

# OSF 3x2000 SM

FibreDrain® oil smoke collector for continuous operation.



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- ✓ Three filter stages, optional pre-filter
- ✓ Gauges for reading of pressure drop over each filter stage
- ✓ Drain: 4 off 1 1/2"
- ✓ Non-vibration fan suspension system



Nederman 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 OSF 3x2000 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. All tower built Nederman OSF units are prepared for use of pre filter. OSF 3x2000 have a top mounted radial fan.

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|  |  |
|--|--|
| Certifications                           | CE   |
| Standard                                 | 2009/125/EC  |
| Noise level (dB(A))                      | < 70 dB(A) @1,5 m from service side with optional fan enclosure and silencer |
| 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 4500 Pa  |
| Capacity (max airflow m <sup>3</sup> /h) | 6000   |
| [ProductOperatingTemperature]            | 60 deg C (limited by filter)   |
| Power voltage (V)                        | 400/690  |
| Frequency (Hz)                           | 50   |
| No of phases                             | 3  |
| Number of filter elements                | 18   |
| Amperage (A)                             | 19,5/11,3  |
| Colour                                   | NCS-S 1005 B20G  |
| Weight (kg)                              | 1920   |
| Power (kW)                               | 11   |

Models

|   | Item no                 |
|---|-------------------------|
|  | 12401143 <sup>[1]</sup> |
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<sup>[1]</sup> Plus 6 optinal filter element.

# Accessories

|   | Accessory   | Item no  |
|---|---|----------|
|    | Drain pump box, 50 Hz   | 12400054 |
|    | Drain container with piping   | 12400764 |
|    | Pre-Filter ORF 610x610x96 G4I                                       | 12400039 |
|    | FibreDrain Filter F66 OSF 1   | 12400006 |
|    | FibreDrain Filter F66 OSF 2   | 12400007 |
|   | Hepa DCM H13 610x610x292  | 12400012 |
|  | Inlet adapter OSF 3x2000  | 12401137 |
|  | Extension structure OSF 3x2000, OMF 3x4000                          | 12401165 |
|  | Fan enclosure 2 filters in depth                                    | 12401109 |
|  | OMF/OSF Silencer 90/Ø500  | 12400038 |
|  | FibreDrain Pumpbox KTF82-200 / 50Hz                                 | 12401330 |
|  | Frequency inverter with 5kPa pressure sensor. 11kW. IP66 enclosure. | 73008918 |
|  | Frequency inverter with 5kPa pressure sensor. 15kW. IP66 enclosure  | 73008919 |



