

DIVERSIFIED AIR SYSTEMS, INC.

# **MAXFLO<sup>TM</sup>-PC series**

*Portable Cartridge Collector*

- ***Collects welding fumes, grinding & sanding dust, fumes, and odors***
- ***Flexible 3 in 1 design: backdraft hood, downdraft, or extraction arm***
- ***1000 to 2500 CFM Models***



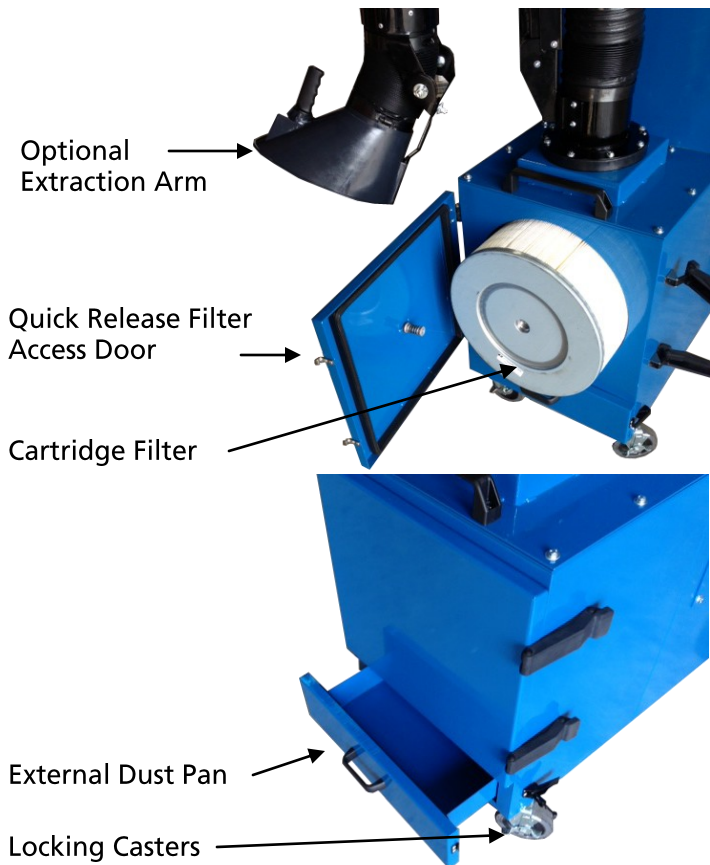
- ***Cartridge filtration with pulse cleaning system***
- ***Industrial heavy duty design***
- ***Fully assembled, Plug & play design***

*Superior technology generating substantial operating savings*

## OUTSTANDING MAXFLO STANDARD FEATURES

MAXFLO –PC is designed to be a cost effective, highly efficient, alternative approach in filtering dusts, fumes, smoke, gases, and vapors. The MAXFLO-PC complies with OSHA on operations generating welding fumes, dusts from grinding or sanding, and other processes. It also complies with OSHA's new Hexavalent Chromium standard. Typically used for control of low to moderate concentrations of dry contaminants, the PC unit is provided with a cost effective manual push button pulse-jet filter cleaning to minimize filter maintenance and reduce replacement filter costs.

The PC unit has a horizontally mounted cartridge for lower center of gravity making it a safer unit. The MAXFLO-PC Portable Cartridge Collector can be configured several different ways. Multiple inlets to include either extraction arm, downdraft bench, or slotted back draft hood. Motor horsepower choices are 1.5 HP, 3 HP, and 5 HP TEFC electric motors, manual push button filter cleaning system, large 10 inch rear casters for excellent mobility, 5 inch front swivel casters, 6 or 8 inch by 10 foot externally supported extraction arm, and push handle with power cord and switch for plug and go operation.



*Note:* Specifications listed above may be modified to suit application. contact D.A.S. or representative for information.

Unit Type	CFM	Mtr HP	Weight (lbs.)	Sound Pressure (dba)	Base Unit LxWxH (in.)
PC-1000	1000	1.5	416	76	36x20x54
PC-1200	1200	1.5	466	76	47x20x54
PC-2000	2000	3	482	78	47x20x54
PC-2500	2500	5	510	80	47x20x54

## FEATURES

- 1000 to 2500 Nominal CFM
- Single phase 1.5 HP or three phase 3 or 5 HP TEFC motor with switch, cord on 1.5 HP only.
- Direct drive backward inclined airfoil non-overloading fan
- 177 or 295 square feet of filter area providing filter efficiency of 99% at 0.5 microns
- 80/20 Polyester Blend flame retardant HEPA-like cartridge filter
- Internal baffle protecting cartridge filter
- Manual push button pulse-jet filter cleaning system
- Easy tool-less filter change-out & dust collection drawer
- Mini-helic filter change out gauge
- Backdraft hood 36" width x 28" height
- (3) 2" wide x 30" long adjustable slot opening, 4" between slots, first slot 37" from floor
- 10 inch rear wheels and 5 inch front swivel wheels
- 11 and 14 gauge heavy duty metal construction
- Blue or Kelly Green industrialized textured powder coat finish

## OPTIONS

- HEPA module to offer 99.97% @0.3 micron efficiency
- Carbon module for removal of gas/vapors and odors
- Multiple inlet
- Spark trap
- Auto-pulse
- No pulse cleaning system
- 6 or 8 inch by 10 foot extraction arm

### Diversified Air Systems, Inc.

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