

**Nederman**

# FibreDrain

Optimized Drainage Technology



# OSF1000



Nederman OSF oil smoke eliminators are designed to handle large amounts of oil smoke during continuous operation. They are developed with focus on high efficient filtration together with low maintenance cost. Nederman OSF 1000 has as standard three filterstages where the two first stages consists of filter cassettes with the FibreDrain™ technology. The third stage consists of a HEPA filter in filter class H13 with an efficiency of 99.95% for MPPS according to EN1822. All Nederman OSF units are prepared for use of pre-filter.



Product Name	OSF 1000
Part Number	12400963
Noise Level dB(A)	67 dB(A) @ 1.5 m (~5 ft) from service side
Protection Class	IP55
Filter Efficiency	99.95%
Installation	Indoor
Material	Sheet metal, painted inside and outside
Filter Cleaning Method	Self-Draining
Static Pressure	Max 14"
Capacity (max air flow)	589 CFM
Operating Temperature	40 dec C/104 deg F (inbuilt fan)
Power Voltage	460V /3 ph / 60 hz
Number of Filter Elements	3
Full Load Amps	1.98
Power	1.5 Hp
Weight	540 lbs

Optional Accessories	Part Number
Drain pump box, 60 hz	12400452
Drain container with piping*	12400764
Frequency Inverter 1.5 Hp with transmitter 0-2 kPa	12400845
Optional FibreDrain Pre Filter ORF 610x610x96 mm	12400016
FibreDrain Filter 1 OSF; 600x600x292 mm	12400006
FibreDrain Filter 2 OSF; 600x600x292 mm	12400007
HEPA Filter H13; 610x610x292 mm	12400012
Outlet transition, ø 200 mm / 8 in., for OSF1000 / OSF1000-2 /OMF1000-2 /OMF2000	12400904
Outlet transition, ø 250 mm / 10 in., for OSF1000 / OSF1000-2 /OMF1000-2 /OMF2000	12400905
Outlet transition, ø 315 mm / 12 in., for OSF1000 / OSF1000-2 /OMF1000-2 /OMF2000	12400906

- \*Drain connection must be elevated min 420 mm / 17 in. from container support level
- Three stage filter with optional pre-filter
  - Pressure gauges at each stage for easy filter maintenance
  - Extension legs for height adjustment
  - Two inlet 200 mm / 8" inlet with clamp ring connection for easy installation and maintenance
  - Starter motor protection included

## Dimensions

