

Product leaflet

# OSF 3500 HE

FibreDrain® oil smoke collector for continuous operation.



## OSF 3500 HE

- ✓ 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 3500 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.

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Certifications	CE
Standard	2009/125/EC
Volume (for shipping) (ft <sup>3</sup> )	240.85
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 inside and outside.
Filter cleaning method	Self-Draining
Working pressure (in. wg)	14.0" (External)
Capacity (max airflow cfm)	2354
Operating Temperature	140° F, (limited by filter media).
Power voltage (V)	460
Frequency (Hz)	60
No of phases	3
Number of filter elements	3
Amperage (A)	14.2
Weight (lbs)	1444
Power (Hp)	10 HP

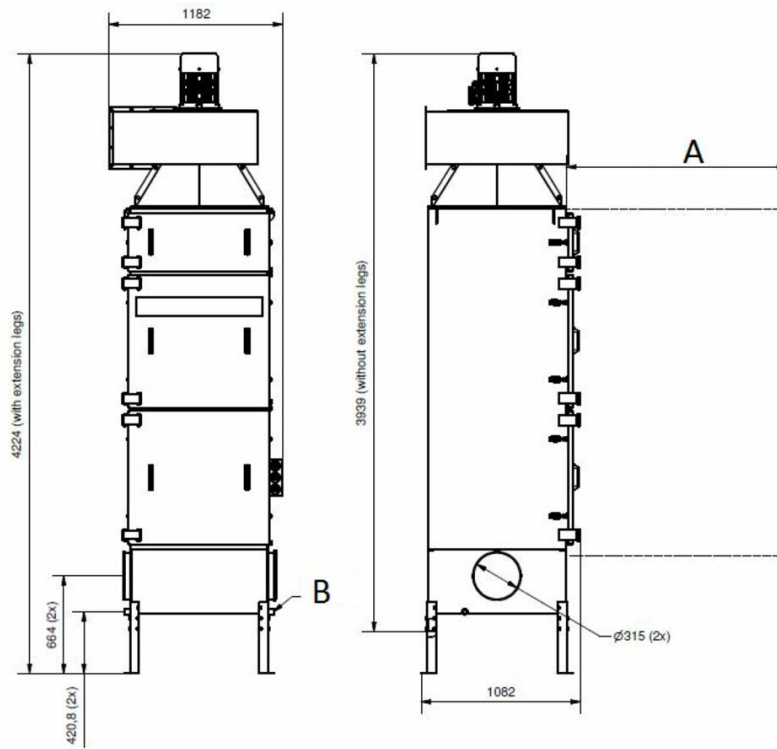
# Models

	Item no
	12401196 <sup>[1]</sup>

<sup>[1]</sup> Plus one (1) optional filter element.

## Accessories

	Accessory	Item no
	Drain container with piping	12400764
	OMF/OSF Silencer 90/Ø315	12400016
	Transition NF 7,5 kW / Ø 315 / 1005	12400988
	FibreDrain Pre Filter ORF 890x770x96	12400917
	FibreDrain Filter F99 OSF1	12400032
	FibreDrain Filter F99 OSF2	12400033
	Hepa filter H13 915x915x292	12400034
	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 5kPa pressure sensor. 7,5kW. IP66 enclosure	73008917
	Frequency inverter with 5kPa pressure sensor. 11kW. IP66 enclosure.	73008918



A) 1500 mm min filler service space B) Drainage DN25 (2x)