Fume Eliminator 840+/860

Portable fume extraction solutions

Fume extraction where you need it

The Fume Eliminator (FE) series is a portable fume extractor intended for on-torch or source capture applications. Capturing fume at or near the source is the most effective and energy efficient solution to protect welders from the harmful effects of welding fume. The convenience and portability of the Fume Eliminator series makes it an excellent solution for confined space, service and maintenance applications.

- Convenient. Compact and lightweight makes unit easy to transport and flexible fume extraction in a variety of workspaces.
- Flexible. Adaptable for on-torch or source capture hood applications with optional models that offer further adjustability and automation options.
- Reliable. Rugged design with metal enclosure and reinforced extraction hose that hold up in industrial environments.
- Effective. Nanofiber technology offers high efficiency capture of weld fume and delivers clean air back to the workplace.

Product range to cover basic and demanding applications

FE840+

Economic model with durable construction, basic controls and high performing nanofiber filter that provides fume extraction for light-intermittent duty welding.

FE860

Enhanced model more suitable for on-torch, industrial or production applications. Adjustable airflow and optional automation settings adapt to unique extraction torch requirements and maintain weld integrity.

Next generation performance

The FE860 model is packed with new technology and features that improve welder safety and productivity through advanced controls, performance monitoring and high efficiency filters.

Easy-to-use handle

Rugged metal construction

Quick, tool-free filter replacements

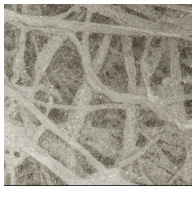
Advanced controls and monitoring

- Adjustable flow / suction
- Color coded warnings and alarms
- Automated start/stop
- Automatic flow adjustment
- Delayed stop for residual fume

Super-flex durable hose

Nanofiber Filter Technology

High-efficiency F9 (EN779) and MERV 14 (ASHRAE 52.2) rated, structurally reinforced filter protects the user from submicron particles and lasts 5x longer with 30% more increased dust holding capacity.



Sensor clamp for automatic start/stop

ISO 21904 Compliant

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Fume Eliminator

Features by Model

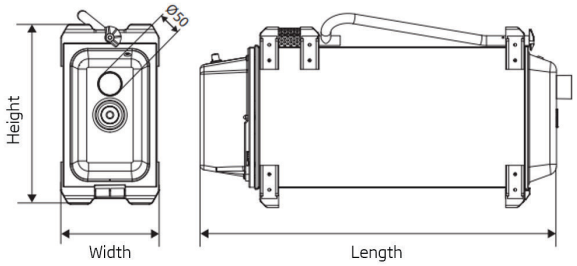
Feature	FE840 Nano	FE860
Manual start up	✓	✓
Automatic start/stop with sensor		✓
Adjustable airflow and suction for different hoods or torches		✓
Automatic airflow adjustment to maintain airflow and suction during operation		✓
Alarm notifications		✓
High efficiency, reinforced nanofiber filter	✓	✓
ISO 21904		✓

General Specifications

Model	Voltage V	Power Hp (kW)	Air Flow cfm (m^3/h)	Working Pressure in w.g. (kPa)	Filter Type	Filter Area ft^2 (m^2)	Filter Efficiency Ratings	Hose	
								Length ft (m)	Diameter (mm)
FE840+	120	1.35 (1.0)	88 (150)	64 (16)	Reinforced Nanofiber Cartridge	54 (5.3)	F9 W3 MERV 14	8.2 (2.5)	45
FE860	120	1.9 (1.4)	106 (180)	100 (25)					50

Product Dimensions

Model	Length	Width	Height	Weight
FE840+	31.5 in (800 mm)	8.7 in (222 mm)	16 in (406 mm)	30 lbs (13.6 kg)
FE860				32.6 lbs (14.8 kg)



Options and Accessories

Source capture hoods

Capture hoods with flexible metal hoses and magnetic bases that can be secured to weldment components or workstations. Several hood options available.

Superflex extraction hose

Replacement extraction hoses or extended lengths are available in 5 and 15m lengths for increased reach.

Replacement filters

High efficiency and long-lasting Nederman replacement filters that are fast and easy to replace.

Spark arrestor kit

Metal filter and plate arrangement that helps deter sparks from entering filter area reducing the risk of fires.

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