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AIR DESIGN**
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**VM-10 Vertical Media
Collector 10-Series**

VM-10 Series

VM-10 Series Vertical Media Collection Systems are designed to provide efficient, cost effective control of mist, dust, smoke, fume, and gas/vapor contaminants generated from a variety of manufacturing and process applications.

A variety of mounting options are available for this small but powerful, compact collection system. Units can be ceiling hung, floor mounted, or mounted directly on the machine requiring collection. A full line of accessories and options are available to simplify the installation.

As with our larger Media Collection Systems, the VM-10 Series modular design provides the ultimate in unit filtration flexibility or adaptability enabling them to handle a variety of airborne contaminants. Modular design allows for simple integration of additional filter modules which allow the collectors filter modules to be easily customized to meet the exact filtration requirements of the application. Should contaminants change due to process changes, existing filter modules can be easily altered or new modules can be added to adapt to the new contaminants generated.

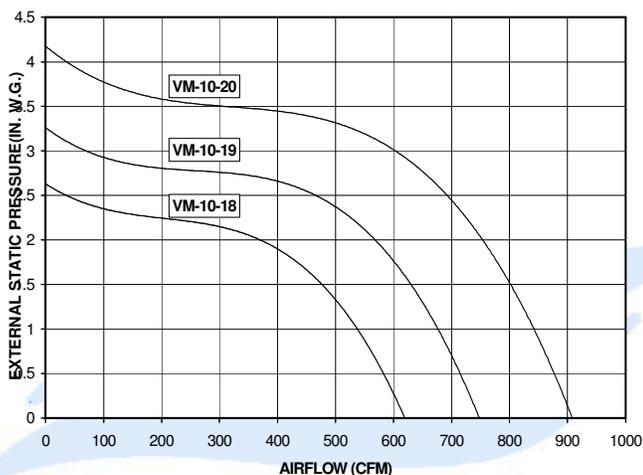


FEATURES

- Direct machine mounting capability
- Available in three CFM's 600, 750, and 950
- Minihelic Gauge with a range of 0-5" for visibility of filter loading
- Efficient, direct drive, backward curve plug fan blowers
- Option of 1/2 HP or 1 HP plug fan motors
- Three types of filter options are available for maximum filtering capabilities
- Improved, final stage Vee-Bag filter sealing is provided by the removable and/or replaceable face sealing frame that eliminates filter leakage and bypass problems found with conventional side-mounted gasket sealing
- Tube type aerospace gaskets create three (3) sealing surfaces for optimum leak resistance. Gaskets are mechanically fastened to the cabinets eliminating problems with adhesives as well as making them extremely easy to replace.

Unit Type	Filter Area (sq. ft.)	CFM	Mtr HP	Weight (lbs.)	Sound Pressure (dba)	LxWxH (in.)
VMW/D-10-18 XE	28	600	.5	112.5	67	25x18x41
VMW/D-10-18 XP	70	600	.5	113	67	25x18x41
VMW/D-10-19 XE	28	750	.5	112.5	72	25x18x41
VMW/D-10-19 XP	70	750	.5	113	72	25x18x41
VMW/DH-10-20 XE	28	950	1	176	75	25x18x57
VMW/DH-10-20 XP	70	950	1	176.5	75	25x18x57

VM-10 SERIES UNIT PERFORMANCE CURVE at 60 Hz(3450 RPM)



OPTIONS

- HEPA module: with an efficiency rating of 99.97% @ 0.3 microns
- Carbon module: to remove gas/vapors and odors
- Impinger module: for removal of larger mist particulates and sticky mist contaminants
- Leg mounting kit
- Caster mounting kit (includes legs)
- Single phase option
- Attenuators available