DIVERSITECH

FILTERHAWK Slim
Cartridge Dust Collectors

FILTERHAWK SLIM

CARTRIDGE DUST COLLECTORS







Robotic Welding

Welding

Sanding

Grinding

The **Filterhawk Slim** is a high-performance, space-optimized cartridge dust collector engineered for modern robotic welding environments. Built on Diversitech's proven Filterhawk technology, it delivers powerful, high-density filtration in a compact, streamlined footprint. Designed specifically for indoor use and direct-to-cell extraction, the **FH-Slim** eliminates weld fumes at the source — without the cost, complexity, or space requirements of traditional centralized systems.

Its vertical filter architecture, top inlet ducting, and slim profile make it the ideal solution for facilities looking to maximize performance while minimizing floor space, maintenance, and operational costs.

Features:

- **Space-Efficient Footprint:** Designed to fit where other systems can't — ideal for tight production environments.
- **Top Inlet Ducting Configuration:** Frees up valuable floor and side space, allowing for cleaner layouts and easier integration into robotic cells.
- **Vertical Cartridge Filter Design:** Dust is pulsed off the filters — not allowed to settle — ensuring cleaner filters, better airflow, and longer service life.
- **MERV 15 Filtration System:** High-efficiency media captures fine particulate for cleaner air and compliance.
- **Automatic Reverse Pulse Cleaning:** Maintains peak filter performance with minimal manual intervention.
- **Heavy-Duty Industrial Construction:** Built for continuous operation in demanding environments.

Benefits:

- **Get More Performance in Less Space:** High-density design and slim profile maximize airflow without sacrificing valuable floor space.
- **Reduce Operating Costs:** Longer filter life, efficient pulse cleaning, and optimized airflow mean fewer replacements and lower maintenance costs.
- **Improve Air Quality at the Source:** Direct ducting to robotic cells captures fumes before they spread — protecting both operators and equipment.

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Need a smaller footprint? Choose the Filterhawk Slim

For applications where space is at a premium, the **Filterhawk Slim** offers a compact, efficient alternative to larger dust and fume collection systems. Built for targeted source capture, it helps support cleaner work environments while fitting easily into tighter production layouts.

Compact Fume Collection for Robotic Welding

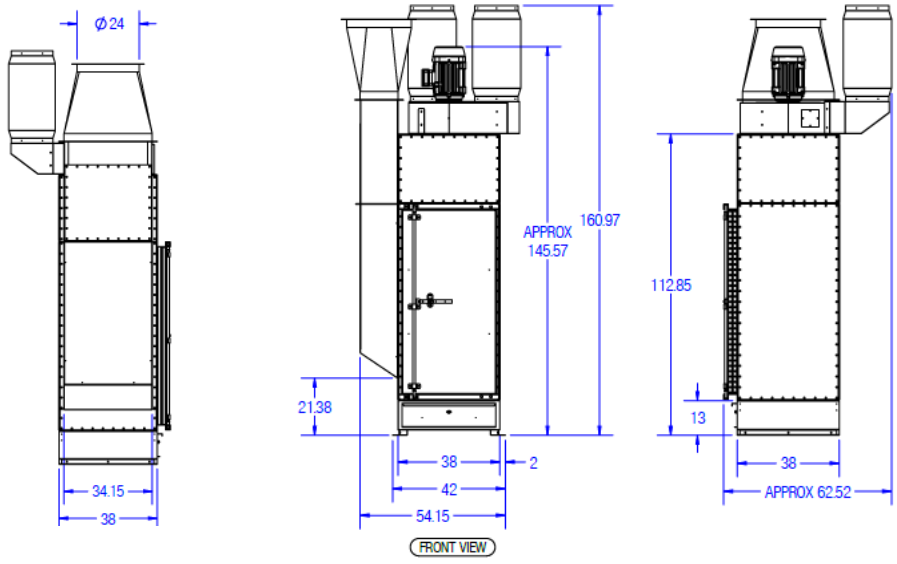
The Filterhawk Slim provides efficient fume extraction for robotic welding applications without maximizing foorprint. Designed for compact production layouts, it helps deliver the right level of filtration for individual weld cells or smaller-scale operations where a full centralized system may not be required.

Bigger requiremnts? Ask about the Filterhawk Series

Technical Specifications

Model	Nominal Airflow (CFM)	Motor		Cartridges / Filters				Dimensions (WxDxH)
		(H.P)	(p/hz)	Qty.	Area (SQFT)	Size	Type	
FH-SL-10	3000 - 5000	10.0	3/60	4	2,100	60" height	MERV 15	54" x 40" x 160"
FH-SL-15	3500 - 5500	15.0	3/60	4	2,100	60" height	MERV 15	54" x 40" x 160"
FH-SL-20	5000 - 7500	20.0	3/60	4	2,100	60" height	MERV 15	54" x 40" x 160"

Filterhawk Slim Drawing



** FH-SL-20 shown for reference*

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