

## Chemical Filter Series (Acidic/Alkaline/Organic)

Mini-Pleat Separator Type



The **ChemArrest Filter Series** from Cambridge is leading the way in Airborne Molecular Contamination (AMC) control. Each filter media layer targets either acidic, organic or alkaline (base) contaminants. For extreme concentration or space requirements, multi-layer **ChemArrest** media can be housed within a single frame to target any or all acidic/basic/organic contaminants. The **ChemArrest Filter Series** is available in mini-pleat and separator type. Mini-pleat types are used in FFUs and semiconductor process equipment. Separator types are popular for cleanroom recirculation and makeup air treatment.

### Features:

- Very effective at neutralizing target acids, bases and organics
- Low pressure drop
- Minimal particle emission
- Carefully selected components to prevent secondary contamination
- Long service life (varies based upon target concentration)
- Media may be layered to target multiple contaminants

*At Cambridge... The little things matter.™*

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Mini-Pleat

Separator Type

Medium

### Product Comparison Table

Model	Application	Sample Target Contaminants
CB□□-A□-□	Acid Removal	Sulfuric Acid, Hydrogen Sulfide, Hydrogen Chloride, Hydrogen Fluoride, Nitrogen Dioxide, Boric Acid, Phosphoric Acid, Formic Acid, Acetic Acid, Methyl Mercaptan
CB□□-B□-□	Alkaline (Base) Removal	Ammonia, Trimethylamine, Organic Bases (e.g. NMP)
CB□□-C□-□	Organic Compound Removal	Benzene, Toluene, Xylene, Styrene (Solvents), Phthalate Esters (e.g. DOP, DBP, DEP), Phosphate Esters (e.g. TBP, TEP, TMP), Fatty Acid Esters (e.g. Ethyl Stearate), Cyclic Siloxanes (e.g. D3-11), Phenol Antioxidants (e.g. BHA, BHT), Organic Bases (e.g. NMP), Organic Compounds such as Organic Acids, Alcohols, Aldehydes, Ozone, Sulfuric Acid, Methyl Disulfide

### Component Materials / Usage Specifications

Model		CBM□-□-□	CBL□-□-□	CBA□-□-□
Component Materials	Media	Non-Woven Media + Granular Activated Carbon		Non-Woven Media + Granular Activated Carbon + Medium Efficiency Non-Woven Media
	Separator	—	Aluminum	Steel Wire + Galvanized Faceguard
	Frame	Aluminum	Aluminum	Galvanized Steel
	Frame Finish	Anodized Aluminum + Clear Acrylic Coating		—
	Sealant	Hot Melt Resin		Mechanical Seal by Media
	Gasket	EPDM (Downstream Face)		Urethane (Upstream and Downstream Faces)