

OMF 4000

FibreDrain® oil mist collector for continuous operation.



The Nederman OMF (Oil Mist Filter) is designed to handle large amounts of oil mist during continuous operation. They are engineered for high efficiency filtration coupled with lower maintenance costs.


The OMF 4000 has an external, top mounted, fan assembly and three-stage filtration, as standard. The first two stages consist of filter cassettes with Nederman's FibreDrain® technology. The third stage is a class H13 HEPA filter with a 99.95% efficiency for MPPS, per EN1822. All tower-style OMF units are designed to accept an optional pre-filter. Nederman offers a wide selection of filters to fit a range of different applications.

- Three filter stages, optional pre-filter
- Gauges for reading of pressure drop over each filter stage
- Extension legs
- Two (2) Ø315mm inlet locations, one blanked using clamp ring connection.

| | |
|-----------------------------|---|
| Product name | OMF 4000 |
| Standard | 2009/125/EC |
| Volume (for shipping) (ft³) | 204.12 |
| Noise level (dB(A)) | 70 dB(A) @ 5' from service side, with optional external silencer. |
| Protection class | IP55 |
| Filter efficiency (%) | 99,95 |
| Installation | [Indoor] |
| Material | Sheet metal, painted inside and outside. |
| Working pressure (psi) | 16.0" (External) |
| Capacity (max airflow cfm) | 2354 |
| Operating Temperature | 140° F (limited by filter media). |
| Power Voltage (V) | 460 |
| Frequency (Hz) | 60 |
| No of phases | 3 |
| Number of filter elements | 6 |
| Amperage (A) | 14.2 |
| Colour | NCS-S 1005 B20G |
| Weight (lbs) | 783 |
| Power (Hp) | 10.0 HP (7.5 kW) *Requires external starter (not included). |
| Note | Plus 2 optional filter elements. Incl extension legs. |












OMF 4000

| [image] | Description | [model] |
|---|--|-----------|
|  | OMF 4000, Inlet 2 x ø 315 mm clamp ring left or right. Drain 2 x 1" Female | 12400964* |

**Plus 2 optional filter elements. Incl extension legs.*

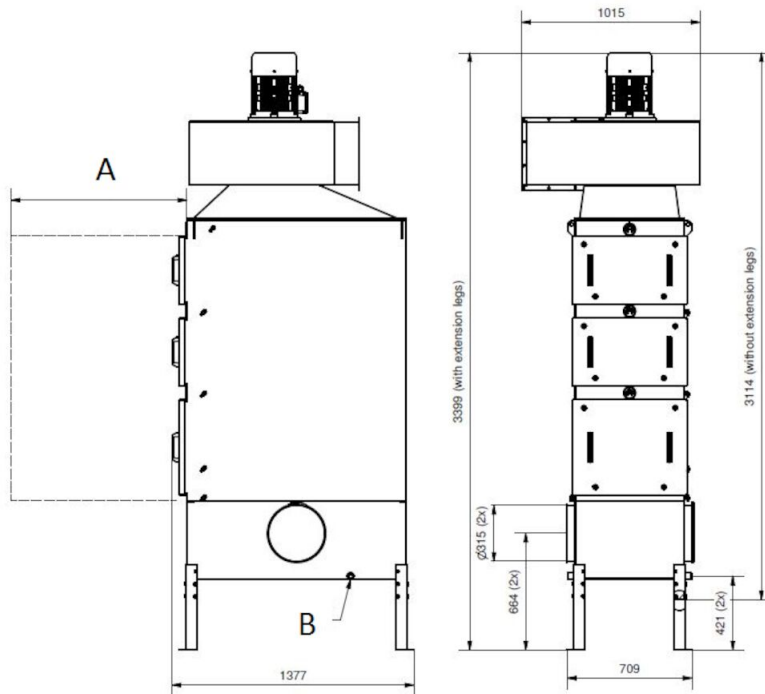
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| | [accessory] | [partno] |
|---|--|------------|
|  | Drain container with piping | 12400764* |
|  | Silencer 90° Ø315 | 12400016 |
| | Transition NF 7,5 kW / Ø 315 / 1005 | 12400988 |
|  | Optional FibreDrain Pre Filter ORF 610x610x96 mm. | 12400039 |
|  | HEPA Filter H13; 610x610x292 mm | 12400012 |
|  | Drain pump box, 60 Hz, 10 litre/min at 5m, excluding controller | 12401329** |
|  | 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 | 73008917 |
|  | Frequency inverter with 5kPa pressure sensor. 11kW | 73008918 |

*Drain connection must be elevated min 420mm from container support level

**Controller available on request.

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A) 1000 min filler service space

B) Drainage DN25 (2x)