

OMF 4000

FibreDrain® oil mist collector for continuous operation



OMF 4000

- ✓ Three filter stages, optional pre-filter
- ✓ Gauges for reading of pressure drop over each filter stage
- ✓ Extension legs
- ✓ Two inlet \varnothing 315 mm with clamp ring connection



Nederman FibreDrain® OMF oil mist collectors are designed to handle large amounts of emulsion mist during continuous operation. They are developed with focus on high efficient filtration together with low maintenance cost.

Nederman FibreDrain® OMF 4000 has as standard 3 filter-stages where the first stage consists of filter cassettes with Nederman's FibreDrain® technology. Nederman have a wide range of different types of filters to suit many different kind of applications. The second stage consists of a HEPA filter in filter class H13 with an efficiency of 99,95% for MPPS according to EN1822. All tower built Nederman FibreDrain® OMF units are prepared for use of pre filter. OMF 4000 have a top mounted radial fan.

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| | |
|-----------------------------|--|
| Certifications | CE |
| Standard | 2009/125/EC |
| Volume (for shipping) (m³) | 5.78 |
| Noise level (dB(A)) | 50/ 60 Hz: 70 dB(A) @1,5 m from service side with silencer |
| Protection class | IP55 |
| Filter efficiency (%) | 99.95 |
| Installation | Indoor |
| Material | Sheet metal, painted both in- and outside. |
| Working pressure (kPa) | Max 4000 Pa |
| Capacity (max airflow m³/h) | 4000 |
| Operating Temperature | 60 deg C (limited by filter) |
| No of phases | 3 |
| Number of filter elements | 6 |
| Colour | NCS-S 1005 B20G |
| Weight (kg) | 355 |
| Power (kW) | 7,5 |

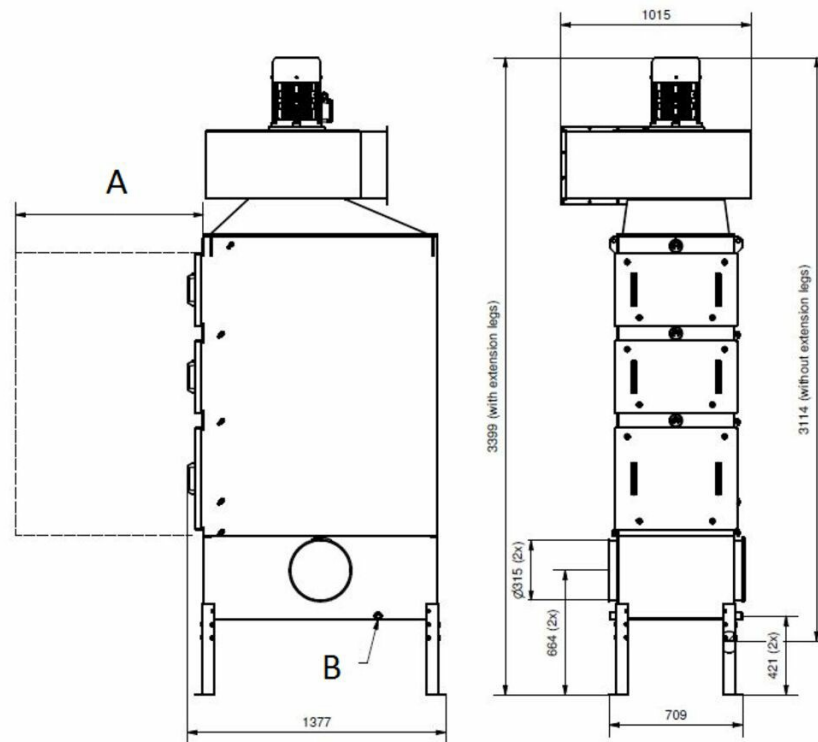
Models

| | Item no | Power voltage (V) | Frequency (Hz) | Amperage (A) |
|---|-------------------------|-------------------|----------------|--------------|
|  | 12400030 ^[1] | 400/690 | 50 | 13 / 7,5 |
|  | 12400964 ^[1] | 460 | 60 | 14.2 |

^[1] Plus 2 optional filter elements. Incl extension legs.

Accessories

| | Accessory | Item no |
|---|--|----------|
|  | Drain pump box, 50 Hz | 12400054 |
|  | Drain container with piping | 12400764 |
|  | OMF/OSF Silencer 90/Ø315 | 12400016 |
|  | Transition NF 7,5 kW / Ø 315 / 1005 | 12400988 |
|  | FibreDrain Pre Filter ORF 610x610x96 G4 | 12400039 |
|  | FibreDrain Filter 1 OMF; 600x600x292mm | 12400009 |
|  | FibreDrain Filter 2 OMF; 600x600x292mm | 12400010 |
|  | Hepa DCM H13 610x610x292 mm | 12400012 |
|  | FibreDrain Pumpbox KTF82-200 / 50Hz | 12401330 |
|  | OSF/OMF Instruction manual for mounting system for electric components | 12401342 |
|  | OMF/OSF/MQL mounting system for electrical components | 12401341 |
|  | Frequency inverter with 5kPa pressure sensor. 7,5kW. IP66 enclosure | 73008917 |
|  | Frequency inverter with 5kPa pressure sensor. 11kW. IP66 enclosure. | 73008918 |



A) 1000 min filler service space B) Drainage DN25 (2x)