

PRODUCT BULLETIN

PURAFIL OUTDOOR POLLUTION & CORROSION BLEND

Purafil Custom Media Blends

Are you ready for a custom solution that eliminates the gases that activated carbon leaves behind? A one-size-fits-all solution won't cut it, which is why Purafil specially engineered custom blends to address the unique problems you face while permanently removing gases—even the ones carbon can't remove—from the air. This is done through chemisorption, which chemically transforms gases into harmless solids that remain trapped inside the media.



Outdoor Pollution & Corrosion Blend

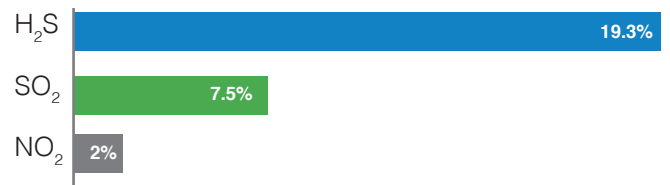
Our Outdoor Pollution & Corrosion media blend specifically targets common corrosion-causing gases and outdoor pollutants, which allows for a more effective removal of these damaging gases and contaminants.

- Ideal for use in:
 - Commercial Buildings
 - Hospitals & Healthcare Facilities
 - Hotels & Casinos
 - Airports
 - Educational Institutions
- Available in:
 - Purafil High Efficiency (HE), V-Bank, Canisters, Modules, Boxes, Sling Bags
- Target Gases: H₂S, SO₂, O₃, NO₂, VOCs

APPLICATION GUIDELINES

Temperature	-4°F to 125°F (-20°C to 51°C)
Humidity	10 - 95% RH
Air Speed	60 - 500 fpm (0.30 - 2.54 m/s)
Performance	99.5% (min) initial removal efficiency in Purafil systems
Bulk Density	40 lb/ft ³ (0.65 g/cc) ±5%

Removal Capacity by Weight



Engineering Specifications

1.0 Media Performance

- 1.1 Shall be the proprietary Purafil® engineered media blend designed for Outdoor Pollution & Corrosion removal
- 1.2 Engineered media shall use chemisorption process to chemically transform contaminant gases into inert solids trapped inside the media, removing gases permanently from the air, unlike activated carbon
- 1.3 Engineered media shall be rated to withstand a continuous operating temperature of up to 125°F
- 1.4 Engineered media shall come in a factory-sealed delivery device from Filtration Group
- 1.5 Media Life Analysis (MLA) shall be conducted to determine remaining usable life