Exposome

PurSafe

Advance Molecular Air Filtration Media

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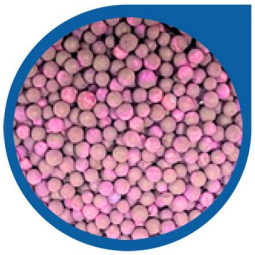


Purifair 1001

Molecular filter for removal of SOx, NOx, H_2S, ethylene and aldehydes

Purifair 2001

Molecular filters for removal of acidic gases containing chlorine

Purifair 3001

Molecular filters for removal of ammonia

Purifair 1021

Removal of harmful and odourous gases such as Ozone (O_3), Hydrogen Fluoride (HF) and various VOCs

Purifair 1031

Removal of H_2S, CS_2, acidic gases and various VOCs

Purifair 4001

A high performance chemical molecular filter for effective removal of odourous gases such as nitrogen oxide, ozone, formaldehyde and VOCs

EXPOSOME MEDIA CODE	FUNCTION OF THE MEDIA
Pur-Safe 9001	Hydrogen Sulphide 14 to 30% ammonia 1%, Formaldehyde 2 to 4%
Pur-Safe 1002	Hydrogen Sulphide 20%, SOx 10% by weight, Chlorine 10% by weight
Pur-Safe 8001	Removal of SOx, NOx, plus volatiles
Pur-Safe 1003 (Pd incorporated)	Removal of Carbon Monoxide
Pur-Safe Textiles	Technical textiles for the removal of air pollution
Pure-Safe for Produce	Keeping Food Fresh
Pur-Safe 1001	Media for Removal SOx, NOx
Pur-Safe 2001	Media for Removal of Acidic gases containing Chlorine
Pur-Safe 3001	Media for Removal of Ammonia
Pur-Safe 6001	Media for Removal of Bacteria and Virus
Negative Ion generation	Ceramic Slurry for negative ion

Exposome Data-Center Gas Filtration Systems (DC-GFS)

-Advanced DC_GFS will feature sensors & measuring devices for Live Tracking the air quality in their Data Centre Rooms

Plug & Play Device:

- Simple installation with manual switch - easy operations
- Suitable for long continuous maintenance free operation
- Quick & easy service
- Customisable gas filter options available
- Reduced energy usage
- Highest removal efficiency at ppb level
- Designed for industrial control rooms, server rooms and data centres

MoleScrub - Continuous Emission Abatement

-MoleScrub Concept:

To trap Corrosive Gases in a Chamber filled with molecular filter.
This can be made regenerable depending upon the gas to be abated.

-Suitable Applications:

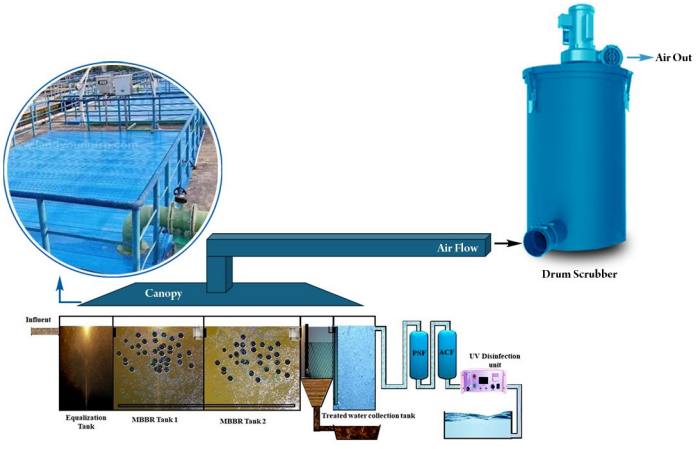
Open spaces where odor has to be controlled

- Production floor in a factory
- Inside STP / CETP / ETP
- Municipal solid waste storage areas & morgues etc.

