

Air Purification System (APS)

PRODUCT DATA

BACKGROUND

- Ambient air pollution levels are unhealthy in India throughout the year, worsening during winter months.
- Pollution leads to economic losses (health, productivity, welfare) as well as loss of lives.
- Large sections of population are exposed to pollution and their exposure needs to be reduced.

PRODUCT

The Air Purification System (APS) segregates particulate matter (PM) from air to reduce pollution by concentrating and collecting the particles and removing them through a depositor. The product is filter-less, easy to operate **24x7x365** and deployable in the most optimum manner to reduce exposure of the people from pollution. The product is capable of running unattended over long period of time and performs better at higher pollution levels. It is configurable for both enclosed and open spaces. Once deployed, the product does not need frequent attention or maintenance.

FEATURES

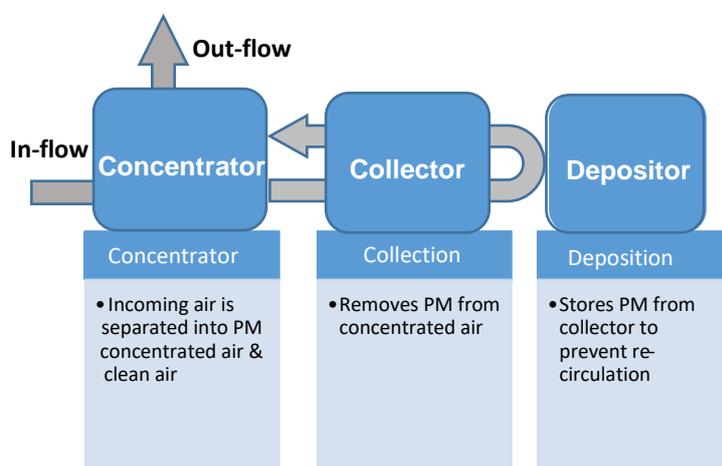
- Solution for **PMNEUTRALITY™**
- **Filter-less** - no consumable or high voltage
- Portable and scalable as per requirement
- 75% efficient without any degradation over long usage
- Sustainable solution
- Low power consumption
- IOT enabled remote monitoring & control

DEPLOYMENT SCENARIOS

The product removes PM (Particulate Matter) pollution such as Construction dust, soot etc. and is ideally suited for Industries, construction sites and other polluted large semi-enclosed and open spaces. It will reduce emission of Diesel Generators during its running and the same system will reduce ambient PM even when DG is not running.

APS efficiently reduces harmful exposure to people in crowded areas like metro or train stations, petrol pumps, congested markets, schools, etc. It will be game changer to control PM pollution of large spaces like industrial areas, bulk ports, material handling yards, Dump yards, Cities & Towns.

SYSTEM WORKING



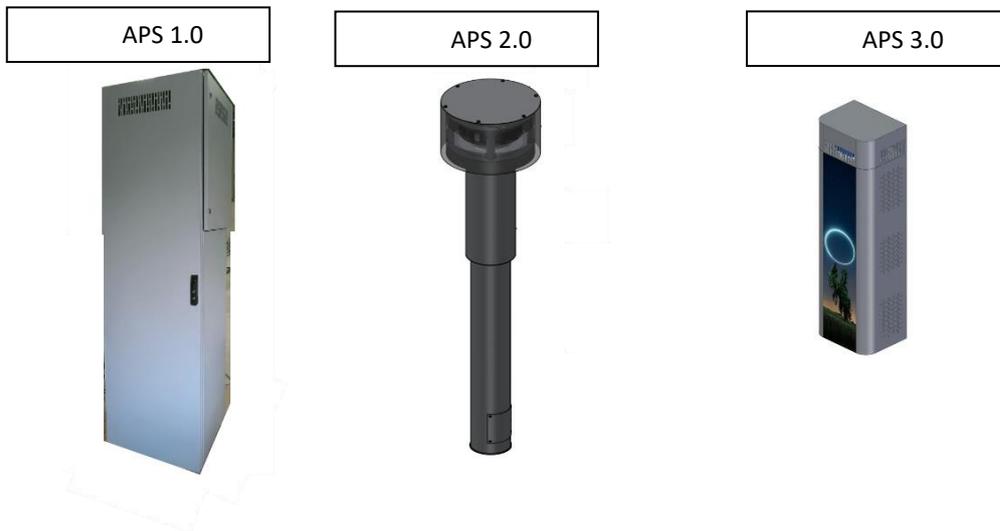
APS MODELS AND VERSIONS*

Model	Capacity-CFM	Footprint (Typical)#	Power Consumption
APS 1.0 – Rack	400	Up to 1000 Sqm	280 Watts
APS 2.0 – Pole Mounted	200	Up to 500 Sqm	150 Watts
APS 3.0 ^o – Wall Mounted	100	Up to 400 Sqm	100 Watts

*Product design and specifications are subject to change

Footprint depends on site conditions
° APS 3.0 is for large indoor or semi-enclosed spaces

APS MODELS AND VERSIONS*



*Photo and Design are subject to changes

About EFTS Technologies

EFTS Technologies India Private Limited (ETIPL) is engaged in marketing and supplying products and solutions for controlling air pollution caused by particulate matter (PM_{2.5}, PM₁₀, dust etc.) at hotspots and reducing harmful exposure to people. ETIPL works with Umeandus™ Technologies India Private Limited who works in designing & developing innovative technologies focused on energy & environment improvement by creating sustainable infrastructure for transportation, logistics and to address challenges of air pollution.

APS is a vision for a clean & sustainable world.

