

# OSF 2000 HE

FibreDrain® oil smoke collector for continuous operation.



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- ✓ Three (3) filter stages. An optional pre-filter is available.
- ✓ Gauges for reading of pressure drop over each filter stage
- ✓ Extension legs
- ✓ Two (2) Ø315mm inlet locations, one blanked using clamp ring connection.


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 2000 HE has an external, top mounted, fan assembly 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.

## OSF 2000 HE












Certifications	CE
Standard	2009/125/EC
Volume (for shipping) (ft <sup>3</sup> )	154.33
Noise level (dB(A))	70 dB(A) @5' from service side, with optional external silencer.
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)	12.0" (External)
Capacity (max airflow cfm)	1177
Operating Temperature	140° F, (limited by filter media)
Power voltage (V)	460
Frequency (Hz)	60
No of phases	3
Number of filter elements	6
Amperage (A)	7.8
Weight (lbs)	761
Power (Hp)	5 HP

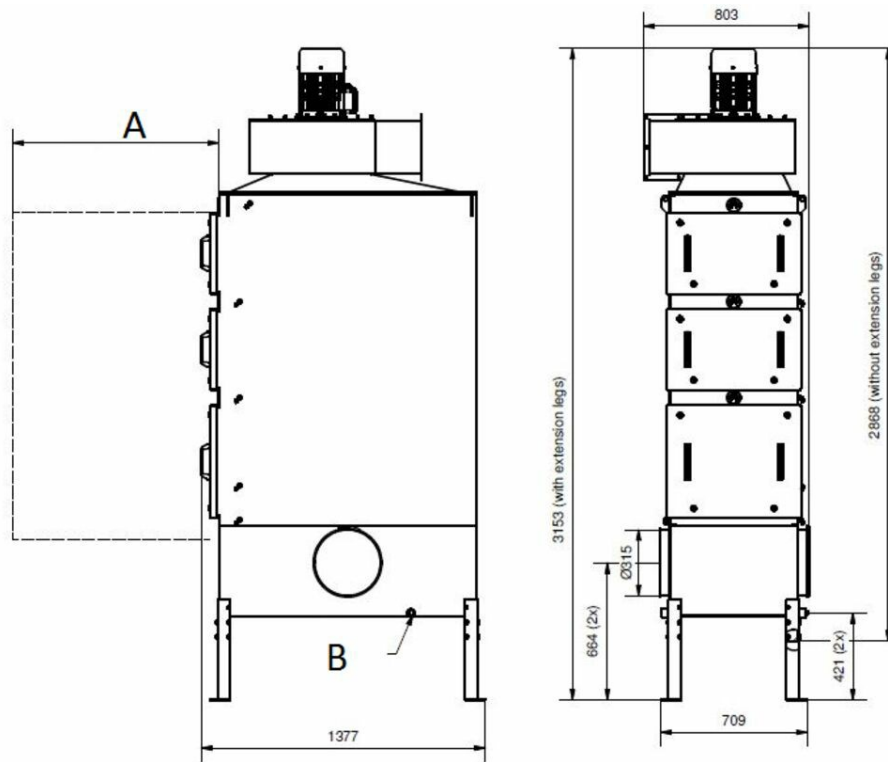
## Models

	Item no
	12401199 <sup>[1]</sup>

<sup>[1]</sup> Plus two (2) optional filter elements.

## Accessories

	Accessory	Item no
	Drain container with piping	12400764
	OSF 2000 Silencer 90/Ø250	12400014
	Transition NF 4kW/Ø250/1005	12400986
	Pre-Filter ORF 610x610x96 G4I	12400039
	FibreDrain Filter F66 OSF 1	12400006
	FibreDrain Filter F66 OSF 2	12400007
	Hepa DCM H13 610x610x292	12400012
	FibreDrain Pumpbox KTF81-220 / 60Hz	12401329
	OSF/OMF Instruction manual for mounting system for electric components	12401342
	OMF/OSF/MQL mounting system for electrical components	12401341
	Frequency inverter with 2kPa pressure sensor. 4kW. IP66 enclosure	73008915



A) 1000 mm min filler service space B) Drainage DN25 (2x)