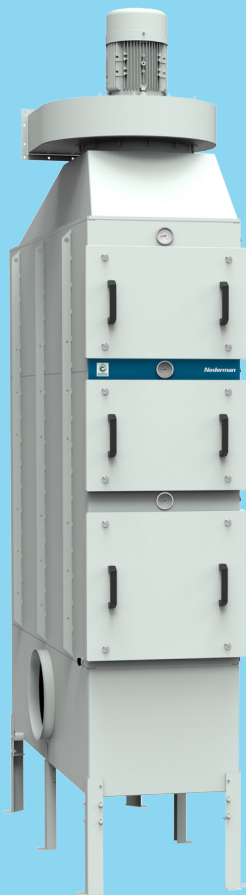




Nederman

FibreDrain

Optimized Drainage Technology



OSF 3000



Nederman FibreDrain™ OSF oil smoke collectors are designed to handle large amounts of neat oil mist during continuous operation. They are developed with focus on high efficient filtration together with low maintenance cost. Nederman FibreDrain™ OSF 3000 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 fibre beds 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. All tower built Nederman FibreDrain™ OSF units are prepared for use with a pre-filter. OSF 3000 have a top mounted radial fan.



Product Name	OSF 3000
Part Number	12400966
Noise Level dB(A)	70 dB(A) @ 1.5 m (~5 ft) from service side with ext. silencer
Protection Class	IP55
Filter Efficiency	99.95%
Installation	Indoor
Material	Sheet metal, painted inside and outside
Filter Cleaning Method	Self-Draining
Static Pressure	Max 18"
Capacity (max air flow)	1767 CFM
Operating Temperature	60 dec C/140 deg F (limited by filter)
Power Voltage	460V / 3 ph / 60 hz
Number of Filter Elements	9
Full Load Amps	8.6
Power	7.5 Hp
Weight	1268 lbs
Note	Plus 3 optional filter elements. Includes extension legs

- Three stage filter with optional pre-filter
- Pressure gauges at each stage for easy filter maintenance
- Extension legs for height adjustment
- Two inlet 400 mm / ~16 in. inlet with clamp ring connection for easy installation and maintenance

Optional Accessories	Part Number
Drain pump box, 60 hz	12400452
Drain container with piping*	12400764
Frequency Inverter 10 Hp with transmitter 0-2 kPa	12400822
Silencer 90° Ø315 / 12 in.	12400016
Optional FibreDrain Pre Filter ORF 610x610x96 mm	12400039
FibreDrain Filter 1 OSF; 600x600x292 mm	12400006
FibreDrain Filter 2 OSF; 600x600x292 mm	12400007
HEPA Filter H13; 610x610x292 mm	12400012
Transition NF 10HP / Ø 315 / 1005	12400988

*Drain connection must be elevated min 420 mm / 17 in. from container support level

Dimensions

