

OSF 500 FC HE

FibreDrain® oil smoke collector for continuous operation.



The Nederman OSF (Oil Smoke Filter) is designed to handle large amounts of oil smoke during continuous operation. They are engineered for high efficiency filtration coupled with lower maintenance costs.


The OSF 500FC HE has an internal, radial fan wheel and three-stage filtration, as standard. The first two stages consist of a filter cassettes with Nederman's FibreDrain® technology. The third stage is a class H13 HEPA filter with a 99.95% efficiency for MPPS, per EN1822. Nederman offers a wide selection of filters to fit a range of different applications.

- Three (3) filter stages
- Gauges for reading of pressure drop over each filter stage
- Compact design
- Two (2) Ø150mm inlet locations, one blanked using clamp ring connection.
- Push button start/stop with integral overload protection.










Product name	OSF 500 FC HE
Standard	2009/125/EC
Volume (for shipping) (ft³)	38.85
Noise level (dB(A))	67 dB(A) @ 5' from service side
Protection class	IP55
Filter efficiency (%)	99,95
Installation	Indoor
Material	Sheet metal, painted inside and outside.
Filter cleaning method	Self-Draining
Working pressure (in. wg)	10.0" (External)
Capacity (max airflow cfm)	294,5
Operating Temperature	104° F, internal fan.
No of phases	3
Number of filter elements	3
Weight (lbs)	331
Note	



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Image	Description	Power Voltage (V)	Frequency (Hz)	Amperage (A)	Colour	Power (Hp)	Model
	OSF 500 FC, Inlet Left or Back Ø150 clamp ring. Drain 1" female	230/400	50	3,46 / 2,0	NCS-S 1005 B20G	1.0 HP (0.75 Kw)	12400017
		460	60	2.9	NCS-S 1005 B20G	1 hp	12401198

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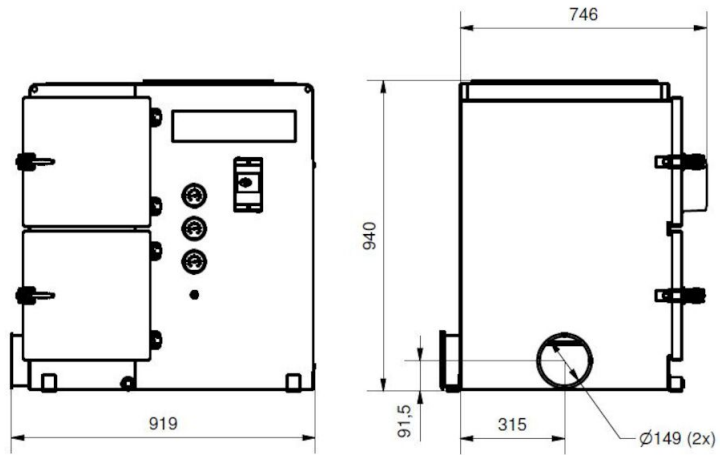
Accessory		Part No
	Drain pump box, 50 Hz	12400054*
	Drain container with piping	12400764**
	HEPA Filter OMF1000/OSF500	12400004
	Filter 1 Oil (OSF500 FC)	12400018
	Filter 2 Oil (OSF500 FC)	12400019
	Outlet connection OSF 500FC / OMF 1000FC	12400548
	Drain pump box, 50 Hz, 10 litre/min at 10m, including controller	12401330
	Drain pump box, 60 Hz, 10 litre/min at 5m, excluding controller	12401329***
	Frequency inverter with 2 kPa pressure sensor. 1,5kW	73008913

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

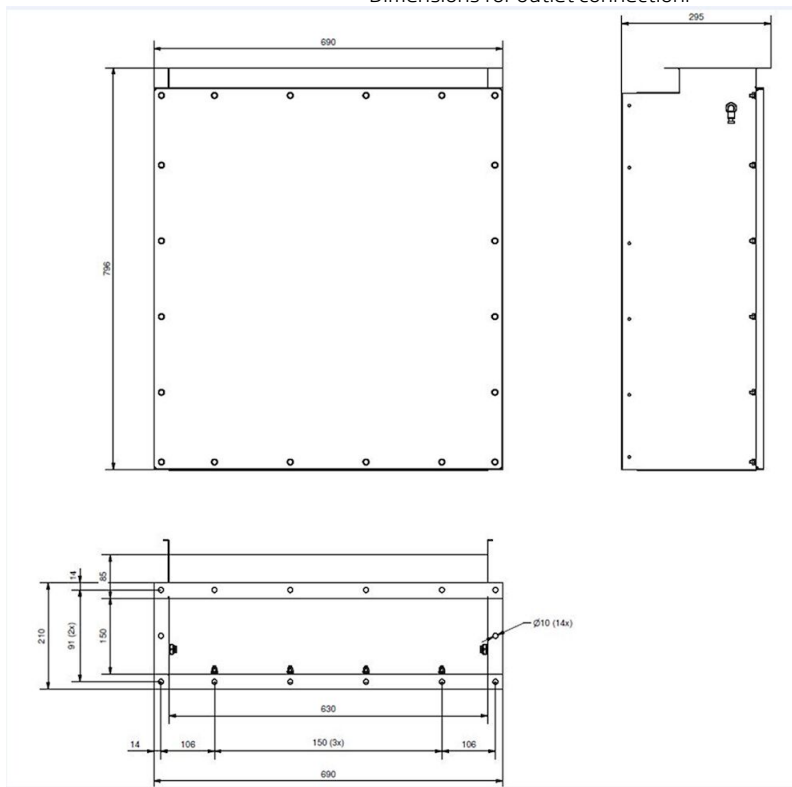
**Drain connection must be elevated min 420mm from container support level

***Controller available on request.

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Dimensions for outlet connection:



Outlet connection OSF 500FC / OMF 1000FC