



au pure

A Smoke and odor-free environment is a key ingredient in a welcoming ambience, especially focusing on eliminating passive smoking. Au Pure's leading smoke filtration systems are designed to treat Cigarette / Cigar / Sheesha smokes while also purifying the air and removing harmful suspended particles, odor-producing VOCs / gases, and microbes.

The systems are designed/customized to work on variable cleaning speeds and are configured/specified based on the layout & load factor of the outlet serving its esteemed occupants/guests, suitable for various kinds of smoke profiles.

AP-ES-2000 : Cassette Type Air Purification System



The AP-ES-2000 is an advanced cassette-type air purification system that leverages Coanda aerodynamics for superior smoke and particulate removal. This versatile unit can be installed in open and concealed spaces, featuring a visible faceplate and integrated fan system. The unit has mounting hardware and anti-vibration supports for stable, quiet operation.

Technical Specifications

AP-ES-2000	
Parameter	Value
Function	Removes: • Suspended Particulates (Dust, Microbes, VOCs) • VOCs include: Formaldehyde, Decane, Benzene, Butoxyethanol, Isopentane, Limonene, Styrene, Xylenes, Perchloroethylene, Methylene, Chloride, Toluene, Vinyl chloride • Microbes • Suspended gases and smoke
Capacity	1,100 CFM (Maximum)
Differential Speed	Between 600 CFM to 1100 CFM
Cabinet	Cassette Type unit with multi-stage filtration
Weight	40 Kgs
Static Pressure	180 Pa Max
Electrical	2.1 Amps 220V 50Hz
Power cord	3~Core Power cord
Noise Level	<45 d(B)A
Technology	• Pre-filter • ESP Filter • HEPA Filter • Composite Filter (Options available) • Activated Carbon Filter • TiO2 Filter • UVC System x 2 lamps • Ionization Treatment x 2 units
Air Flow system	1 x Heavy duty Extraction Fan
Air Flow design	Conda-Air design with movable / adjustable Louvres
Power Consumption	230 to 380 Watts (220-240 V – 50Hz)
Color choice	Black / White / Customizable – As per customer instructions
Warranty	12 months against any manufacturing defect

Coanda Air Flow



Applications



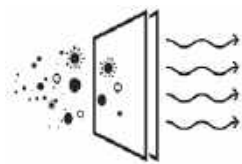
Odor Control



Smoke Filtration

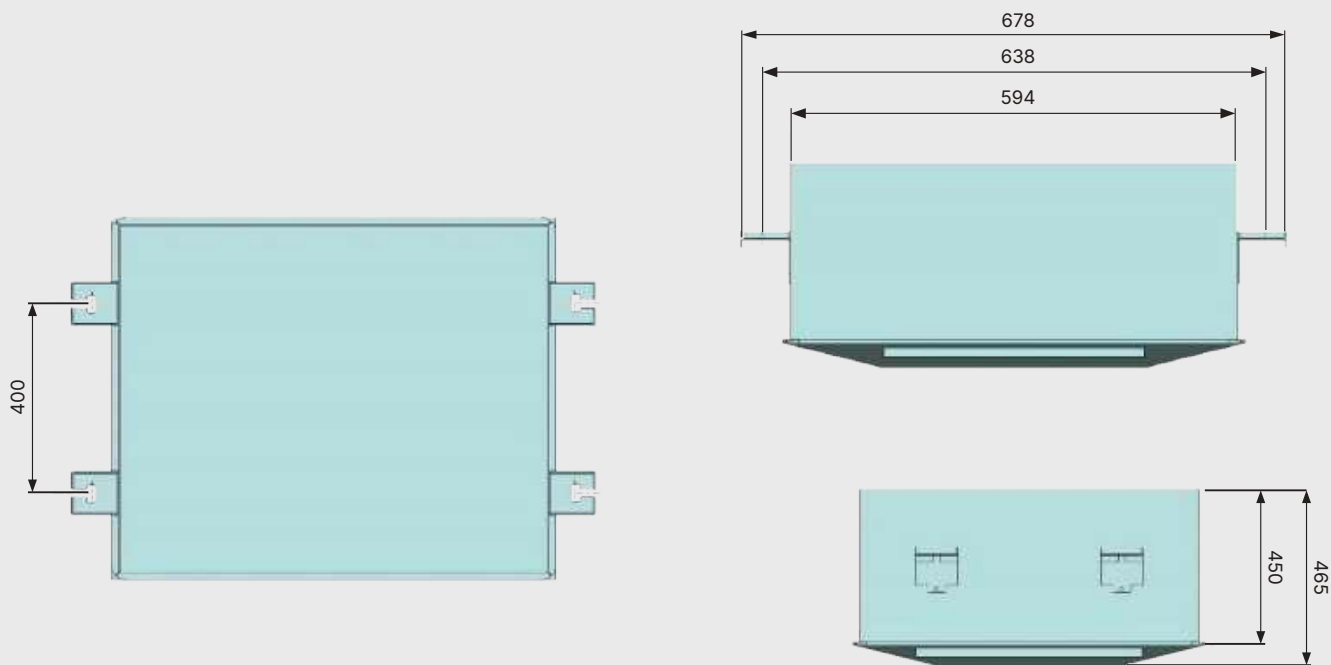


Contamination Control



Overall Indoor Air Quality

Dimensions





Our Solutions



Sustainable Connected Environments

- IOT-enabled, Data Driven, IAQ Platform,
- Multi-technology layered solution providing sustainable solutions
- Enterprise-level visibility and real-time analytics



Integrated Technology Air Quality Solutions

- Overall Indoor Environment Quality enhancement
- Odor Management /Smoke Filtration
- Surface Decontamination

Contamination /Transmission Control

- Contamination /Transmission Mitigation in Indoor Spaces
- Multiple Technology Solutions (UVGI / UPI-BPI / Oxidation / PCO / Media / Custom)
- Microbial /Pathogen Control /Bio Burden Removal / HAI Mitigation



HVAC System / Air Purification Systems

- Multi-stage /Multi-technology Modular Systems
- In-Duct /In-Unit Technological Solutions
- Pathogen Removal /IAQ Improvement



Design Thinking / Energy Management

- "C3"— Concurrent Contamination Control: 360° approach
- Enhanced HVAC Efficiency (Retrofit & New-build Solution)
- IAQ Based WAG Design Systems (New-Build Solution)



Au Pure Air Quality Solutions

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