Model SCB

Ceiling-Mount Cartridge Dust Collectors

Parker

ENGINEERING YOUR SUCCESS.

MODEL SCB

Industrial Dust Collectors for Contaminants Directly at the Source.

INNOVATIVE ANSWER

Need a solution for industrial welding smoke, fumes, dust and powders, but don't have space for a large collection unit on the plant floor? Then check out the Dusthog® SCB self-contained cartridge dust collector. Designed to capture hazardous contaminants at the source, this ceiling-mounted system ensures clean air without giving up valuable factory floor space.

** This unit not designed for explosive dusts.*

SCB—SOURCE COLLECTION

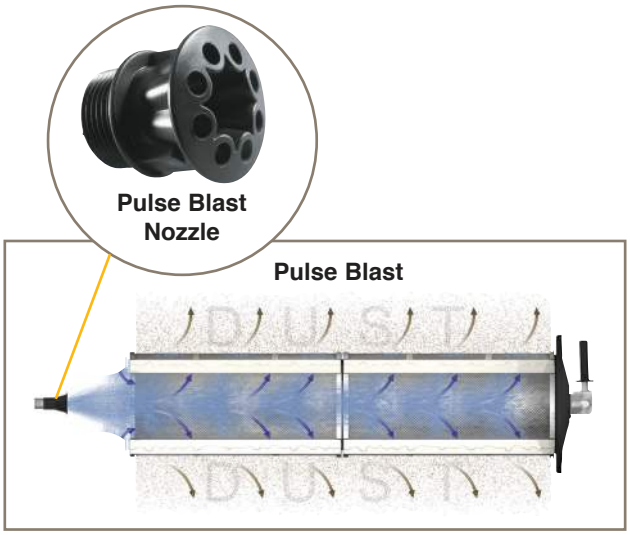
Source extraction of particulate, dust and fumes is the preferred method in maximizing workers breathing zone protection, addressing elemental permissible exposure limits and threshold limit values, and to mitigate ambient infiltration and concentration of potential airborne particulate. For applications requiring dust and smoke removal right at the source, select the SCB model. This system can be configured with one or two swing arms or it can be connected to a duct system. Parker swing arms are lightweight and counterbalanced for effortless positioning and precisely engineered to maximize extraction efficiency. Unique extension arm mounting plates are positioned for maximum and equal reach, allowing one unit to be centrally located between workstations for ultimate source capture in each area.

APPLICATIONS

- Drilling
- Dry Chemicals
- Carbon Black
- Cast Iron
- Grinding
- Paint Pigment
- Spices
- Welding

BETTER OVERALL CLEANING

The SCB is better than other self-contained collectors in the industry, due to its pulse cleaning technology and innovative nozzle design. Instead of simply collecting dust onto filters, the SCB captures contaminants and "pulses" them off to drawers below. A showerhead-like nozzle ensures an even distribution of air to maximize the entire length of each cartridge. The result is longer filter life, less filter changes and more clean air plant-wide.



QUIET AND EASY TO MAINTAIN

The SCB system is quieter and easier to maintain than other dust collectors. An internal pulse cleaning system minimizes noisy air blasts and keeps sound levels below 77 dBA—under the industry standard.

Each SCB is equipped with four lightweight, removable dust drawers for easy disposal of collected material. One drawer holds .77 ft.^{3} of dust and is simple to clean. Users just undo fasteners beneath the unit, empty the contents and attach the drawer back into place.

Another feature for simplified maintenance are the "QuickSeal" filter access doors. These doors offer easy removal and replacement of cartridges as well as ensure correct and constant compression of filter seals.

OPTIONAL LEFT OR RIGHT DISCHARGE

SCB units come standard with rear clean air discharge, but can be ordered with left- or right-hand side discharge to control the direction of airflow. And, side discharges don't require add-on plenums—a savings in overall product cost! A Parker Hannifin Representative can assist in evaluating your applicatio requirements to determine the best direction of clean airflow

Model SCB (rear view)

Model	Dimensions (HxWxL in.)	Horsepower (HP)	Voltage	Airflow (CFM)	Compressed Air Required	No. of Swing Arms	No. of Cartridges	Weight (lbs.)
SCB	29.5 x 45 x 97.8	3	230-460/3/60	2,000 (1,000/arm)	.78 SCF/pulse	1 or 2	4 (1,020 ft.^{2} media)	770 without arm

