

## OSF 500 FC

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 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 built-in chamber fan.

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









Product name	OSF 500 FC
Standard	2009/125/EC
Volume (for shipping) (m <sup>3</sup> )	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 m <sup>3</sup> /h)	500
Operating Temperature	40 deg C (inbuilt fan)
Power Voltage (V)	230/400
Frequency (Hz)	50
No of phases	3
Number of filter elements	3
Amperage (A)	3,46 / 2,0
Colour	NCS-S 1005 B20G
Weight (kg)	150
Power (kW)	0,75
Note	



## OSF 500 FC

Image	Description	Model
	OSF 500 FC, Inlet Left or Back Ø150 clamp ring. Drain 1" female	12400017

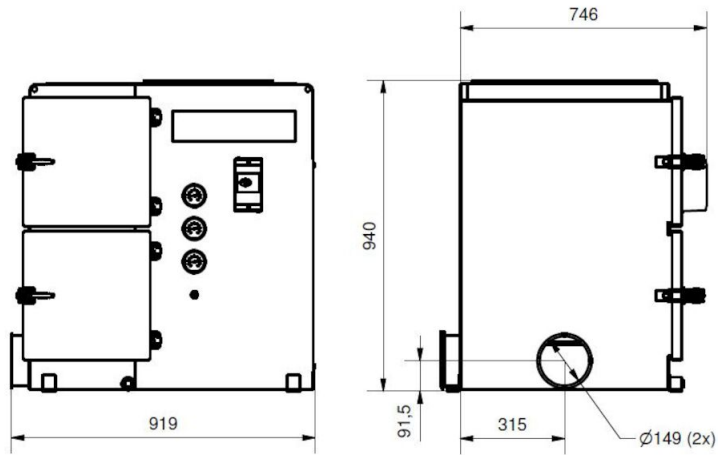
## OSF 500 FC

Accessory		Part No
	Drain pump box, 50 Hz	12400054*
	Drain container with piping	12400764**
	HEPA Filter H13; 595x595x100 mm	12400004
	FibreDrain Filter 1 OSF; 300x600x292 mm	12400018
	FibreDrain Filter 2 OSF; 300x600x292 mm	12400019
	Outlet connection OSF 500FC / OMF 1000FC	12400548
	Drain pump box, 50 Hz, 10 litre/min at 10m, including controller	12401330
	Frequency inverter with 2 kPa pressure sensor. 1,5kW	73008913

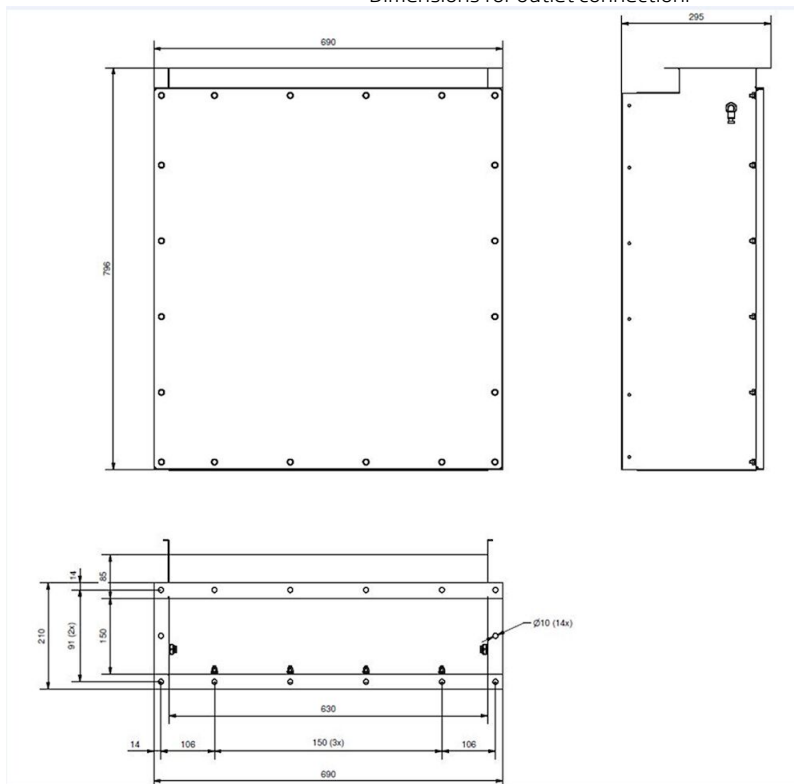
\*Drain connection must be elevated min 200 mm from pump box support level

\*\*Drain connection must be elevated min 420mm from container support level

## OSF 500 FC



Dimensions for outlet connection:



Outlet connection OSF 500FC / OMF 1000FC