

## OMF 2000 FC

### FibreDrain® oil mist collector for continuous operation



Nederman FibreDrain® OMF oil mist collectors are designed to handle large amounts of emulsion mist during continuous operation. They are developed with focus on high efficient filtration together with low maintenance cost.





Nederman FibreDrain® OMF 2000 FC has as standard 3 filter-stages where the first 2 stages consists of filter cassettes with Nederman's FibreDrain® technology. Nederman have a wide range of different types of filters to suit many different kind of applications. The third stage consists of a HEPA filter in filter class H13 with an efficiency of 99,95% for MPPS according to EN1822. OMF 2000 FC have an in-built radial fan.

- Three filter stages
- Gauges for reading of pressure drop over each filter stage
- Compact design
- Two inlet  $\varnothing$  200 mm with clamp ring connection
- Starter and motor protection included











Product name	OMF 2000 FC
Standard	2009/125/EC
Volume (for shipping) (m <sup>3</sup> )	1.72
Noise level (dB(A))	50 Hz: 66 dB(A) @1,5 m from service side 60 Hz: 68 dB(A) @1,5 m from service side
Protection class	IP55
Filter efficiency (%)	99,95
Installation	Indoor
Material	Sheet metal, painted both in- and outside.
Filter cleaning method	Self-Draining
Working pressure (kPa)	Max 2500 Pa
Capacity (max airflow m <sup>3</sup> /h)	2000
Operating Temperature	40 deg C (inbuilt fan)
No of phases	3
Number of filter elements	3
Colour	NCS-S 1005 B20G
Weight (kg)	200
Power (kW)	2,2
Note	



## OMF 2000 FC

Image	Description	Power Voltage (V)	Frequency (Hz)	Amperage (A)	Model
	OMF 2000 FC, Inlet Right or Back ø 200 mm clamp ring. Drain 1" Female	230/400	50	7,6 / 4,4	12400021
	OMF 2000 FC, Inlet Right or Back ø 200 mm clamp ring. Drain 1" Female	460	60	7.9	12400974
	OMF 2000 FC, Inlet Left or Back ø 200 mm clamp ring. Drain 1" Female	230/400	50	7,6 / 4,4	12400200
	OMF 2000 FC, Inlet Left or Back ø 200 mm clamp ring. Drain 1" Female	460	60	7.9	12400960

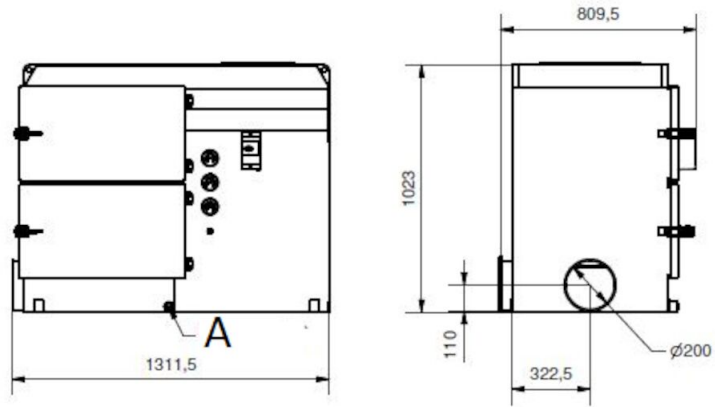
## OMF 2000 FC

Accessory		Part No
	Drain pump box, 50 Hz, 10 litre/min at 5m, including controller	12400054*
	Drain container with piping	12400764**
	FibreDrain Filter 1 OMF; 600x600x292 mm	12400009
	FibreDrain Filter 2 OMF; 600x600x292 mm	12400010
	HEPA Filter H13; 610x610x150 mm	12400852
	High capacity HEPA-filter kit for FC	12400984
	Outlet connection OSF 1000FC / OMF 2000FC - HEPA 610x610x292mm	12400726
	Outlet connection OSF 1000FC / OMF 2000FC - HEPA 610x610x150mm	12400959
	Drain pump box, 50 Hz, 10 litre/min at 10m, including controller	12401330
	Frequency inverter with 2kPa pressure sensor, 2,2kW	73008914

\*Drain connection must be elevated min 200 mm from pump box support level

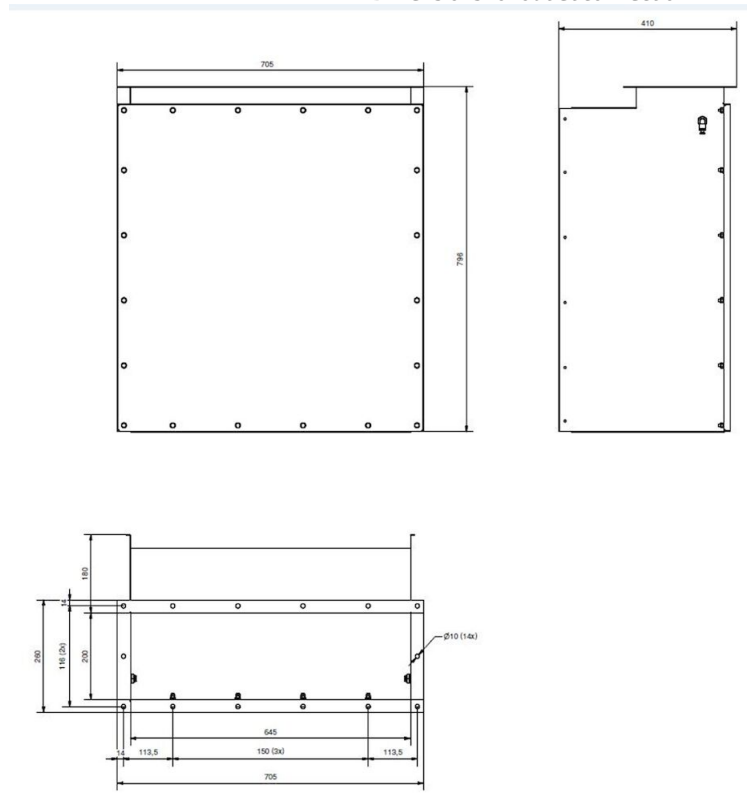
\*\*Drain connection must be elevated min 420mm from container support level

## OMF 2000 FC



A) Drain stud (x2)

### Dimensions for outlet connection:



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Dimensions for outlet connection:

