

**TECHNICAL DESCRIPTION**

**Filter/Overpressure device FS**

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QVO 0472-US  
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**Figure**

**Self-cleaning filter/overpressure device FS**

The filter/overpressure device FS was developed for reliable and long-term operation under extreme ambient conditions as in steel works, paper factories and foundries. Thanks to its robust structure, a reliable operation is ensured even with heavy shocks.

**General description**

<b>Scope of delivery</b>	<b>Your benefits!</b>
<b>Blower motor</b> <ul style="list-style-type: none"> <li>• Norm motors in industrial construction</li> </ul>	<ul style="list-style-type: none"> <li>• Powerful</li> <li>• Long runtimes</li> <li>• Very good availability of spare parts worldwide</li> <li>• Air volume can be set using the throttle valve in the air outlet.</li> </ul>
<b>Cleaning motor</b> <ul style="list-style-type: none"> <li>• Norm motors in industrial construction</li> </ul>	<ul style="list-style-type: none"> <li>• Powerful</li> <li>• Long runtimes</li> <li>• Very good availability of spare parts worldwide</li> </ul>
<b>Primary filter</b> <ul style="list-style-type: none"> <li>• Large-surface, self-cleaning filter bags</li> </ul>	<ul style="list-style-type: none"> <li>• Long filter service life due to fully automatic shaking function</li> <li>• Minimal maintenance</li> </ul>
<b>Secondary filter</b> <ul style="list-style-type: none"> <li>• Large-surface frame filter</li> <li>• Filter class COARSE 90% (G4)</li> </ul>	<ul style="list-style-type: none"> <li>• Effective filter with long service life</li> <li>• Easy to replace and clean</li> </ul>
<b>Control and power cabinet</b> <ul style="list-style-type: none"> <li>• Completely wired, according to VDE</li> <li>• Operational and fault signal outputs</li> <li>• Powder-coated RAL 7035</li> <li>• Optional stainless-steel version</li> </ul>	<ul style="list-style-type: none"> <li>• The filter device is ready for connection; at the site, you only have to connect the power supply</li> <li>• Color scheme with high corrosion protection</li> </ul>
<b>Casing</b> <ul style="list-style-type: none"> <li>• Robust, welded construction</li> <li>• Primed and powder-coated in RAL 7035</li> <li>• Other colors or stainless-steel version optional</li> </ul>	<ul style="list-style-type: none"> <li>• Long service life</li> <li>• Attractive color scheme with high corrosion protection</li> </ul>

**Options packages:**

<b>Material order no.</b>	<b>Scope of delivery</b>	<b>Your benefits!</b>
807 703	<b>Option package “Blower motor comfort”</b> Speed-controlled EC radial fan, industrial construction incl. control box	<ul style="list-style-type: none"> <li>• Air volume continuously adjustable (e.g. via an externally installed pressure sensor)</li> <li>• Longer service life of the filters, due to adapted air volume</li> </ul>
807 704	<b>Option package “Secondary filter”</b> Frame filter, filter class ePM1 55% (F7)	<ul style="list-style-type: none"> <li>• Effective filter with long service life</li> <li>• Easy to replace and clean</li> </ul>
807 713	<b>Option package “Corrosion protection”</b> Housing / Plate parts made of stainless steel	<ul style="list-style-type: none"> <li>• High-quality stainless steel 1.4571 / AISI 316Ti</li> </ul>
807 714	<b>Option package “closed version”</b> Closed version	<ul style="list-style-type: none"> <li>• Circulating air mode possible</li> <li>• Connection of external air supply</li> </ul>
807 718	<b>Option package “Custom”</b> Customer-specific version	<p>Special requirements of a company can be realized, such as:</p> <ul style="list-style-type: none"> <li>• Custom voltages / Network configurations</li> <li>• Conductor identification</li> <li>• Special coatings</li> <li>• Protection class</li> </ul>
807 722	<b>Options packages “Accessories”</b> Assembly accessories according to specification	<ul style="list-style-type: none"> <li>• Spiral hose RAL9005, holding devices etc.</li> </ul>
807 726	Spare parts according to specification	<ul style="list-style-type: none"> <li>• Spare part package</li> </ul>

## Technical specifications FS:

### Air flow volume:

Standard (50/60 Hz)  
Comfort

700 / 900 m<sup>3</sup>/h | 415 / 530 cfm  
0 – 900 m<sup>3</sup>/h | 0 – 530 cfm

### Sizes and weight

Weight  
Dimensions

approx. 150 kg | 330 lbs  
type, see dimension sheet

### Operating voltage

Further operating voltages upon request

3 ph / 400 V / 50 Hz  
3 ph / 460 V / 60 Hz

Subject to technical change.