

OMF 4000

FibreDrain® oil mist collector for continuous operation.



Nederman 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 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 OMF units are prepared for use of pre filter. OMF 4000 have a top mounted radial fan.

- 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

Product name	OMF 4000
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)
Power Voltage (V)	400/690
Frequency (Hz)	50
No of phases	3
Number of filter elements	6
Amperage (A)	13 / 7,5
Colour	NCS-S 1005 B20G
Weight (kg)	355
Power (kW)	7,5
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	12400030*

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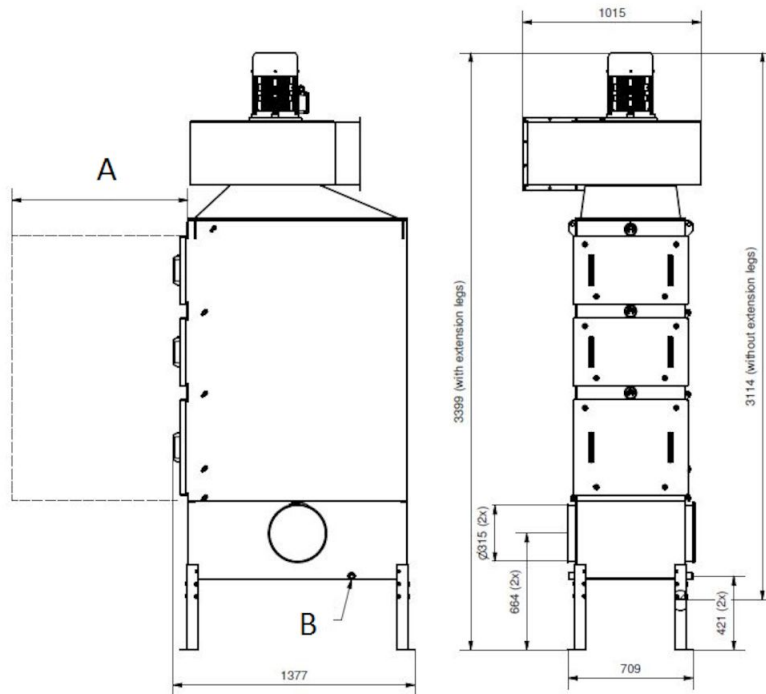
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	[accessory]	[partno]
	Drain pump box, 50 Hz, 10 litre/min at 5m, including controller	12400054*
	Drain container with piping	12400764**
	Frequency Inverter 7,5 kW incl transmitter 0 - 2 kPa	12400822
	Silencer 90° Ø 315 mm	12400016
	Transition NF 7,5 kW / Ø 315 / 1005	12400988
	Optional FibreDrain Pre Filter ORF 610x610x96 mm.	12400039
	FibreDrain Filter 1 OMF; 600x600x292 mm	12400009
	FibreDrain Filter 2 OMF; 600x600x292 mm	12400010
	HEPA Filter H13; 610x610x292 mm	12400012
	Drain pump box, 50 Hz, 10 litre/min at 10m, including controller	12401330
	OMF/OSF/MQL mounting system for electrical components	12401341

*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) Drainage DN25 (2x)