

OSF 1500 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 1500FC 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) Ø200mm inlet locations, one blanked using clamp ring connection.
- Push button start/stop with integral overload protection

Product name	OSF 1500 FC HE
Standard	2009/125/EC
Volume (for shipping) (ft ³)	78.05
Noise level (dB(A))	69 dB(A) @5' 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 (in. wg)	Max 2500 Pa
Capacity (max airflow cfm)	883.5
Operating Temperature	104° F, internal fan.
No of phases	3
Number of filter elements	3
Colour	NCS-S 1005 B20G
Weight (lbs)	595
Note	



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Image	Description	Power Voltage (V)	Frequency (Hz)	Amperage (A)	Power (Hp)	Model
	OSF 1500 FC, Inlet Right or Back ø 200 mm clamp ring. Drain 1" Female	230/400	50	7,6 / 4,4	3.0 HP (2.2 Kw)	12400874
	OSF 1500 FC, Inlet Left or Back ø 200 mm clamp ring. Drain 1" Female	230/400	50	7,6 / 4,4	3.0 HP (2.2 Kw)	12400875
		460	60	7.9	3 HP	12401223
		460	60	7.9	3 HP	12401224

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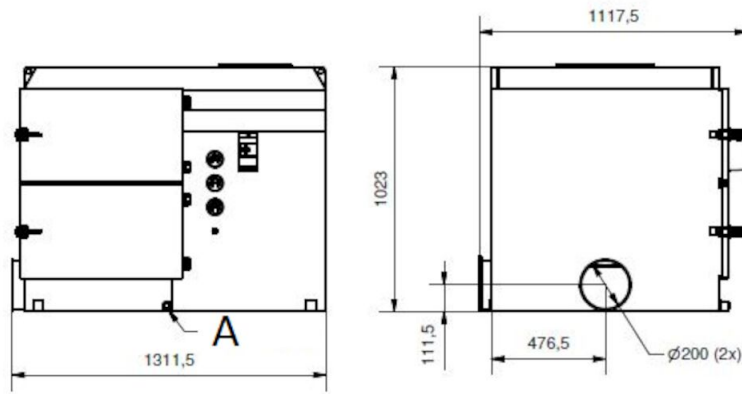
	Accessory	Part No
	Drain pump box, 50 Hz	12400054*
	Drain container with piping	12400764**
	FibreDrain Filter 1 OSF; 600x600x292 mm	12400006
	FibreDrain Filter 2 OSF; 600x600x292 mm	12400007
	Fibre Drain Filter 1 OSF; 600x300x292 mm	12400164
	FibreDrain Filter 2 OSF; 600x300x292 mm	12400169
	HEPA Filter 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
	Drain pump box, 60 Hz, 10 litre/min at 5m, excluding controller	12401329***
	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

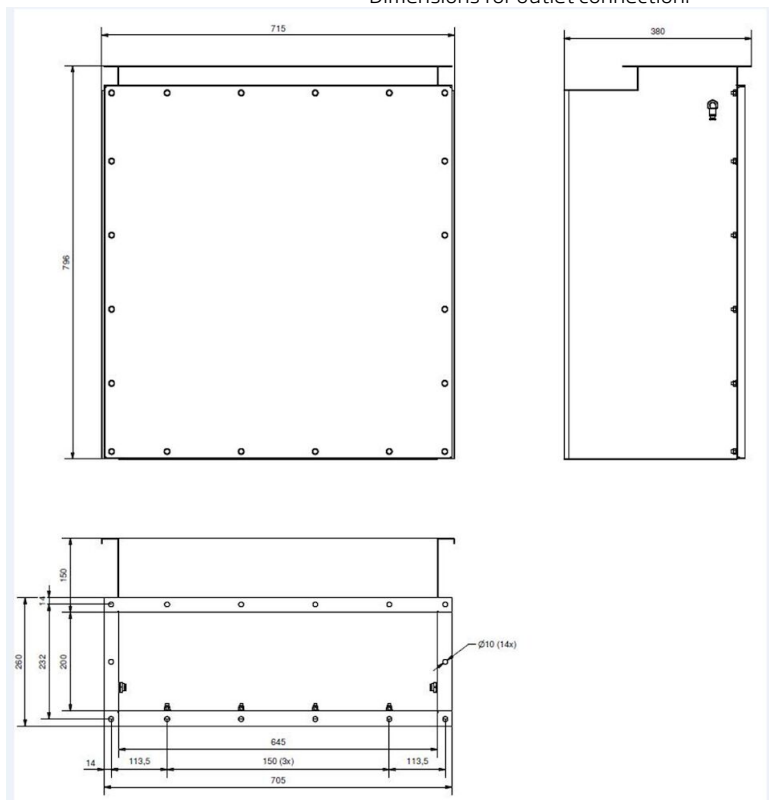
***Controller available on request.

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A) Drain stud (x2)

Dimensions for outlet connection:



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Dimensions for outlet connection:

