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a CLARCOR company



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V SERIES



Model VP



Model VB



Model VF

*Clean air. It's what we do.®*

VERSATILE/PORTABLE CARTRIDGE DUST COLLECTORS

# V Series

Your Most  
VERSATILE and  
ECONOMICAL  
Solution  
for CAPTURING  
DUST and DRY  
POLLUTANTS.

## ALL-PURPOSE DUST COLLECTOR

If you're looking for a versatile, cost-effective alternative for eliminating fumes and dust in your factory, look no further than United Air Specialists' V Series. This innovative cartridge dust collection system is specifically designed to capture the smoke, dust and powders that result from a variety of manufacturing operations.



Model VP-1500 (Portable)

With a choice of two compact, low-profile sizes—750 or 1,500 CFM—the V Series truly is the most economical solution for cleaner factory air.



## A WIDE RANGE OF APPLICATIONS

The versatile and compact V Series is ideal for applications including:

- Metalworking
- Buffing
- Grinding
- Polishing
- Blending
- Filling
- Material Handling
- Packaging
- Screening
- Weighing
- Finishing
- Sanding
- Sawing
- And more

## IMPROVES PRODUCTIVITY AND REDUCES MAINTENANCE

The V Series is available in three configurations: an integrated downdraft bench, a portable unit with swing arm and a free standing system. Installation is simple, requiring an electrical connection and a compressed air connection for the in-place cleaning option.

Most importantly, because the V Series removes dangerous contaminants that can cause respiratory problems, it helps your factory comply with OSHA regulations and may reduce lost work time. Plus, it prevents dusts from migrating to areas with sensitive electrical and mechanical equipment—reducing facility maintenance, too.

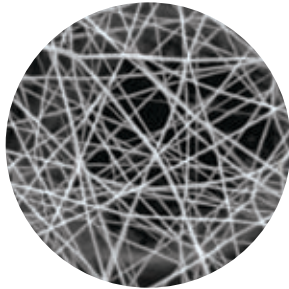


Clean air. It's what we do.®



## ADVANCED NANOFIBER CARTRIDGE FILTERS

All V Series dust collectors come with the industry's best performing, most efficient standard cartridge filter. Certified at \*MERV 15, UAS Advanced Nanofiber cartridge filters last 50% longer than 80/20 filters, and provide effective sub-micron particle removal. What makes UAS' filters unique is that they feature a surface treatment of synthetic fibers that traps particulate before it can embed deep into the filter media. This filter surface-loading characteristic provides cleaner air, lower pressure drop and greater energy savings.

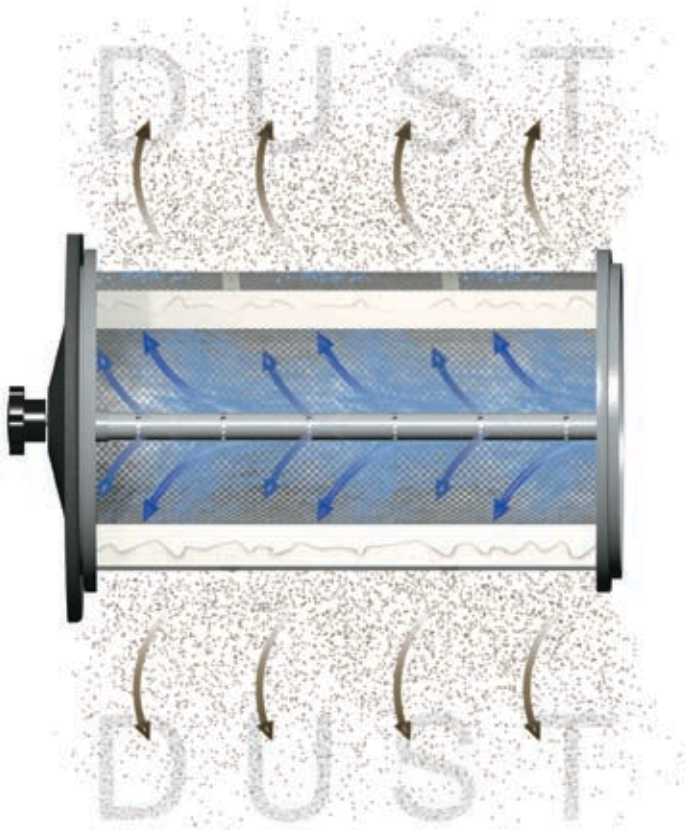


Advanced Nanofiber Filtration Technology at 10,000x



Advanced Nanofiber cartridges are standard with all units.

