

OSF 3000 HE

FibreDrain® oil smoke collector for continuous operation.



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


Nederman OSF 3000 has as standard three filter-stages where the two first stages consists of filter cassettes with Nederman´s FibreDrain® technology. Nederman have a wide range of different types of filters to suit all 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 Nederman OSF units are prepared for use of pre filter.

- Three (3) filter stages. An optional pre-filter is available.
- Gauges for reading of pressure drop over each filter stage
- Extension legs
- Two (2) Ø400mm inlet locations, one blanked using clamp ring connection.

Product name	OSF 3000 HE
Standard	2009/125/EC
Volume (for shipping) (ft³)	252.15
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 both in- and outside.
Filter cleaning method	Self-Draining
Working pressure (in. wg)	12.8" (External)
Capacity (max airflow cfm)	1767
Operating Temperature	140° F, (limited by filter media).
No of phases	3
Number of filter elements	9
Colour	NCS-S 1005 B20G
Note	Plus 3 optional filter elements. Incl extension legs.



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Image	Description	Power Voltage (V)	Frequency (Hz)	Amperage (A)	Weight (lbs)	Power (Hp)	Model
	OSF 3000, Inlet 2 x ø 400 mm clamp ring left or right. Drain 2 x 1" Female	400/690	50	9,8 / 5,7	1268	7.5 HP (5.5 Kw)	12400035*
		460	60	10.44	1444	7.5 HP	12401234

*Plus 3 optimal filter elements. Incl extension legs.

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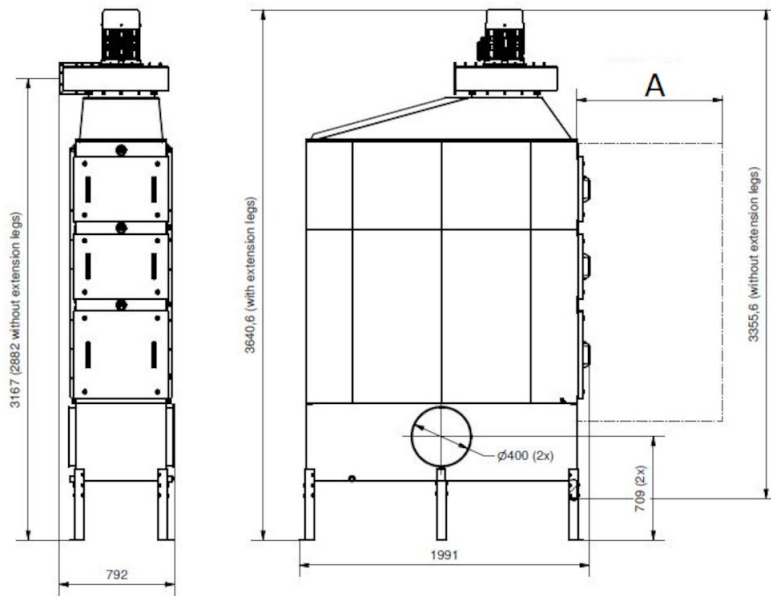
	Accessory	Part No
	Fan transition Combifab 5,5kW/Ø315mm/1005	12401289
	Drain pump box, 50 Hz	12400054*
	Drain container with piping	12400764**
	Silencer 90° Ø315	12400016
	Optional FibreDrain Pre Filter ORF 610x610x96 mm.	12400039
	FibreDrain Filter 1 OSF; 600x600x292 mm	12400006
	FibreDrain Filter 2 OSF; 600x600x292 mm	12400007
	HEPA Filter H13 610x610x292 mm	12400012
	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 2kPa pressure sensor, 5,5kW	73008916

*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) 1000 mm filter service space