Nederman

OSF 1500 FC

FibreDrain[®] oil smoke collector for continuous operation.





Nederman OSF oil smoke eliminators 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 built-in radial fan.

- 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

| Product nameOSF 1500 FCStandard2009/125/ECVolume (for shipping) (m³)2.21Noise level (dB(A))50 Hz: 67 dB(A) @1,5 m from service side 60 Hz: 69 dB(A) @1,5 m from service sideProtection classIP55Filter efficiency (%)99,95Installation[Indoor]MaterialSheet metal, painted both in- and outside.Filter cleaning methodSelf-DrainingWorking pressure (kPa)Max 2500 PaCapacity (max airflow m3/h)1500Operating Temperature40 deg C (inbuilt fan)Power Voltage (V)230/400Frequency (Hz)50No of phases3Amperage (A)7,6 / 4,4ColourNCS-S 1005 B20GWeight (kg)270Power (kW)2,2 | | |
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| Note | Operating Temperature Power Voltage (V) Frequency (Hz) No of phases Number of filter elements Amperage (A) Colour Weight (kg) | 40 deg C (inbuilt fan) 230/400 50 3 3 3 7,6 / 4,4 NCS-S 1005 B20G 270 |



OSF 1500 FC

| Image | Description | Model |
|-------|---|----------|
| | OSF 1500 FC, Inlet Right or Back ø 200 mm clamp ring. Drain 1'' Female | 12400874 |
| | OSF 1500 FC, Inlet Left or Back ø 200 mm clamp ring. Drain 1" Female | 12400875 |

Nederman

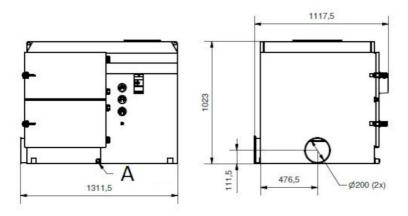
OSF 1500 FC

| | Accessory | Part No |
|---------------------|--|------------|
| | Drain pump box, 50 Hz | 12400054* |
| đ | Drain container with piping | 12400764** |
| | FibreDrain Filter 1 OSF; 600x600x292 mm | 12400006 |
| | FibreDrain Filter 2 0SF; 600x600x292 mm | 12400007 |
| | Fibre Drain Filter 1 OSF; 600x300x292 mm | 12400164 |
| | FibreDrain Filter 2 0SF; 600x300x292 mm | 12400169 |
| | HEPA Filter H13; 610x610x150 mm | 12400852 |
| | High capacity HEPA-filter kit for FC | 12400984 |
| | Outlet connection OSF 1500FC - HEPA 610x610x292mm | 12400761 |
| | Outlet connection OSF 1500FC - HEPA 610x610x150mm | 12400886 |
| | Drain pump box, 50 Hz, 10 litre/min at 10m, including controller | 12401330 |
| *Oraia connection m | Frequency inverter with 2kPa pressure sensor. 2,2kW | 73008914 |

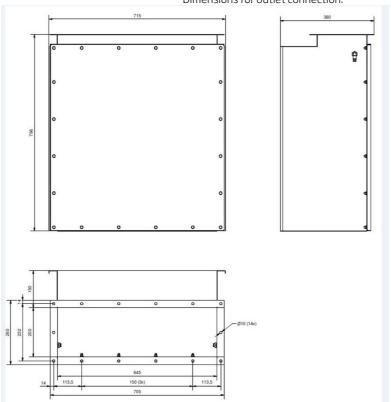
*Drain connection must be elevated min 200 mm from pump box support level **Drain connection must be elevated min 420mm from container support level



OSF 1500 FC



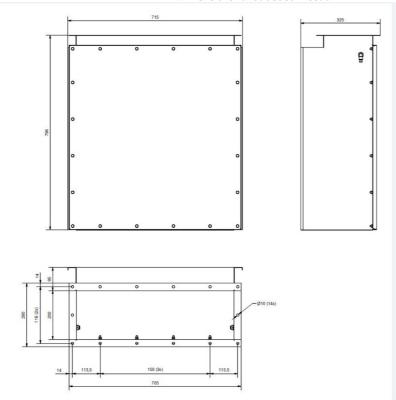
A) Drain stud (x2)



Dimensions for outlet connection:



OSF 1500 FC



Dimensions for outlet connection: