

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 ³ /h) | 190 |
| Filter Area (m ²) | 5 |
| Filter type | [cartridge] |
| Number of filter elements | 1 |
| Filter material | Polyester |
| Electric plug | UK |
| Noise level (dB(A)) | 72 |
| Weight (kg) | 42 |
| Power (kW) | 1,5 |



Fumes

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| Image | Description | Power Voltage (V) | Frequency (Hz) | No of phases | Model |
|---|--|-------------------|----------------|--------------|------------|
|  | FE 24/7 1.5 UK | 230 | 50 / 60 | 1 | 55999402 |
|  | Fume Eliminator 24/7, 380-480V 50-60Hz, 3-phase, 50 Hz, 1,5 kW | 380-480 | 50 / 60 | 3 | 55999403 |
|  | | 415 | 50/60 | 3 | 676000101* |
|  | | 240 | 50/60 | 1 | 676000100* |

*Including Auto start Stop cable, 5mx51mm hose

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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, connection D=50 mm, airflow 250 m ³ /h | 55999414* |
|  | CWN-S 105/50 nozzle silencer, connection D=50 mm, airflow 250 m ³ /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.

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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

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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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