

Odor Control Solutions



PureAIR
FILTRATION



The most reliable, customizable, advanced solutions in the industry

No one solution meets the varied needs of different odor control applications. Understanding the unique needs of different applications and responding with designs to fit your needs is PureAir Filtration's specialty.

Our six odor control solution products feature:

- Multiple materials of construction to fit the client's need and budget – Fiberglass Reinforced Plastic (FRP), Stainless Steel, Aluminum, High-density polyethylene (HDPE)
- Multiple, engineered and high capacity adsorbent medias in each unit to capture all odors
- Preconditioning of the air to optimize the system performance – standard mist and grease elimination and optional humidity reduction
- Monitoring of the media consumption – two options: the standard visual media bed monitor, or the optional Electronic Media bed Monitor (EBM)

MEDIA BED ROD:



This unit is equipped with a metal Media Bed Rod. The rod is positioned inside the system at an angle against the direction of airflow and detects the expiration level of the media.

- Dark, corroded coloration on rod shows where media has expired. Once half the rod has been corroded, one should contact the factory to replace the media to ensure the proper functioning of the system.
- Interested in instant notification of media life? Ask about our Electronic Media Bed Rod that can be added to your system as an upgrade.

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DRUM SCRUBBER (DS)

The PureAir Drum Scrubber is a completely self-contained vent control system for small-flow odor air streams ranging in volume without prefiltering or mist/grease elimination.

- Typical applications are small and low cost
- Standard Blower: DRAWTHRU
- Standard: High-density polyethylene (HDPE)
Other options: Stainless Steel, Fiberglass reinforced plastic
- Provides airflow up to 2,123.7 CMH (1,250 CFM).



VERTICAL BED SCRUBBER (VBS)

The PureAir Vertical Bed Scrubber (VBS) provides continuous high efficiency air purification for contaminated air streams up to 28,883.1 CMH (17,000 CFM).

- A completely self-contained, vertical airflow unit
- Construction Material: Municipal Standard: Fiberglass reinforced plastic. Industrial Standard: Stainless Steel. Other options: Aluminum
- Potential for air bypass is completely eliminated with the system's vertical airflow
- DRAWTHRU Other option: BLOWTHRU.



PACKED BED SYSTEM (PBS)

The PureAir PBS System is a completely self-contained, horizontal airflow package for up to 9,514.4 CMH (5,600 CFM).

- Low profile, multiple beds, lowest noise
- Construction Material Municipal Standard: Fiberglass reinforced plastic (FRP). Other options: Stainless Steel, Aluminum
- Horizontal configuration
- Easy bulk loading and unloading
- Standard Blower: DRAWTHRU. Other option: BLOWTHRU.



V-BANK TRANSITION SYSTEM (VTS)

The PureAir VTS system is a high-volume, low-maintenance solution for industrial and wastewater odor control.

- High airflow, multiple beds
- Construction Material Standard: Fiberglass reinforced plastic (FRP). Other options: Stainless Steel, Aluminum
- Total solution with customizable beds
- Provides airflows up to 71,358.4 CMH (42,000 CFM)
- Standard Blower: DRAWTHRU Other option: BLOWTHRU.



RADIAL FLOW (RF)

The PureAir Radial Flow System is a round tank design meant for high airflows (above 5,097.0 CMH/3,000 CFM) where footprint is more of a concern than height.

- Provides a high airflow solution in a small footprint
- Construction Material Standard: Fiberglass reinforced plastic (FRP). Other options: High-density polyethylene (HDPE)
- Round tank design that swirls the air through a column of adsorbent media
- Provides airflows up to 45,475.2 CMH (25,000 CFM)
- Standard Blower: BLOWTHRU.



BEAST BIOSCRUBBER (BST)

The PureAir BEAST (Biologically Engineered Adsorbent Scrubber Technology) Bioscrubber System consists of a bioscrubber tower, followed by a polishing unit, to ensure the most efficient removal of even the highest H₂S levels. One system can clean up to 13,592.08 CMH (8,000 CFM) of airflow, and unlike other systems on the market, the BEAST is low maintenance.

- Provides the highest odor removing power (300+ ppm of H₂S)
- Full remote monitoring and notification system
- Advanced biomedium has 10+ years of life.

