

MLAF: MOBILE LAMINAR AIR FLOW SYSTEM



▶ INTRODUCTION

Experience the next level of mobility and precision with MLAF (Mobile Laminar Air Flow). Designed for versatility and reliability, MLAF sets a new standard in creating controlled environments on the go. With its portable yet powerful features, MLAF ensures clean and sterile air wherever you need it, making it the ultimate solution for maintaining optimal cleanliness levels in diverse settings.



▶ KEY FEATURES

Laminar Air Flow Technology

MLAF generates a continuous stream of purified air, creating a laminar flow pattern that effectively eliminates contaminants and ensures a sterile environment.

Adjustable Air Velocity

Tailor the air velocity according to your specific requirements, providing precise control over the airflow and maintaining desired cleanliness levels.

Enhanced Filtration System

Equipped with high-efficiency HEPA filters, MLAF captures and eliminates microscopic particles, ensuring exceptional air quality and cleanliness.

User-Friendly Operation

MLAF features an intuitive interface that enables easy adjustment of settings and real-time monitoring of essential parameters, ensuring a seamless user experience.

Uninterrupted Operation with Battery Backup

The MLAF system incorporates a reliable battery backup system to ensure uninterrupted operation, even during power outages or fluctuations.

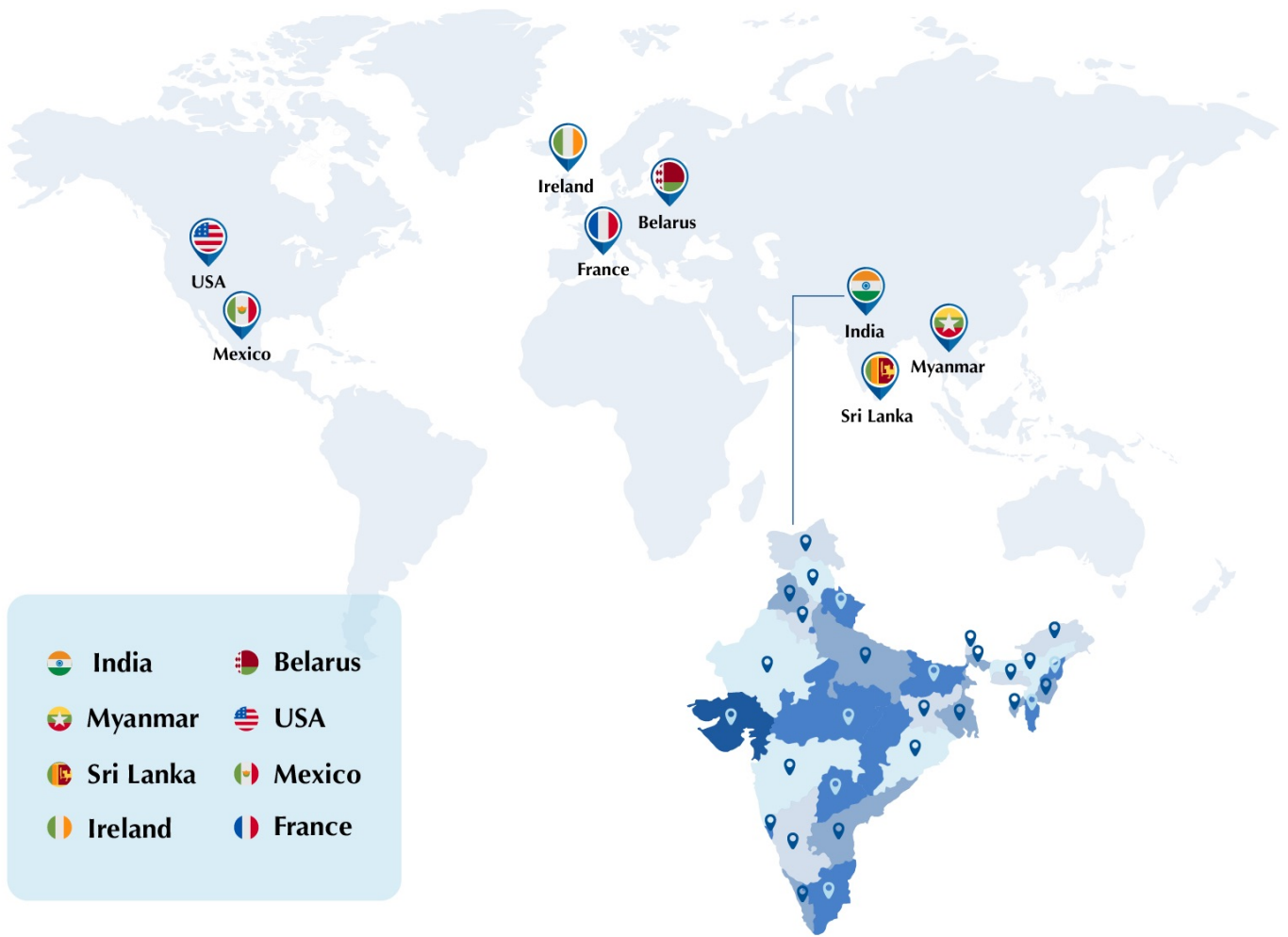
▶ TECHNICAL SPECIFICATIONS

PARAMETERS	SPECIFICATIONS		
MATERIAL OF CONSTRUCTION	Stainless Steel 304 or 316L		
DIMENSIONS	Standard & Customized Sizes		
UV DISINFECTION (OPTIONAL)	UV light with and hour Meter		
FILTRATION SYSTEM	HEPA Filter (99.999% Efficiency) with washable Pre-Filter combination		
NOISE LEVEL	<85 dB		
LIGHTING	LED Lights		
PRESSURE MONITORING	Megnahelic Or Digital Differential Pressure Gauge with alarm feature (Optional)		
BLOWER	Statically & Dynamically Balanced Blower Optional EC Blower		
ALARM SYSTEM	Audio – Visual Alarms		
CONTROL SYSTEM	Microprocessor Based control system with control display or HMI (Optional)		
MLAF MOVEMENT	Lockable Caster Wheels		
POWER BACKUP	UPS & Battery Setup		
CHARGING CABLE	Retractable Cable		
AIR VELOCITY MEASUREMENT	Air Velocity Sensor (Optional)		
POWER SUPPLY	220-240 VAC 50 Hz	220-240 VAC 50/60 Hz	220-240 VAC 60 Hz

▶ STANDARD SIZES CHART

MOBILE LAMINAR AIR FLOW SYSTEM							
MODEL	DIMENSIONS						MOC
	INTERNAL			EXTERNAL			
	W	D	H	W	D	H	
MLAF-600SS	600 mm 1.9'	600 mm 1.9'	600 mm 1.9'	1200 mm 3.9'	670 mm 2.1'	1250 mm 4.1'	SS 304/SS316L
MLAF-900SS	600 mm 1.9'	600 mm 1.9'	900 mm 2.9'	1200 mm 3.9'	670 mm 2.1'	1550 mm 5.0'	SS 304/SS316L
MLAF-1100SS	600 mm 1.9'	600 mm 1.9'	1100 mm 3.6'	1200 mm 3.9'	670 mm 2.1'	1750 mm 5.7'	SS 304/SS316L

GLOBAL PRESENCE



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