

## OSF 3500 HE

FibreDrain® oil smoke collector for continuous operation.



The Nederman OSF (Oil Smoke Filter) is designed to handle large amounts of oil smoke during continuous operation. They are engineered for high efficiency filtration coupled with lower maintenance costs.


The OSF 3500 HE has an external, top mounted, fan assembly and three-stage filtration, as standard. The first two stages consist of a filter cassettes with Nederman's FibreDrain® technology. The third stage is a class H13 HEPA filter with a 99.95% efficiency for MPPS, per EN1822. All tower-style OMF units are designed to accept an optional pre-filter. Nederman offers a wide selection of filters to fit a range of different applications.

- Three (3) filter stages. An optional pre-filter is available.
- Gauges for reading of pressure drop over each filter stage
- Extension legs
- Two (2) Ø315mm inlet locations, one blanked using clamp ring connection.

Product name	OSF 3500 HE
Standard	2009/125/EC
Volume (for shipping) (ft³)	240.85
Noise level (dB(A))	70 dB(A) @5' from service side, with optional external silencer.
Protection class	IP55
Filter efficiency (%)	99,95
Installation	Indoor
Material	Sheet metal, painted inside and outside.
Filter cleaning method	Self-Draining
Working pressure (in. wg)	14.0" (External)
Capacity (max airflow cfm)	2354
Operating Temperature	140° F, (limited by filter media).
No of phases	3
Number of filter elements	3
Colour	NCS-S 1005 B20G
Weight (lbs)	1444
















## OSF 3500 HE

Image	Description	Power Voltage (V)	Frequency (Hz)	Amperage (A)	Power (Hp)	Model
	OSF 3500, Inlet 2 x ø 315 mm clamp ring left or right. Drain 2 x 1" Female	400/690	50	13 / 7,5	10.0 HP (7.5 Kw)	12400031*
		460	60	14.2	10 HP	12401196**

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

\*\*Plus one (1) optional filter element.

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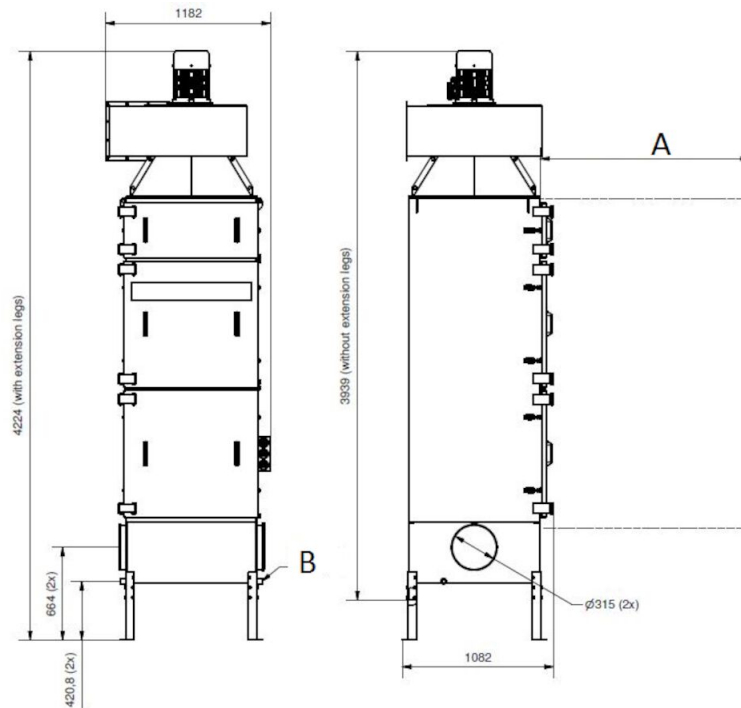
	Accessory	Part No
	Drain pump box, 50 Hz	12400054*
	Drain container with piping	12400764**
	Silencer 90° Ø315	12400016
	Transition NF 7,5 kW / Ø 315 / 1005	12400988
	Optional FibreDrain Pre Filter ORF 890x770x96 mm	12400917
	Filter 1, OSF3500	12400032
	Filter 2, OSF3500	12400033
	HEPA Filter OSF3500	12400034
	Drain pump box, 50 Hz, 10 litre/min at 10m, including controller	12401330
	Drain pump box, 60 Hz, 10 litre/min at 5m, excluding controller	12401329***
	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

\*\*\*Controller available on request.

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A) 1500 mm min filler service space

B) Drainage DN25 (2x)