

Product leaflet

OMF 3x4000 SM

FibreDrain® oil mist collector for continuous operation.



Nederman OMF 3x4000 SM

OMF 3x4000 SM

- Three filter stages, optional pre-filter
- Gauges for reading of pressure drop over each filter stage
- Drain: 4 off 11/2"
- Non-vibration fan suspension system

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 3x4000 has as standard 3 filter-stages where the first stage consists of filter cassettes with Nederman Nederman's FibreDrain® technology. Nederman have a wide range of different types of filters to suit many different kind of applications. The second 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 OMF units are prepared for use of pre filter. OMF 3x4000 have a top mounted radial fan.

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| CertificationsCEStandard2009/125/ECProtection classIP55Filter efficiency (%)99.95InstallationIndoorMaterialSheet metal, painted both in- and outside.Filter cleaning methodSelf-DrainingWorking pressure (kPa)Max 4600 PaCapacity (max airflow m3/h)12000[ProductOperatingTemperature]60 deg C (limited by filter)Power voltage (V)400/690Frequency (Hz)50No of phases3Number of filter elements18Amperage (A)26/15,1ColourNCS-S 1005 B20GWeight (kg)1925Power (kW)15 | | |
|--|-------------------------------|--|
| Protection class Filter efficiency (%) 99.95 Installation Material Sheet metal, painted both in- and outside. Filter cleaning method Self-Draining Working pressure (kPa) Max 4600 Pa Capacity (max airflow m3/h) 12000 [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) 26/15,1 Colour NCS-S 1005 B20G Weight (kg) 1925 | Certifications | CE |
| Filter efficiency (%) Installation Indoor Material Sheet metal, painted both in- and outside. Filter cleaning method Self-Draining Working pressure (kPa) Max 4600 Pa Capacity (max airflow m3/h) [ProductOperatingTemperature] Frequency (Hz) No of phases Number of filter elements Amperage (A) Colour NCS-S 1005 B20G Weight (kg) Painted both in- and outside. Sheet metal, painted both in- and outside. | Standard | 2009/125/EC |
| Installation Indoor Material Sheet metal, painted both in- and outside. Filter cleaning method Self-Draining Working pressure (kPa) Max 4600 Pa Capacity (max airflow m3/h) 12000 [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) 26 / 15,1 Colour NCS-S 1005 B20G Weight (kg) 1925 | Protection class | IP55 |
| Material Sheet metal, painted both in- and outside. Filter cleaning method Self-Draining Working pressure (kPa) Max 4600 Pa Capacity (max airflow m3/h) 12000 [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) 26/15.1 Colour NCS-S 1005 B20G Weight (kg) 1925 | Filter efficiency (%) | 99.95 |
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| Weight (kg) 1925 | Amperage (A) | 26/15,1 |
| | Colour | NCS-S 1005 B20G |
| Power (kW) 15 | Weight (kg) | 1925 |
| | Power (kW) | 15 |

Nederman OMF 3x4000 SM

Models

| | Item no |
|----------|-------------------------|
| 10.00 mg | 12401154 ^[1] |

^[1] Plus 6 optional filter elements.



Accessories

| | Accessory | Item no |
|-----|--|----------|
| | Drain pump box, 50 Hz | 12400054 |
| a) | Drain container with piping | 12400764 |
| | Pre-Filter ORF 610x610x96 G4I | 12400039 |
| | FibreDrain Filter F66 OMF 1 | 12400009 |
| | FibreDrain Filter F66 OMF 2 | 12400010 |
| | Hepa DCM H13 610x610x292 | 12400012 |
| | Inlet adapter OSF 4x3000, OMF 3x4000, OMF 2x6000 | 12401163 |
| FRI | Extension structure OSF 3x2000, OMF 3x4000 | 12401165 |
| | Fan enclosure 2 filters in depth | 12401109 |
| | OMF/OSF Silencer 90/Ø630 | 12401159 |
| | FibreDrain Pumpbox KTF82-200 / 50Hz | 12401330 |













