

Product leaflet

OSF 3x2000 SM

 $\label{lem:problem} \mbox{FibreDrain} \mbox{\tt @oil smoke collector for continuous operation.}$



Nederman OSF 3x2000 SM

OSF 3x2000 SM

- Three filter stages, optional pre-filter
- Gauges for reading of pressure drop over each filter stage
- Drain: 4 off 1 1/2"
- Non-vibration fan suspension system

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 3x2000 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 3x2000 have a top mounted radial fan.

2025-12-04 2/10

OSF 3x2000 SM

Certifications	CE
Standard	2009/125/EC
Volume (for shipping) (m³)	17.6
Noise level (dB(A))	< 70 dB(A) @1,5 m from service side with optional fan enclosure and 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 4500 Pa
Capacity (max airflow m3/h)	6000
Operating Temperature	60 deg C (limited by filter)
Power voltage (V)	400/690
Frequency (Hz)	50
No of phases	3
Number of filter elements	18
Amperage (A)	19,5/11,3
Colour	NCS-S 1005 B20G
Weight (kg)	1920
Power (kW)	11
	:

Nederman OSF 3x2000 SM

Models

	Item no
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12401143 ^[1]
	12401144 ^[1]

 $^{^{[1]}}$ Plus 6 optinal filter element.

Accessories

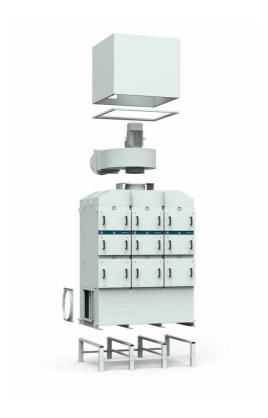
	Accessory	ltem no
.1	Drain pump box, 50 Hz	12400054
Ų	Drain container with piping	12400764
	FibreDrain Pre Filter ORF 610x610x96 G4	12400039
	FibreDrain Filter 1 OSF; 600x600x292mm	12400006
	FibreDrain Filter 2 OSF; 600x600x292mm	12400007
	Hepa DCM H13 610x610x292 mm	12400012
	Inlet adapter OSF 3x2000	12401137
FRI	Extension structure OSF 3x2000, OMF 3x4000	12401165
	Fan enclosure 2 filters in depth	12401109
	OMF/OSF Silencer 90/Ø500	12400038
1	FibreDrain Pumpbox KTF82-200 / 50Hz	12401330
	OSF/OMF Instruction manual for mounting system for electric components	12401342
	OMF/OSF/MQL mounting system for electrical components	12401341

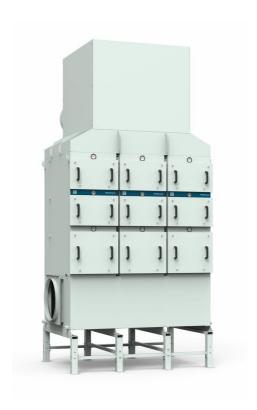
Nederman OSF 3x2000 SM

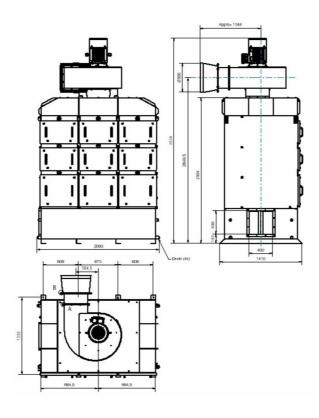
Accessories

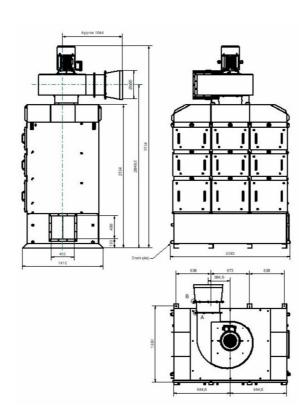
Accessory	Item no
Frequency inverter with 5kPa pressure sensor. 11kW. IP66 enclosure.	73008918
Frequency inverter with 5kPa pressure sensor. 15kW. IP66 enclosure	73008919

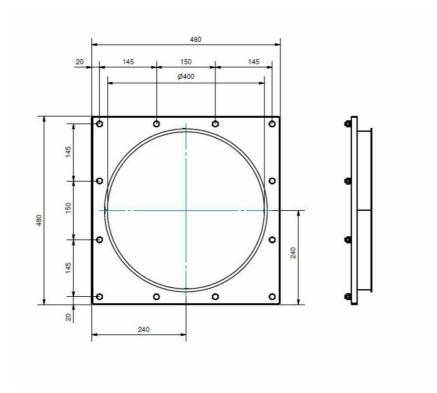
2025-12-04 6/10

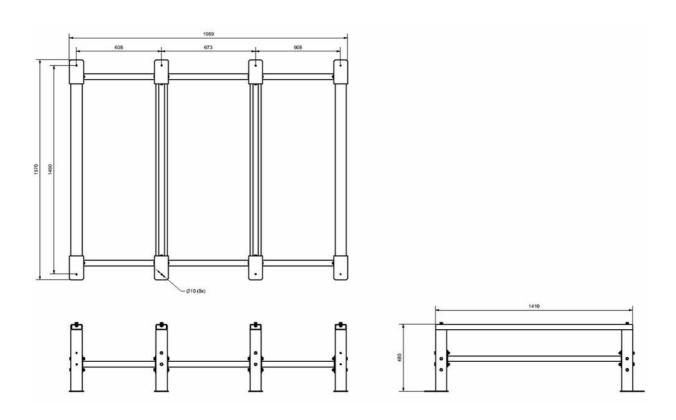


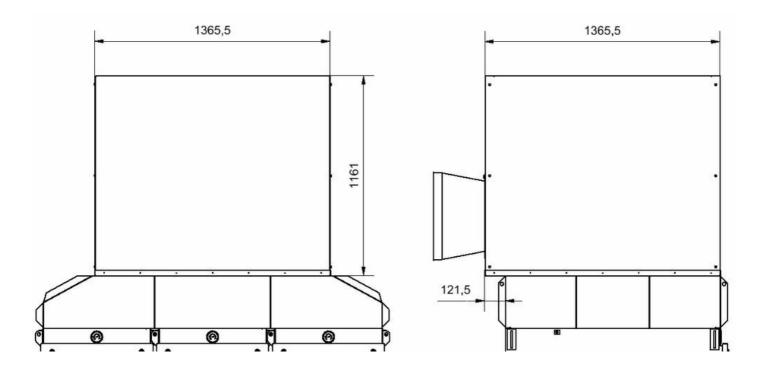












2025-12-04 10/10