## V Series *PULSE BLAST*



## STANDARD FEATURES

- Available with a high-efficiency Advanced Nanofiber cartridge filter.
- Auto-cleaning function automatically cleans filter after unit is shut off.
- Unique acoustic sound attenuation ensures quiet operation below 82 dBA.
- Assembled system is ready for use.
- Fast, tool-free filter change-out for easy inspection and maintenance.
- Powder coated finish on all components prevents fading and chalking.
- Large-capacity dust drawer offers easy dust removal and disposal.
- Pressure gage indicates when filter requires replacement.

\* The MERV (Minimum Efficiency Reporting Value) system is based on ASHRAE Standard 52.2-1999 and has been deemed the most accurate scale for determining a cartridge filter's efficiency and ability to filter submicron dust particles. UAS' MERV 15 efficiency has been tested per this standard and certified by independent lab testing.

## DOWNDRAFT BENCH

### MODELS VB-750 AND VB-1500\*

The V Series downdraft bench is specifically designed for applications where workers need an integrated collection area and work surface that also draws contaminants away from the worker's breathing zone. Model VB is ideal for grinding and finishing operations of small parts and components.

### KEY OPTIONS

- Scratch-resistant and metallic grill work surfaces
- 5" casters for increased mobility
- HEPA filter
- Carbon after-filter
- Stainless-steel construction

Heavy-duty work surface supports up to 75 lb/sq ft.

Ergonomically designed for operator comfort.

Side wings and back panels can be easily removed to accommodate larger work pieces.

Even air distribution provides effective dust control over the entire work surface.



VB-1500

Dust drawer release for easy removal.



VB-750



Panels can be easily removed for large parts.

\* UAS also offers a 2,500 cfm downdraft bench with larger work surface. Ask about model SDB.



