

## OMF 1000 FC

FibreDrain® oil mist collector for continuous operation.



Nederman OMF oil mist eliminators 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 OMF 1000 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 1000 FC have an built-in chamber fan.

- Three filter stages
- Gauges for reading of pressure drop over each filter stage
- Compact design
- Two inlet  $\varnothing$  150 mm with clamp ring connection
- Starter and motor protection included

<b>Product name</b>	OMF 1000 FC
<b>Standard</b>	2009/125/EC
<b>Volume (for shipping) (m<sup>3</sup>)</b>	1.1
<b>Noise level (dB(A))</b>	50 Hz: 66 dB(A) @1,5 m from service side 60 Hz: 69 dB(A) @1,5 m from service side
<b>Protection class</b>	IP55
<b>Filter efficiency (%)</b>	99,95
<b>Installation</b>	[Indoor]
<b>Material</b>	Sheet metal, painted both in- and outside.
<b>Filter cleaning method</b>	Self-Draining
<b>Working pressure (kPa)</b>	Max 2500 Pa
<b>Capacity (max airflow m<sup>3</sup>/h)</b>	1000
<b>Operating Temperature</b>	40 deg C (inbuilt fan)
<b>Power Voltage (V)</b>	230/400
<b>Frequency (Hz)</b>	50
<b>No of phases</b>	3
<b>Number of filter elements</b>	3
<b>Amperage (A)</b>	4,2 / 2,4
<b>Colour</b>	NCS-S 1005 B20G
<b>Weight (kg)</b>	150
<b>Power (kW)</b>	1,1
<b>Note</b>	



## OMF 1000 FC

[image]	Description	[model]
	OMF 1000 FC. Inlet Left or Back ø 150 mm clamp ring. Drain 1" Female	12400001

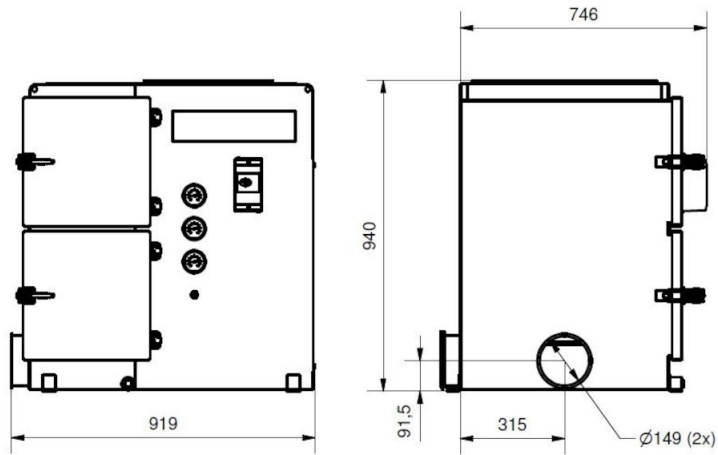
## OMF 1000 FC

	[accessory]	[partno]
	Drain pump box, 50 Hz	12400054*
	Drain container with piping	12400764**
	FibreDrain Filter 1 OMF; 300x600x292 mm	12400002
	FibreDrain Filter 2 OMF; 300x600x292 mm	12400003
	HEPA Filter H13; 595x595x100 mm	12400004
	Outlet connection OSF 500FC / OMF 1000FC	12400548
	Drain pump box, 50 Hz, 10 litre/min at 10m, including controller	12401330
	Frequency Inverter 1,1 kW incl transmitter 0 - 2 kPa	12400845

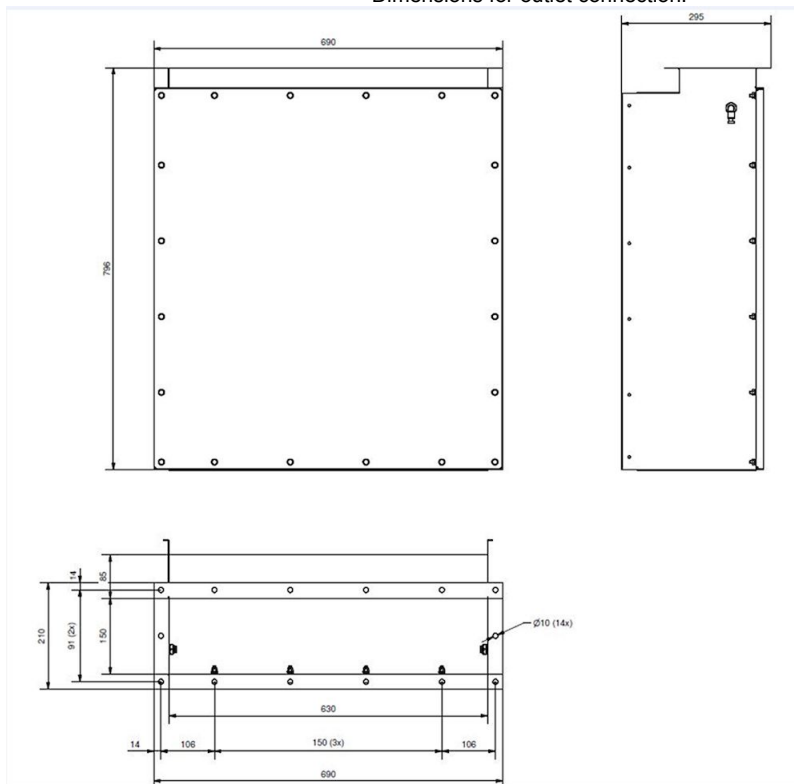
\*Drain connection must be elevated min 200 mm from pump box support level

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

## OMF 1000 FC



Dimensions for outlet connection:



Outlet connection OSF 500FC / OMF 1000FC