

Product leaflet

OMF 6000

FibreDrain® oil mist 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) Ø400mm 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 6000 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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[ProductCertifications]	[ce]
[ProductStandards]	2009/125/EC
Volume (for shipping) (ft³)	334.78
[ProductNoiselevel]	70 dB(A) @5' from service side, with optional external silencer.
[ProductProtectionclass]	IP55
[ProductFilterefficiency]	99.95
[ProductInstallation]	[Indoor]
[ProductMaterial]	Sheet metal, painted inside and outside.
Working pressure (psi)	18.0" (External)
Capacity (max airflow cfm)	3531
[ProductOperatingTemperature]	140° F (limited by filter media).
[ItemPowerVoltage]	460
[ItemFrequency]	60
[ItemNoofphases]	3
[ItemNbrofFilterElements]	9
[ItemAmperage]	20.5
[ItemColour]	NCS-S 1005 B20G
[ItemNoiselevel]	70 dB(A) @1,5 m from service side with ext. silencer
Weight (lbs)	1279
Power (Hp)	15.0 HP (11.0 kW) *Requires external starter (not included).
[ItemTechnicalDataClarification]	Plus three (3) optional filter elements.

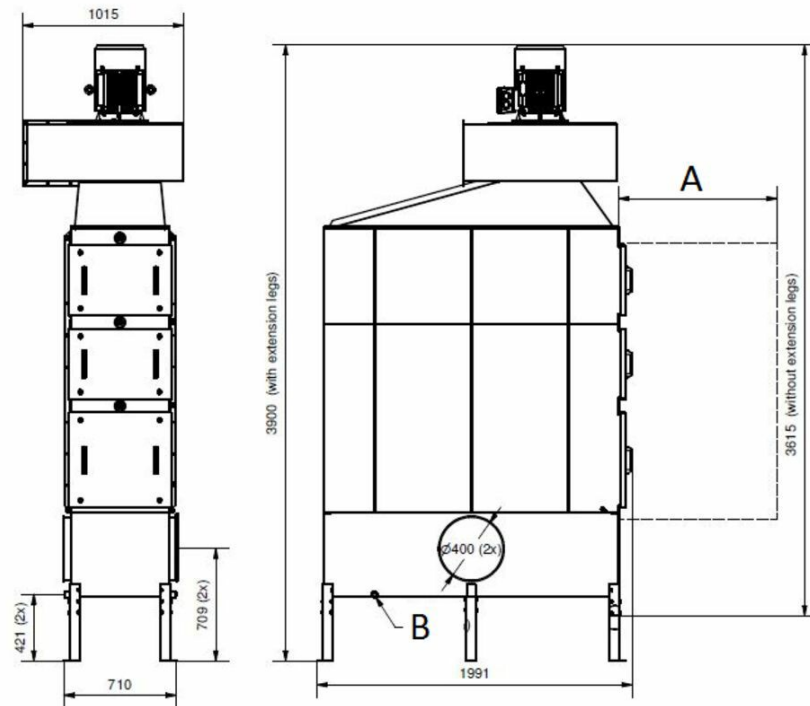
Models

	Item no
	12400967 ^[1]

^[1] Plus three (3) optional filter elements.

Accessories

	Accessory	Item no
	Drain container with piping	12400764
	OMF/OSF Silencer 90/Ø500	12400038
	Transition NF 11kW/ Ø500/1005	12400989
	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. 11kW. IP66 enclosure.	73008918
	Frequency inverter with 5kPa pressure sensor. 15kW. IP66 enclosure	73008919



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