

Chemical Adsorbent Media Testing

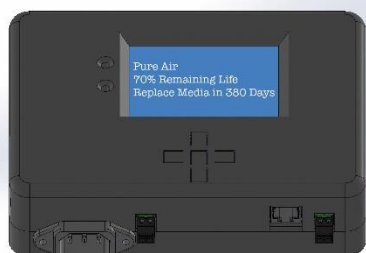


There are three ways to test the chemisorbant media in a PureAir system to determine when it is time to replace the media. These processes include a Manual Bed Indicator, free lab testing, and an Electronic Bed Monitor (EBMv2).

MANUAL BED INDICATOR

Most deep bed systems come equipped with a silver Media Bed Indicator. The device is positioned inside the system at an angle in the direction of the airflow to detect the expiration level of the media. For all deep bed systems

- Dark coloration on the device shows where media has been consumed. Once 75% of the device is discolored, contact the factory to replace the media to ensure its continued proper functioning
- Interested in instant media life notifications? An EBMv2 can be added to a system as an upgrade



ELECTRONIC BED MONITOR (EBMv2)

The EBMv2 is an additional feature that can be equipped on units (above 8,500 CMH (5000 CFM) or .3 m (6 ft) in diameter) if requested.

- Transmits results wirelessly or wired
- Provides odor control accuracy and system reliability
- Facilitates advanced scheduling for media changeout
- Avoids contaminant breakthrough
- Alerts user when media is approaching end of life

MEDIA SAMPLE TESTING

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 manufacturers media. To take advantage of this testing, please collect media samples as indicated in the directions below. Although the media is nontoxic, it is advised to wear a dust mask, gloves, and safety goggles while following these instructions, so any 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 (two cups of media is required for all media). Place media sample in a plastic bag (sandwich size zip top bag is optimal).
3. Repeat steps one and two 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 lab analysis. (See address at bottom of the page).



FOR CARTRIDGE SYSTEMS:

1. Choose a cartridge from the center of the system. Open the cartridge (follow instructions for PP12 vs PP18), and transfer 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 (two cups are required for all media). Place media sample in a plastic bag (sandwich size zip top bag is optimal).
3. Fill each cartridge back up with the media that was poured into the bucket/pan. Place it back into the system.
4. Ship all media samples to PureAir Filtration for remaining life lab analysis.

Below is the information that is required to test media. Write this information on each 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
6700 Dawson Blvd.
Bldg #3
Norcross, GA 30093