

## FRESH AIR PURIFICATION SYSTEM- CHEMICAL FILTRATION UNIT™



- **The Fresh Air Purification System-Chemical Filtration Unit (FAPS-CFU™)** is designed to remove gaseous and particulate contaminants from ambient air to be supplied to the HVAC system.
- They typically provide clean air to control rooms in data centres, oil and refineries, pulp and paper and other heavy industries as per ISA 71.04-2013 guidelines.
- The FAPS-CFU houses **PURAFIL** patented chemical media which has the highest capacity to remove a wide range of gases in the air.
- The flexibility in design allows tailor-made construction for specific applications.
- FAPS-CFU also houses a choice of pre-filters and final filters to remove particulate matter.

- **PURAFIL** chemical media's wide range of options provides flexibility in removing specific types of gases.
- Purafil's free-of-cost Media Life Analysis helps to determine the remaining life in the chemical media to help the customer plan logistics.
- Chemical media can be housed as filter type, in modules or the unit can be designed to be a deep bed to increase the exposure area of the chemical media.
- The FAPS-CFU is constructed with an aluminium double-walled PUF injection casing for quieter operations and longer durability in harsh conditions.
- Flexible system designs enable you to tailor your system according to the needs of your budget, space and air handling system.

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### SPECIFICATIONS

CFM capability	500 - 50,000
FPM	100 - 500
Filter Type	V Bank / Module / Deep Bed
Material Of Construction	Galvanized Steel / Aluminum / Stainless Steel
Construction	Single / Double Wall
Filtration type	Pressurization Unit / Recirculation
Purafil Chemical Media Pass	Upto 3
Purafil Chemical Media Capacity	100 - 1,000 Kg *
Customization	Rain & Sand Louver / C5 coated motor & Blower **
Application	Corrosion Control / Odor Removal / Toxic gas removal

\* Depends on the size of the filter and number of bed

\*\* Customization as per requirements