

Chemical Adsorbent Media Testing



There are three ways to test the chemical adsorbent media in a PureAir system and determine whether or not it is time to replace the media. These include our Manual Bed Indicator, lab testing, and our Electronic Bed Monitor (EBM).

MANUAL BED INDICATOR

Most deep bed systems come equipped with a silver Media Bed Rod. The rod is positioned inside the system at an angle in the direction of airflow and detects the expiration level of the media. For all deep bed systems.

- Dark coloration on rod shows where media has been consumed. Once 75% of the rod has been discolored, contact the factory to replace the media in your system to ensure the proper functioning of the system.
- Interested in instant media life notifications? Ask about our Electronic Bed Monitor (EBM) that can be added to your system as an upgrade.



ELECTRONIC BED MONITOR (EBM)

Our Electronic Bed Monitor (EBM) is an additional feature that can be equipped on units (above 8,500 CMH (5000 CFM) or .3 m (6 ft) in diameter) at your request.

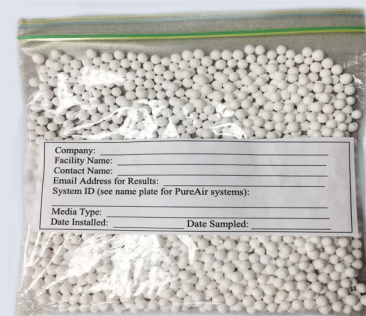
Interested in upgrading to our EBM? Contact factory.

- Transmits results wirelessly or wired
- Alerts user when the media is approaching end of life

MEDIA SAMPLE TESTING

Please refer to Page 2 of this document "Media Sampling Procedure" for instructions on the sampling process.

Media testing is COMPLIMENTARY for all PureAir customers.



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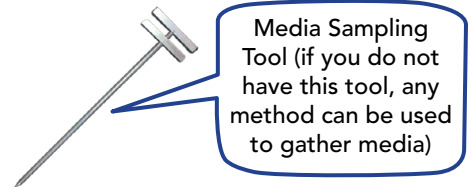
Media Sampling Procedure



Our in-house lab is pleased to offer FREE media testing of both PureAir and other manufacturer's media. To take advantage of this reporting, please send samples of media as indicated in directions below. Although the media is nontoxic, it is advised to wear a dust mask, gloves, and safety goggles while following these sample instructions so that dust from the media does not cause irritation.

FOR DEEP BED SYSTEMS:

1. Each media sample port is equipped with a CPVC ball valve. Open the ball valve.
2. Use the media sampling tool* to extract a sample of the media (about half a cup –about 120 ml– is required for all media except Safetysorb and Sulphasorb FeXL; two cups of these media is required). Place media sample in a plastic bag (sandwich size zip top bag is optimal).
3. Repeat steps 1 & 2 for each of the media sample ports (Typically, there are top, middle and bottom ports).
4. Ship the media samples to PureAir Filtration for remaining life analysis. (See address at bottom of the page).



FOR CARTRIDGE SYSTEMS:

1. Choose a cartridge from the center of the system. Open Cartridge (give instructions for PP12 vs PP18), and dump media from the cartridge into a pan or bucket. Gently shake/mix the pan or bucket to mix the media.
2. Extract a sample of the media (at least 120 ml – about half a cup – is required for most media; two cups required for Safetysorb and Sulphasorb FeXL). Place media sample in a plastic bag(sandwich size zip top bag is optimal).
3. Fill each cartridge back up with media that was poured into bucket/pan. Replace back into system.
4. Ship the media samples to PureAir Filtration for remaining life analysis.

Below is the information that is required to test your media. You may write this information on the bag you use to sample, or you may follow this QR code to print the label yourself or request a PureAir sample bag.

NOTE: If you do not have all this information, please fill out as much as possible.

Company: _____	Site/Facility Name: _____
Facility City, State: _____	Contact Name: _____
Contact Phone # and Email Address: _____	
System ID (if applicable-serial # on PureAir equipment name plate): _____	
Media Type: _____	Port Sampled: ___ First ___ Middle ___ Last
Date Installed: _____	Date Sampled: _____
Date Sent to PureAir Lab: _____	
PureAir Sales Representative (If Applicable): _____	

PLEASE SHIP ALL SAMPLES TO:

PureAir Filtration
Attn: Lab
2905 Amwiler Rd. Suite E. Atlanta, GA 30360 USA