



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

Scope of delivery	Your benefits!
Blower motor <ul style="list-style-type: none"> • Norm motors in industrial construction 	<ul style="list-style-type: none"> • Powerful • Long runtimes • Very good availability of spare parts worldwide • Air volume can be set using the throttle valve in the air outlet.
Cleaning motor <ul style="list-style-type: none"> • Norm motors in industrial construction 	<ul style="list-style-type: none"> • Powerful • Long runtimes • Very good availability of spare parts worldwide
Primary filter <ul style="list-style-type: none"> • Large-surface, self-cleaning filter bags 	<ul style="list-style-type: none"> • Long filter service life due to fully automatic shaking function • Minimal maintenance
Secondary filter <ul style="list-style-type: none"> • Large-surface frame filter • Filter class COARSE 80% (G4) 	<ul style="list-style-type: none"> • Effective filter with long service life • Easy to replace and clean
Control and power cabinet <ul style="list-style-type: none"> • Completely wired, according to VDE • Operational and fault signal outputs • Powder-coated RAL 7035 • Optional stainless steel version 	<ul style="list-style-type: none"> • The filter device is ready for connection; at the site, you only have to connect the power supply • Colour scheme with high corrosion protection
Casing <ul style="list-style-type: none"> • Robust, welded construction • Primed and powder-coated in RAL 7035 • Other colours or stainless steel version optional 	<ul style="list-style-type: none"> • Long service life • Attractive colour scheme with high corrosion protection

Options packages:

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

807 722	Assembly accessories according to specification	<ul style="list-style-type: none">• Spiral hose RAL9005, holding devices etc.
807 726	Spare parts according to specification	<ul style="list-style-type: none">• Spare part package

Technical specifications FS:

Air flow volume:

Standard (50/60 Hz)

700 / 900 m³/h

Comfort

0 – 900 m³/h

Sizes and weight

Weight

approx. 150 kg

Dimensions

type, see dimension sheet

Operating voltage

Further operating voltages upon request

3 ph / 400 V / 50 Hz

3 ph / 460 V / 60 Hz

Protection category

IP54

Network type

TN-S

The performance description is a quality in the sense of sections 434 and/or 633 BGB (German Civil Code).

Subject to technical change.