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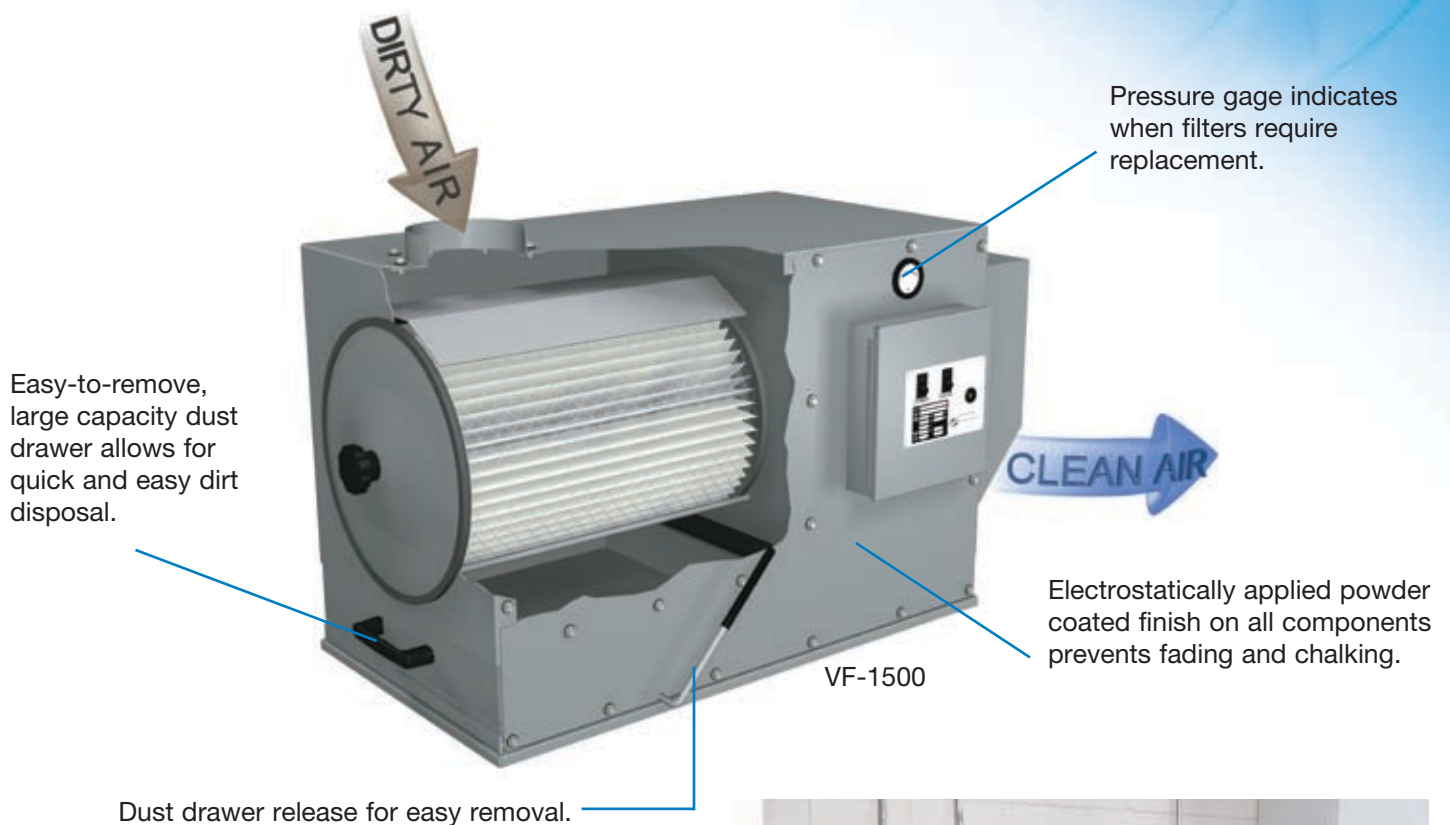
## SELF-CONTAINED SYSTEM

### MODELS VF-750 AND VF-1500

Serving as the airflow and filtration source for an entire system, this self-contained system is the perfect choice for economical and efficient dust collection. Ideal for ducted operation, the VF system's small cabinet makes it easy to position close to the dust source—saving valuable floor space.

### KEY OPTIONS

- 5" casters for increased mobility
- HEPA filters
- Carbon after-filters
- Stainless-steel construction



Easy-to-remove and dispose dust drawer.



VF-750

## PORTABLE SYSTEM

### MODELS VP-750 AND VP-1500

The V Series portable dust collector is ideal for applications where large pick-up hoods are impractical, where dust and smoke-producing machinery is used intermittently and where employees move from one work station to another. By positioning the swing arm and hood directly over the smoke or dust, Model VP removes harmful contaminants before they enter a worker's breathing zone.

### KEY OPTIONS

- 7', 10' and 14' long industrial swing arms
- HEPA filter
- Carbon after-filter
- Stainless-steel construction

