

OSF 3x2000 SM

FibreDrain® oil smoke collector for continuous operation.



Nederman FibreDrain® OSF oil smoke collectors are designed to handle large amounts of neat oil mist during continuous operation. They are developed with focus on high efficient filtration together with low maintenance cost.



Nederman FibreDrain® OSF 3x2000 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 FibreDrain® OSF units are prepared for use of pre filter. OSF 3x2000 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	OSF 3x2000 SM
Standard	2009/125/EC
Volume (for shipping) (m³)	17.6
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)	6000
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)	19,5/11,3
Colour	NCS-S 1005 B20G
Weight (kg)	1920
Power (kW)	11
Note	Plus 6 optional filter element.



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Image	Description	Model
	OSF 3x2000, Inlet flange 560x560mm left. Drain 4 x 1 1/2" Female.	12401143*
	OSF 3x2000, Inlet flange 560x560mm right. Drain 4 x 1 1/2" Female.	12401144*

*Plus 6 optinal filter element.

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Accessory		Part No
	Drain pump box, 50 Hz, 10 litre/min at 5m, including controller	12400054*
	Drain container with piping	12400764**
	Optional FibreDrain Pre Filter ORF 610x610x96 mm.	12400039
	FibreDrain Filter 1 OSF; 600x600x292 mm	12400006
	FibreDrain Filter 2 OSF; 600x600x292 mm	12400007
	HEPA Filter H13; 610x610x292 mm	12400012
	Inlet adapter OSF 3x2000	12401137
	Extension structure OSF 3x2000, OMF 3x4000	12401165
	Fan enclosure 2 filters in depth	12401109
	Silencer 90° Ø 500 mm	12400038
	Drain pump box, 50 Hz, 10 litre/min at 10m, including controller	12401330
	OSF/OMF Instruction manual for mounting system for electric components	12401342
	OMF/OSF/MQL mounting system for electrical components	12401341
	Frequency inverter with 5kPa pressure sensor. 11kW	73008918
	Frequency inverter with 5kPa pressure sensor. 15kW	73008919

*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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OSF 3x2000 assembly of options:



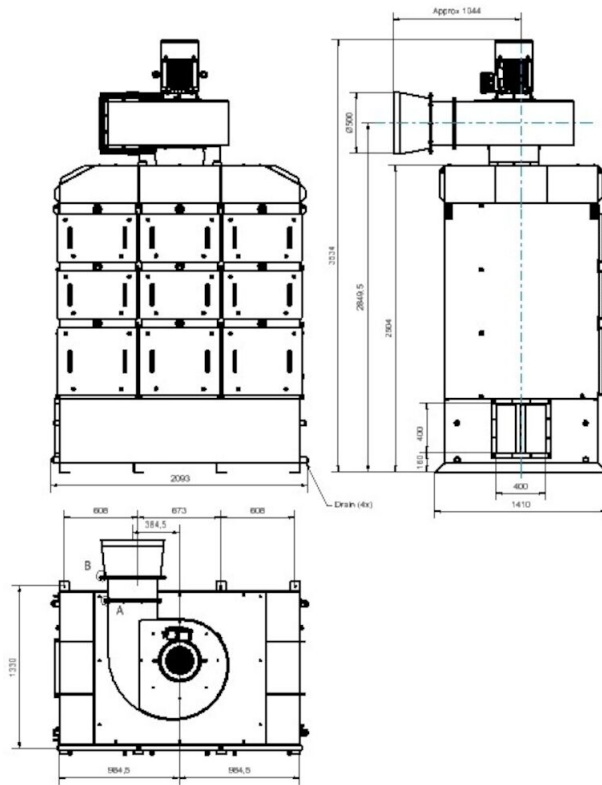
OSF 3x2000 SM

OSF 3x2000 complete with options:



