

MDV-3

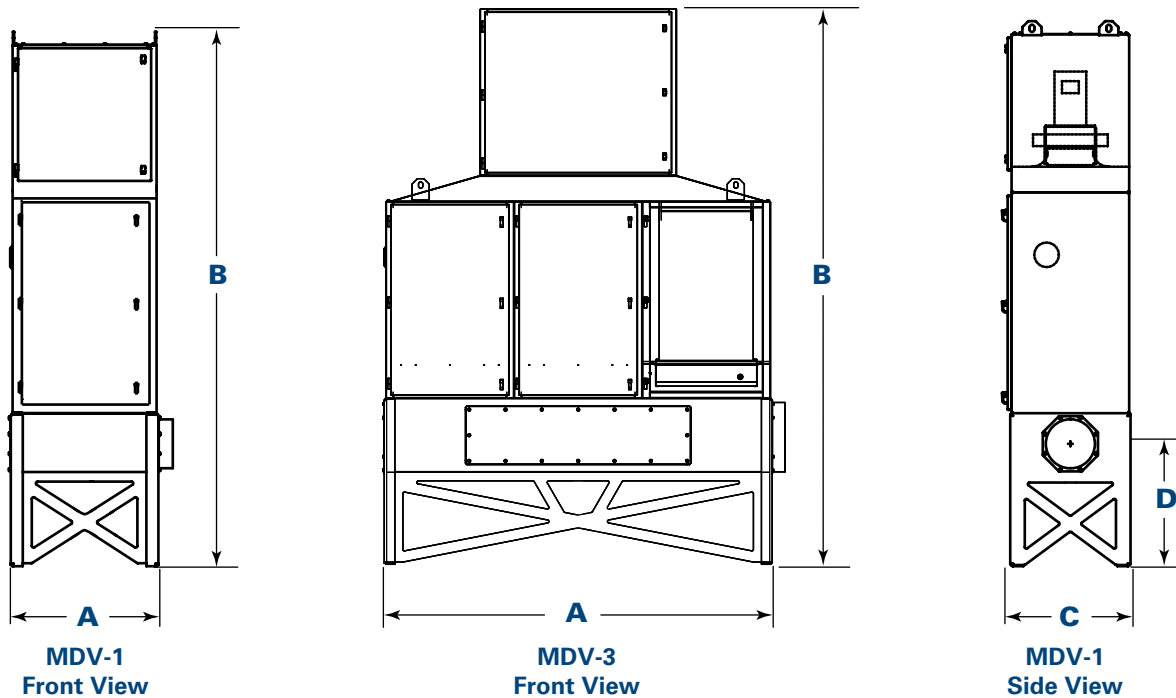


MDV-1

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	
	cfm	m ³ /h	ft ²	m ²		in	mm	A		B		C		D		lb	kg
								in	mm	in	mm	in	mm	in	mm		
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 – 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)	2" (50.8 mm) P-Trap with optional Y-Strainer assembly
	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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