

OMF 1000-2

FibreDrain® oil mist collector for continuous operation.



Nederman OMF oil mist eliminators 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 OMF 1000-2 has as standard 2 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 OMF units are prepared for use of pre filter. OMF 1000-2 have an built-in radial fan.

- Two filter stages, optional pre-filter
- Gauges for reading of pressure drop over each filter stage
- Extension legs
- Two inlet \varnothing 200 mm with clamp ring connection
- Starter and motor protection included

| | |
|--|--|
| Product name | OMF 1000-2 |
| Standard | 2009/125/EC |
| Volume (for shipping) (m ³) | 2.16 |
| Noise level (dB(A)) | 50 Hz: 66 dB(A) @1,5 m from service side 60 Hz: 69 dB(A) @1,5 m from service side |
| Protection class | IP55 |
| Filter efficiency (%) | 99,95 |
| Installation | [Indoor] |
| Material | Sheet metal, painted both in- and outside. |
| Filter cleaning method | Self-Draining |
| Working pressure (kPa) | Max 2500 Pa |
| Capacity (max airflow m ³ /h) | 1000 |
| Operating Temperature | 40 deg C (inbuilt fan) |
| Power Voltage (V) | 230/400 |
| Frequency (Hz) | 50 |
| No of phases | 3 |
| Number of filter elements | 2 |
| Amperage (A) | 4,2 / 2,4 |
| Colour | NCS-S 1005 B20G |
| Weight (kg) | 200 |
| Power (kW) | 1,1 |
| Note | Plus 1 optimal filter element. Incl extension legs |













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| Image | Description | Model |
|---|--|-----------|
|  | OMF 1000-2, Inlet 2 x Ø200 clamp ring left or right. Drain 2 x 1" Female | 12400024* |

**Plus 1 optimal filter element. Incl extension legs*

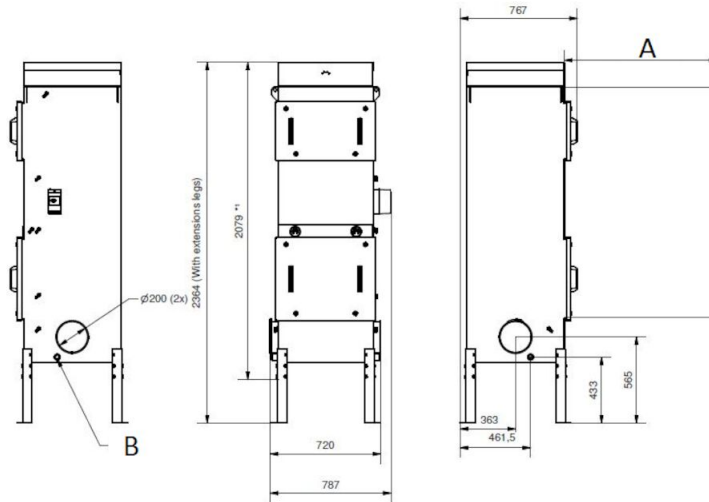
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| | Accessory | Part No |
|---|--|------------|
|  | Drain pump box, 50 Hz | 12400054* |
|  | Drain container with piping | 12400764** |
|  | Optional FibreDrain Pre Filter ORF 610x610x96 mm. | 12400039 |
|  | HEPA Filter H13; 610x610x292 mm | 12400012 |
|  | Outlet transition, ø 200 mm, for OSF 1000 / OSF 1000-2 / OMF 1000-2 / OMF 2000 | 12400904 |
|  | Outlet transition, ø 250 mm for OSF1000 / OSF1000-2 / OMF1000-2 / OMF2000 | 12400905 |
|  | Outlet transition, ø 315 mm for OSF1000 / OSF1000-2 / OMF1000-2 / OMF2000 | 12400906 |
|  | FibreDrain Filter 2 OMF; 600x600x292 mm | 12400010 |
|  | Drain pump box, 50 Hz, 10 litre/min at 10m, including controller | 12401330 |
|  | Frequency inverter with 2 kPa pressure sensor. 1,5kW | 73008913 |

*Drain connection must be elevated min 200 mm from pump box support level

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

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A) 1000 min filler service space

B) Drain stud (x2)