

OMF 2x4000 SM

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 2x4000 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 2x4000 have an built-in radial fan.

- Three filter stages, optional pre-filter
- Gauges for reading of pressure drop over each filter stage
- Drain: 4 off 1 1/2"
- Non-vibration fan suspension system

Product name	OMF 2x4000 SM
Standard	2009/125/EC
Volume (for shipping) (m³)	10.6
Noise level (dB(A))	<70 dB(A) @1,5 m from service side with optional fan enclosure and silencer
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 4500 Pa
Capacity (max airflow m3/h)	8000
Operating Temperature	60 deg C (limited by filter)
Power Voltage (V)	400/690
Frequency (Hz)	50
No of phases	3
Number of filter elements	12
Amperage (A)	19,5 / 11,3
Colour	NCS-S 1005 B20G
Weight (kg)	1140
Power (kW)	11
Note	Plus 4 optional filter elements.



OMF 2x4000 SM

[image]	Description	[model]
	OMF 2x4000, Inlet flange 450x450mm left. Drain 4 x 1 ½" Female.	12401151*
	OMF 2x4000, Inlet flange 450x450mm right. Drain 4 x 1 ½" Female.	12401152*

*Plus 4 optional filter elements.

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	[accessory]	[partno]
	Drain pump box, 50 Hz	12400054*
	Drain container with piping	12400764**
	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
	Inlet adapter OSF 4x2000, OMF 2x4000	12401161
	Extension structure OSF 2x2000, OMF 2x4000	12401164
	Fan enclosure 2 filters in depth	12401109
	Silencer 90° Ø 500 mm	12400038
	Frequency Inverter 11 kW incl transmitter 0 - 2 kPa	12400823
	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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OMF 2x4000 assembly of options:



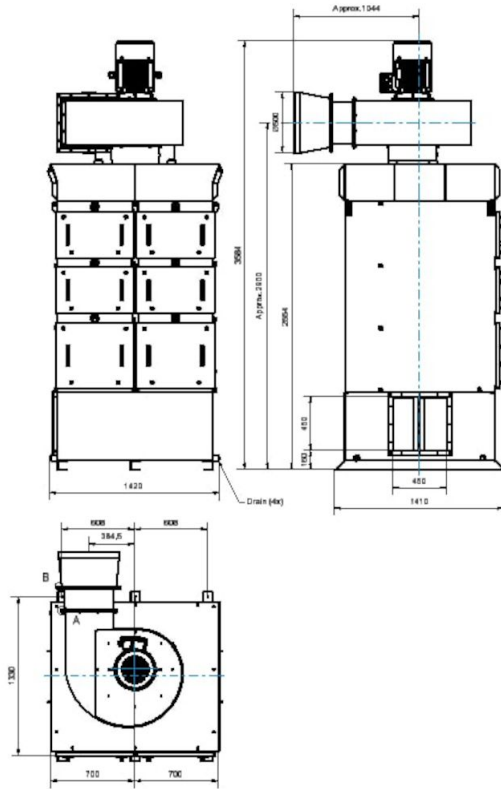
OMF 2x4000 SM

OMF 2x4000 complete with options:



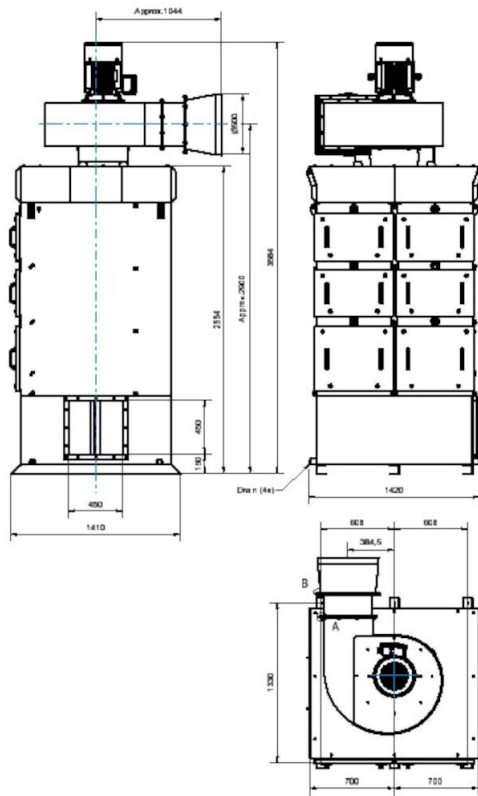
OMF 2x4000 SM

OMF 2x4000 with inlet from left side:



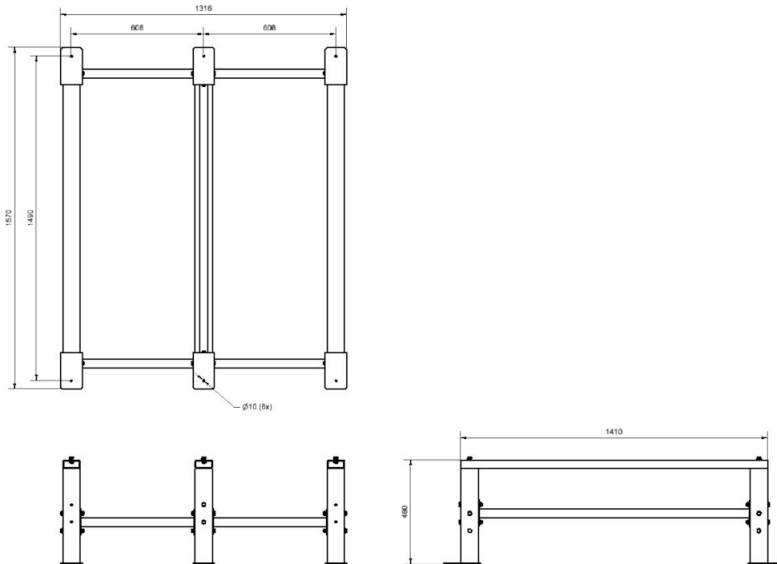
OMF 2x4000 SM

OMF 2x4000 with inlet from right side:

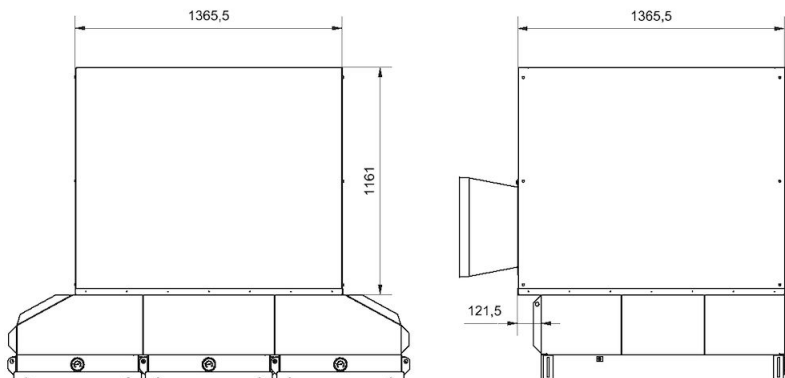


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Dimension Extension Structure OSF2x2000_OMF2x4000,
accessory 12401164:



Dimension Fan Enclosure OSF2x2000_3x2000_4x2000_5x200_OMF2x4000_4x4000,
accessory 12401109:



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Dimension Inlet Adapter OSF4x2000_OMF2x4000,
accessory 12401161:

