



United Air Specialists, Inc.

a CLARCOR company

Cartridge Filters



DUST COLLECTOR REPLACEMENT FILTERS

Clean air. It's what we do.™

Cartridge Filters

PRECISION
ENGINEERED
to offer superior
performance in
ALL BRANDS of
dust collectors.

RECOGNIZED NAME IN INDUSTRIAL AIR CLEANING

For nearly 40 years, United Air Specialists (UAS) has been an established leader in the industrial air cleaning market. Satisfied customers in the United States and around the world have chosen UAS as their clean air solutions provider for a broad range of air filtration needs, including replacement cartridge filters.

In addition to manufacturing dust collectors, United Air Specialists offers a complete line of high-performance replacement filters that are compatible with *virtually every major brand* of dust collection equipment. Available in a wide range of media blends and sizes, these superior cartridge filters effectively perform in the most rugged industrial environments and provide efficiency up to 99.999%.

UAS FILTERS ARE KEY TO EQUIPMENT PERFORMANCE

When selecting a cartridge, it's important to choose a high-quality, long-lasting filter to complement your dust collection equipment. So, not just any filter will do. You need a precision-engineered UAS cartridge replacement filter, designed to maximize the performance of any dust collector.

Reliable and fundamental to the composition of dust collection equipment, UAS filters actually enhance a units' cleaning capabilities. That's why we not only recommend UAS-manufactured replacement cartridges for other name-brand dust collectors, but entrust these filters in our own superior equipment.



Model SFC bag-out collar filter change



V Series downdraft bench filter change



Clean air. It's what we do.™



QUALITY DESIGN AND MANUFACTURING

At UAS, we design and manufacture cartridge filters to meet as well as exceed specifications for construction and performance. You can count on us for quality assurance from concept to finish, because we thoroughly examine raw materials used to make our filters, work in process and finished products to ensure our customers receive the highest standards possible.

QUALITY CONSTRUCTION FEATURES

- Finished metal component surfaces ensure resistance to caustic and abrasive environmental conditions.
- Expanded inner and outer retainers are 72% open to provide significant structural integrity while minimizing restriction of airflow.
- Galvanized end caps prevent oxidation in normal conditions as well as resist deterioration in severe environments. Optional materials, such as stainless steel, are also available.
- Polyisoprene, neoprene and silicone gaskets are available as necessary to meet application requirements.

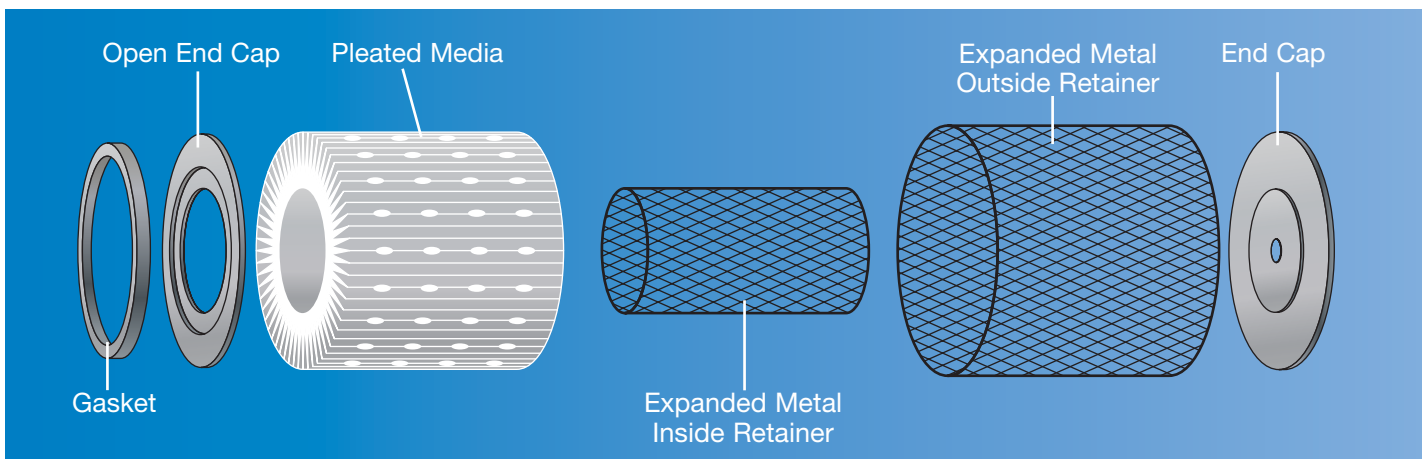


STANDARD MEDIA COMPOSITIONS








UAS' standard cellulose-polyester blend media can be used in most applications, as it provides efficiency and performance levels equal to the most stringent requirements where ultrafine or abrasive particulate exists. This unique media blend offers high-strength, durability and extremely high efficiency (99.9% on .5 microns).

SYNTHETIC MEDIA COMPOSITIONS

In cases of high temperature (275°F), chemical or extraordinary harsh environmental conditions, we recommend our synthetic media filters. Synthetic media is available in a polyester fiberglass blend, standard spun-bonded polyester with aluminized finish and spun-bonded polyester with a PTFE membrane to increase efficiency and enhance dust release.



