

# Side Access Housing (SAH)

PureAir's Side Access Housing (SAH) system provides horizontal airflow with a compact footprint relative to airflow capacity. It delivers continuous, high-efficiency air purification for air streams ranging from 500-40,000 CFM across low to high contamination levels. This system is known for its quick access doors that create a low maintenance profile when media and filter changeouts are needed.

The SAH uses disposable PurePak™ Modules and Matrix™ Filters. PP18 Modules are designed to handle low to medium contaminant levels, but medium to high contaminant levels require PP12 Modules due to the higher residence time.

The SAH is PureAir's most customizable system, offering up to four media passes, passive, single, or redundant blowers in an array of sizes, materials, and configurations.

## Specifications:

<b>Construction Material</b>	<b>Standard:</b> Cold-rolled steel <b>Other Options:</b> Aluminum, 316 or 304 SS, FRP
<b>Particulate Filtration</b>	2", MERV 8 First Filter 4", MERV 13 Final Filter
<b>Blower Configuration</b>	<b>DRAWTHRU (standard):</b> Keeps the blower in clean air for longer life and reduced maintenance <b>BLOWTHRU (optional):</b> Lowers blower noise for quieter operation <b>Redundant Blower (optional):</b> For passive operation
<b>Optional Add-Ons</b>	Sound Enclosure Mist and Grease 6" and 12" Filters Bag Filters Double wall Rain louver Damper Weatherproofing



## Key Benefits

- *Integrated particulate filter*
- *Connects seamlessly to existing HVAC systems*
- *Simplifies filter changeouts with side access doors*
- *Disposable modules for easy installation and changeout*
- *Positive seal design prevents air bypass and maximizes contaminant removal*
- *Highly customizable system*





PurePak™ 18 Half Module



PurePak™ 12 Half Module



Matrix™ Filter

### Notable Customers:

- ATK Missile
- Bass Museum of Art
- Baylor University
- Boston Scientific
- CNN Center
- Cargill
- Conagra Foods, Inc.
- Dubai Airport UAE
- Dannon
- Gansen, Germany
- George Washington University Hospital
- Harvard McKay Lab
- Houston Airport
- Nestle
- New York Public Library
- San Diego Airport
- Shamrock Farms WWTP
- Under Armour



### LIFEGARD® Media Bed Monitor

For real-time updates on media life, consider the LIFEGARD® as a system upgrade.

PureAir's® LIFEGARD® media bed monitor introduces cutting-edge technology in media monitoring, marking the latest advancement in realtime media consumption measurement. Building on the success of the original monitor, the LIFEGARD® monitor offers enhanced continuous monitoring and an advanced electronic notification system, ensuring optimal predictability and planning for maintenance.



Copyright ©2026 by PureAir® Filtration; All Rights Reserved. LIFEGARD® is a trademark owned by PureAir® Filtration. The LIFEGARD® media bed monitor is protected by US Patent 12,312,548 issued to PureAir® Filtration 5/27/2025 by the US Patent Office.