

## OSF 3000

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  $\varnothing$  400 mm with clamp ring connection

Product name	OSF 3000
Standard	2009/125/EC
Volume (for shipping) (m <sup>3</sup> )	7.14
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	[Draining]
Working pressure (kPa)	Max 3200 Pa
Capacity (max airflow m <sup>3</sup> /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. Incl extension legs.



## OSF 3000

[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.*

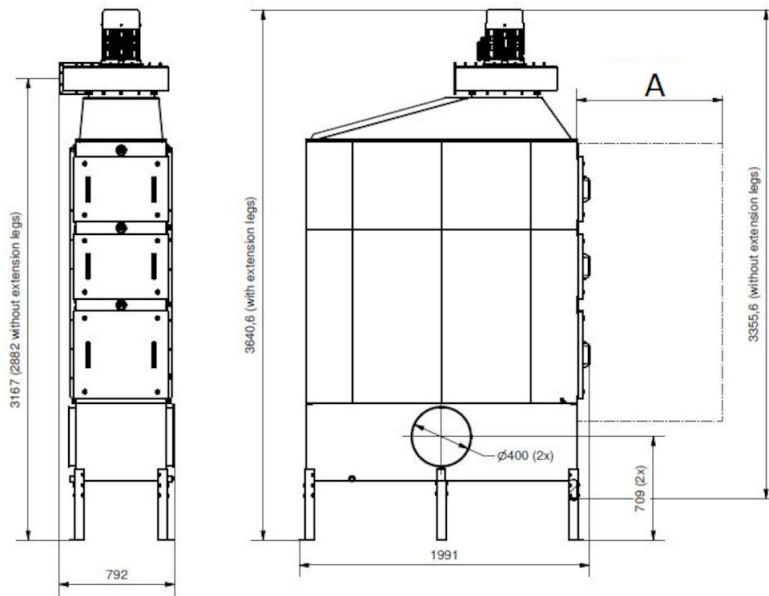
## OSF 3000

	[accessory]	[partno]
	Fan transition Combifab 5,5kW/Ø315mm/1005	12401289
	Drain pump box, 50 Hz, 10 litre/min at 5m, including controller	12400054*
	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

## OSF 3000



A) 1000 mm filter service space