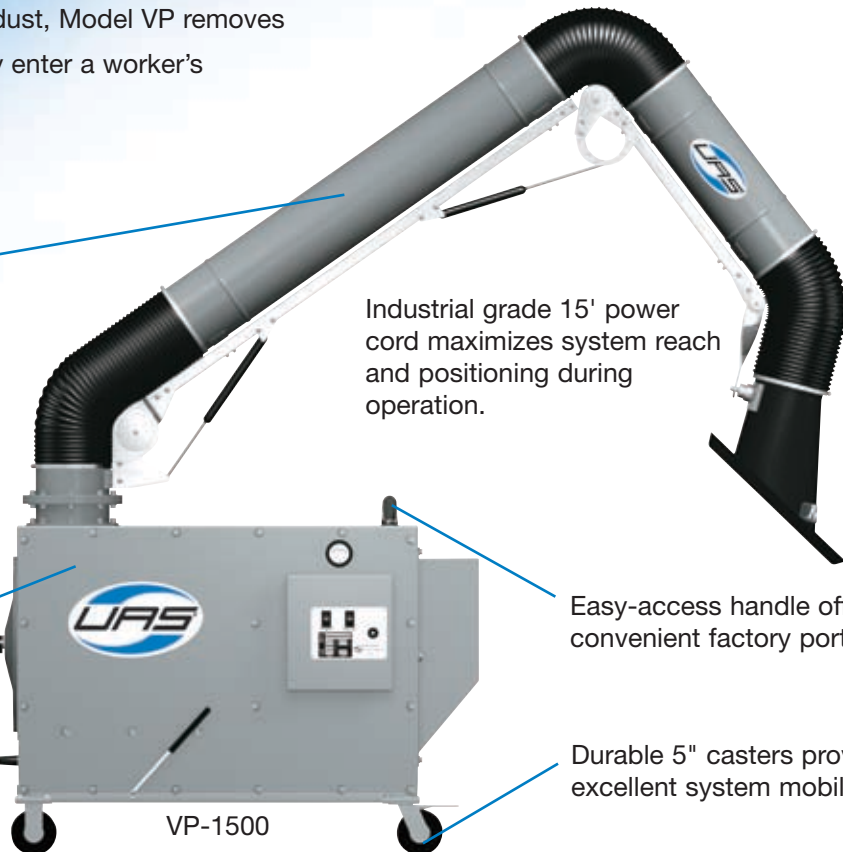
High-quality swing arm features unique hood design for superior fume collection.

Industrial grade 15' power cord maximizes system reach and positioning during operation.

Low-profile cabinet provides low center of gravity for easy maneuverability and arm positioning.

Easy-access handle offers convenient factory portability.

Durable 5" casters provide excellent system mobility.



VP-1500



Fast, tool-free filter change-out.



