

Large Volume Air Purifier



New Product

Introducing the Panjurli Labs Large Indoor and Outdoor Air Purifiers, engineered specifically for large spaces to provide clean, breathable air. These purifiers boast an impressive 99% efficiency, effectively removing pollutants, allergens, and airborne contaminants to create a healthier environment. Ideal for both indoor and outdoor use, where air quality is essential. With cutting-edge filtration technology and a sleek, durable design, Panjurli Labs ensures superior air purification for any large space, safeguarding your health and comfort. Experience the future of clean air with Panjurli Labs.



Indoor Air Purifier

2000 CFM



The air purifier is capable of cleaning 2000 cubic feet per minute (CFM), making it ideal for large indoor spaces within airports. It is well-suited for installation in high-traffic areas such as passenger lounges, check-in counters, security checkpoints, and baggage claim areas, ensuring clean and healthy air for travelers and staff in these busy environments.

Outdoor Air Purifier

3200 CFM



With a powerful capacity of 3200 cubic feet per minute (CFM), this air purifier is specifically designed for outdoor areas in airports, ensuring efficient air quality control. Ideal installation locations include airport entryways, drop-off zones, parking areas, and outdoor waiting spaces, where clean air is essential for travelers and staff in high-traffic environments.

Filtration System

4 layer filtration system can capture Particulate matter (PM), Odour, VOCs, Viruses & Bacteria

Pre - Filter

Captures larger airborne particles like dust, pet hair, and dirt, acting as the first line of defense. It reduces the workload on the HEPA filter, prolonging its lifespan and maintaining optimal performance.



HEPA Filter

Filters out 99.97% of microscopic particles, including pollen, mold spores, and allergens as small as 0.3 microns. This high-efficiency filter is critical in maintaining clean air for people with allergies or respiratory conditions.



Activated Carbon Filter

Absorbs a wide range of harmful gases, unpleasant odors, and volatile organic compounds (VOCs), enhancing indoor air quality by neutralizing pollutants and chemical fumes.



UV Light

Offers powerful disinfection by destroying bacteria, viruses, and other microorganisms at the DNA level, ensuring a safer, more sterile air environment free of harmful pathogens.



Indoor Air Purifier

Features:

- **Air Quality Display Sensor:** Continuously monitors the indoor air quality and displays the real-time air quality index (AQI), allowing for immediate action if necessary.
- **Timer-Based Control:** Allows users to set specific operational times for the air purifier, optimizing energy use and ensuring it runs only when needed.

Dimensions:

- **800 x 650 x 1000 mm:** Compact design, allowing easy placement in various indoor environments without occupying much space.

Construction:

- **Body Material:** The outer body is made of high-grade mild steel, ensuring durability and strength. It is powder-coated to resist corrosion and wear, making it suitable for long-term use in indoor environments.

Power Supply:

- **300W Single-Phase AC Supply (230V):** The unit operates on a 300W single-phase AC supply, ensuring energy-efficient performance. Compatible with standard 230V outlets.



Outdoor Air Purifier

Features:

- **Rain Sensor:** The unit is equipped with an intelligent rain sensor that automatically shuts off the purifier during rainfall to protect the electrical components, resuming operation once the rain stops.
- **Air Quality Display Sensor:** Like the indoor model, it monitors and displays real-time air quality, offering visibility into the effectiveness of the air purifier.
- **Timer-Based Control:** Allows scheduled operation, reducing energy usage during low-traffic hours while ensuring optimal performance when needed.

Dimensions:

- **600 x 600 x 2000 mm:** The tall, slender design allows the purifier to cover a large area without taking up much ground space, making it ideal for outdoor locations.

Construction:

- **Body Material:** Built with high-quality mild steel and coated with weatherproof powder, making it resistant to rain, sun, and outdoor elements. This ensures the purifier's durability and long-term performance in harsh outdoor conditions.

Power Supply:

- **900W Single-Phase AC Supply (230V):** Operates efficiently on a 900W single-phase AC supply, designed for outdoor industrial or commercial spaces. Compatible with standard 230V outlets.



TEST REPORTS									
Test No:		SPM/2023/005		Date of Issue:		18/01/2023			
PM 1, PM 2.5, PM 10 PARTICULATE MATTER DATA(AS FOUND)									
S. NO	ATMOSPHERIC PARTICULATE MATTER			AFTER FILTER PARTICULATE MATTER			Avg particulate matter	Diffence In %	
	IAQ	Sample 1	Sample 2	Sample1	Sample 2	Sample 3			
1	PM 1.0	12.0 µg/m ³	8.2 µg/m ³	0.2 µg/m ³	0.6 µg/m ³	0.6 µg/m ³	0.46 µg/m ³		96.16
	PM 2.5	241.2 µg/m ³	152.4 µg/m ³	0.9 µg/m ³	2.4 µg/m ³	1.9 µg/m ³	1.7 µg/m ³		99.29
	PM 10	2642 µg/m ³	12085.8 µg/m ³	2.7 µg/m ³	7.7 µg/m ³	5.7 µg/m ³	5.3 µg/m ³	99.79	

AIR VELOCITY DATA(AS FOUND)		
S.No	FILTER ID	AIR VELOCITY IN METER PER SECONDS
1.	Test 1	11.5 m/s
2.	Test 2	11.7 m/s
3.	Test 3	11.6 m/s

Environmental Condition of Measurement			
Temperature	25 .9°C	RH	65 % RH
Barometer	927 hPa		

Remarks

- The test report refers to the value obtained at the time of testing and under the above stated conditions only.
- The test report are provided 'As Found' and the process followed strictly adheres to the industry standard norms.
- Publication or reproduction of this test report in any form without the written consent of SPM Lab Solutions is strictly prohibited.
- This certificate shall not be reproduced except in full without the approval of the laboratory and cannot be used as evidence in a court of law
- Test report due date as per customer request.
- Unit: 1 µg/m³=1 ppm

TESTED BY :




Testing & Calibration Laboratories, Sales & Service

Panjurli Labs

Panjurli Labs Pvt. Ltd. is a leading innovator in air purification technology, dedicated to providing clean air solutions for both indoor and outdoor environments. With a mission to enhance air quality in large spaces, we specialize in designing and manufacturing high-performance air purifiers that are trusted by industries such as healthcare, industrial facilities, public spaces, and more. Our products are engineered to meet the highest standards of efficiency and durability, ensuring cleaner, healthier air in even the most challenging environments.

At Panjurli Labs, we combine advanced filtration technologies like HEPA, activated carbon, and UV disinfection, ensuring our air purifiers are capable of eliminating harmful particles, pollutants, and microorganisms. Committed to sustainability, our energy-efficient designs reduce environmental impact while improving public health and safety.

Our focus on innovation, quality, and customer satisfaction has positioned us as a trusted partner for air purification solutions. From hospitals to airports, we are driven by the belief that everyone deserves to breathe clean air, regardless of the environment. Panjurli Labs – Redefining air quality, one breath at a time.

Clients & Partners

