

## OMF 6000

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 6000 has as standard 3 filter-stages where the first 2 stages 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 third 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 6000 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 inlet ø 400 mm with clamp ring connection

<b>Product name</b>	OMF 6000
<b>Standard</b>	2009/125/EC
<b>Volume (for shipping) (m³)</b>	9.48
<b>Noise level (dB(A))</b>	50/ 60 Hz: 70 dB(A) @1,5 m from service side with ext. Silencer
<b>Protection class</b>	IP55
<b>Filter efficiency (%)</b>	99,95
<b>Installation</b>	[Indoor]
<b>Material</b>	Sheet metal, painted both in- and outside.
<b>Working pressure (kPa)</b>	Max 4500 Pa
<b>Capacity (max airflow m3/h)</b>	6000
<b>Operating Temperature</b>	60 deg C (limited by filter)
<b>Power Voltage (V)</b>	400/690
<b>Frequency (Hz)</b>	50
<b>No of phases</b>	3
<b>Number of filter elements</b>	9
<b>Amperage (A)</b>	19,5 / 11,3
<b>Colour</b>	NCS-S 1005 B20G
<b>Weight (kg)</b>	580
<b>Power (kW)</b>	11
<b>Note</b>	Plus 2 optional filter elements. Incl extension legs.



## OMF 6000

[image]	Description	[model]
	OMF 6000, Inlet 2 x ø 400 mm clamp ring left or right. Drain 2 x 1" Female	12400036*

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

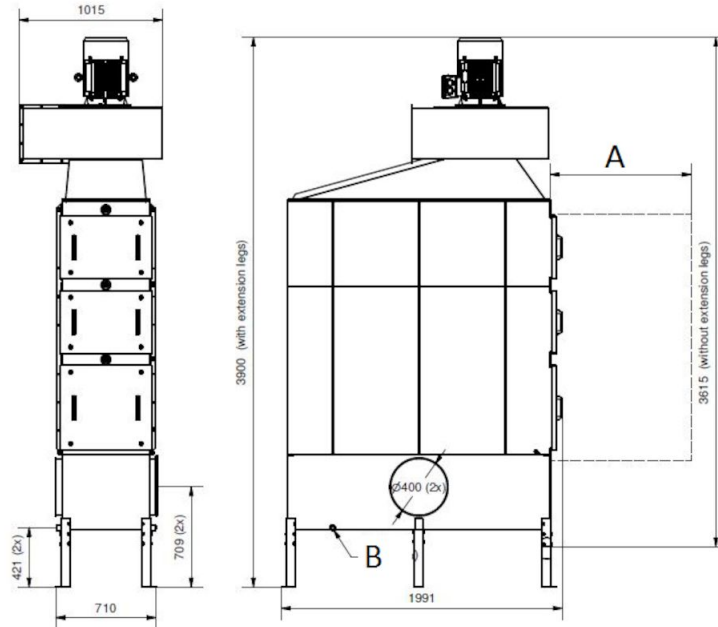
## OMF 6000

	[accessory]	[partno]
	Drain pump box, 50 Hz, 10 litre/min at 5m, including controller	12400054*
	Drain container with piping	12400764**
	Frequency Inverter 11 kW incl transmitter 0 - 2 kPa	12400823
	Silencer 90° Ø 500 mm	12400038
	Transition NF 11 kW / Ø500 / 1005	12400989
	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 mm filter service space

B) Drainage DN25 (2x)