

Odor Control Solutions

Reliable, Customizable, and Advanced Solutions

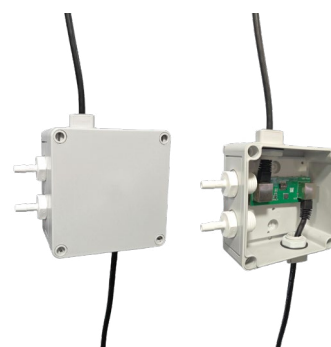
There's no one-size-fits-all approach to odor control. PureAir analyzes each unique challenge and engineers custom, cost-effective solutions that exceed expectations. With over 20 years of experience removing unwanted gases, odors, and vapors, PureAir helps protect the environment while reducing complaints from both the community and employees.

What Sets PureAir Odor Control Solutions Apart:

- A variety of **construction materials** to fit each specific need and budget – Fiberglass Reinforced Plastic (FRP), Stainless Steel, Aluminum, High-Density Polyethylene (HDPE)
- **Air preconditioning** to optimize system performance – includes standard mist and grease elimination with optional humidity reduction
- **Chemisorbant media** made in-house for effective removal of target odors, vapors, and gases
- **Media consumption monitoring** – choose from a standard visual Media Bed Indicator, or upgrade to the LIFEGARD® media bed monitor for advanced tracking



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LIFEGARD® Sensors

PureAir's Chemisorbant Media

PureAir's media is designed for gas filtration, effectively targeting unwanted gases, vapors, and odors. PureAir offers a range of media to ensure customers receive the most effective solution at the best cost. The main gases targeted by PureAir's chemisorbant media are: Ammonia, Hydrogen Sulfide, Sulfur Dioxide, Nitric Oxide, Formaldehyde, and Chlorine.



Drum Scrubber (DS)

The Drum Scrubber is a fully self-contained vent control system designed for small-flow odor air streams, without the need for prefiltering or mist/grease elimination. Provides airflow up to 1,700 CMH (1,000 CFM).

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



Vertical Bed Scrubber (VBS)

The Vertical Bed Scrubber (VBS) provides continuous high efficiency air purification for contaminated air streams up to 28,820 CMH (16,960 CFM).

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



Packed Bed System (PBS)

The Packed Bed System (PBS) is a fully self-contained, horizontal airflow package for up to 9,500 CMH (5,600 CFM).

- Low profile, multiple beds, lowest noise
- Standard Municipal Construction Material: Fiberglass reinforced plastic (FRP).



V-Bank Transition System (VTS)

The V-Bank Transition System (VTS) system is a high-volume, low-maintenance solution for industrial and wastewater odor control, supporting airflows up to 84,101 CMH (49,000 CFM).

- High airflow capacity with multiple beds.
- Standard Construction Material: Fiberglass reinforced plastic (FRP).
- Comprehensive, customizable solution for odor control.



Radial Flow (RF)

The Radial Flow System features a round tank design optimized for high airflows (above 5,100 CMH/3,000 CFM) where minimizing footprint is a priority over height.

- Provides a high airflow solution in a small footprint
- Standard Construction Material: Fiberglass reinforced plastic (FRP).
- Round tank design directs air through a column of chemisorbant media
- Supports airflows up to 42,030 CMH (25,000 CFM)



BEAST™ Bioscrubber (BEAST™)

The BEAST™ (Biologically Engineered Adsorbent Scrubber Technology) Bioscrubber System combines a bioscrubber tower with a polishing unit to ensure the most efficient removal of the highest levels of H_2S . One system can clean up to 15,000 CMH (9,000 CFM) of airflow, and unlike other systems on the market, the BEAST™ stands out with its low maintenance requirements.

- Exceptional odor removing power, handling over 300 ppm of H_2S .
- Full remote monitoring and notification.
- Advanced biomedium with a lifespan of over 10 years.

