



Ambient Collector
with HEPA

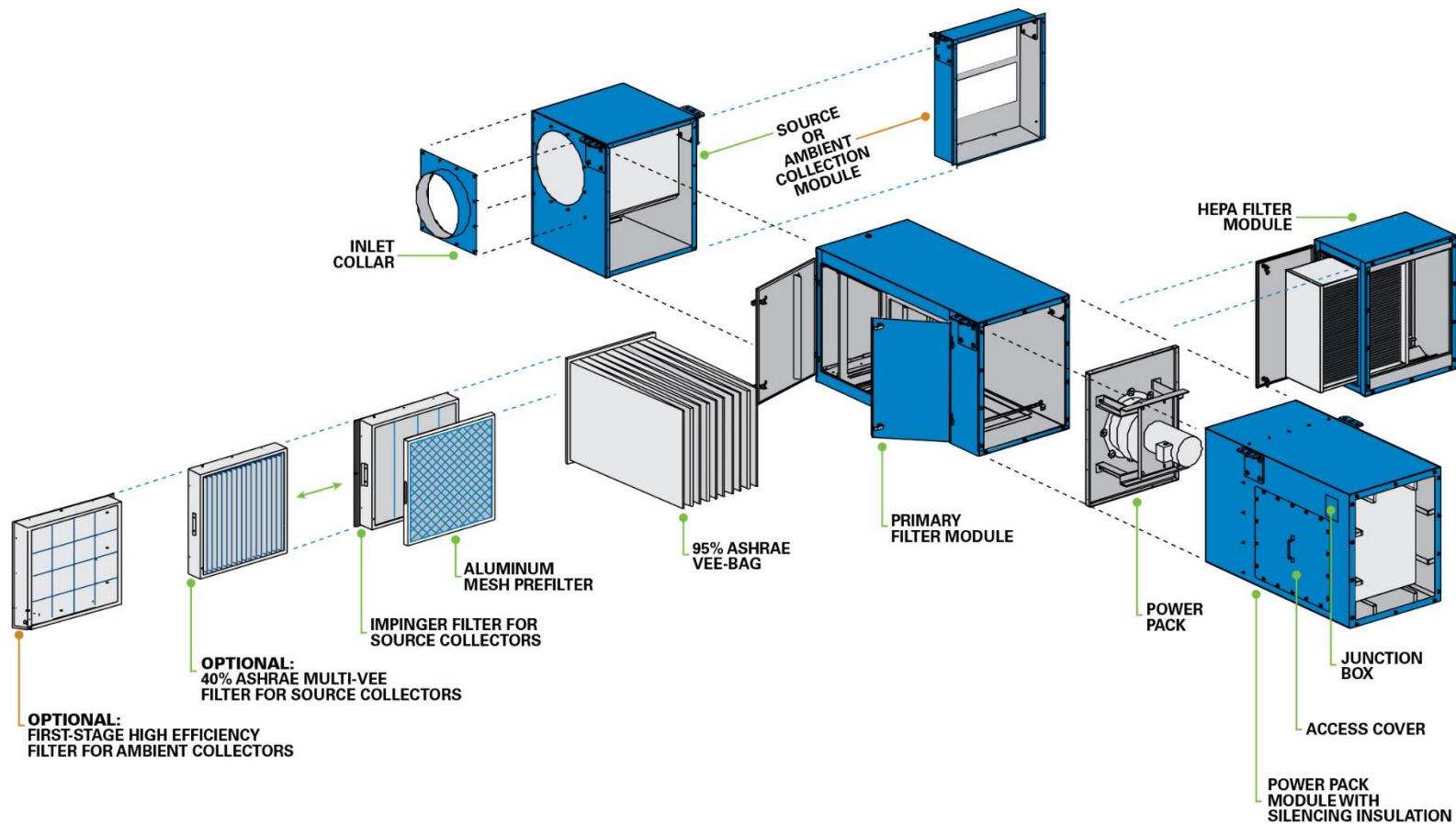


Source Collector
with HEPA

High performance mist collectors for ambient or source capture designed to filter mist, smoke, dust, fume, and odors from grinding, wet machining, soldering and other metalworking applications.

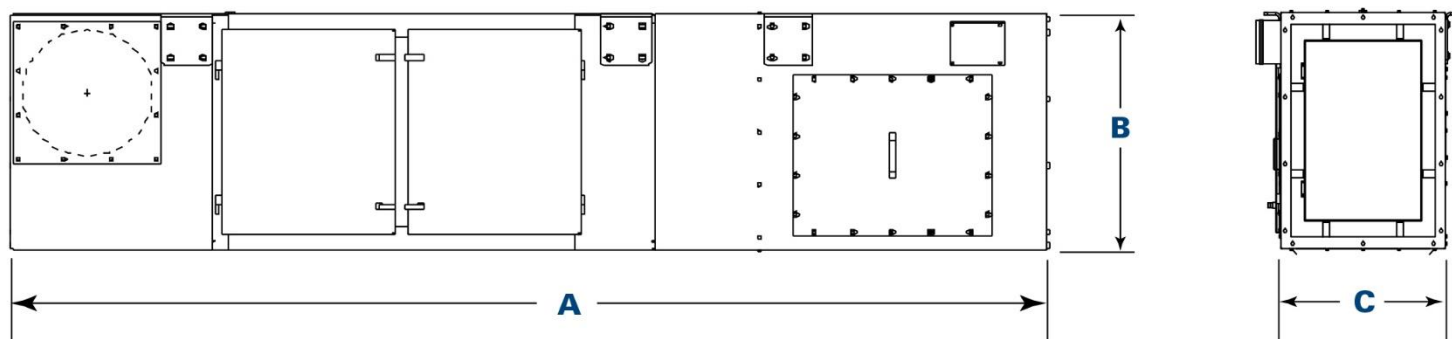
- Modular design customizes unit to specific application
- Offers a variety of design layouts and filter choices for both flexibility and expandability
- Wide range of power packs, prefilters, filters, and module options
- Ceiling mount, horizontal design saves valuable floor space
- Design features provide easy filter changeout and simple maintenance
- Available in ambient or source capture models
- Provides a cleaner work environment for maximum productivity
- Helps support OSHA Clean Air Standards

FEATURES & BENEFITS



- 40% ASHRAE MULTI-VEE**
 Prefilter for dry or slightly wet dust or gas and vapor. Measurements: 24 x 24 x 4 inches (609.6 x 609.6 x 101.6 millimeters)
- IMPINGER**
 4-inch (101.6-millimeter) for light to heavy mist or dust collection in wet and dry grinding
- ALUMINUM MESH PREFILTER**
 Aluminum mesh filter works to trap large particles. Measurements: 24 x 24 x 2 inches (609.6 x 609.6 x 25.4 millimeters)
- OPTIONAL FIRST-STAGE HIGH EFFICIENCY FILTER**
 4-inch (101.6-millimeter) prefilter for heavy mist applications
- PRIMARY FILTER MODULE**
 Primary filter module for filtering mist, smoke, dust, and fumes
- 95% ASHRAE VEE-BAG**
 36-inch (914.4-millimeters) fiberglass vee-bag captures the remaining mist particles
- HEPA FILTER MODULE**
 Secondary afterfilters for heavy smoke, dust, and fume
- POWER PACK WITH DIRECT DRIVE FANS**
- POWDER COAT FINISH**
 Powder coating finish is durable and chemical resistant
- 10-YEAR WARRANTY**

DIMENSIONS & SPECIFICATIONS FOR SOURCE CAPTURE MODELS



Model	Description	Nominal Airflow*		1st Stage	2nd Stage	Inlet Collars**		Dimensions						Shipping Weight	
		cfm	m³/h			in	mm	A		B		C		lb	kg
								in	mm	in	mm	in	mm		
HS-1A	One module, dual drainage, 3 hp power pack	1200/1600	2038/2718	4" (101.6 mm) Impinger, 1" (25.4 mm) Aluminum Mesh	Vee-Bag 126 sq. ft. (11.7 m²)	10 12 14	254.0 304.8 355.6	126.5	3213.1	31.8	807.7	29.5	749.3	575	260.8
HS-1B	One module, dual drainage, 3 or 5 hp (for HEPA module) power pack	2000	3397	4" (101.6 mm) Impinger, 1" (25.4 mm) Aluminum Mesh	Vee-Bag 126 sq. ft (11.7 m²)	10 12 14	254.0 304.8 355.6	126.5	3213.1	31.8	807.7	29.5	749.3	575	260.8
HS-2A	Two modules, dual drainage, 5 hp (for HEPA module) power pack	1800/2300	3058/3907	4" (101.6 mm) Impinger (2), 1" (25.4 mm) Aluminum Mesh (2)	Vee-Bag (2) 252 sq. ft. (23.4 m²)	10 12 14 16	254.0 304.8 355.6 406.4	126.5	3213.1	32.3	820.4	54.0	1371.6	825	374.2
HS-2B	Two modules, dual drainage, 5 hp power pack	3000/3500	5096/5945	4" (101.6 mm) Impinger (2), 1" (25.4 mm) Aluminum Mesh (2)	Vee-Bag (2) 252 sq. ft (23.4 m²)	10 12 14 16	254.0 304.8 355.6 406.4	126.5	3213.1	32.3	820.4	54.0	1371.6	825	374.2

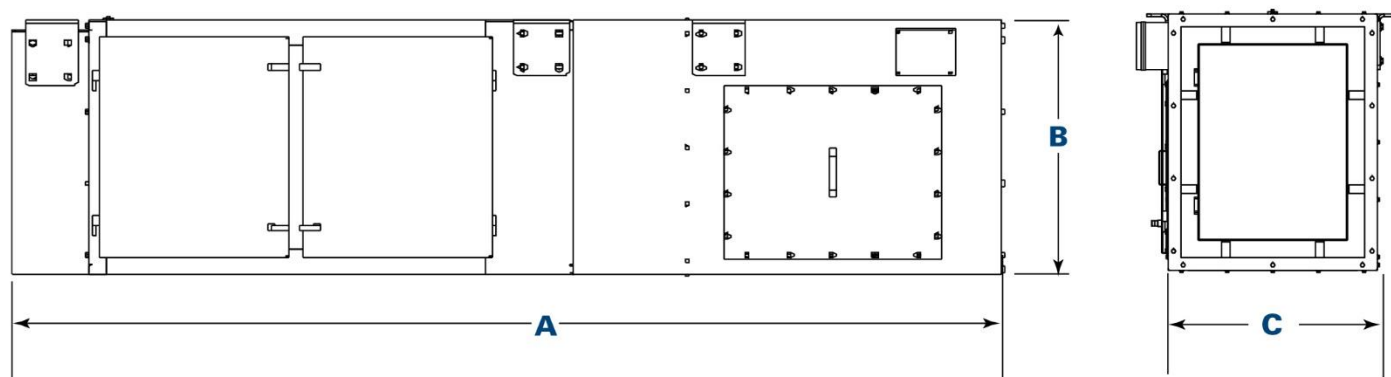
* Based on clean filters.

** Supplied with up to two inlet collars.

EQUIPMENT OPTIONS FOR SOURCE COLLECTOR MODULES

First-stage high efficiency filter, 24 x 24 x 4 inches (609.6 x 609.6 x 101.6 millimeters)	Multiple power pack options, including explosion-proof motors
First-stage multi-vee filter, 24 x 24 x 4 inches (609.6 x 609.6 x 101.6 millimeters)	P-Trap assembly
HEPA/95% DOP filter module, 24 x 24 x 11.5 inches (609.6 x 609.6 x 292.1 millimeters)	P-Trap with Y-Strainer assembly
Carbon filter module	1-Gallon (3.8-Liter) container

DIMENSIONS & SPECIFICATIONS FOR AMBIENT MODELS



Model	Description	Nominal Airflow*		1st Stage	2nd Stage	Dimensions						Shipping Weight	
		cfm	m³/h			A		B		C		lb	kg
						in	mm	in	mm	in	mm		
HA-1A	One module, drainage, 1 or 1.5 hp (for HEPA module) power pack	1400	2378	4" (101.6 mm) Multi-Vee	Vee-Bag 126 sq. ft. (11.7 m²)	108.4	2753.4	32.3	820.4	29.5	749.3	525	238.1
HA-1B	One module, drainage, 3 or 5 hp (for HEPA module) power pack	3000/3400	5096/5775	4" (101.6 mm) Multi-Vee	Vee-Bag 126 sq. ft (11.7 m²)	108.4	2753.4	32.3	820.4	29.5	749.3	525	238.1
HA-2A	Two modules, drainage, 5 hp (for HEPA module) power pack	3000/3400	5096/5775	4" (101.6 mm) Multi-Vee (2)	Vee-Bag (2) 252 sq. ft. (23.4 m²)	108.4	2753.4	31.9	810.3	54.0	1371.6	775	351.5
HA-2B	Two modules, drainage, 15 hp power pack	5800/6200	9852/10532	4" (101.6 mm) Multi-Vee (2)	Vee-Bag (2) 252 sq. ft (23.4 m²)	108.4	2753.4	31.9	810.3	54.0	1371.6	775	351.5

* Based on clean filters.

EQUIPMENT OPTIONS FOR AMBIENT COLLECTOR MODULES

First-stage high efficiency filter, 24 x 24 x 4 inches (609.6 x 609.6 x 101.6 millimeters)	Multiple power pack options, including explosion-proof motors
First-stage multi-vee filter, 24 x 24 x 4 inches (609.6 x 609.6 x 101.6 millimeters)	P-Trap assembly
HEPA/95% DOP filter module, 24 x 24 x 11.5 inches (609.6 x 609.6 x 292.1 millimeters)	P-Trap with Y-Strainer assembly
Carbon filter module	1-Gallon (3.8-Liter) container

Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts.

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MSC Filtration Technologies
 198 Freshwater Blvd
 Enfield, CT 06082
 Toll Free: 1-800-237-7359
 Phone: 860-745-7475
 Email: sales@mscfiltrtech.com
 web: www.mscfiltrtech.com

EXACTLY WHAT YOU NEED.™

Modular MediaFilter - Horizontal Series (12/15)
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MDV-3

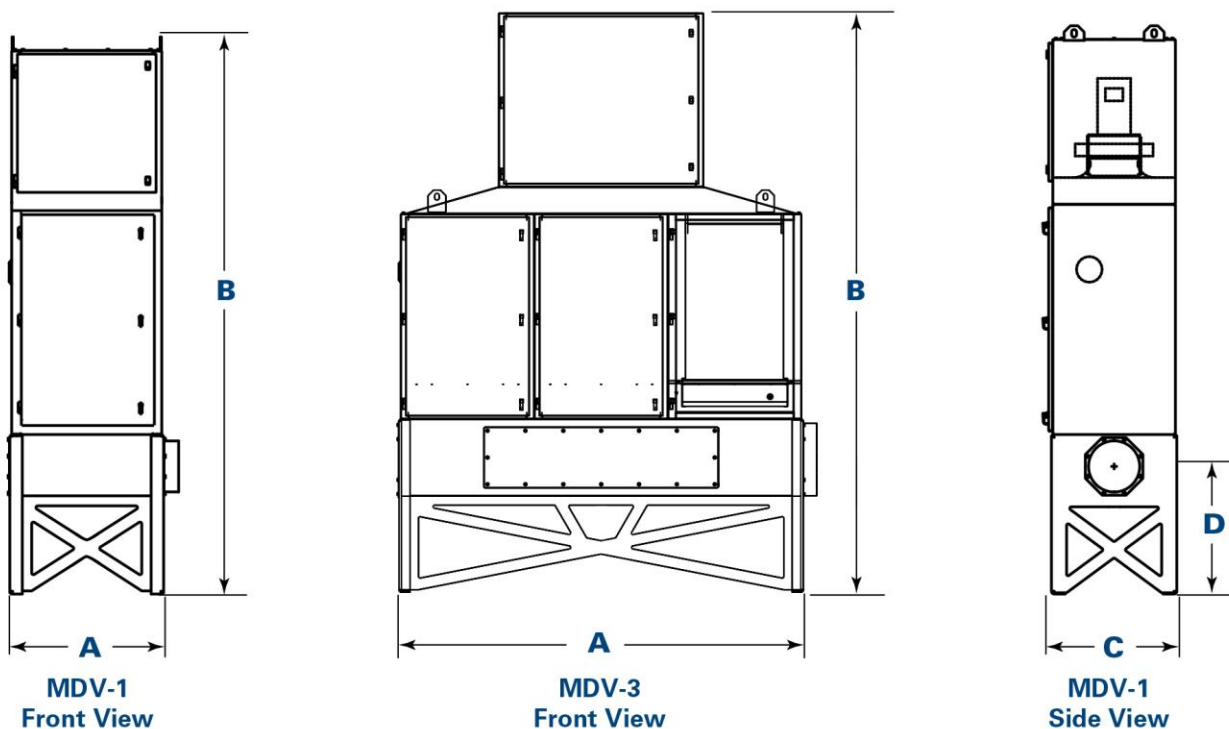


MDV-1

High performance mist collectors designed to filter mist, smoke, and dust from wet grinding, wet machining, soldering / brazing, die casting, and other metal making applications.

- Three-stage filtration for high filtration efficiency and optimum filter life
- Versatile design handles coolant mist, wetted dust and swarf, liquids and smoke in tough applications
- High efficiency airfoil fan with NEMA Premium® Efficiency Electric Motor maximizes performance and reduces operating costs
- Vertical orientation enhances filter drainage and improves vee-bag filter life
- Variety of design layouts and filter choices for both flexibility and expandability
- Larger custom sizes available
- Provides a cleaner work environment for maximum productivity
- Helps support OSHA Clean Air Standards

DIMENSIONS & SPECIFICATIONS



Model	Nominal Airflow**		Filter Area Primary Filter		Motor (hp)	Inlet Collar		Dimensions								Shipping Weight	
								A		B		C		D			
	cfm	m³/h	ft²	m²		in	mm	in	mm	in	mm	in	mm	lb	kg		
MDV-1	1000 2000	1699 3397	126	11.7	1.5 3	10	254.0	30.8	782.3	113.6	2885.4	25.1	637.5	25.5	647.7	790	358.3
MDV-2	2000 4000	3397 6795	252	23.4	3 7.5	14	355.6	60.8	1544.3	127.9	3248.7	25.1	637.5	28.8	731.5	1325	601.0
MDV-3	3000 6000	5096 10192	378	35.1	5 10	16	406.4	90.8	2306.3	129.9	3299.5	25.1	637.5	29.8	756.9	1800	816.5

EQUIPMENT OPTIONS

Prefilter	2" (50.8 mm) P-Trap with optional Y-Strainer assembly
- Impinger 4" (101.6 mm) Multi-Vee - First-stage high efficiency filter, 24 x 24 x 4 inches (609.6 x 609.6 x 101.6 mm)	HEPA or 95% D.O.P. filter module, 24 x 24 x 11.5 inches (609.6 x 609.6 x 292.1 mm) with Minihelic®* gauge
	Sprinkler head

* Minihelic is a registered trademark of Dwyer Instruments, Inc.

** Based on clean filters @ 3-4 "wg (76.2-101.6 mm of H₂O) ESP.

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EXACTLY WHAT YOU NEED.™

Modular MediaFilter - Vertical Series (11/12)

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