

VOM-SERIES

VERTICAL MIST COLLECTORS

Airflow
SYSTEMS INC.



1200 VOM



2400 VOM

High-Efficiency Multi-Stage Filtration for Smoke, Mist, and Dust Control

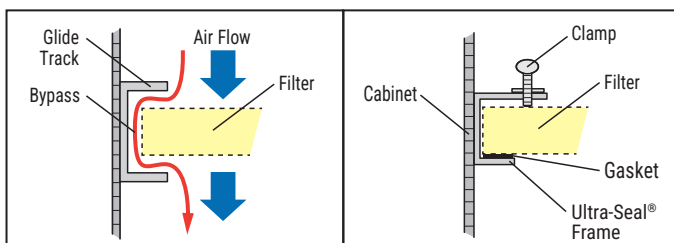
VOM-Series vertical mist collectors provide high efficiency 4- or 5-stage filtration that handles smoke and dust as well as mists, water soluble coolants as well as petroleum-based fluids. The vertical configuration can be placed directly atop a machine, hung from the ceiling, or floor mounted. With 1200 to 2400 CFM air flow, VOM collectors can easily handle several moderate to large machining stations.

Ultra-Seal® Filter Mounting

The Airflow Systems Ultra-Seal® Filter Mounting system ensures a secure, airtight filter installation that eliminates contaminant bypass, improving filtration effectiveness and extending filter life.

The Problem: Dirty air bypass with conventional "slide-in" filter mounts.

The Solution: One-piece Ultra-Seal® filter frame. Welded and sealed into the air cleaner cabinet.



Features & Benefits

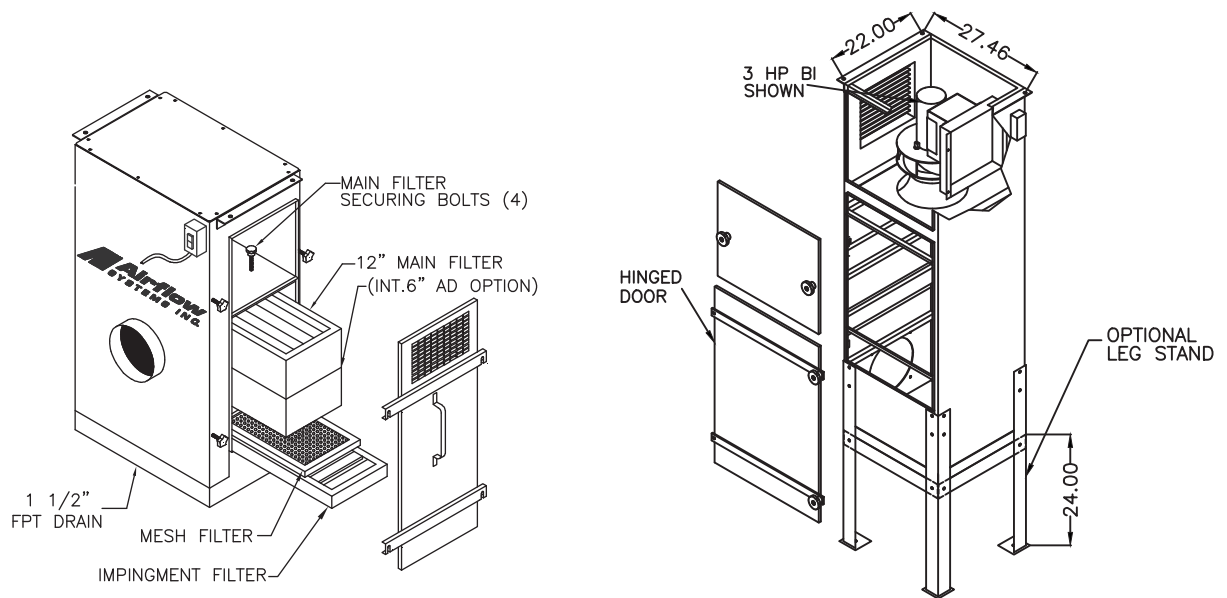
- **High capacity source capture:**
Simplifies OSHA compliance.
- **Direct-drive blower:**
Higher static pressure, longer filter life and greater reliability; non-sparking; no belts or pulleys to replace.
- **Non-electrostatic operation:**
High reliability, low maintenance.
- **Ultra-Seal® filter mounting:**
Eliminates contaminant bypass of filters.
- **Vertical design with small footprint:**
Eases installation, aids draining.

Industrial Applications

From single to multiple milling, turning, CNC, and wet grinding machines.

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Model Specifications		
	1200 VOM	2400 VOM
Construction	16 ga. steel, powder coated cabinet	16 ga. steel, powder coated cabinet
Blower Pkgs (HP)	1.0, 1.5	1.5, 3.0
Noise Level (dBA)	72, 1.0 HP	75, 1.5 HP 79, 3.0 HP
Electrical	1.0 HP – 115/230/1/60, 14.0/7.0 1.5 HP – 208-230/460/3/60, 4.2 - 4.8/2.4 amps	1.5 HP - 208-230/460/3/60, 5/2.5 amps 1.5 HP - 115/1/60, 13.2/6.6 amps 3.0 HP - 208-230/460/3/60, 9.2-8/4 amps
Air Flow Max (CFM)	1200	2400
Dimensions	W- 25" H- 44" D- 16"	W- 24" H- 75" D- 24"
Weight (lbs.)	170	295
Options	Silencer: Reduces noise by 6 dBA or more. Chevron® Mist Eliminator: Effectively removes moisture; improves filtration effectiveness and extends filter life. HEPA After-Filter Module: Includes 95% efficiency multi-pocket box filter, followed by 99.97% DOP efficiency HEPA filter. DOP/Heavy Smoke Filter: Provides 95% efficiency.	The standard 1.5 HP Model 2400 uses a belt-drive, forward curve blower assembly. Silencer: Reduces noise by 4–6 dBA or more. Chevron® Mist Eliminator: Effectively removes moisture; improves filtration effectiveness and extends filter life. HEPA After-Filter Module: Includes 95% efficiency multi-pocket box filter, followed by 99.97% DOP efficiency HEPA filter. DOP/Heavy Smoke Filter: Provides 95% efficiency.