

Compact Design for Low Flow Systems



+ **Filternox**® FMS-V-MR filters are motorized compact designed models which are perfectly suitable for use in a wide range of application areas with low liquid flow rate and low filtration requirements.

- + Much more efficient during backflush; thanks to special cleaning mechanism allowing **down to 5 micron** screens
- + Ease of use and installation
- + High quality material; stainless steel housing and screens
- + No replacement needed for filter elements
- + Automatic self cleaning system
- + Very low backflush water consumption
- + Uninterrupted filtration during backflush
- + PLC control mechanism
- + As per requirement the control to be provided by electric control box on filter or wall type
- + Minimum footprint

General Technical Specifications

Body Material AISI 304L, AISI 316L	Max. Operating Temperature 60°C / 90°C	Back-Flush Water Consumption 40-50 l / back-flush
Screen Material AISI 316L	Headloss at Max. Flow Rate 0.2 bar	Fine Screen Range 5-3000 micron
Max. Operating Pressure PN10 / PN16	Back-Flush Time 15-20 s	Control System Electric
Min. Inlet Pressure Required During Back-Flush 1 bar	rpm of Cleaning Mechanism Adjustable (Optional)	

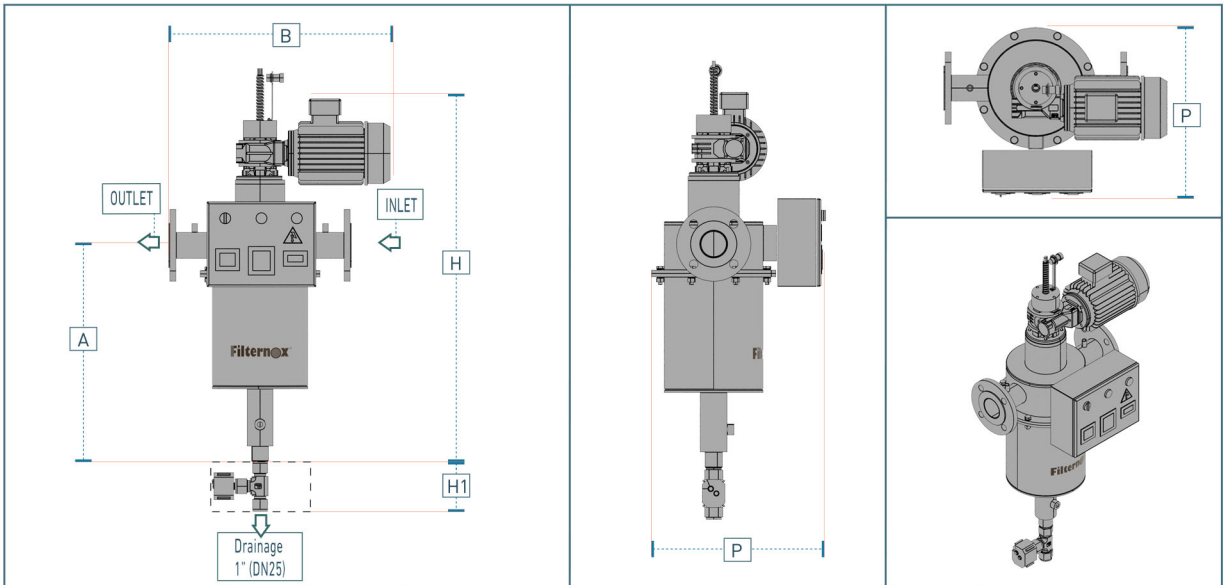
For different pressure and material requirements, please contact Filternox.

Optional Features

Alternative Energy Sources
Solar Energy

Remote Control and Monitoring
PLC, PC,
Mobile Devices,
Filternox Head Office

FMS-V-MR Model Dimensions



Model	Inlet-Outlet Diameter		Dimensions					Weight		Filtration Area
			A	B	H	H1	P	Empty	Full	
	inch	mm	mm					kg		cm ²
FMS-V 108101-MR	1	25	490	510	910	250	405	40	50	1250
FMS-V 110102-MR	2	50	490	536	910	250	515	57	77	1800
FMS-V 112103-MR	3	80	505	582	955	250	565	85	110	2250
FMSL-V 112104-MR	4	100	645	582	1100	250	565	105	130	3400

■ The tolerance value for given data is according to DIN ISO 2768-1(v).
 ■ For larger filtration area, please contact Filternox.

