

OSF 1000 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 1000 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. All tower-style OMF units are designed to accept an optional pre-filter. Nederman offers a wide selection of filters to fit a range of different applications.

- Three (3) filter stages. An optional pre-filter is available.
- Gauges for reading of pressure drop over each filter stage
- Extension legs
- Two (2) Ø200mm inlet locations, one blanked using clamp ring connection.
- Push button start/stop with integral overload protection.

Product name	OSF 1000 HE
Standard	2009/125/EC
Volume (for shipping) (ft³)	86.52
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 inside and outside.
Filter cleaning method	Self-Draining
Working pressure (in. wg)	10.0" (External)
Capacity (max airflow cfm)	589
Operating Temperature	104° F, internal fan.
No of phases	3
Number of filter elements	3
Weight (lbs)	540
Note	Plus 1 optinal filter element. Incl extension legs

















OSF 1000 HE

Image	Description	Power Voltage (V)	Frequency (Hz)	Amperage (A)	Colour	Power (Hp)	Model
	OSF 1000, Inlet 2 x ø 200 mm clamp ring left or right. Drain 2 x 1" Female	230/400	50	4,2 / 2,4	NCS-S 1005 B20G	1.5 HP (1.1 Kw)	12400029*
		460	60	4.2	NCS-S 1005 B20G	1.5	12401213

**Plus 1 optimal filter element. Incl extension legs*

OSF 1000 HE

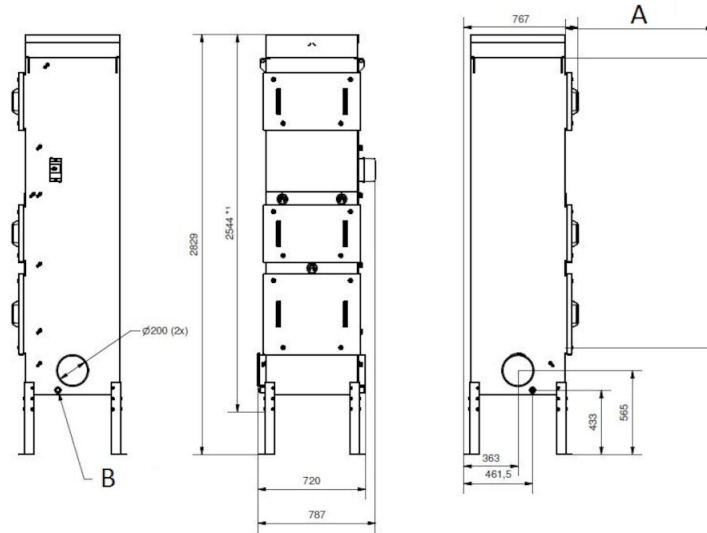
	Accessory	Part No
	Drain pump box, 50 Hz	12400054*
	Drain container with piping	12400764**
	Optional FibreDrain Pre Filter ORF 610x610x96 mm.	12400039
	FibreDrain Filter 1 OSF; 600x600x292 mm	12400006
	FibreDrain Filter 2 OSF; 600x600x292 mm	12400007
	HEPA Filter H13 610x610x292 mm	12400012
	Outlet transition, ø 200 mm, for OSF 1000 / OSF 1000-2 / OMF 1000-2 / OMF 2000	12400904
	Outlet transition, ø 250 mm for OSF1000 / OSF1000-2 / OMF1000-2 / OMF2000	12400905
	Outlet transition, ø 315 mm for OSF1000 / OSF1000-2 / OMF1000-2 / OMF2000	12400906
	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***
	OSF/OMF Instruction manual for mounting system for electric components	12401342
	OMF/OSF/MQL mounting system for electrical components	12401341
	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.

OSF 1000 HE



A) 1000 min filler service space

B) Drain stud (x2)