A new generation of oil mist filters providing high filtration efficiency with low capital and maintenance cost. Nederman present a complete new generation of mechanical oil mist filters, primarily designed for capture and control of coolant and machining oil mist.

**NOM - Nederman Oil Mist Filters**

are available in various capacities and configurations for easy adaptation for most applications where capturing of coolant or oilmist are the problem.

**NOM - Nederman Oil Mist Filters**

have a unique filter concept with one of the most advanced filter media on the market. High filtration and virtually selfCleaning through gravity drip, where the accumulated liquid is drained back to the machine, are contributions to improving the work environment and protecting personnel and sensitive equipment. Oil mist not collected and filtered at source can destroy electrical equipment and cause oil coating on floors, machines and products.

We guarantee >99.97% filtration efficiency with HEPA filter.
An investment in NOM is not luxury, just sound economic sense

The contaminated air from the process is drawn into the lower chamber.

The air starts rotating when passing the turbulator plates and separates large oil drops.

The pre-filter separates most of the largest particles and has a self-draining function, and therefore becomes saturated with oil which means that the filter can handle large amounts of emulsion. The pre-filter is washable.

Filtration efficiency >90% for oilmist.

The HEPA filter meets the demands from authorities on efficient cleaning. All NOM filters can therefore be equipped with HEPA filter. The HEPA filter is not washable.

Return drainage pipe. The oil is drained back to a collecting tank or to the machine.

Integrated fan.

<table>
<thead>
<tr>
<th>Model NOM</th>
<th>4</th>
<th>11</th>
<th>18</th>
<th>28</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air flow, max capacity, m³/h</td>
<td>400</td>
<td>1100</td>
<td>1800</td>
<td>2800</td>
</tr>
</tbody>
</table>
### Technical specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Fan</th>
<th>V</th>
<th>Phase</th>
<th>Frequency Hz</th>
<th>HEPA filter</th>
<th>Power kW</th>
<th>Current A</th>
<th>Part No.</th>
<th>Fan Manual Starter</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOM 4</td>
<td>x</td>
<td>230</td>
<td>1</td>
<td>50</td>
<td>x</td>
<td>0.37</td>
<td>3.15</td>
<td>12610368</td>
<td>14502337</td>
</tr>
<tr>
<td>NOM 4</td>
<td>x</td>
<td>230</td>
<td>1</td>
<td>50</td>
<td>x</td>
<td>0.37</td>
<td>3.15</td>
<td>12610468</td>
<td>14502337</td>
</tr>
<tr>
<td>NOM 4</td>
<td>x</td>
<td>400/230</td>
<td>3</td>
<td>50</td>
<td>x</td>
<td>0.37</td>
<td>1.0/1.75</td>
<td>12610668</td>
<td>14502137/14502237</td>
</tr>
<tr>
<td>NOM 4</td>
<td>x</td>
<td>400/230</td>
<td>3</td>
<td>50</td>
<td>x</td>
<td>0.37</td>
<td>1.0/1.75</td>
<td>12611168</td>
<td>14502137/14502237</td>
</tr>
</tbody>
</table>

### Environmental data

<table>
<thead>
<tr>
<th>Model NOM 4 11 18 28</th>
<th>4</th>
<th>11</th>
<th>18</th>
<th>28</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound level, dB(A), with silencer</td>
<td>&lt;70</td>
<td>&lt;70</td>
<td>&lt;70</td>
<td>-</td>
</tr>
<tr>
<td>Weight in kg</td>
<td>29</td>
<td>129</td>
<td>215</td>
<td>240</td>
</tr>
<tr>
<td>Protection class</td>
<td>IP 55</td>
<td>IP 55</td>
<td>IP 55</td>
<td>IP 55</td>
</tr>
<tr>
<td>Material recovery, % of weight</td>
<td>69%</td>
<td>86%</td>
<td>90%</td>
<td>88%</td>
</tr>
</tbody>
</table>

### Water and oil trap

Available in different designs.
- Part No. 12373651 Container for NOM 11, 18, 28 (1)
- Part No. 12373657 Drip collector for NOM 4 (2)
- Part No. 12373652 Hose with oil trap (3)

### Accessories

#### Fan Manual Starter
A combined starter/motor protector and maintenance switch for the NOM fan. IP 65
- Part No. 12373368

#### Replacement filters
- **NOM 4**
  - Pre-filter, 3m²
  - HEPA, 5.5m²
- **NOM 11**
  - Pre-filter, 8.5m²
  - HEPA, 16m²
- **NOM 18**
  - Pre-filter, 14m²
  - HEPA, 24m²
- **NOM 28**
  - Pre-filter, 21m²
  - HEPA, 40m²

#### Silencers
Nederman’s silencer can be used on NOM 11 and on NOM 18 to lower the sound level.
- Part No. 12373650 for NOM 18 (1)
- Part No. 12373649 for NOM 11 (2)

#### Machinery stand
Including damper, for NOM 4.
- Part No. 12373705

#### Wall bracket
For mounting on wall for NOM 4.
- Part No. 1054035

#### Pressure gauge kit
Measures the pressure drop over the filter cartridges, for NOM 4
- Part No. 12373656

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1. **Silencers**
2. **Machinery stand**
3. **Wall bracket**
The majority of Nederman’s products are manufactured within ISO 9001 and ISO 14001-certified Quality- and Environmental system. For more detailed information please contact us.