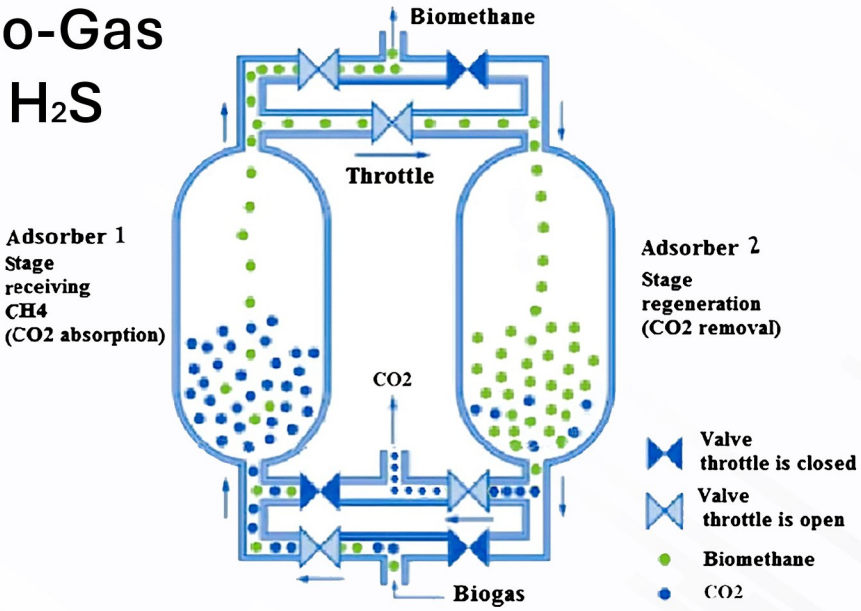
TIME	TVOC in mg/m³	HCHO in mg/m³	CO_2 in ppm
12:50	0.336	0.048	484
12:51	0.140	0.020	473
12:51	0.000	0.000	471

Odor removal system from STP site

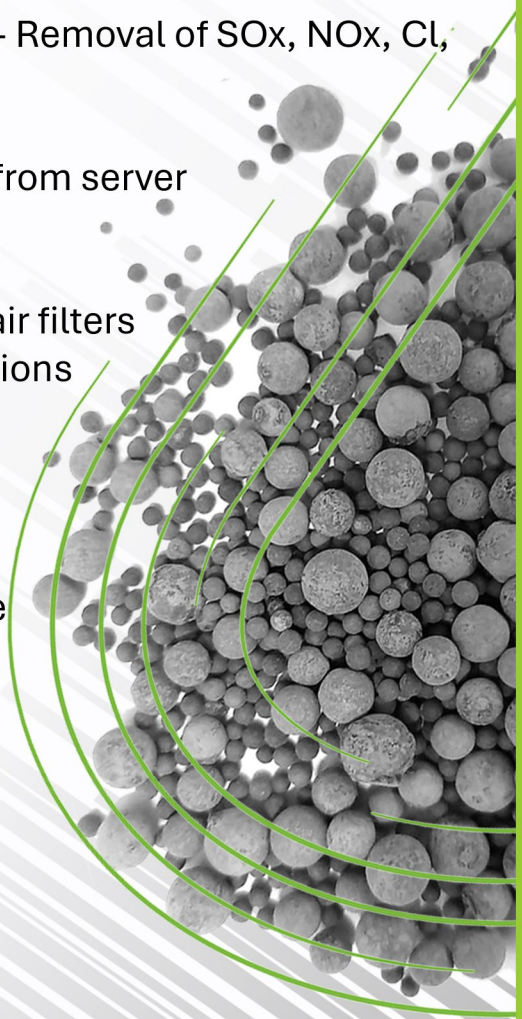
- This is the ideal solution for odor control in STP unit (pump stations, lift stations, and sludge holding tanks)
- Effectively removes ammonia, hydrogen sulfide, sulfur dioxide, nitric oxide and formaldehyde.
- We can customise the media as per your requirements as well. Our odor control system also eliminates germs, molds, viruses, bacterias etc.



Purification of Bio-Gas Removing CO_2 & H_2S from Methane



- Remove the gaseous contaminants from air-filter ultrafine airborne particulates, VOCs and toxic, hazardous, corrosive or odorous gases-indoor & Outdoor and meet your regulatory compliance
- Regenerable tertiary air treatment for industries- Removal of SOx, NOx, Cl, H_2S, VOC etc.
- Replacement media to remove corrosive gases from server rooms and data Centers
- Combination of Hepa (Particle) with molecular air filters designed for various commercial HVAC applications
- Custom blended media for molecular air filter housings
- Remove harmful gases and particulates with the help of our Drum Scrubber
- High efficiency, compact style molecular air filters for clean room AHUs and housings
- Deep bed molecular filtration housings for exhaust air applications



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