

OMF 3x4000 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 3x4000 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 3x4000 have a top mounted 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 3x4000 SM
Standard	2009/125/EC
Volume (for shipping) (m³)	17.9
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 4600 Pa
Capacity (max airflow m3/h)	12000
Operating Temperature	60 deg C (limited by filter)
Power Voltage (V)	400/690
Frequency (Hz)	50
No of phases	3
Number of filter elements	18
Amperage (A)	26 / 15,1
Colour	NCS-S 1005 B20G
Weight (kg)	1925
Power (kW)	15
Note	Plus 6 optional filter elements.



OMF 3x4000 SM

[image]	Description	[model]
	OMF 3x4000, Inlet flange 560x560mm left. Drain 4 x 1 ½" Female.	12401153*
	OMF 3x4000, Inlet flange 560x560mm right. Drain 4 x 1 ½" Female.	12401154*

*Plus 6 optional filter elements.

OMF 3x4000 SM

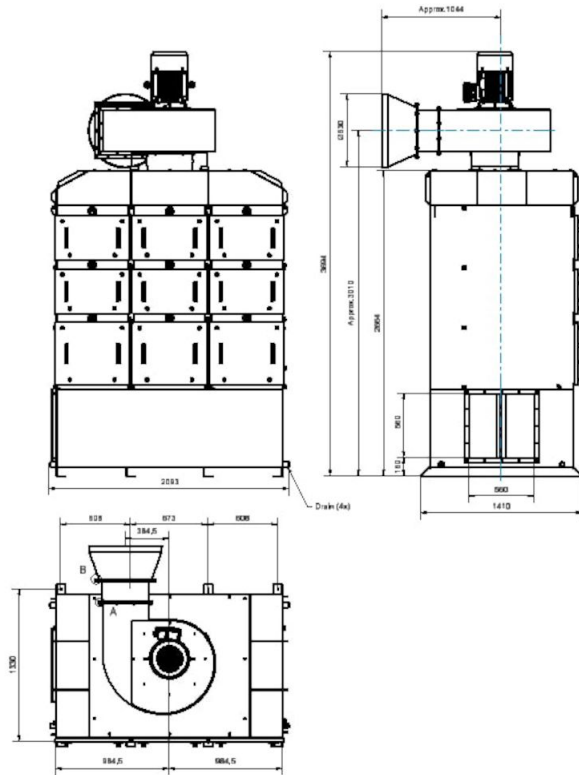
	[accessory]	[partno]
	Drain pump box, 50 Hz	12400054*
	Drain container with piping	12400764**
	Optional FibreDrain Pre Filter ORF 610x610x96 mm.	12400039
	FibreDrain Filter 1 OMF; 600x600x292 mm	12400009
	FibreDrain Filter 2 OMF; 600x600x292 mm	12400010
	HEPA Filter H13; 610x610x292 mm	12400012
	Inlet adapter OSF 4x3000, OMF 3x4000, OMF 2x6000	12401163
	Extension structure OSF 3x2000, OMF 3x4000	12401165
	Fan enclosure 2 filters in depth	12401109
	Silencer 90° Ø 630 mm	12401159
	Frequency Inverter 15 kW incl transmitter 0-2 kPa	12401106
	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

OMF 3x4000 SM

OMF 3x4000 with inlet from left side:



OMF 3x4000 SM

OMF 3x4000 complete with options:



