPECIFICATION		
MATERIAL OF CONSTRUCTION	Stainless Steel 304 or 316L		
DIMENSIONS	Standard & Customized Sizes		
FILTRATION SYSTEM	HEPA Filter (99.999% Efficiency) with washable Pre-Filter combination		
NOISE LEVEL	<85 dB		
LIGHTING	LED Lights or Monochromatic Lights		
PRESSURE MONITORING	Megnahelic Or Digital Differential Pressure Gauge with alarm feature (Optional)		
BLOWER	Statically & Dynamically Balanced Blower Optional EC Blower		
CONTROL SYSTEM	Microprocessor Based control system with control display or HMI (Optional)		
ALARM SYSTEM	Audible - Visual Alarms		
AIR FLOW PATTERN	Vertical & Recirculation with exhaust		
FIRE RATING	Complete/Partial Flame Proof System (Optional)		
POWER SUPPLY	415-420 VAC 50 Hz	220-240 VAC 50 Hz	110-130 VAC 50/60Hz

## ▶ STANDARD SIZE CHART

REVERSE LAMINAR AIR FLOW SYSTEM							
MODEL	DIMENSIONS						MOC
	INTERNAL			EXTERNAL			
	W	D	H	W	D	H	
RLAF-1200/12SS	1200 mm 3.9'	1200 mm 3.9'	2000 mm 6.5'	1300 mm 4.2'	1800 mm 5.9'	2400 mm 7.8'	SS 304/SS316 L
RLAF-1500/12SS	1500 mm 4.9'	1200 mm 3.9'	2000 mm 6.5'	1600mm 5.2'	1800 mm 5.9'	2400 mm 7.8'	SS 304/SS316 L
RLAF-1500/15SS	1500 mm 4.9'	1500 mm 4.9'	2000 mm 6.5'	1600mm 5.2'	2100 mm 6.8'	2400 mm 7.8'	SS 304/SS316 L
RLAF-1800/18SS	1800 mm 5.9'	1800 mm 5.9'	2000 mm 6.5'	1900 mm 6.2'	2400 mm 7.8'	2400 mm 7.8'	SS 304/SS316 L

(Size & Features Can be Completely Customized according to unique requirements.)

# GLOBAL PRESENCE



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



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