Product leaflet

OMF 4000

FibreDrain® oil mist collector for continuous operation.

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OMF 4000

- Three filter stages, optional pre-filter
- 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 OMF (Oil Mist Filter) is designed to handle large amounts of oil mist during continuous operation. They are engineered for high efficiency filtration coupled with lower maintenance costs.

The OMF 4000 has an external, top mounted, fan assembly and three-stage filtration, as standard. The first two stages consist of 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) (ft³)	204.12
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.
Working pressure (in. wg)	16.0" (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	6
Amperage (A)	14.2
Color	NCS-S 1005 B20G
Noise level (dB(A))	70 dB(A) @1,5 m from service side with ext. silencer
Weight (lbs)	783
Power (Hp)	10 (7,5 kW)
Note	Plus 2 optional filter elements. Incl extension legs.

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Models

	Item no
	12400964[1]

[1] Plus 2 optional filter elements. Incl extension legs.

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Accessories

	Accessory	Item no
	Drain container with piping	12400764
	OMF/OSF Silencer 90/Ø315	12400016
	Transition NF 7,5 kW / Ø 315 / 1005	12400988
	Pre-Filter ORF 610x610x96 G4I	12400039
	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 5kPa pressure sensor. 7,5kW. IP66 enclosure	73008917
	Frequency inverter with 5kPa pressure sensor. 11kW. IP66 enclosure.	73008918

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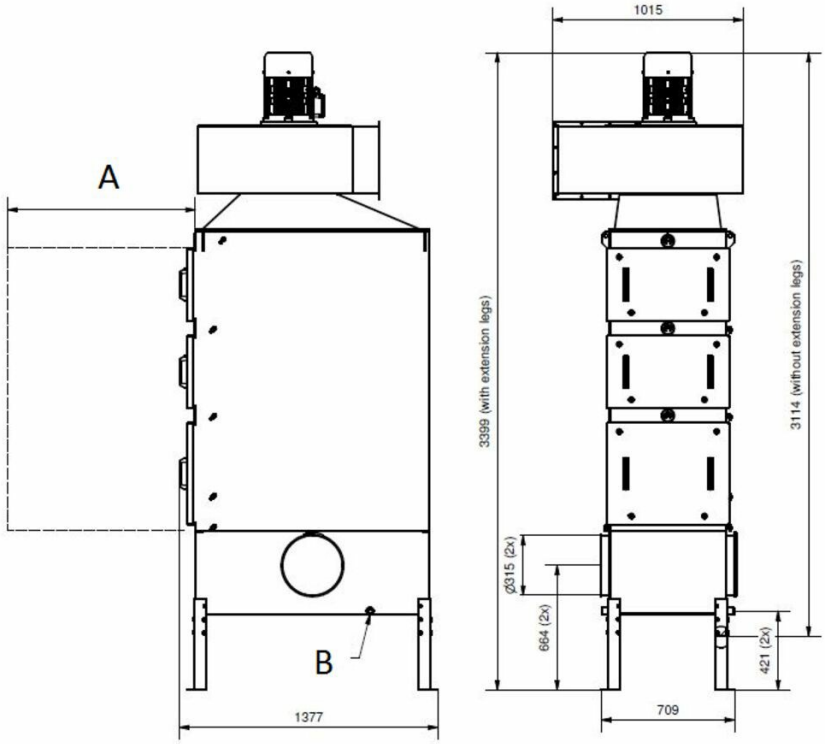

A) 1000 min filler service space B) Drainage DN25 (2x)

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