

Industrial Odor Control



PureAIR
FILTRATION



Most Reliable, Customizable, and Advanced Solutions in the Industry

No one solution can accommodate the varied needs of odor control applications. Analyzing these needs and responding with custom solutions is PureAir Filtration's specialty.

PureAir has more than 20 years of experience in removing unwanted odors from the environment, preventing complaints from the community and employees.

Our odor control solution products feature:

- Multiple materials of construction to fit each need and budget – Fiberglass Reinforced Plastic (FRP), Stainless Steel, Aluminum, High-Density Polyethylene (HDPE)

- Preconditioning of the air to optimize system performance – standard mist and grease elimination and optional humidity reduction
- Monitoring of media consumption – two options: standard visual Media Bed Indicator, or the optional Electronic Bed Monitor (EBM)
- Most importantly, the highest quality adsorbent media customized to remove target odors

Media Bed Indicator:



Units are equipped with a Media Bed Indicator. It is positioned inside the system at an angle against the direction of airflow to detect the expiration level of media. An Electronic Bed Monitor can be added as a system upgrade.

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PUREAIR'S CHEMICAL ADSORBENT MEDIA

PureAir's adsorbent media is used for gas filtration to target gases, vapors, and odors. PureAir offers a variety of media to all customers to provide the most effective solution at the best cost. The main gases PureAir's adsorbent media target are: Ammonia, Hydrogen Sulfide, Sulfur Dioxide, Nitric Oxide, Formaldehyde, and Chlorine.



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. Provides airflow up to 2,123.7 CMH (1,250 CFM).

- Typical applications are small and low cost
- Standard: High-density polyethylene (HDPE)



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 self-contained, vertical airflow unit, which eliminates the potential for air bypass with the systems vertical airflow
- Construction Material: Municipal Standard: Fiberglass reinforced plastic. Industrial Standard: Stainless Steel. Other options: Aluminum



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).
- Horizontal configuration



V-BANK TRANSITION SYSTEM (VTS)

The PureAir VTS system is a high-volume, low-maintenance solution for industrial and wastewater odor control. Provides airflows up to 71,358.4 CMH (42,000 CFM).

- High airflow and multiple beds
- Construction Material Standard: Fiberglass reinforced plastic (FRP).
- Complete solution with customizable beds



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).
- Round tank design that swirls the air through a column of adsorbent media
- Provides airflows up to 45,475.2 CMH (25,000 CFM)



BEAST™ BIOSCRUBBER (BEAST)

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.

