

## OSF 7000

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 7000 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. OSF 7000 can be equipped with a pre-filter in a special pre-filter frame and 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  $\varnothing$  450 mm with clamp ring connection

Product name	OSF 7000
Standard	2009/125/EC
Volume (for shipping) (m <sup>3</sup> )	12.67
Noise level (dB(A))	50/ 60 Hz: 70 dB(A) @1,5 m from service side with ext. 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 3500 Pa
Capacity (max airflow m <sup>3</sup> /h)	8000
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)	19,5 / 11,3
Colour	NCS-S 1005 B20G
Weight (kg)	1320
Power (kW)	11
Note	Plus 2 optional filter elements. Incl extension legs.














## OSF 7000

Image	Description	Model
	OSF 7000, Inlet 2 x ø 450 mm clamp ring left or right. Drain 2 x 1" Female	12400900*

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

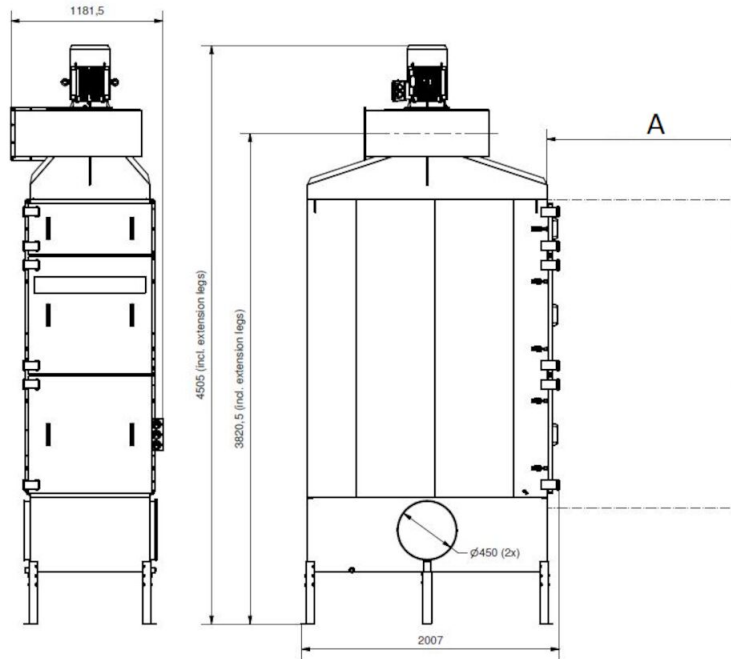
## OSF 7000

	Accessory	Part No
	Drain pump box, 50 Hz	12400054*
	Drain container with piping	12400764**
	Silencer 90° Ø 500 mm	12400038
	Transition NF 11 kW / Ø500 / 1005	12400989
	Optional FibreDrain Pre Filter ORF 890x770x96 mm	12400917
	FibreDrain Filter 1 OSF; 915x915x700 mm	12400032
	FibreDrain Filter 2 OSF; 915x915x700 mm	12400033
	HEPA filter H13; 915x915x292 mm	12400034
	Drain pump box, 50 Hz, 10 litre/min at 10m, including controller	12401330
	Frequency inverter with 5kPa pressure sensor. 11kW	73008918
	Frequency inverter with 5kPa pressure sensor. 15kW	73008919

\*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 7000



A) 1500 mm min filler service space