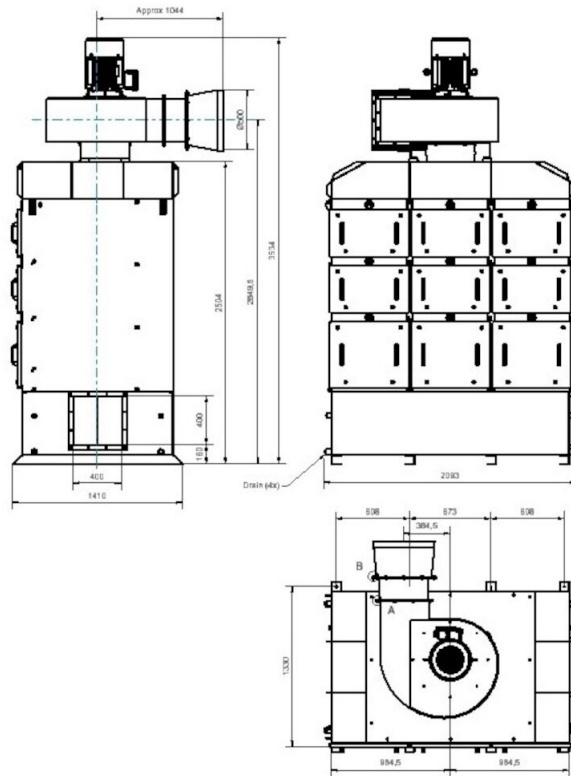
OSF 3x2000 SM

OSF 3x2000 with inlet from left side:

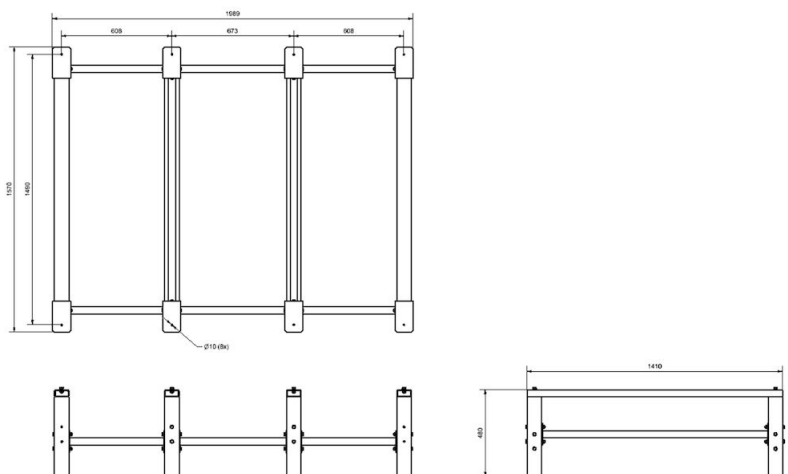


OSF 3x2000 SM

OSF 3x2000 with inlet from right side:

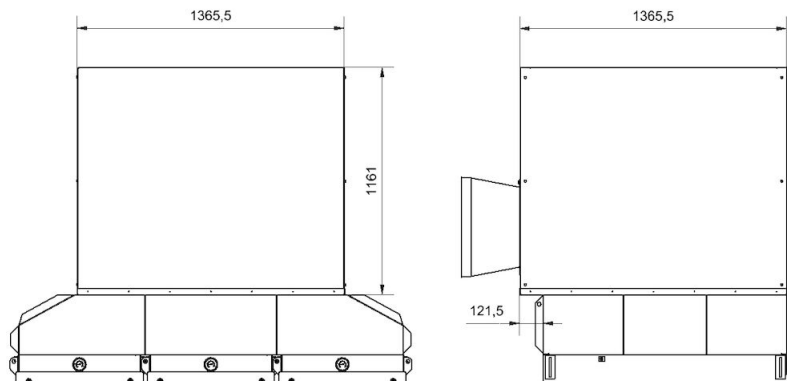


Dimension Extension Structure OSF3x2000_OMF3x4000,
accessory 12401165:



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Dimension Fan Enclosure_OSF2x2000_3x2000_4x2000_5x2000_OMF2x4000_4x4000,
accessory 12401109:



Dimension Inlet Adapter OSF3x2000,
accessory 12401137:

