

Fume Eliminator 860

Portable source capture for on-torch extraction



The Fume Eliminator 860 is designed to be carried to the working area. Although it can be used with a nozzle, it is specifically developed for on-torch applications - connected directly to the welding torch, it extracts the fume directly at the source. The FE 860 has a knob to set the desired suction level, an automatic start/stop function, which starts the unit as soon as the welding begins and significantly improved motor performance (versus the FE840/841).

The FE 860 is suitable for extraction of fume in maintenance welding applications and is compliant with ISO 21904 (W3).

- Portable and easy to carry.
- Automatically maintains the set extraction flow - ideal for on-torch applications
- Warnings at malfunction and when the filter is 85% and 100% full
- High efficiency Nanofiber filter protecting the user from submicron particles. F9 (EN 779) MERV 14 (ASHRAE 52.2)
- Designed for torches requiring max 18 kPa at connection point - according to ISO 21904

Product name	Fume Eliminator 860
Filter efficiency (%)	99,7
Installation	Indoor
Application	Fumes
Working pressure (kPa)	25
Max Airflow (m3/h)	180
Hose length (m)	2,5
Filter Area (m²)	5,3
No of phases	1
Filter type	Cartridge
Number of filter elements	1
Filter material	Cellulose with nanofiber
Working pressure (kPa)	25
Max vacuum (kPa)	
Weight (kg)	16
Filter cleaning method	One way filter
Hose length (m)	
Hose diameter (mm)	50
Note	Hose outlet on the clean air side



Fumes












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Description	Power Voltage (V)	Frequency (Hz)	Electric plug	Power (kW)	Model
FE860 Nano 230V EU	230	50	Euro (CEE 7/2 P+E)	1,3	70842010
FE860 Nano 230V UK	230	50	UK	1,3	70842020
FE860 Nano 110V UK	120	50/60	UK	1,25	70842030
FE860 Nano 120V US	120	60	US	1,25	70842040
FE860 Nano 230V EU Hose discharge	230	50	Euro (CEE 7/2 P+E)	1,3	70842050*

**Hose outlet on the clean air side*

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Accessory		Part No
	Metal filter for FE 840/841/860	70282004
	Metal filter compl. for FE 840/841/860	70284001
	Filter nano disposable	70377313
	Hose superflex crushproof Ø50 5m	70377340
	Hose superflex crushproof Ø50 2,5m	70377336
	Hose superflex crushproof Ø50 15m	70377339
	Funnel nozzle TM-80	70851000
	Flange nozzle PM-300	70853000
	Funnel nozzle TM-200	70854000
	Hose connection M50 Ø50	70377337