UAS CARTRIDGE FILTERS

	Cartridge	Media *	Unique Characteristics	Applications	Washable	Max. Temp.	UAS Units
	Supra-Net	Composite cellulose and polyester fiber blend.	For most applications. Standard filters included in base units.	<ul style="list-style-type: none"> • Abrasive blasting • Carbon black • Powder paints • Dry chemical processing • Pharmaceuticals 	No	180°F	BDC, FFBW, FJH, FJL, FJS, FPH, MCB, SBS, SBD, SC, SCA/SCB, SFC, V
	Supra-Net-FR	Composite cellulose and polyester fiber blend treated to be fire retardant.	For applications where live sparks could enter the dust collector. Will not suppress fires if collected materials are combustible.	<ul style="list-style-type: none"> • Welding • Flame cutting • Plasma cutting • Laser cutting • Metal spraying • Ferrous metal grinding 	No	180°F	BDC, FFBW, FJH, FJL, FJS, FPH, MCB, SBS, SBD, SCA/SCB, SFC, V
	Supra-Fibrous	Composite cellulose and polyester fiber blend with wide-pleat spacing for better dust release.	For applications where larger or irregularly shaped particles may enter the dust collector.	<ul style="list-style-type: none"> • Fiberglass and composites grinding • Leather finishing • Grain handling • Buffing • Tobacco processing • Wood sanding 	No	180°F	BDC, FFBW, FJH, FJL, FJS, FPH, MCB, SBS, SBD, SCA/SCB, SFC, V
	Supra-Fibrous-FR	Composite cellulose and polyester fiber blend with wide-pleat spacing for better dust release that is treated to be fire retardant.	For applications where larger or irregularly shaped particles may enter the dust collector.	<ul style="list-style-type: none"> • Coarse grinding of ferrous metals 	No	180°F	BDC, FFBW, FJH, FJL, FJS, FPH, MCB, SBS, SBD, SCA/SCB, SFC, V
	Supra-Fibrous-W	Composite polyester and fiberglass fiber blend with wide-pleat spacing for better dust release.	For applications with larger particles or with hygroscopic or agglomerative dusts. Filters can be washed and reused.	<ul style="list-style-type: none"> • Salt • Sugar • Clay • Cocoa • Coffee • Detergents • Milk powder • Stearates 	Yes	275°F	BDC, FFBW, FJH, FJL, FJS, FPH, SBS, SBD, SCA/SCB, SFC
	Supra-Release-P	Spun-bond polyester blend.	For applications where high-strength media and excellent release characteristics are required.	<ul style="list-style-type: none"> • Cardboard • Cement • Cocoa • Coffee • Paper • Rubber grinding 	Yes	245°F	BDC, FFBW, FJH, FJL, FJS, FPH, SBS, SBD, SCA/SCB, SFC, V
	Supra-Release-T	Spun-bond polyester substrate with a Teflon surface membrane.	For applications demanding extremely high filtration efficiencies or difficult dust cake release requirements.	<ul style="list-style-type: none"> • Food • Asbestos • Pesticides • Fluidized bed dryers • Agglomerating materials 	Yes	245°F	BDC, FFBW, FJH, FJL, FJS, FPH, SBS, SBD, SCA/SCB, SFC

Other media or custom pleat spacing is available to meet the specific needs of any application. All blends are high-efficiency and proprietary.

*FR—Fire Retardant

*W—Washable

*P—Polyester Blend

*T—Teflon Surface

COMPETITIVE ADVANTAGES

Long-Lasting Filter Life —

Because UAS cartridge filters consist of a proprietary blend of synthetic and cellulose fibers, they provide maximum filtration efficiency up to 99.999%. This unique media combination actually stabilizes moisture to allow for ultimate dust collecting capabilities and a wider range of filter applications.



High Quality—UAS filters are designed with galvanized steel end caps, which are bonded to the media, forming a solid unit assembly that resists deterioration. This sturdy construction ensures high-performance durability in the harshest industrial environments.

Superior Performance—UAS' replacement filters are precision engineered to provide uniform spacing between pleats, enabling maximum dust release during pulsing. This also ensures dust is collected evenly and the entire surface area of the filter is used to full capacity.

EXCELLENT CUSTOMER SERVICE

Whether you have a UAS dust collector or another brand, our experienced Field Representatives or Customer Service Associates can assist you in selecting the right cartridge filter to fit your unit and application.



MEETING ALL YOUR FILTRATION NEEDS

United Air Specialists' parent company, CLARCOR, is among the world's largest filtration manufacturers, with more than 80,000 types of filter products. As a member of the CLARCOR family, we are able to assist you with solutions for *all* your filter needs, not just replacement cartridges. Call on UAS for envelope filters, box filters, HEPA filters, carbon filters, oil impingement pads and much more.

WHY CHOOSE UNITED AIR SPECIALISTS?

A world-renowned reputation. For nearly 40 years, we've been the industry leader in air quality technology — a proven track record that speaks for itself.

Commitment to quality products. Measuring our quality against documented expectations, we practice continuous improvement methods to anticipate challenges and implement successful solutions.

Unparalleled customer support. As a customer-driven solutions provider, we earn credibility and establish successful relationships by exceeding expectations for professional service and attitude.

Innovative technical leadership. Always, we keep technology at the forefront — ensuring continuous product advancements through ongoing investments in design and manufacturing.

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