

## FE 24/7 1.5

Mobile unit for continuous welding application. Fumes extracted directly at the torch



The FE 24/7 1.5 is a mobile high vacuum unit designed to extract welding fumes in a continuous basis. Connected to a welding torch with integrated extraction or to an extraction nozzle, the FE 24/7 1.5 unit extracts the fumes directly at source. Automatic filter cleaning, side channel fans with high capacity and all special values that a Nederman product offers.

Upgrade with automatic start/stop function is available for user-friendly operation and improved energy efficiency.

The unit comes with 5m electric cable with EU or UK plug.


- Fumes are extracted efficiently during long shifts of welding thanks to the continuous run, efficient and maintenance-free side channel blower.
- Easy adjustment of air flow depending on application improves productivity and energy efficiency.
- Efficient and automatic filter cleaning assures long filter life for low operating cost.
- Integrated spark trap protects the FE 24/7 from sparks and minimizes the risk of damages to the filter cartridge.
- Filtered air can be re-circulated even when particulates are from high alloy steel. The unit is W3 approved (EN 15012).

Product name	FE 24/7 1.5
Noise level (dB(A))	72
Filter efficiency (%)	99
Installation	Indoor
Material	Sheet metal
Filter cleaning method	Compressed air
Application	Fumes
Working pressure (kPa)	35
Max Airflow (m <sup>3</sup> /h)	190
Filter Area (m <sup>2</sup> )	5
Power Voltage (V)	230
Frequency (Hz)	50 / 60
No of phases	1
Filter type	Cartridge
Number of filter elements	1
Filter material	Polyester
Electric plug	Euro (CEE 7/2 P+E)
Noise level (dB(A))	72
Weight (kg)	42
Power (kW)	1,5



Fumes

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Image	Description	Model
	FE 24/7 1.5	55999400

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	Accessory	Part No
	Sensor clamp for welding cable, automatic start/stop.	55999410
	Hose Superflex ø 45mm, black, 5m	55999411
	Hose PE, Black. Ø51mm. 5m	55999412
	Funnel nozzle TM-200	55999413
	Nozzle CWN-S 105/50L silencer	55999414*
	CWN-S 105/50 nozzle silencer, connection D=50 mm, airflow 250 m <sup>3</sup> /h, suction diameter 105 mm	55999415**
	M50-50P Male coupling Ø 50 mm for hose Ø 50 mm	55999416
	F50-50P Female coupling Ø 50 mm for hose Ø 50 mm	55999417
	M50-44P Male coupling Ø 50 mm for hose Ø 44 mm	55999418
	Magnetic foot for CWN and FWN nozzles	55999419
	Replacement filter cartridge (incl. small filter and plastic bag)	55999430
	Filter for bypass cooling air (set of 5 pcs)	55999431
	Plastic bag for dust bin, 10 pcs	55999432
	Branch coupler BC50-50-50 for two users	55999420
	Ball valve 51mm PVC complete	55999421
	Ball valve 44mm PVC complete	55999422

\*Noise reducing nozzle with flexible steel tube extension. For mounting on balance arms, magnet or suction base.

\*\*Noise reducing nozzle. For mounting on balance arms, magnet or suction base.

## FE 24/7 1.5



Accessories configuration for one user, 45mm welding machine connection.

- (1) Hose Coupler M50-44P, art.no. 55999418
- (2) Hose Superflex Ø45mm Black 5m, art.no. 55999411
- (3) Nozzle TM-200 Funnel, art.no. 55999413
- (13) Sensor Clamp with plug for automatic start/stop, art.no. 55999410

## FE 24/7 1.5



Accessories configuration for one user, 50mm welding machine connection.

- (4) Hose Coupler M50-50P, art.no. 55999416
- (5) Hose PE-51 L=5m, art.no. 55999412
- (6) Hose Coupler F50-50P, art.no. 55999417
- (7) Nozzle CWN-S 105/50 Silencer, art.no. 55999415
- (8) Nozzle CWN-S 105/50L Silencer, art.no. 55999414
- (9) Magnetic foot for nozzle CWN-S, art.no. 55999419
- (13) Sensor Clamp with plug for automatic start/stop, art.no. 55999410

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