

Fume Eliminator 860

Portable high-vacuum fume extraction with advanced airflow and automation controls



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- ✓ Adjustable flow and suction settings to pair with specific torch needs.
- ✓ Real-time adaptive flow control ensures efficient fume extraction.
- ✓ A delayed stop mechanism clears residual fumes effectively.
- ✓ Effortless operation facilitated by automatic start and stop functions.
- ✓ Lightweight and robust design ensures optimal convenience and practicality.

The Fume Eliminator 860 is a portable, fume extraction solution designed for on-torch, industrial, or production welding applications with lightweight, durable construction, advanced controls and high-efficiency nanofiber filter. With adaptable airflow, optional automation settings, and a focus on maintaining weld integrity, the FE860 model is well-suited for various extraction torch requirements. These features prioritize welder safety and productivity for industrial environments.











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Certifications	CE
Standard	ISO 21904-1
Filter efficiency (%)	99.7
Installation	Indoor
Material	Sheet metal
Application	Fumes
Working pressure (in. wg)	100
Max Airflow (cfm)	106
Hose length (ft.)	8.2
Filter Area (ft ²)	54
Power Voltage (V)	120
Frequency (Hz)	60
No of phases	1
Filter type	Cartridge
Number of filter elements	1
Electric plug	US
Weight (lbs)	16
Filter cleaning method	One way filter
Power (Hp)	1.9
[ItemExtractionMethod]	on-torch
[ItemFilterChangeIndication]	False

Models

	Item no
	70842040

Accessories

	Accessory	Item no
	Metal Spark Arrestor for FE 840+/860	70282004
	Metal Spark Arrestor for FE 840+/860 with bracket/frame, securing nut & bolt and (2) cone plugs (see directions: for holes where inner coarse separator screws are removed)	70284001
	Replacement Nano Filter for Fume Eliminator FE 840 Plus and FE 860	70377313
	Superflex Hose - D = 2 in (50 mm) L = 16 ft (5 m) - Black PVC-CP with Embedded Spring Steel Coil - Flame Retardant Outer Layer	70377340
	Superflex Hose - D = 2 in (50 mm) L = 8 ft (2.5 m) - Black PVC-CP with Embedded Spring Steel Coil - Flame Retardant Outer Layer	70377336
	Superflex Hose - D = 2 in (50 mm) L = 49 ft (15 m) - Black PVC-CP with Embedded Spring Steel Coil - Flame Retardant Outer Layer	70377339
	Fume Eliminator Funnel Nozzle TM-80 - Diameter = 3.25 in (80 mm) Length = 20 in (500 mm)	70851000
	Fume Eliminator Flanged Nozzle PM-300 - Slot Width = 12 in (300 mm) Slot Height = 1.25 in (30 mm)	70853000
	Fume Eliminator Fishtail Funnel Nozzle TM-200 - Length = 23 in (570 mm) Slot Width 8 in (200 mm) Slot Height = 1.25 in 30 mm)	70854000
	M50 Hose Connection for FE 860 - D = 2 in (50 mm)	70377337