

OSF 500 FC

FibreDrain® oil smoke collector for continuous operation.



OSF 500 FC

- ✓ Three filter stages
- ✓ Gauges for reading of pressure drop over each filter stage
- ✓ Compact design
- ✓ Two inlet ø 150 mm with clamp ring connection
- ✓ Starter and motor protection included



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 500 FC 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 500 FC have an in-built chamber fan.









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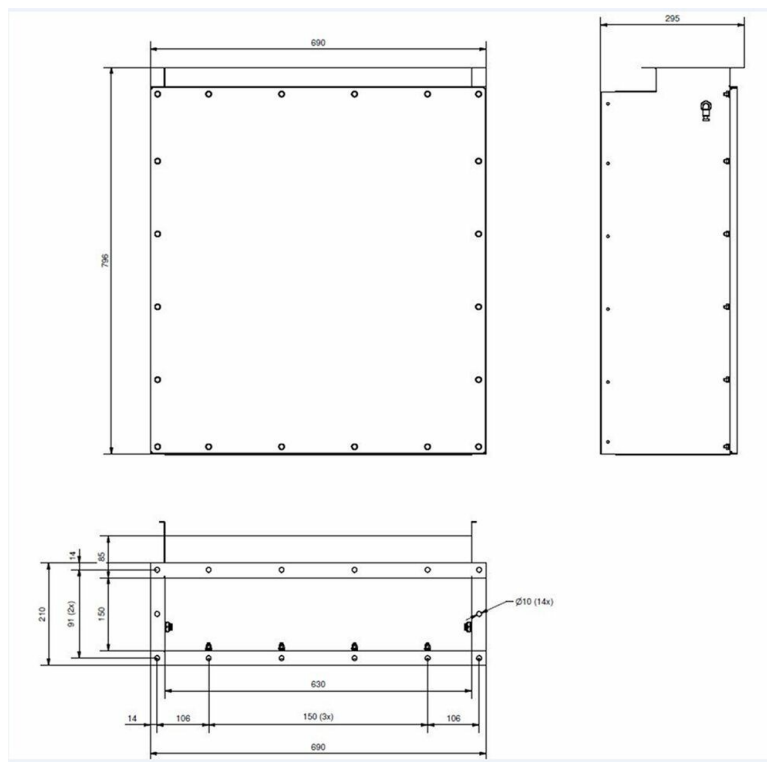
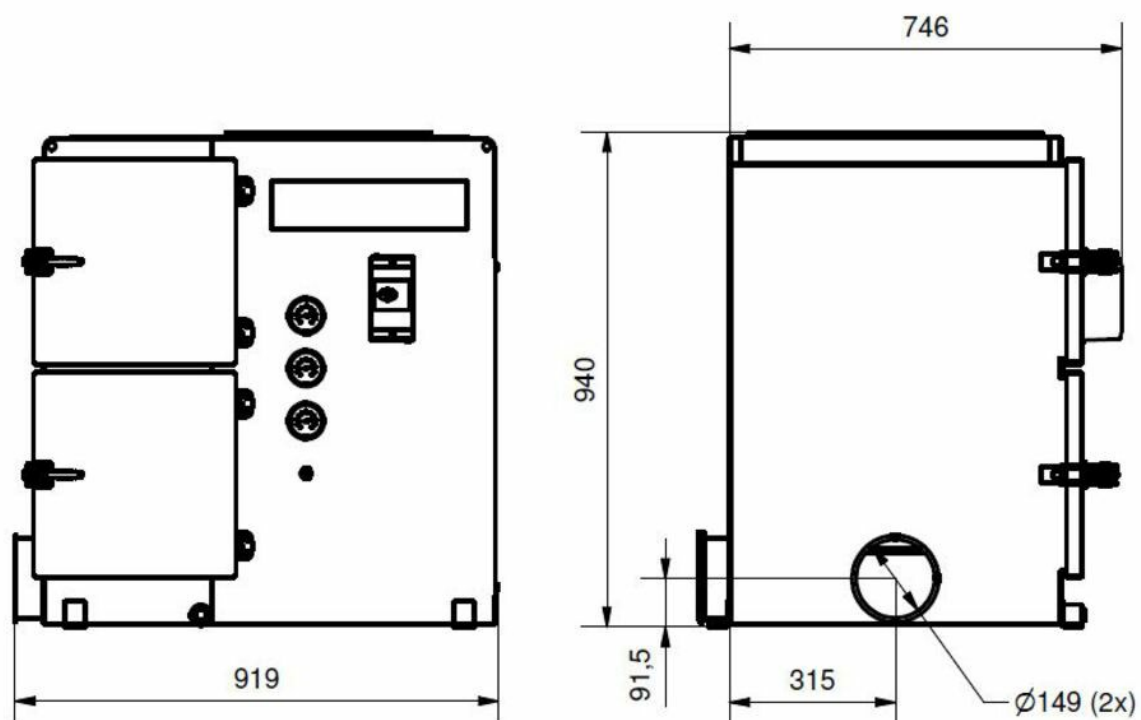
Certifications	CE
Standard	2009/125/EC
Volume (for shipping) (m³)	1.1
Noise level (dB(A))	50 Hz: 65 dB(A) @1,5 m from service side 60 Hz: 67 dB(A) @1,5 m from service side
Protection class	IP55
Filter efficiency (%)	99.95
Installation	Indoor
Material	Sheet metal, painted both in- and outside.
Filter cleaning method	Self-Draining
Working pressure (kPa)	Max 2500 Pa
Capacity (max airflow m³/h)	500
Operating Temperature	40 deg C (inbuilt fan)
No of phases	3
Number of filter elements	3
Colour	NCS-S 1005 B20G
Power (kW)	0,75

Models

	Item no	Power voltage (V)	Frequency (Hz)	Amperage (A)	Weight (kg)
	12400017	230/400	50	3,46 / 2,0	150
	12401118	460	60	1,45	145

Accessories

	Accessory	Item no
	Drain pump box, 50 Hz	12400054
	Drain container with piping	12400764
	HEPA Filter H13; 595x595x100mm	12400004
	FibreDrain Filter 1 OSF; 300x600x292mm	12400018
	FibreDrain Filter 2 OSF; 300x600x292mm	12400019
	Outlet connection OSF 500FC / OMF 1000FC	12400548
	FibreDrain Pumpbox KTF82-200 / 50Hz	12401330
	Frequency inverter with 2 kPa pressure sensor. 1,5kW. IP66 enclosure	73008913



Outlet connection OSF 500FC / OMF 1000FC