

Antimicrobial Solutions Microbe-sorb™



PureAir's Microbe-sorb™ Adsorbent Media Proven to Have Powerful Antimicrobial Properties

Breathe Easy with PureAir Media

PureAir Microbe-sorb™ adsorbent media has our highest concentration of permanganate, along with a proprietary mixture of substances that deactivate over 99% of viruses. PureAir's adsorbent media has been trusted for years by customers to remove gaseous contaminants from industrial and commercial facilities, and now, our newest media has been developed with additional antimicrobial properties to keep environments safe from antigens.

Permanganate has been used in medicinal practices since as early as the 1800s. Since then it has been added to the World Health Organizations list of essential medicines. PureAir's proprietary formulation in Microbe-sorb™ enhances these antimicrobial properties to keep air quality healthy and safe. Rigorous, third-party testing in internationally renowned labs confirms the media to be successful in eliminating 99.83% of the H1N1 virus.



WFI Cert No. 01012



PureAir Microbe-sorb™ promotes a safe environment by killing pathogens, while also improving overall indoor air quality. With over 12% permanganate in the proprietary formulation, it deactivates cold and flu causing viruses. Breathe easy knowing that Microbe-sorb™ is keeping people and resources safe and healthy. Microbe-sorb™ comes in multiple forms, such as granular or pelletized, and can be incorporated into filters and air handling units, in the same way as traditional activated carbon. See more examples and applications on back.

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Customers can purchase loose Microbe-sorb™ media, or they can choose from a variety of sizes and types of filter housings, such as the PP18 Module, Honeycomb Trays, or bonded to Pleated Filters shown above respectively, in order to meet any customer needs, restrictions, and pressure drop parameters. **Contact us** for details.

Purchase A Full PureAir System for the Ultimate Virus Protection

PureAir's PFU (Packaged Filter Unit) with PureAir Media

The PureAir PFU offers a self-contained, moveable unit that provides a quick and easy way to protect any environment from pathogens by simply plugging it into the wall. The system draws in contaminated air at the bottom, running it through internal modules filled with Microbe-sorb™ media and sending purified, healthy air back into the room.

- Low energy consumption
- Low noise
- MERV 8 (G4) Dust Prefilter
- PureAir Microbe-sorb™ chemical adsorbent media in low pressure holding frames
- HEPA Intermediate Filter
- Final filter made with FiberShield™ antimicrobial fabric
- Provides protection for any room, see sizing guide below
- Variable control of airflow



System Specifications		
	PFUMini	PFUMobile
Airflow	500 cfm (850cmh)	1000 cfm (1700 cmh)
Molecular Filtration Media	1 ft ³ / 28 L (~50 lbs / 23 kg)	4 ft ³ / 113 L (~200 lbs / 91 kg)
Mobile	Yes	Yes
HEPA Filter	Yes	Yes
Antimicrobial Filter	Yes	Yes
Coverage Area	2000 ft ² (186 m ²)	4000 ft ² (372 m ²)

PureAir also offers larger systems with Microbe-sorb™ media if needed. Contact factory for more details.

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