PureAir
A cleanwater1 Company

Chemisorbant Media

PureAir's Chemisorbant Media captures and removes problematic gases, vapors, and odors from the environment. PureAir's variety of media provide the most cost-effective and optimal solutions for unique applications.

Defining the Problem

Determine which gas is causing the issue to identify the most effective solution.

The main gases PureAir's Chemisorbant Media target:

- **Ammonia**
- **Hydrogen sulfide**
- **Sulfur dioxide**
- **Nitric oxide**
- **Formaldehyde**
- **Chlorine**

Note: Not sure which gas is causing the problem? PureAir can help identify it using expertise and tools like the **Corrosivity Test Kit** that identifies airborne corrosive gases.

Media Types

Interested in a specific media? Ask the factory to send a specification sheet, which includes removal capabilities.

Activated Alumina Base:

- PureAir 4
- PureAir 8
- PureAir 12
- PureAir 12-SP
- Alumina
- Safetysorb
- Siloxsorb

Clay and Mineral Base:

- PureAir Z
- PureAir 6Z
- Sulphasorb Fe™

Engineered Carbon Base:

- AC-C
- AC-X
- Ammoniasorb®
- NOXsorb
- Sulphasorb XL™
- Sulphasorb FeXL™
- Sulphasorb 2™

Blended Media:

- PureAir CP Blend
- PureAir CPS Blend
- PureAir CPS12 Blend
- PureAir CPS12-SP Blend
- PureAir CPZ Blend
- PureAir PP Blend
- PureAir TriBlend
- PureAir VOCsorb Blend

Media Filter Housings

Incorporate any chemisorbant media into these various housings and filters:

- Loose Media by the Box or Supersack
- Modules
  - * PP12 & PP18
  - * CK12 & CK24
- Honeycomb Filters
- Pleated Media Filters
- Matrix™ Filters
- Cylinders

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Replacement Media

Maintaining a system with high-performance chemisorbant media is essential. Failure to replace the media on time can compromise system function and release harmful gases. While media lifespan varies, it typically lasts just over a year. Ensure optimal performance with PureAir's top-quality, third-party-tested media.

When Should Media Be Replaced?

There are a few ways to check a PureAir system to determine when the media should be replaced.

The **Media Bed Indicator** functions like a dipstick; remove it to check for discoloration, which reflects the corrosion level. When discoloration reaches halfway, replace the media to maintain efficient operation and prevent odor breakthrough.

The **LIFEGARD®** media bed monitor alerts users before it is time for media changeout.

Sampling Media for Lab Testing

Complimentary media testing is offered to all PureAir customers. Collect a two-cup sample from each system port. Once received, the media is tested and a report is issued showing remaining media life.

Testing Air Quality

A **Corrosivity Test Kit** can also be used in commercial and industrial applications to assess room air quality and verify proper system performance.

The **Environment Corrosivity Monitor (ECMv2)** allows users to complete the corrosivity test electronically, through real-time monitoring.

Media Subscription Plan

Tier 1: Dedicated Virtual Assistance from a Sales Associate

Tier 2: On-site Consultation and Dedicated Sales Support

Tier 3: On-site Consultation, Focused Sales Guidance, and Advanced Electronic Monitoring

	Tier 1	Tier 2	Tier 3
Discount on future media orders	X	X	X
Free quarterly media testing; bags and labels will be sent each quarter	X	X	X
Sales Associate will send a reminder to check media bed indicator on a quarterly basis with instructions	X	X	X
Discount on future media orders and changeout service		X	X
A representative will come on site to check the media bed indicator and take samples on a quarterly basis. Mist and grease filter will be cleaned if needed		X	X
LIFEGARD® reports will be provided			X
Other air quality monitoring will be provided as needed			X

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