

OSF 3500

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 3500 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. OSF 3500 can be equipped with a pre-filter in a special pre-filter frame and 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	OSF 3500
Standard	2009/125/EC
Volume (for shipping) (m ³)	6.82
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.
Filter cleaning method	Self-Draining
Working pressure (kPa)	Max 4000 Pa
Capacity (max airflow m ³ /h)	4000
Operating Temperature	60 deg C (limited by filter)
Power Voltage (V)	400/690
No of phases	3
Number of filter elements	3
Colour	NCS-S 1005 B20G
Weight (kg)	655
Power (kW)	7,5
Note	Plus 1 optional filter element. Incl extension legs.










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Image	Description	Frequency (Hz)	Amperage (A)	Model
	OSF 3500, Inlet 2 x ø 315 mm clamp ring left or right. Drain 2 x 1" Female	50	13 / 7,5	12400031*
	OSF 3500, Inlet 2 x ø 315 mm clamp ring left or right. Drain 2 x 1" Female	60	11,5	12400965*

**Plus 1 optional filter element. Incl extension legs.*

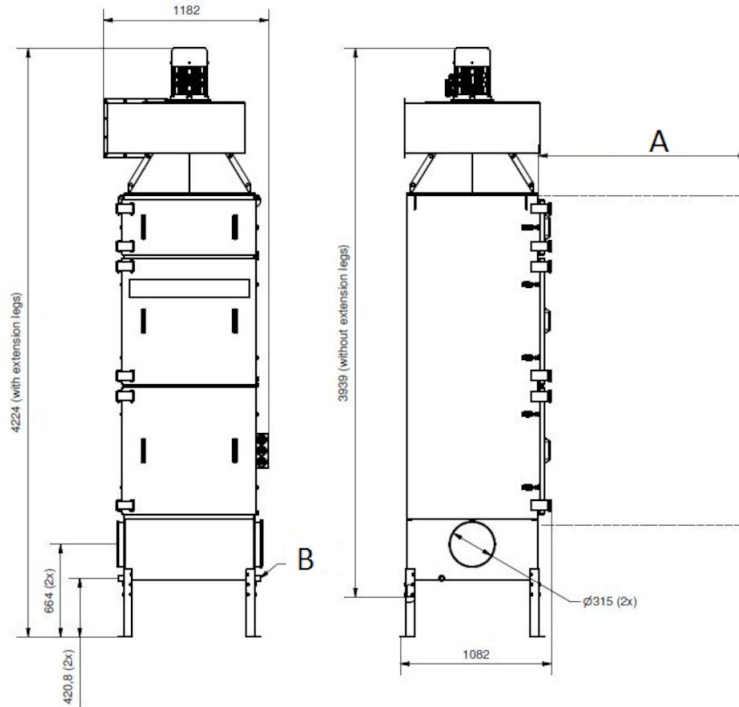
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	Accessory	Part No
	Drain pump box, 50 Hz, 10 litre/min at 5m, including controller	12400054*
	Drain container with piping	12400764**
	Silencer 90° Ø 315 mm	12400016
	Transition NF 7,5 kW / Ø 315 / 1005	12400988
	Optional FibreDrain Pre Filter ORF 890x770x96 mm	12400917
	FibreDrain Filter 1 OSF; 915x915x700 mm	12400032
	FibreDrain Filter 2 OSF; 915x915x700 mm	12400033
	HEPA filter H13; 915x915x292 mm	12400034
	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. 7,5kW	73008917
	Frequency inverter with 5kPa pressure sensor. 11kW	73008918

*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) 1500 mm min filler service space

B) Drainage DN25 (2x)