

OSF 1500 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 1500 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 1500 FC have an built-in radial fan.

- Three filter stages
- Gauges for reading of pressure drop over each filter stage
- Compact design
- Two inlet \varnothing 200 mm with clamp ring connection
- Starter and motor protection included













Product name	OSF 1500 FC
Standard	2009/125/EC
Volume (for shipping) (m ³)	2.21
Noise level (dB(A))	50 Hz: 67 dB(A) @1,5 m from service side 60 Hz: 69 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 ³ /h)	1500
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)	7,6 / 4,4
Colour	NCS-S 1005 B20G
Weight (kg)	270
Power (kW)	2,2
Note	



OSF 1500 FC

Image	Description	Model
	OSF 1500 FC, Inlet Right or Back ø 200 mm clamp ring. Drain 1" Female	12400874
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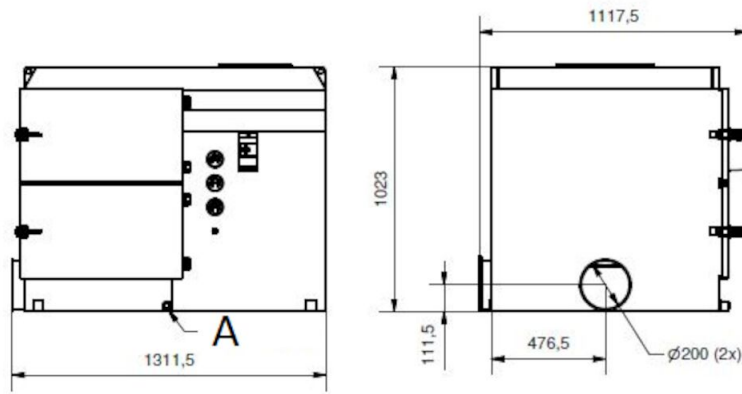
OSF 1500 FC

	Accessory	Part No
	Drain pump box, 50 Hz	12400054*
	Drain container with piping	12400764**
	FibreDrain Filter 1 OSF; 600x600x292 mm	12400006
	FibreDrain Filter 2 OSF; 600x600x292 mm	12400007
	Fibre Drain Filter 1 OSF; 600x300x292 mm	12400164
	FibreDrain Filter 2 OSF; 600x300x292 mm	12400169
	HEPA Filter H13; 610x610x150 mm	12400852
	High capacity HEPA-filter kit for FC	12400984
	Outlet connection OSF 1500FC - HEPA 610x610x292mm	12400761
	Outlet connection OSF 1500FC - HEPA 610x610x150mm	12400886
	Drain pump box, 50 Hz, 10 litre/min at 10m, including controller	12401330
	Frequency inverter with 2kPa pressure sensor. 2,2kW	73008914

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

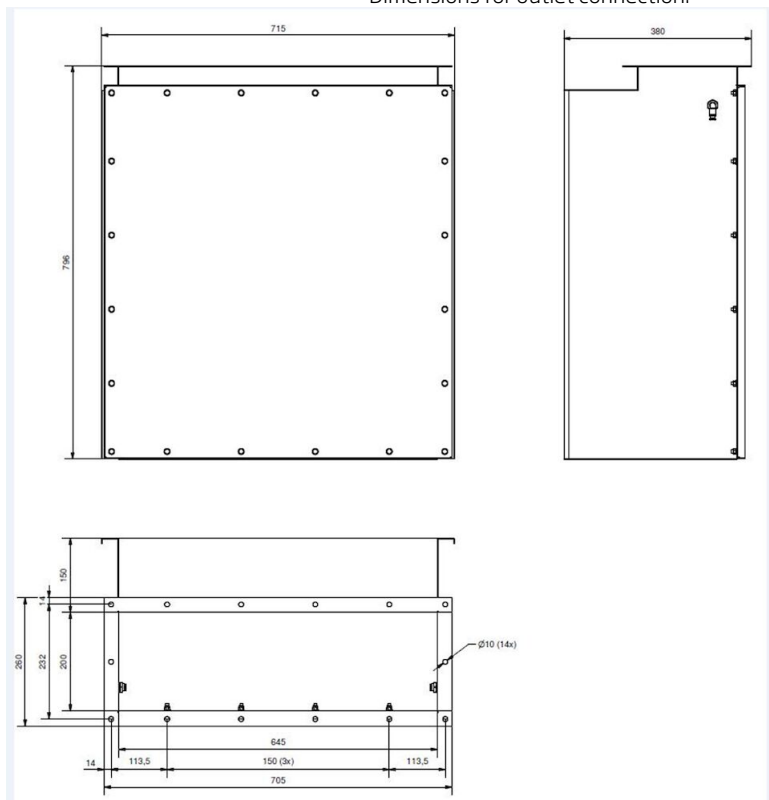
**Drain connection must be elevated min 420mm from container support level

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A) Drain stud (x2)

Dimensions for outlet connection:



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Dimensions for outlet connection:

