



## VAPORSORB™ CLEANROOM AMC FILTERS

*Superior protection against airborne molecular contamination*

### Overview

The VaporSorb™ CSP family of hybrid chemical air filters are designed to offer superior protection for advanced semiconductor manufacturing environments at sub-65 nm nodes. CSP filters are laboratory and field proven for use in semiconductor manufacturing environments, including lithography, etch, CMP, metrology and reticle storage areas.

CSP filters help reduce the levels of unwanted Airborne Molecular Contaminants (AMCs) in the cleanroom, reducing exposure of tool filters to excessive contamination levels and resulting in extended tool filter service life. CSP filters also help reduce levels of regulated species to levels at or below those specified by tool OEMs.

The CSP filters are designed using our extensive database of cleanroom ambient levels to provide maximum effectiveness and contaminant removal.



*Cleanroom AMC filter*

### Features and Benefits

- A unique blended media with greater surface area removes a comprehensive array of AMCs in a single filter cell
- Custom blends available to meet a specific list of target AMCs
- High removal efficiency (>95%)
- Long life
- Field tested and proven
- Low pressure drop reduces energy costs
- Can be installed in built-up front/rear-access frame banks or side access housings or in ceiling-mounted fan units
- Materials of construction certified zero off gas

### Specifications

	<b>Model 242412</b>	<b>Model 122412</b>
Rated air flow:	2000 CFM at 500 ft/min face velocity (2.54 m/s)	1000 CFM at 500 ft/min face velocity (2.54 m/s)
Height:	592 mm (23.312")	287 mm (11.312")
Width:	592 mm (23.312")	592 mm (23.312")
Depth:	287 mm (11.312")	287 mm (11.312")
Weight:	14.5 kg (32 lb)	9.1 kg (20 lb)
Airflow resistance:	0.35" water gauge @ 500 ft/min (2.4 m/s)	0.35" water gauge @ 500 ft/min (2.4 m/s)
Maximum operating temperature:	49°C (120°F)	49°C (120°F)

## For More Information

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit [www.entegris.com](http://www.entegris.com) and select the Customer Service link for the center nearest you.

## Terms and Conditions of Sale

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