



DIVERSITECH
air pollution solutions



TOOLING & MACHINERY, INC.

COMPLETE METALWORKING SOLUTIONS
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D MISTER

Vertical Oil Mist Collector

The D Mister Oil Mist Collector excels at removing oil mist, smoke and vapor from various applications in the machining industry. The D Mister collectors can be connected directly via ductwork, to CNC machines to safely and efficiently extract airborne, oil mist and smoke.

Diversitech's Oil Mist collectors are designed with a vertical configuration to allow for the drainage and reuse of oil-based coolants and lubricants. Fiberglass media bags and an optional HEPA filter provide high efficiency filtration for smoke and synthetic coolants.

Benefits:

- Dual or Quad filter configurations available
- Capture-at-source for cleaner air
- Complies with OSHA guidelines for controlling oil mist

Applications:

- Wet Grinding
- Parts Washing
- Screw Machines
- CNC Machine Centers - Lathes
- Solvent - Chemical - Miscellaneous Mixing
- Additional Wet & Dry Industrial Applications

Options:

- Backward Inclined Fan
- 24" High Floor Stand
- Manometer
- Odor Adsorption Kits
- HEPA AfterFilter
- Motor Starter (Disconnect)
- Eyebolts - Brackets - Silencer



OIL MIST • OIL SMOKE • ODOR CONTROL • VOC COLLECTION



How The D Mister Oil Mist Collector Works

The unit's standard configuration uses three stages of filtration to separate the mist, smoke and fumes from the air. Several filter combinations are available depending on application. Airflow ranges are from 1000 to 8000 CFM. The unit can be wall mounted on a stand or hung from the ceiling. The motor can be direct or belt driven with forward curved or high pressure composite blowers. All D Misters include drain fittings for extract coolant to reclaim lubricants.

Technical Specifications

Model	Nominal Airflow (CFM)	Motor (H.P.)	Prefilter	Secondary Filter	Final Filter	Blower	Power			
							Phase (hz)	@230V (amps)	@460V (amps)	@575V (amps)
D Mister Oil Mist Collector										
DM 2000V	2000	2	(1) 2" Impinger	(1) 2" Mist Eliminator	(1) 95% Bag Filter	Backward Inclined	3P / 60Hz	5.8	2.9	2.3
DM 4000V	4000	3	(2) 2" Impinger	(2) 2" Mist Eliminator	(2) 95% Bag Filter	Backward Inclined	3P / 60Hz	8.6	4.3	3.4

Dimensions

Model	Net Weight (lbs.)	Drain (in.)	Product Dimensions (in.)			Shipping Dimensions (in.)			Gross Weight (lbs.)
			Width	Height	Depth	Width	Height	Length	
D Mister Oil Mist Collector									
DM 2000V	285	1.5 NPT	26	110.5	24	33	38	117	485
DM 4000V	625	1.5 NPT	48	110.5	26	63	38	120	870

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