

VaporSorb™ AM8 Filters

AMC + MERV combination filters provide protection against a full range of acidic, basic, and organic gas contaminants as well as particulate contamination

Electronic equipment is sensitive to both gas-phase, airborne molecular contamination (AMC), and particulate contaminants, both of which can corrode and degrade equipment performance.

The VaporSorb™ AM8 filter is a combination of AMC filter media with MERV 8 rated particle removal media in a disposable form factor. A single VaporSorb AM8 filter can be used in different applications with light to moderate contaminant levels to remove acidic and organic contaminants, odors, and particulates.

The upstream MERV 8 media layer provides an efficiency rating of 70% for the removal of particles sized 3 µm to 10 µm in accordance with ANSI/ASHRAE Standard 52.2-2017. The downstream AMC layer utilizes treated, activated carbon for removing odors and corrosion-causing acidic and organic gaseous contamination. Initial removal efficiency for those is typically in the 90% range.

The rigid, high wet-strength beverage board filter frame makes VaporSorb AM8 filters a light-weight solution that is ideal for protecting sensitive equipment.

APPLICATIONS

- Data centers
- Odor control
- Particle control
- Industrial processes
- Ambient air streams



FEATURES & BENEFITS

Lab tested protection from strong and weak acids, as well as organics and bases

Reduces odors and equipment corrosion
Improves worker comfort and alleviates health concerns

AMC and particle removal tested against ASHRAE Test Standard 52.2

Provides validation of actual MERV 8 efficiency rating
Verifies high dust holding capacity

Filters are application specific, with optimized blend of adsorbents through *See it. Control It.* data support

Identifies, targets, and removes contaminants of concern for each application
Minimizes media waste, extending filter lifetime; ongoing data support to determine filter lifetime

Product is backed by Entegris ISO 17025-accredited Analytical Services labs

Allows in-field AMC measurements of identified contaminants and their concentrations
Assurance of actual contaminant challenges and verified filter performance claims

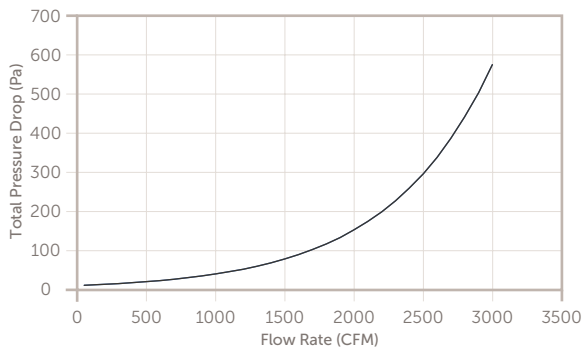
SPECIFICATIONS

Typical size*	60 cm × 60 cm × 10 cm (24" × 24" × 4")
Targeted air flow	1700 – 3400 m ³ /h (1000 – 2000 cfm)
Targeted face velocity	1.2 – 2.5 m/s (250 – 500 ft/min)
Weight	2.7 kg (6 lb)

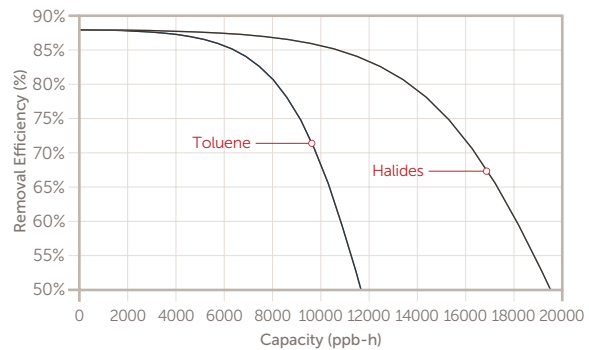
*This is a nominal filter dimension. Entegris manufactures a wide variety of filter sizes and will meet actual customer requirements. Weight will vary accordingly with size.

PERFORMANCE DATA

Pressure Drop Estimate



Chemical Performance Estimates @ 2.54 m/s (1700 CFM)



FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit entegris.com and select the [Contact Us](#) link to find the customer service center nearest you.

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