



**CHANNEL PARTNER
CADILLAC FILTERS PVT. LTD.**



Live your Life with Healthy & Pure Air
Make Your Future Bright

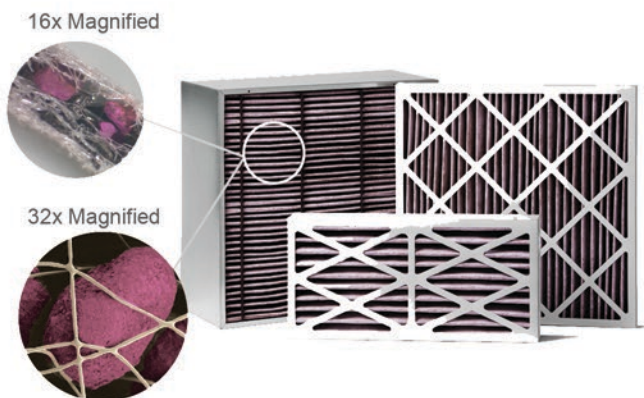
Products :

Purafil Granular Media:

PURAFIL® SP : Demonstrates a higher working capacity for broad spectrum oxidation of contaminants, where multiple gas challenges are present. UL Certified for flammability.

PURACARB® : Manufactured specifically for the removal of acid gases, including hydrogen sulfide and sulfur di oxide, in industrial settings.

PURAKOL® : Used in combination with other Purafil media to ensure broad-spectrum removal of pollutants.

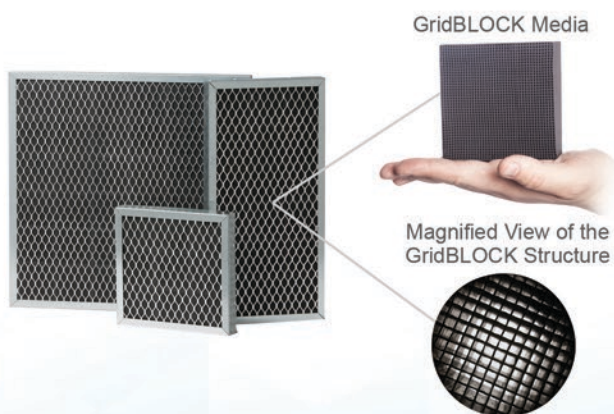


The Purafilter®

Combination chemical and particulate filter designed to replace existing particulate filters in retrofit or rework applications. The Purafilter contains Purafil SP Blend media and is useful in applications where space limitations exist. Purafil engineers are the first to successfully suspend sodium permanganate media in a bicomponent fiber matrix, which does not require the use of adhesives so the media is fully exposed for reaction with gaseous chemical contaminants and odors. Purafil's patented media formulation is evenly distributed throughout the filter structure to assure the highest filtration efficiency.

PuraGRID™ Filter with GridBLOK™ Technology

Made of extruded monolithic block consisting of a large number of small parallel cells or channels. The GridBLOK™ is composed of essentially 100% adsorbent materials allowing the entire composite structure to function as a gas filter within the PuraGRID Filter. This filter features no bypass, low pressure drop and turbulent air flow with full utilization of the media. PuraGRID filters can be used inside Purafil's custom engineered equipment or installed into existing air handling systems. While Purafil manufactures multiple GridBLOK formulations, the IAQ GridBLOK is specifically designed to improve Indoor Air Quality. This new media formulation has twice the removal capacity for formaldehyde than any other chemically impregnated media.





PK-12 and PK-18 Modules

Purafil modules will help you save energy, money and time while improving indoor air quality, removing odors and preventing corrosion. The specialty design features a durable, adhesive-free construction with highly aerodynamic airfoil screens, easy access sampling ports and the patented Posi-Track™ Purafil technology. Purafil's modules can be inserted into existing module or cassette based equipment. Purafil's professional team of scientists and engineers have created an aerodynamic airfoil screen design. This enhancement provides a lower pressure drop and increased energy savings.

Purafil Custom Equipment :

Positive Pressurisation Unit (PPU)

Modular system design works in tandem with standard air handling equipment to eliminate corrosive gases and provides continuous positive pressure within the space as it recirculates the air.

Application : Key application areas for a PPU include control rooms or rooms housing delicate equipment: Server room, Data centre, Telecommunication centre, Laboratories, Medical testing and treatment environments, mill control rooms, and other Process industries.

Airflow : 500 - 4,000 CFM



Corrosive Air Unit (CAU)

The CA, also designed to be located within the protected space, is an air purification machine with recirculation as its primary function. The unit is used to further filter and polish the room air to maintain very low pollutant levels. It offers a number of advantages not present in filtration systems that are integral with the HVAC systems. Both particulate and chemical filtration and a self-contained blower are combined in one unit.

Application: Key application areas for a CAU include control rooms or rooms housing delicate equipment: Server room, Data centre, Telecommunication centre, Laboratories, Medical testing and treatment environments, mill control rooms, and other Industries like- Electronics & Electrical, Pharmaceuticals, Oil & Gas Industries, Chemical Industries, food & beverage Industries, etc.

Airflow : 500 - 4,000 CFM



Purafil® Side Access System (PSA)

The PSA is designed for both particulate and gaseous contaminant control and works in conjunction with the facility's air handling system. Connected with a new or existing HVAC system, a full range of sizes controls odor, corrosion, and air pollutants for a variety of indoor settings. The PSA is a built-to-order system available in more than 20 sizes. A full range of prefilter selections and particulate final filter selections are also available.

Application : Hospitals, Labs, IVF, Commercial Building, Waste Water, Airport, Hotels, Museums, Industries like - Electronics, Pharmaceuticals, Paper Mill, Oil & Gas, etc.

Airflow : 250 - 50,000 CFM



Deep Bed Scrubber (DBS)

The DBS is a highly effective, bulk media scrubber for controlled environments with medium-to-high contaminant levels. Located outside the protected space to pressurize and provide ISA Class G1 air with up to four independent bulk-filled media beds for complex gas challenges to ensure a long residence time for system efficiency.

Application: It is ideal for pulp and paper mills, refineries, steel mills, smelters, chemical plants, Petrochemical plants, and other hostile environments.

Air Flow : 500 - 8,000 CFM



Services :

We are offering you the best Service as per the International Society of Automation (ISA 71.04-2013, "Environmental Equipment Conditions for Process Management and control systems: Airborne Contaminants") standard to prevent high expensive equipment free from Corrosion so that its life span increase without down time. We assess your environment to determine the types and level of corrosive gases on your data centers, server rooms, switches, I/O devices, power distribution and UPS rooms or other areas housing sensitive electronics. Which is typically only visible with the uses of a microscope.

ISA STANDARD 71.04-2013			
CLASS	COPER REACTIVITY LEVEL (IN ANGSTROMS)*	SILVER REACTIVITY LEVEL (IN ANGSTROMS)*	AIR QUALITY CLASSIFICATION
G1	< 300	< 200	MILD <i>Corrosion is not a factor</i>
G2	< 1,000	< 1,000	MODERATE <i>Corrosion is not a measurable</i>
G3	< 2,000	< 2,000	HASH <i>High probability that corrosion attacks wil occur</i>
GX	> 2,000	> 2,000	SEVERE <i>High probability that corrosion attacks wil occur</i>

* Normalized to a 30-day exposure. 1 angstrom = one hundred-millionth of a centimeter, or 10⁻¹⁰ meter.

Passive MonitoringActive Monitoring :



Corrosion Classification Coupon



OnGuard

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