

## OSF 2000

FibreDrain® oil smoke collector for continuous operation.



Nederman OSF oil smoke eliminators 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 2000 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 2000 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 2000
Standard	2009/125/EC
Volume (for shipping) (m <sup>3</sup> )	4.37
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 3000 Pa
Capacity (max airflow m <sup>3</sup> /h)	2000
Operating Temperature	60 deg C (limited by filter)
Power Voltage (V)	400/690
Frequency (Hz)	50
No of phases	3
Number of filter elements	6
Amperage (A)	7,2 / 4,2
Colour	NCS-S 1005 B20G
Weight (kg)	345
Power (kW)	4
Note	Plus 2 optional filter elements. Incl extension legs.













## OSF 2000

Image	Description	Model
	OSF 2000, Inlet 2 x ø 315 mm clamp ring left or right. Drain 2 x 1" Female	12400011*

*\*Plus 2 optional filter elements. Incl extension legs.*

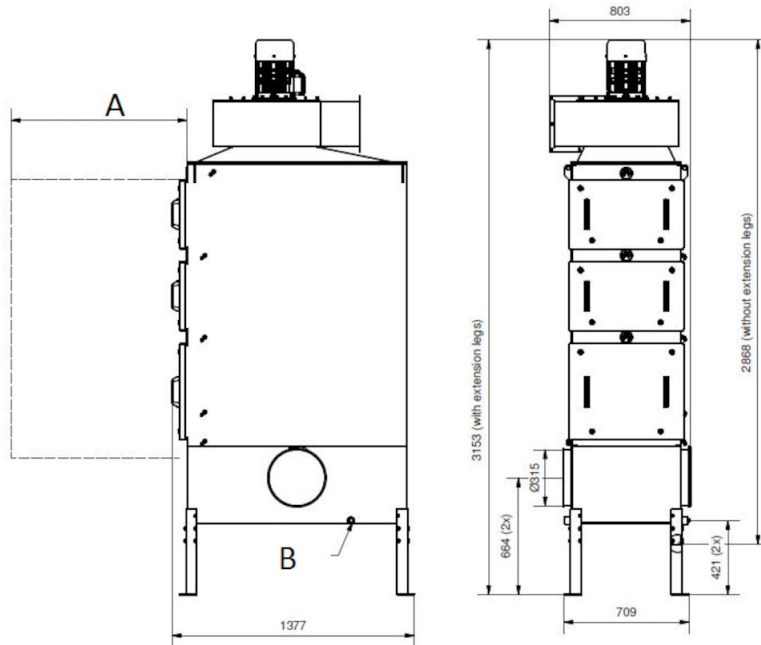
## OSF 2000

	Accessory	Part No
	Drain pump box, 50 Hz	12400054*
	Drain container with piping	12400764**
	Silencer 90° Ø250 (OSF2000)	12400014
	Transition NF 4 kW /Ø 250/1005	12400986
	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
	Frequency inverter with 2kPa pressure sensor. 4kW	73008915

\*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 2000



A) 1000 mm min filler service space

B) Drainage DN25 (2x)