

# OSF 1500 FC

FibreDrain® oil smoke collector for continuous operation.



## OSF 1500 FC

- ✓ Three filter stages
- ✓ Gauges for reading of pressure drop over each filter stage
- ✓ Compact design
- ✓ 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 1500 FC 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. OSF 1500 FC have an in-built radial fan.













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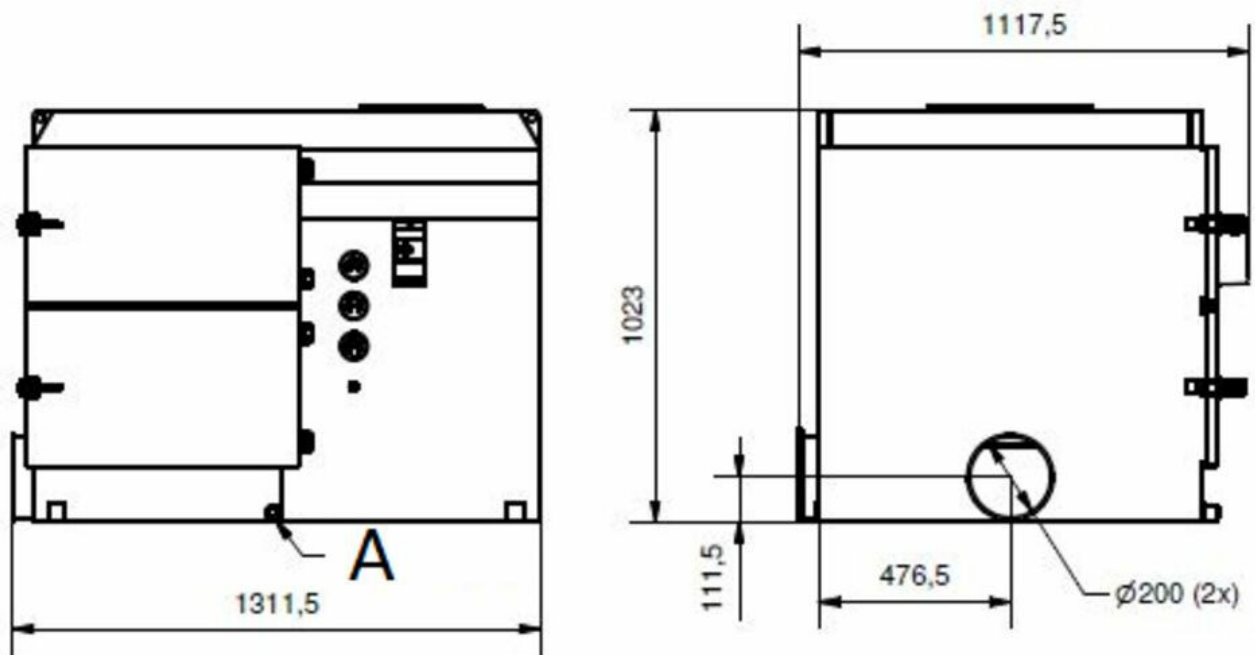
|  |   |
|--|---|
| [ProductCertifications]                  | [ce]  |
| [ProductStandards]                       | 2009/125/EC   |
| [ProductNoiselevel]                      | 50 Hz: 67 dB(A) @1,5 m from service side 60 Hz: 69 dB(A) @1,5 m from service side |
| [ProductProtectionclass]                 | 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) | 1500  |
| 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)                             | 7,6 / 4,4   |
| Weight (kg)                              | 270   |
| Power (kW)                               | 2,2   |

Models

|   | Item no  |
|---|----------|
|  | 12400874 |
|  | 12400875 |

## Accessories

|   | Accessory   | Item no  |
|---|---|----------|
|    | Drain pump box, 50 Hz   | 12400054 |
|    | Drain container with piping   | 12400764 |
|    | FibreDrain Filter 1 OSF; 600x600x292mm  | 12400006 |
|    | FibreDrain Filter 2 OSF; 600x600x292mm  | 12400007 |
|    | Fibre Drain Filter 1 OSF; 600x300x292mm   | 12400164 |
|  | FibreDrain Filter 2 OSF; 600x300x292mm  | 12400169 |
|  | HEPA Filter H13; 610x610x150mm  | 12400852 |
|  | High capacity HEPA-filter kit for FC: 4 pcs distance holders and 1 pc HEPA filter 610x610x292mm | 12400984 |
|  | Outlet connection OSF 1500FC - HEPA 610x610x292mm   | 12400761 |
|  | Outlet connection OSF 1500FC - HEPA 610x610x150mm   | 12400886 |
|  | FibreDrain Pumpbox KTF82-200 / 50Hz   | 12401330 |
|  | Frequency inverter with 2kPa pressure sensor. 2,2kW. IP66 enclosure                             | 73008914 |



A) Drain stud (x2)