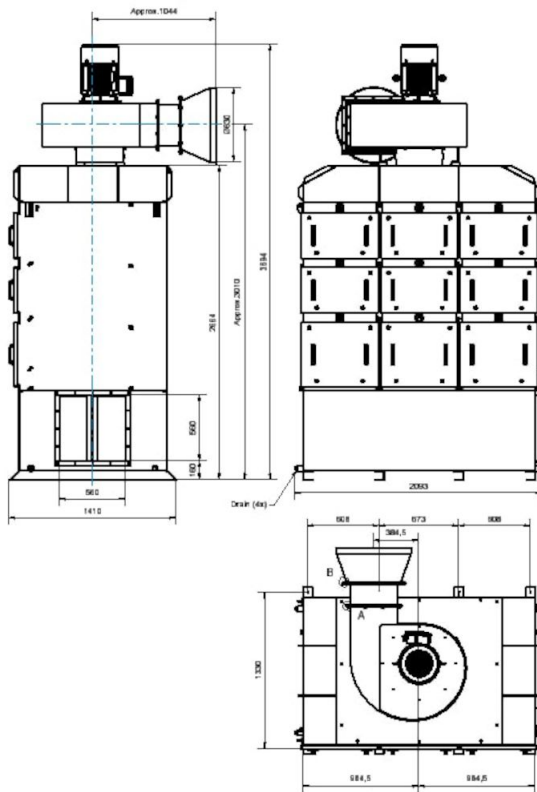
OMF 3x4000 SM

OMF 3x4000 assembly of options:



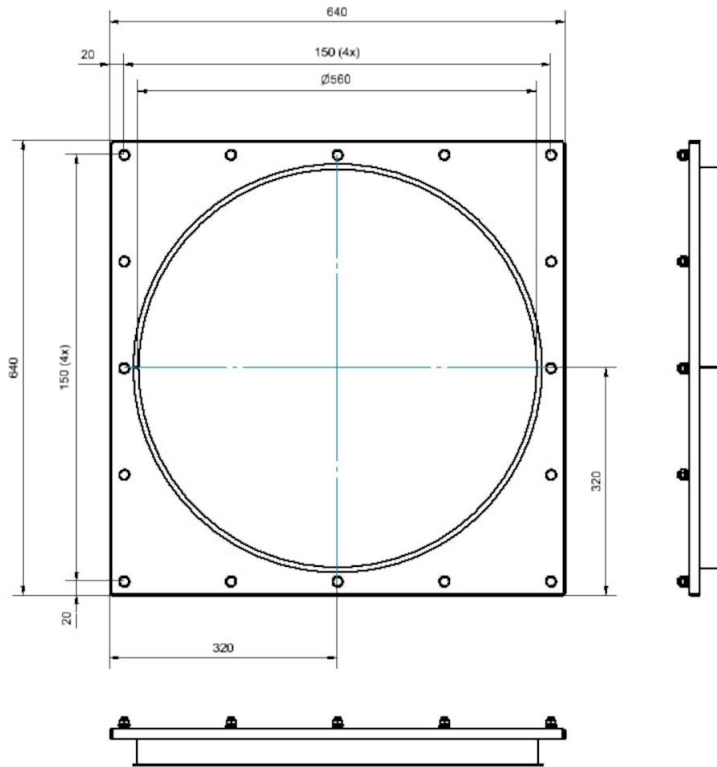
OMF 3x4000 SM

OMF 3x4000 with inlet from right side:

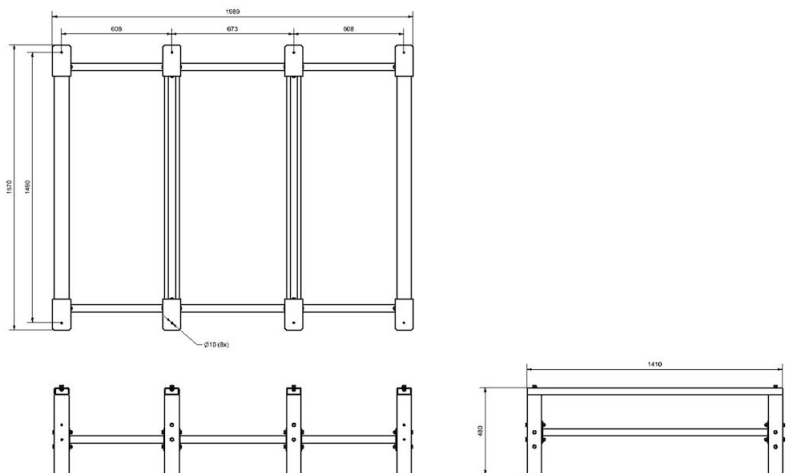


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Dimension Inlet Adapter OSF4x3000_OMF3x4000_2x6000,
accessory 12401163:



Dimension Extension Structure OSF3x2000_OMF3x4000,
accessory 12401165:



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Dimension Fan Enclosure_OSF2x2000_3x2000_4x2000_5x200_OMF2x4000_4x4000,
accessory 12401109:

