

Modular Cartridge Pulse

MCP-Series Dust Collectors



Central
Collectors

Silo
Collectors

Silo Saver
Systems

Transfer
Packages

Slump
Master II

C&W Manufacturing and Sales Co.
1-800-880-DUST
www.cwmfg.com



MCP-Series Central Dust Collectors

General Information

C&W's Modular Dust Collector combines all the features & benefits from our other technologies, plus new innovative ones, creating our most customer friendly collector. When replacing cartridges there are no restrictions as blowpipes are attached to the lid and solenoid valves are repositioned inside the housing to reduce moisture build-up and increase life expectancy. In addition, maintenance costs are reduced with the newly re-designed 54" cartridges and all maintenance points are located at ground level except for cartridges and solenoid valves.

Benefits	Features:
Efficiency	99.99% Filtration Efficiency*
	Spun-Bound Polyester Filter Media
Easy to Maintain	Tool-less Exchange of Filter Media
	Top Entry for Clean Side Filter Exchange
	Fan/Motor accessible from ground level
Compact	Redesigned, Vertical, Wide-Pleat Cartridges - 54" Long
Performance	Mini-helic Gauge
	Hopper Vibrator
Reliable, Easy to Operate	PLC Controller, UL Approved
Long-Lasting, Durable	10 Gauge Steel Housing; 3/16" Steel Hopper
Safety, OSHA-Compliant	Ladders and Handrails
	Safety Auto Shut-Off when top lid is opened

*At Standard Test Conditions

Options

- Manual or Automatic Recycle Systems
- Custom Shrouds and Snorkels
- Silo Anti-Overflow System
- Spare Parts Kit
- Additional Services:
 - Turn-Key Installations
 - Customized Layouts
 - Start-up and Maintenance
 - Training
 - Professional Consultation



Automatic Recycle System

Specs

Specifications	MCP-5000	MCP-7500	MCP-8500	MCP-10000	MCP-12500	MCP-15000
Number of Cartridges	10	15	20	20	25	30
Cartridge Diameter x Length	8" X 54"	8" X 54"	8" x 54"	8" X 54"	8" x 54"	8" X 54"
Type of Media	Spun Bound Polyester	Spun Bound Polyester	Spun Bound Polyester	Spun Bound Polyester	Spun Bound Polyester	Spun Bound Polyester
Total Filtration Area (sq. ft.)	715	1073	1429	1429	1786	2143
Minimum Design Efficiency*	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%
Air to Cloth Ratio (ACFM/Sq.Ft)	6.9	6.9	5.9	6.9	6.9	6.9
Filtration Velocity (ft./min.)	6.9	6.9	5.9	6.9	6.9	6.9
Blower Horsepower	10	15	20	20	25	30
Static Pressure Drop	8" W.C.	8" W.C.	8" W.C.	8" W.C.	8" W.C.	8" W.C.
Normal Air Capacity (CFM)	5,000	7,500	8500	10,000	12,500	15,000
Outlet Area (sq. ft.)	1.91	2.3	2.85	3.45	4.19	5.17
Outlet Velocity (ft./sec.)	44	54	50	48	50	48
Cleaning Mechanism	Pulse Jet w/ Timer	Pulse Jet w/ Timer	Pulse Jet w/ Timer	Pulse Jet w/ Timer	Pulse Jet w/ Timer	Pulse Jet w/ Timer

*At Standard Test Conditions. **For larger collectors, call C&W offices.



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