

# 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	Media Types	Media Filter Housings
<p>Determine which gas is causing the issue to identify the most effective solution.</p> <p>The main gases PureAir's Chemisorbant Media target:</p> <ul style="list-style-type: none"> <li>• Ammonia</li> <li>• Hydrogen sulfide</li> <li>• Sulfur dioxide</li> <li>• Nitric oxide</li> <li>• Formaldehyde</li> <li>• Chlorine</li> </ul> <p>Note: Not sure which gas is causing the problem? PureAir can help identify it using expertise and tools like the <b>Corrosivity Test Kit</b> that identifies airborne corrosive gases.</p> 	<p>Interested in a specific media? Ask the factory to send a specification sheet, which includes removal capabilities.</p> <p><b>Activated Alumina Base:</b></p> <ul style="list-style-type: none"> <li>• PureAir 4</li> <li>• PureAir 8</li> <li>• PureAir 12</li> <li>• PureAir 12-SP</li> <li>• Alumina</li> <li>• Safetysorb</li> <li>• Siloxorb</li> </ul> <p><b>Clay and Mineral Base:</b></p> <ul style="list-style-type: none"> <li>• PureAir Z</li> <li>• PureAir 6Z</li> <li>• Sulphasorb Fe™</li> </ul> <p><b>Engineered Carbon Base:</b></p> <ul style="list-style-type: none"> <li>• AC-C</li> <li>• AC-X</li> <li>• Ammoniasorb®</li> <li>• NOXsorb</li> <li>• Sulphasorb XL™</li> <li>• Sulphasorb FeXL™</li> <li>• Sulphasorb 2™</li> </ul> <p><b>Blended Media:</b></p> <ul style="list-style-type: none"> <li>• PureAir CP Blend</li> <li>• PureAir CPS Blend</li> <li>• PureAir CPS12 Blend</li> <li>• PureAir CPS12-SP Blend</li> <li>• PureAir CPZ Blend</li> <li>• PureAir PP Blend</li> <li>• PureAir TriBlend</li> <li>• PureAir VOCsorb Blend</li> </ul>	<p>Incorporate any chemisorbant media into these various housings and filters:</p> <ul style="list-style-type: none"> <li>• Loose Media by the Box or Supersack</li> <li>• Modules <ul style="list-style-type: none"> <li>* PP12 &amp; PP18</li> <li>* CK12 &amp; CK24</li> </ul> </li> <li>• Honeycomb Filters</li> <li>• Pleated Media Filters</li> <li>• Cylinders</li> </ul> 

# 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