



FMS

Brush Cleaned Mini Models

Compact Design for Low Flows

Filternox® Automatic Self-Cleaning brushed mini-screen models are controlled by ΔP and timer.

Filternox® FMS models are motorized filters equipped with a brush for cleaning during back flush.

Filternox® Automatic Self-Cleaning FMS models are manufactured for smaller flows installations.

Filternox® FMS models provide prefiltration as well as final filtration for various water sources containing specially inorganic dirt load.

Filternox® FMS models connection are suitable for 1" (DN 25), 1½" (DN 40) and 2" (DN 50) threaded inlet and outlet.



Special Features

- ✓ Standard manufacture for PN 10 pressure
- ✓ Easy removal of filter screen
- ✓ Filtration ratings from 3000 to 10 micron
- ✓ ΔP and timer backwash control
- ✓ AISI 304L and AISI 316L body material
- ✓ AISI 316L screen material
- ✓ Max. temp. 60 °C
- ✓ Effective screen clean with brush

Application Areas

- ✓ Domestic Usage
- ✓ Potable Water Filtration
- ✓ Prefiltration
- ✓ Sea Water Filtration
- ✓ Well Water Filtration
- ✓ Grey Water Filtration



FMS

General Technical Specifications

Body Material	: AISI 304L (AISI 316L Optional)	Headloss at Max. Flow Rate	: 0,2 bar
Screen Material	: AISI 316L	Appr. Back-Flush Time	: max.15-20 sec.
Max. Operating Pressure	: 10 bar	Appr. Back Flush Water Consumption	: 15-20 l/back-flush
Min. Inlet Pressure Required During Back-Flush	: 1 bar	Control System	: Electric (24 V DC)
Max. Operating Temperature	: 60°C	Fine Screen Range	: 10 - 3000 micron

For low pressure and different materials, custom made filter can be produced.

Standard FMS Models

Model	FLOW RATE (m ³ /h)	SURFACE AREA (cm ²)	INLET-OUTLET DIAMETER		DIMENSIONS					WEIGHT	
			(inch)	(mm)	A	B	H	H1	P	(Empty) (kg)	(Full)
FMS 106101	5-10	350	1	25	243	368	293	250	320	11	19
FMS 106101.5	10-15	600	1.½	40	303	368	353	250	320	12	20
FMS 106102	15-20	850	2	50	363	368	413	250	320	13	21

Dimensions and technical specifications are only for information. Antel-Filternox® reserves the right to modify them. Please contact Antel-Filternox® or local representative for actual and detailed information.

