

Fume Eliminator 24/7

Mobile High Vacuum Fume Extractor

Fume extraction where you need it

The Fume Eliminator (FE) 24/7 is a mobile, high vacuum fume extractor designed for continuous duty 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. With a small footprint and robust performance, the FE 24/7 is an ideal solution for production welding or automated welding with robots or cobots.

- **Powerful.** Side channel blower with robust airflow and pressure capabilities provide adequate extraction and long filter life.
- **Automation.** Available with automatic start/stop, automatic filter cleaning and flow maintenance to keep you safe and productive.
- **Flexible.** Mobile with suite of options and connections support connection of device to wide range of hoods and welding torches.
- **Safe.** Integrated spark arrestor reduces the risk of fires of damaged cartridge filter.



Models available for one or two torch applications



FE 24/7 1.5

230V, 1-phase version for single torch applications.



FE 24/7 2.5

400V, 3-phase version with additional capacity for one or two torch applications (two inlets).

Designed for production welding applications

The features of the FE 24/7 help make the system effective, easy to apply and convenient to apply.



General Specifications

Model	Power Supply	Power kW	Air Flow m ³ /h (cfm)	Working Pressure kPa (in w.g.)	Noise Level dB (A)	Filter Specification			
						Type	Material	Area m ² (ft ²)	Efficiency
FE 24/7 1.5	230V, 1PH, 50Hz	1,5	190 (112)	35 (140)	72	Cartridge	Polyester	5 (54)	Class M, W3 >99%
FE 24/7 2.5	380-480V 3PH 50-60Hz	2,5	270 (159)	37.5 (150)	73				

Product Dimensions

Model	Length mm (in)	Width mm (in)	Height mm (in)	Weight kg (lb)	Plug type
FE 24/7 1.5	720 (28)	470 (19)	660 (26)	42 (92)	Euro / UK
FE 24/7 2.5	760 (30)	530 (21)	680 (27)	59 (130)	CEE

Options and Accessories



Source capture nozzles

Flexible metal hose with extraction nozzle and magnetic base that can be secured near weld source.



Extraction nozzle with hose connector and base mounting bracket to be secured near source (optional mounting magnet).



Flexible metal hose and hood with magnetic base that can be secured to weldment or workstation.



Superflex extraction hose

Durable exhaust hose available in ø45mm and ø50 mm and 5 m (16.4 ft) lengths.



Ball valve

Optional flow control and balancing valve Available in ø45 and ø50 mm.



Sensor clamp

Current sensing clamp to automatically start/stop the FE24/7 model (option).



Replacement filters

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