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# SPECIFICATIONS

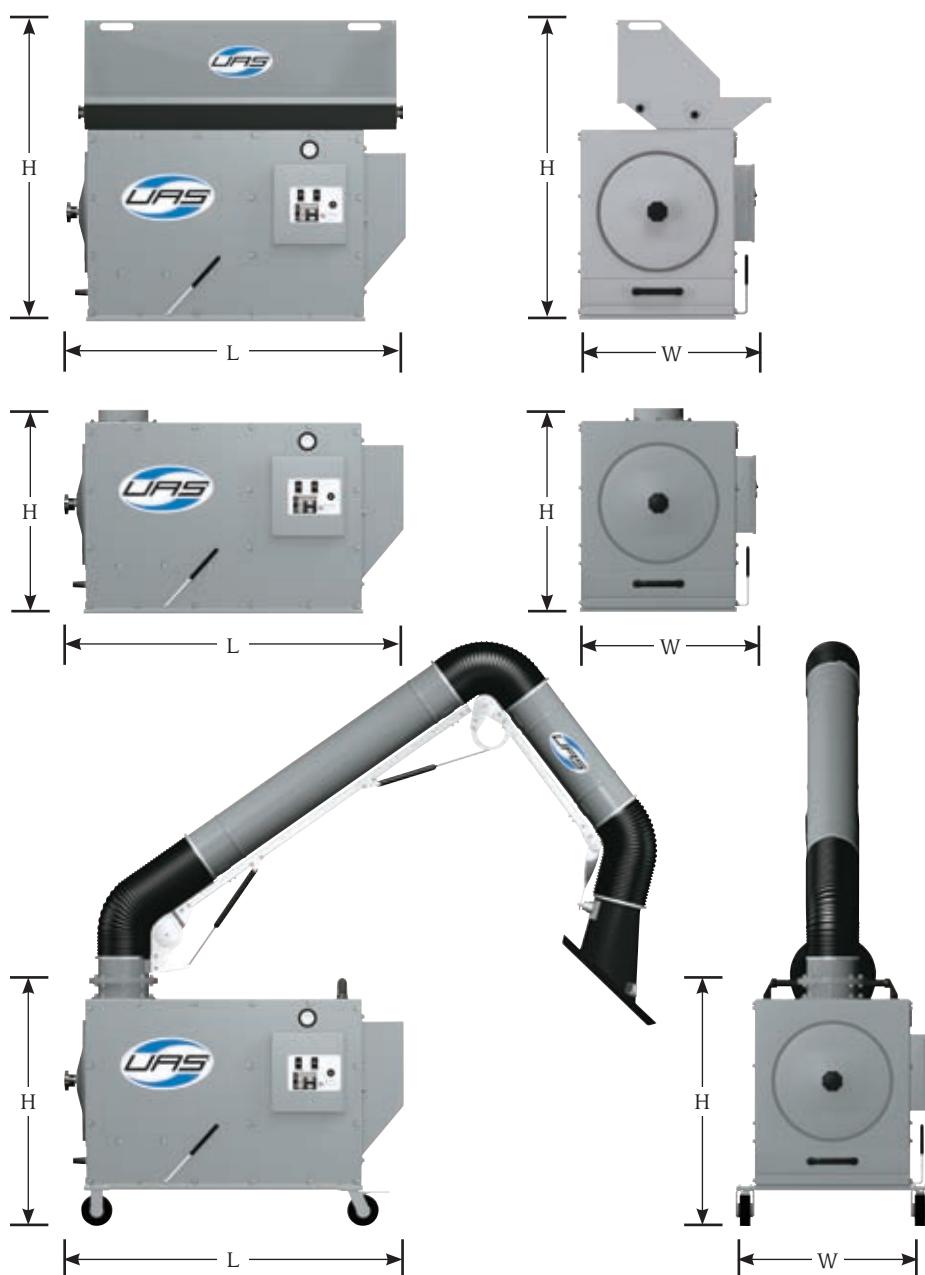
Model	Nominal Airflow (CFM)	Filter Area (ft. <sup>2</sup> )	Sound* Level (dBA)	Motor** (HP)	SCF Per Pulse	Drawer Capacity (Cubic ft.)	Dimensions			Shipping Weight (lbs.)
							Length (in.)	Width (in.)	Height (in.) (lbs.)	
VB-750	750	141	79	1.5/3.0	1.1	.631	38-13/16	30-1/4	46-13/16	385
VB-1500	1500	283	77	1.5/3.0	1.3	1.242	52-3/4	30-1/4	46-13/16	485
VF-750	750	141	74	3.0	1.1	.631	38-13/16	27-7/16	31-3/4	342
VF-1500	1500	283	81	3.0	1.3	1.242	52-3/4	27-7/16	31-3/4	425
VP-750	750	141	74	1.5/3.0	1.1	.631	38-13/16	30	38-9/16	402
VP-1500	1500	283	81	3.0	1.3	1.242	52-3/4	30	38-9/16	502

\*Units tested in accordance with AMCA 300 at 5'.

\*\*Horsepower is dependant upon flow requirement and can vary within model size.

Motor HP	Power Supply	Amp Draw
1.5	115/1/60	15
1.5	230/1/60	7.5
1.5	208/3/60	4.9
1.5	230/3/60	4.6
1.5	460/3/60	2.3
1.5	575/3/60	1.8
3	208/3/60	8.1
3	230/3/60	7.6
3	460/3/60	3.8
3	575/3/60	3.0

## MODEL DIMENSIONS



### MODEL VB

Practical bench provides an integrated collection area and work surface.

#### Work Surface Dimensions

VB-750: 32-1/8" x 24"

VB-1500: 48-1/2" x 24"

### MODEL VF

Small, ducted system for capturing dust at the source.

### MODEL VP

Portable unit used in applications where hoods are impractical.



## WHY CHOOSE UNITED AIR SPECIALISTS?

**A world-renowned reputation.** For more than 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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