

# OSF 1000

FibreDrain® oil smoke collector for continuous operation.



## OSF 1000

- ✓ Three filter stages, optional pre-filter
- ✓ Gauges for reading of pressure drop over each filter stage
- ✓ Extension legs
- ✓ Two inlet ø 200 mm with clamp ring connection
- ✓ Starter and motor protection included

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 1000 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 1000 have an in-built radial fan.

## OSF 1000

|                                          |                                                                                   |
|------------------------------------------|-----------------------------------------------------------------------------------|
| [ProductCertifications]                  | [ce]                                                                              |
| [ProductStandards]                       | 2009/125/EC                                                                       |
| [ProductNoiselevel]                      | 50 Hz: 65 dB(A) @1,5 m from service side 60 Hz: 67 dB(A) @1,5 m from service side |
| [ProductProtectionclass]                 | IP55                                                                              |
| [ProductFilterefficiency]                | 99.95                                                                             |
| [ProductInstallation]                    | [Indoor]                                                                          |
| Material                                 | Sheet metal, painted both in- and outside.                                        |
| Filter cleaning method                   | [Draining]                                                                        |
| [ProductWorkingpressure]                 | Max 2500 Pa                                                                       |
| Capacity (max airflow m <sup>3</sup> /h) | 1000                                                                              |
| Operating Temperature                    | 40 deg C (inbuilt fan)                                                            |
| Power voltage (V)                        | 230/400                                                                           |
| Frequency (Hz)                           | 50                                                                                |
| No of phases                             | 3                                                                                 |
| Number of filter elements                | 3                                                                                 |
| Amperage (A)                             | 4,2 / 2,4                                                                         |
| Weight (kg)                              | 245                                                                               |
| Power (kW)                               | 1,1                                                                               |

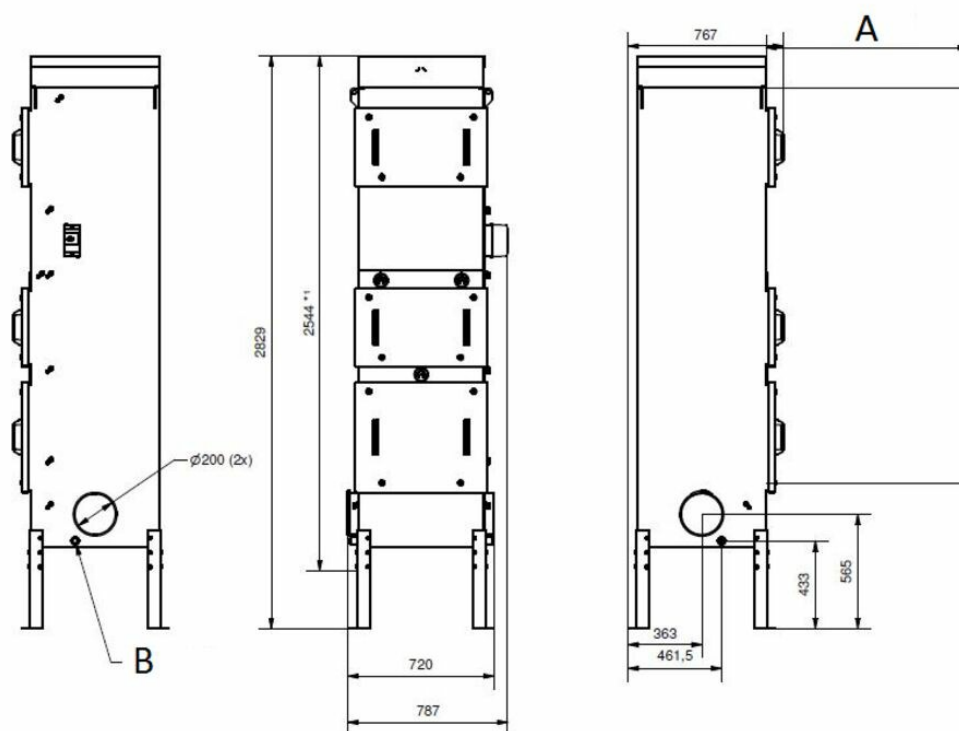
Models

|                                                                                   | Item no                 |
|-----------------------------------------------------------------------------------|-------------------------|
|  | 12400029 <sup>[1]</sup> |

<sup>[1]</sup> Plus 1 optional filter element. Incl extension legs

## Accessories

|                                                                                     | Accessory                                                                      | Item no  |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------|
|    | Drain pump box, 50 Hz                                                          | 12400054 |
|    | Drain container with piping                                                    | 12400764 |
|    | FibreDrain Pre Filter ORF 610x610x96 G4                                        | 12400039 |
|    | FibreDrain Filter 1 OSF; 600x600x292mm                                         | 12400006 |
|    | FibreDrain Filter 2 OSF; 600x600x292mm                                         | 12400007 |
|   | Hepa DCM H13 610x610x292 mm                                                    | 12400012 |
|  | Outlet transition, ø 200 mm, for OSF 1000 / OSF 1000-2 / OMF 1000-2 / OMF 2000 | 12400904 |
|  | Outlet transition, ø 250 mm for OSF1000 / OSF1000-2 / OMF1000-2 / OMF2000      | 12400905 |
|  | Outlet transition, ø 315 mm for OSF1000 / OSF1000-2 / OMF1000-2 / OMF2000      | 12400906 |
|  | FibreDrain Pumpbox KTF82-200 / 50Hz                                            | 12401330 |
|  | OSF/OMF Instruction manual for mounting system for electric components         | 12401342 |
|  | OMF/OSF/MQL mounting system for electrical components                          | 12401341 |
|  | Frequency inverter with 2 kPa pressure sensor. 1,5kW. IP66 enclosure           | 73008913 |



A) 1000 min filler service space B) Drain stud (x2)