MCB Series

CROSS VENTILATION CARTRIDGE DUST COLLECTOR

Parker

ENGINEERING YOUR SUCCESS.

DUST HOG®

One Cost-Effective Package Gives You All These Valuable Features:

High-Efficiency Dust Filtration

Prevents fine dust from migrating to areas with sensitive electrical and mechanical equipment—reducing facility maintenance.

Reverse Pulse Filter Cleaning System

Provides long filter life for a variety of applications. Pulse controller is optional.

High-Efficiency Filters

MERV 15 filter rating for optimal contaminant control.

Customized Booth Configurations

Available to meet specific requirements, as well as several options for enclosure and wall materials.

Modular Design

Allows for proper sizing for each specific user and customer application.

Cam-action Locking Device

Facilitates fast, simple and tool-free cartridge filter installation and replacement.

Backward-Inclined Airfoil Wheel & Low RPM Motor

Provides the quietest and most efficient operating system in the industry.

Powder Coated Finish

All components have electrostatically applied paint that prevents fading and chalking.

Enlarged Louver Doors

Vertical doors with increased height effectively sweep the operator's breathing zone of potentially harmful contaminants.

Single-Sided Service Access

Makes it easy to back units up against the wall—saving valuable floor space.

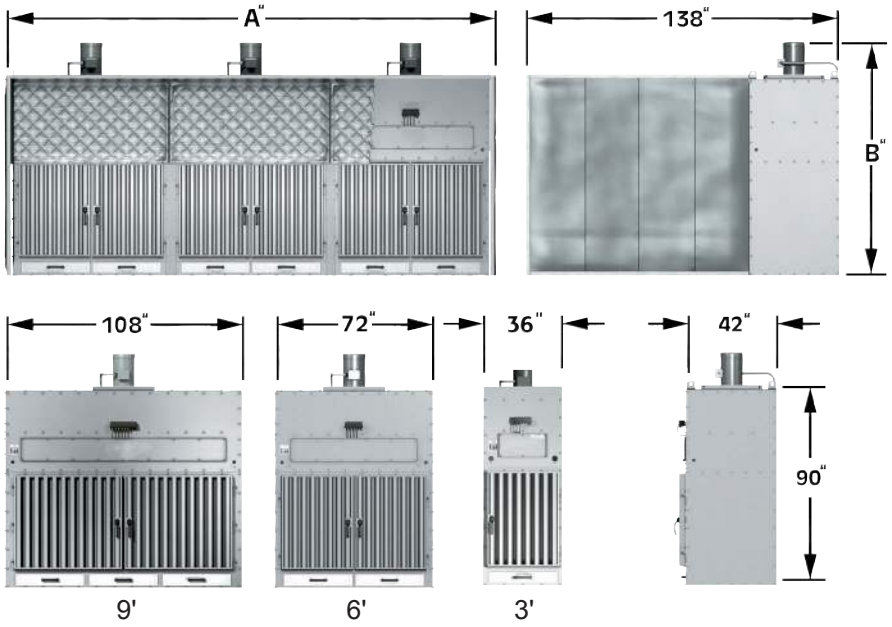
Aluminum Dust Drawers with Dual Handles

Offers large capacity dust storage area with sturdy, yet lightweight construction to allow for easy dust removal.

10 YEAR WARRANTY

Size and Dimensions

Versatile configurations and multiple airflow options allow for optimum equipment sizing and selection. Additionally, custom booth sizes and configurations are available to meet unique applications.



Model	A (in)	B (in)	Airflow* (cfm)	Average Face Velocity (fpm)	No. of Cartridges	Filter Area (ft^2)	MCB Unit Configuration
MCB-03	36	98	4,000	200	4	1,360	MCB-03
MCB-06-01-H	80	106	9,500	200	8	2,720	MCB-06
MCB-09-10-H	116	107	11,500	200	12	4,080	MCB-09
MCB-12-02-H	153	106	19,000	200	16	5,440	(2) MCB-06
MCB-15-11-H	189	107	21,000	200	20	6,800	(1) MCB-06, (1) MCB-09
MCB-18-20-H	225	107	23,000	200	24	8,160	(2) MCB-09
MCB-18-03-X	226	106	28,500	200	24	8,160	(3) MCB-06
MCB-21-12-X	225	107	30,500	200	28	9,520	(2) MCB-06, (1) MCB-09
MCB-24-04-X	298	106	38,000	200	32	10,880	(4) MCB-06

* Unrestricted Airflow, CFM based on impeller performance data

Options and Accessories

Booth Enclosures

- **Retractable Enclosures**

Additional Items

- Aluminum Fan Wheel
- Sprinkler Couplings
- Pulse Timer Control w/Magnahelic
- DPC Pulse Controller w/Photohelic
- Control Panel
- Motor Starters
- 95% or HEPA Afterfilter
- Dust Drawer Re-entrainment Baffle

Filter Media

- Protura® Nanofiber
- Protura® SB Nanofiber
- Protura® Nanofiber Fire Retardant (FR)
- Spunbond Polyestser
- Wide Pleat Spacing Options

Parker Hannifin is committed to providing clean air solutions that protect your employees, improve plant performance and enable you to realize your operating goals.

Our commitment is backed by continuous investment in research, leading-edge technology and product development, our people whom are the most knowledgeable in the industry, and a product portfolio that is proven to deliver results. We have been solving problems for you, our customers across the globe for over 50 years.

Industrial Applications

- Abrasive Blasting
- Batch Mixing
- Grinding
- Metal Working
- Powder Coating
- Sanding
- Welding

Important – Understand and follow NFPA guidance in selecting equipment for your intended application, including required safety devices and testing your dust to determine combustion hazards. At your election, we can coordinate sample collection and testing.

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BRO IOU Dusthog MCB Series 030921

Industrial Gas Filtration and Generation Division
4087 Walden Avenue
Lancaster NY 14086 USA
Ph: 800-252-4647
Ph: 513-891-0400
dusthog@parker.com

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