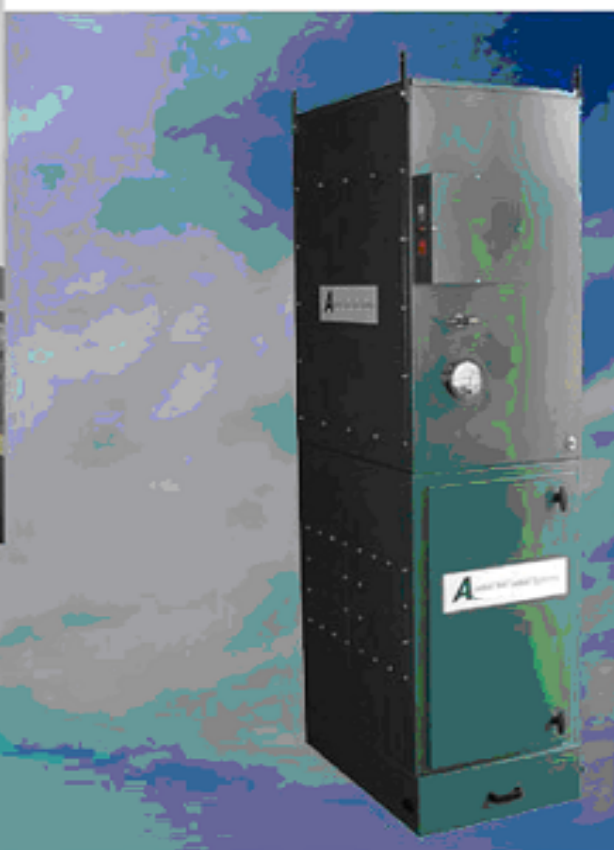


# Processing Equipment, Inc

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*Processing Equipment, Inc.*



VCF Vertical Cartridge Filtration Collector

PROCESSING EQUIPMENT, INC.  
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LEXINGTON, KY 40509

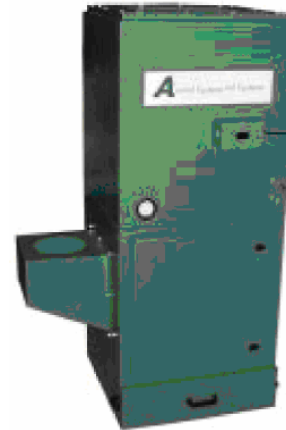
PHONE 859-543-8524  
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EMAIL: [PROCESS@PRO-CESS.COM](mailto:PROCESS@PRO-CESS.COM)  
[WWW.CAT-VACUUM-COLLECTORS.COM](http://WWW.CAT-VACUUM-COLLECTORS.COM)

# VCF Series Units

PROCESSING EQUIPMENT, INC. VERTICAL CARTRIDGE FILTRATION (VCF) SYSTEMS ARE DESIGNED TO PROVIDE EFFICIENT, COST EFFECTIVE CONTROL OF DRY DUSTS, AND FUMES, GENERATED FROM SANDING, GRINDING, WELDING, AND OTHER PROCESSES. TYPICALLY UTILIZED FOR CONTROL OF MODERATE TO HEAVY CONCENTRATIONS OF DRY CONTAMINATES, THE VCF SERIES COLLECTORS ARE PROVIDED WITH SELF-CLEANING, PULSE -JET FILTER CLEANING TO MINIMIZE MAINTENANCE AND REDUCE REPLACEMENT FILTER COSTS.

THE VCF UNIT CAN BE CONFIGURED A FEW DIFFERENT WAYS, AS A FLOOR MOUNTED UNIT (SHOWN), WITH A HOPPER AND STAND, OR AS A PORTABLE UNIT. IT CAN ALSO BE CEILING SUPPORTED.

THE VCF UNIT IS A SELF-CONTAINED, READY TO BE POWERED, COMPACT SOURCE CAPTURE COLLECTOR TO SATISFY MANY INDUSTRIAL REQUIREMENTS.



Fan Performance Data		
	Airflow (CFM)	Fan Inlet Static Pressure (Inches of Water)
VCF-750	950	5.5
	850	5.7
	750	5.9
VCF-1500	1500	6.5
	1200	7.2
	1000	7.3



Sanding and Grinding Applications  
 EDM Machining / Graphite  
 Ceramic Manufacturers  
 Woodshops  
 Welding, Fabricating and Machine  
 Shops

## FEATURES

- DIRECT DRIVE NON-OVERLOADING BACKWARD INCLINED BLOWER AND 1.5 HP (VCF-750), 3 HP (VCF-1500) TEFC
- LOW NOISE LEVEL - BELOW 70 DBA
- TOTAL FILTER AREA IS 274 SQ. FT. (1 CARTRIDGE VCF-750) AND 548 SQ. FT (2 CARTRIDGE VCF-1500) - TOOL-LESS FILTER CHANGE.
- REVERSE AIR PULSE CLEANING WITH MANUAL PUSHBUTTON ON VCF-750 AND AUTOMATIC TIMER ON VCF-1500
- PULL OUT DUST DRAWER
- 4, 6, OR 8" INLET COLLAR OPTIONS ON EXTENSION PLENUMS (8" ONLY ON VCF-1500)
- 2 INLET LOCATIONS ON VCF-750 AND 4 INLET LOCATIONS ON VCF-1500 FOR EASE OF INSTALLATION
- BUBBLE GASKET SEAL ON ACCESS DOORS
- BAFFLED BLOWER CABINET PROVIDES BUILT-IN SOUND ATTENUATION
- ACCESS PANEL FOR MOTOR/BLOWER AND PULSE TANK SECTION
- 14GA METAL CONSTRUCTION WITH A HEAVY DUTY TEXTURED POWDER COAT FINISH
- CARTRIDGE FILTER PRESSURE GAUGE TO INDICATE WHEN TO CHANGE FILTERS
- OVERALL UNIT DIMENSIONS: VCF-750 - 24 x 25 x 73, VCF-1500 - 37 x 25 x 85

## OPTIONS

- HEPA ON THE EXHAUST OF THE UNIT
- HOPPER AND STAND
- PORTABLE UNIT
- 5 GAL, 30 GAL, AND 55 GAL DRUMS
- SPECIALTY CARTRIDGES ARE AVAILABLE
- OTHER PULSING OPTIONS AVAILABLE, INCLUDING SMART PULSE TIMER, PULSE ON SHUT-DOWN, DELAY TIMER, AND PHOTOHELIC GAUGE