

FibreDrain® oil smoke collector for continuous operation.



Nederman 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 OSF 3000 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 OSF units are prepared for use of pre filter. OSF 3000 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 ø 400 mm with clamp ring connection

Product name Standard 2009/125/EC Volume (for shipping) (m³) Noise level (dB(A)) Protection class Filter efficiency (%) Installation Material Sheet metal, painted both inand outside. Filter cleaning method Working pressure (kPa) Capacity (max airflow m3/h) Operating Temperature Power Voltage (V) Frequency (Hz) No of phases Number of filter elements Amperage (A) Power (kW) S,5 Note Ociour Voltage (V) Power (kW) S,5 Note OSF 3000 SSF 3000 Fr.14 And (AB(A)) Filter (BA(A)) Filter (BA(A)) Filter metal, painted both inand outside. [Indoor] Max 3200 Pa Capacity (max airflow m3/h) 3000 Operating Temperature Filter (limited by filter) Fower Voltage (V) Frequency (Hz) Fre		
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Noise level (dB(A)) 50/ 60 Hz: 70 dB(A) @1,5 m from service side with silencer Protection class Filter efficiency (%) Installation Material Sheet metal, painted both inand outside. Filter cleaning method [Draining] Working pressure (kPa) Capacity (max airflow m3/h) Operating Temperature Power Voltage (V) Frequency (Hz) No of phases Number of filter elements Amperage (A) Colour NCS-S 1005 B20G Weight (kg) Power (kW) Note Plus 3 optional filter elements.	Standard	2009/125/EC
Protection class IP55 Filter efficiency (%) 99,95 Installation [Indoor] Material Sheet metal, painted both inand outside. Filter cleaning method [Draining] Working pressure (kPa) Max 3200 Pa Capacity (max airflow m3/h) 3000 Operating Temperature 60 deg C (limited by filter) Power Voltage (V) 400/690 Frequency (Hz) 50 No of phases 3 Number of filter elements 9 Amperage (A) 9,8 / 5,7 Colour NCS-S 1005 B20G Weight (kg) 575 Power (kW) 5,5 Note Plus 3 optional filter elements.	Volume (for shipping) (m³)	7.14
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Power (kW) 5,5 Note Plus 3 optional filter elements.	Colour	NCS-S 1005 B20G
Note Plus 3 optional filter elements.	Weight (kg)	575
	Power (kW)	5,5
Incl extension legs.	Note	





[image]	Description	[model]
	OSF 3000, Inlet 2 x ø 400 mm clamp ring left or right. Drain 2 x 1" Female	12400035*

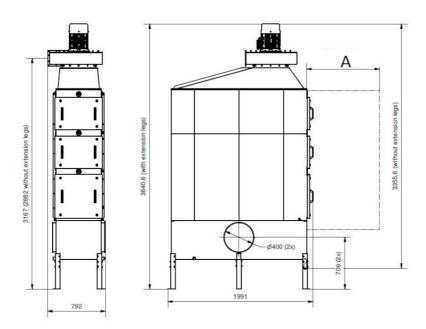
^{*}Plus 3 optional filter elements. Incl extension legs.



	[accessory]	[partno]
	Fan transition Combifab 5,5kW/Ø315mm/1005	12401289
	Drain pump box, 50 Hz, 10 litre/min at 5m, including controller	12400054*
O)	Drain container with piping	12400764**
	Frequency Inverter 5,5 kW incl transmitter 0 - 2 kPa	12400855
	Silencer 90° Ø 315 mm	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
	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





A) 1000 mm filter service space