

## OSF 2000i

FibreDrain® oil smoke collector for continuous operation.



Nederman FibreDrain® 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 FibreDrain® OSF 2000i 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 FibreDrain® OSF units are prepared for use of pre filter. OSF 2000i have 2 in-built 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
- Starter and motor protection included

Product name	OSF 2000i
Standard	2009/125/EC
Volume (for shipping) (m <sup>3</sup> )	4.13
Noise level (dB(A))	50 Hz: 66 dB(A) @1,5 m from service side 60 Hz: 68 dB(A) @1,5 m from service side
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 2500 Pa
Capacity (max airflow m <sup>3</sup> /h)	2000
Operating Temperature	40 deg C (inbuilt fan)
No of phases	3
Number of filter elements	6
Colour	NCS-S 1005 B20G
Weight (kg)	380
Power (kW)	2 x 1,1

















## OSF 2000i

Image	Description	Power Voltage (V)	Frequency (Hz)	Amperage (A)	Model
	OSF 2000i, Inlet 2 x ø 315 mm clamp ring left or right. Drain 2 x 1" Female	230/400	50	2 x 4,2 / 2,4	12400847*
	OSF 2000i, Inlet 2 x ø 315 mm clamp ring left or right. Drain 2 x 1" Female	460	60	2 x 1,98	12401114**

\*Plus 2 optional filter elements. Incl extension legs.  
Power - 2 x 7,5 KW. Amperage 2x 13/7,5 A.

\*\*Plus 2 optional filter elements. Incl extension legs.  
Power - 2 x 1,1 KW. Amperage 2x 13/7,5 A.

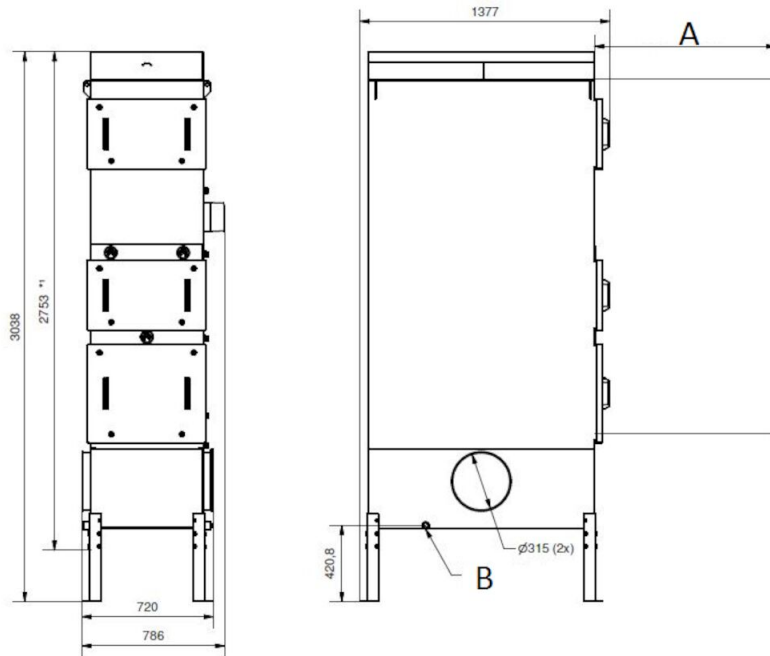
## OSF 2000i

Accessory		Part No
	Drain pump box, 50 Hz, 10 litre/min at 5m, including controller	12400054*
	Drain container with piping	12400764**
	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
	Outlet transition, ø 315 mm for OSF2000i / OMF4000i	12400907
	Outlet transition, ø 400 mm for OSF2000i / OMF4000i	12400908
	Outlet transition, ø 450 mm for OSF2000i / OMF4000i	12400909
	Outlet transition, ø 500 mm for OSF2000i / OMF4000i	12400997
	Drain pump box, 50 Hz, 10 litre/min at 10m, including controller	12401330
	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. 2,2kW	73008914

\*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 2000i



A) 1000 min filler service space

B) Drain stud (x2)