

OSF 7000 HE

FibreDrain® oil smoke collector for continuous operation.



The Nederman OSF (Oil Smoke Filter) is designed to handle large amounts of oil smoke during continuous operation. They are engineered for high efficiency filtration coupled with lower maintenance costs.


The OSF 7000 HE has an external, top mounted, fan assembly and three-stage filtration, as standard. The first two stages consist of a filter cassettes with Nederman's FibreDrain® technology. The third stage is a class H13 HEPA filter with a 99.95% efficiency for MPPS, per EN1822. All tower-style OMF units are designed to accept an optional pre-filter. Nederman offers a wide selection of filters to fit a range of different applications.

- Three filter stages, optional pre-filter
- Gauges for reading of pressure drop over each filter stage
- Extension legs
- Two (2) Ø450mm inlet locations, one blanked using clamp ring connection.

| | |
|-----------------------------|--|
| Product name | OSF 7000 HE |
| Standard | 2009/125/EC |
| Volume (for shipping) (ft³) | 447.44 |
| Noise level (dB(A)) | 70 dB(A) @5' from service side, with optional external silencer. |
| Protection class | IP55 |
| Filter efficiency (%) | 99,95 |
| Installation | Indoor |
| Material | Sheet metal, painted inside and outside. |
| Filter cleaning method | Self-Draining |
| Working pressure (in. wg) | 14.0" (External) |
| Capacity (max airflow cfm) | 4708 |
| Operating Temperature | 140° F, (limited by filter media). |
| No of phases | 3 |
| Number of filter elements | 6 |
| Colour | NCS-S 1005 B20G |
| Weight (lbs) | 2910 |

















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| Image | Description | Power Voltage (V) | Frequency (Hz) | Amperage (A) | Power (Hp) | Model |
|---|--|-------------------|----------------|--------------|-------------------|------------|
|  | OSF 7000, Inlet 2 x ø 450 mm clamp ring left or right. Drain 2 x 1" Female | 400/690 | 50 | 19,5 / 11,3 | 15.0 HP (11.0 Kw) | 12400900* |
| | | 460 | 60 | 20.4 | 15 HP | 12401254** |

*Plus 2 optional filter elements. Incl extension legs.

**Plus two (2) optional filter element. *Requires special filter frame(s).

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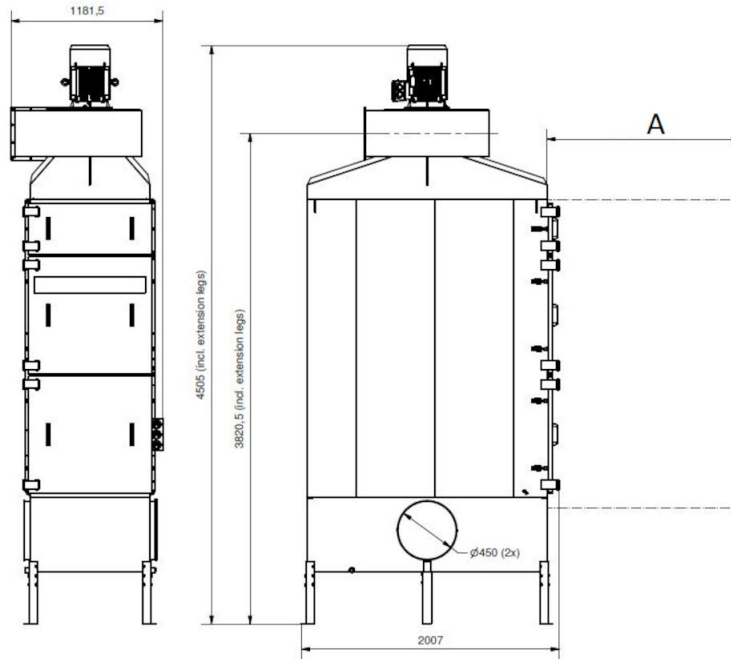
| Accessory | | Part No |
|---|--|-------------|
|  | Drain pump box, 50 Hz | 12400054* |
|  | Drain container with piping | 12400764** |
|  | Silencer 90° Ø 500 mm | 12400038 |
|  | Transition NF 11 kW / Ø500 / 1005 | 12400989 |
|  | Optional FibreDrain Pre Filter ORF 890x770x96 mm | 12400917 |
|  | Filter 1, OSF3500 | 12400032 |
|  | Filter 2, OSF3500 | 12400033 |
|  | HEPA Filter OSF3500 | 12400034 |
|  | Drain pump box, 50 Hz, 10 litre/min at 10m, including controller | 12401330 |
|  | Drain pump box, 60 Hz, 10 litre/min at 5m, excluding controller | 12401329*** |
|  | OSF/OMF Instruction manual for mounting system for electric components | 12401342 |
|  | OMF/OSF/MQL mounting system for electrical components | 12401341 |
|  | Frequency inverter with 5kPa pressure sensor. 11kW | 73008918 |
|  | Frequency inverter with 5kPa pressure sensor. 15kW | 73008919 |

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

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

***Controller available on request.

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A) 1500 mm min filler service space