DUSTHOG®

EXTERNAL MOTOR/BLOWER

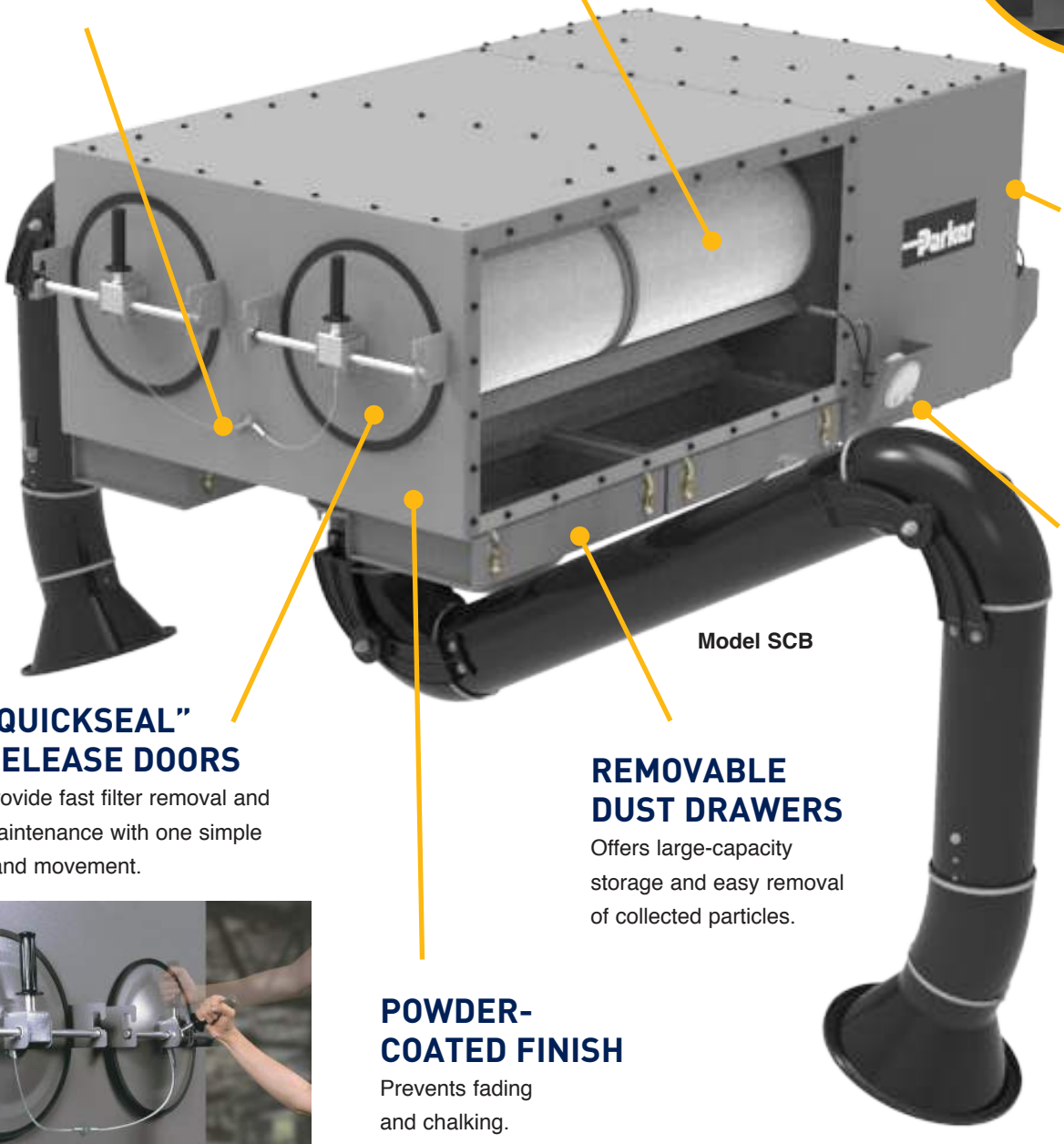
Offers easy access for routine service and maintenance.

SAFETY CABLE

Secures “QuickSeal” Release Doors while filters are changed overhead.

NO INTERNAL YOKES

Allows cartridge rotation, which aids in dust release.



Model SCB

OPTIMIZED CARTRIDGE CLEANING SYSTEM

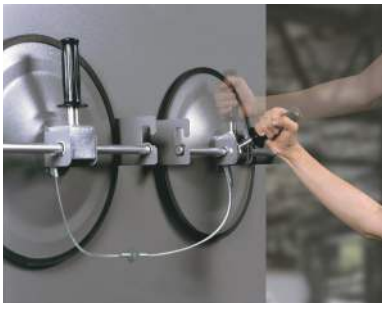
Offers maximized cleaning power as a result of spring-free pulse valves and optimized nozzle.

MAGNEHELIC OR OPTIONAL PHOTOHELIC PRESSURE GAUGE

Monitors pressure and indicates when filters need to be changed.

“QUICKSEAL” RELEASE DOORS

Provide fast filter removal and maintenance with one simple hand movement.



REMOVABLE DUST DRAWERS

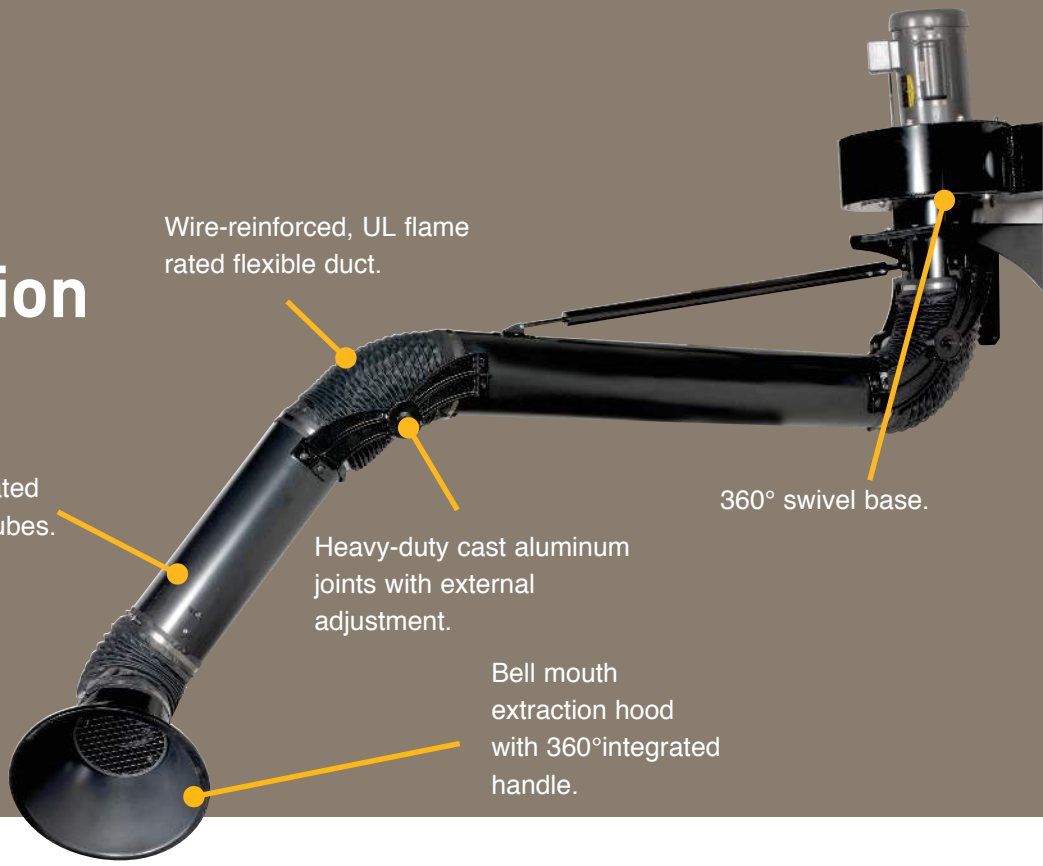
Offers large-capacity storage and easy removal of collected particles.

POWDER-COATED FINISH

Prevents fading and chalking.

Why Choose Our Extraction Arms & Extraction Hoods?

Extraction Arm Features & Specifications



PERFORMANCE

- No internal obstructions provide lower resistance and greater extraction power.
- Optimized extraction arm hood geometry provides capture from greater distances and locations requiring fewer position adjustments and less interference.
- Base-mount and wall-mount extraction hoods offer the broadest “effective zone” of any source capture system on the market today.

DURABILITY

- Durable metal construction stands up to the most challenging industrial applications.
- Powder-coated finish that has passed a 500-hour salt spray test.
- Flexible joints feature UL flame resistant material for use in thermal processes where sparks are routinely present

Model	XA	XA-Wall-Mount
Length	7 ft. (2.1 m), 10 ft. (3.0 m) and 12 ft. (3.7 m)	4 ft. (1.2 m) with extendable hood can be stretched up to 18 in. (457 mm)
Diameter	6 in. (152 mm) and 8 in. (203 mm)	

OPTIONS AND ACCESORIES

- Left- or right-hand side discharge
- Photohelic gage
- Non-sparking fan wheel
- 208-volt
- Fire resistant filters
- HEPA secondary filter
- Protura® Nano Fire Retardant (FR)
- Choice of 7’, 10’ and 12’ swing arms
- 8” diameter swing arm
- Light kit and fan start/stop for swing arm
- DPC pulse filter cleaning controller

PROVIDING CLEAN AIR SOLUTIONS

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

State-of-the-Art Labs and Advanced Filtration Research for Optimized Performance. Purpose-built labs and test facilities with the latest equipment allow our engineers and technicians to quickly and accurately assess filter capabilities and develop innovative new medias.

High Performance Filters & Specialized Equipment Solutions. With decades of experience manufacturing high performance original equipment and aftermarket filters to meet a variety of system types and configurations, we can satisfy whatever requirement is needed including customized solutions.

World-class Manufacturing Processes with a Global Footprint. We produce top quality filtration solutions through stringent manufacturing processes.

Application Expertise for Any Filtration Challenge. Our ability to design a solution to fit your application begins with engineering expertise proven by hundreds of global installations.

Industrial Applications

- Drilling
- Dry Chemicals
- Carbon Black
- Cast Iron
- Grinding
- Paint Pigment
- Spices
- Welding

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