

## Single Stage Multi-Purpose Filtration



+ Filternox® ACF-W-MR provides a simple and efficient solution for prefiltration and fine filtration requirements.

+ ACF-W-MR is equipped with brush cleaning system and provides high capacity filtration with minimum footprint.

+ Filternox® ACF-W-MR filters have the flexibility to be mounted directly on the pipeline, either horizontally or vertically, as well as online or inline.

### General Technical Specifications

<b>Body Material</b> AISI 304L, AISI 316L	<b>Max. Operating Temperature</b> 60°C / 90°C	<b>Back-Flush Water Consumption</b> 200-400 l / back-flush
<b>Screen Material</b> AISI 316L	<b>Headloss at Max. Flow Rate</b> 0.2 bar	<b>Fine Screen Range</b> 10-3000 micron
<b>Max. Operating Pressure</b> PN10 / PN16	<b>Back-Flush Time</b> 20-40 s	<b>Control System</b> Electric
<b>Min. Inlet Pressure Required During Back-Flush</b> 1 bar	<b>rpm of Cleaning Mechanism</b> Adjustable	

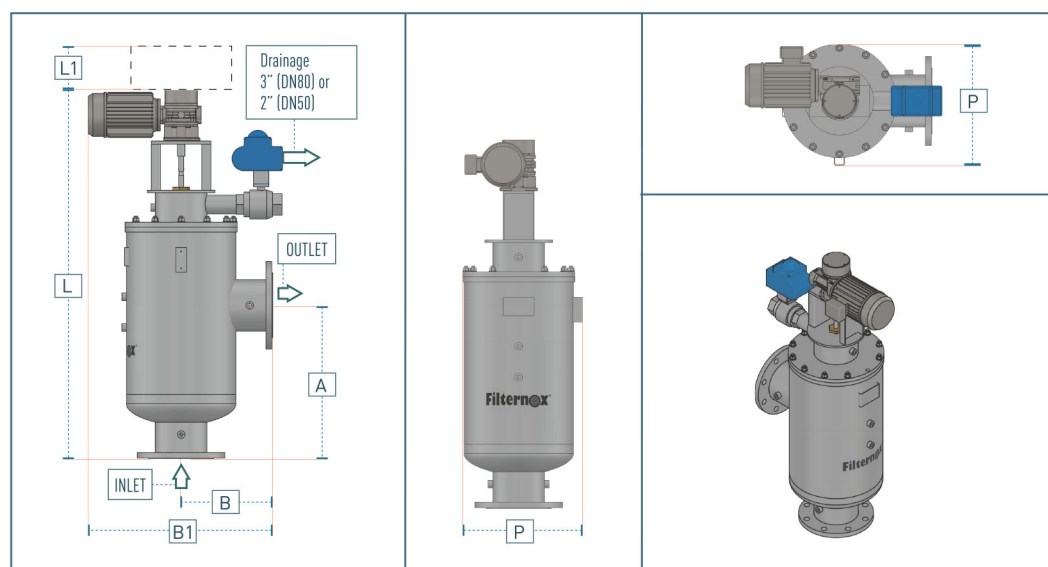
For different pressure and material requirements, please contact Filternox.

### Optional Features

**Alternative Energy Sources**  
Solar Energy

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

## ACF-W-MR Model Dimensions



■ The tolerance value for given data is according to DIN ISO 2768-1(v).

■ For larger filtration area, please contact Filternox.

Model	Inlet-Outlet Diameter		Dimensions						Weight		Flow Rate	Filtration Area
			A	B	B1	L	L1	P	Empty	Full		
	inch	mm	mm						kg		m <sup>3</sup> /h	cm <sup>2</sup>
ACF-W 110203-MR	3	80	450	257	557	1160	200	328	63	100	up to 60	2500
ACF-W 114204-MR	4	100	450	298	598	1160	200	395	97	145	up to 80	3200
ACF-W 114304-MR	4	100	500	298	598	1360	400	395	112	195	up to 120	4800
ACF-W 114306-MR	6	150	500	308	608	1370	400	395	115	200	up to 140	4800
ACF-W 116308-MR	8	200	500	333	633	1360	400	445	135	240	up to 200	6000
ACF-W 116410-MR	10	250	650	353	653	1580	600	445	155	280	up to 360	7800
ACF-W 118412-MR	12	300	650	409	709	1550	600	495	175	320	up to 400	8500
ACF-W 120414-MR	14	350	700	434	734	1640	600	547	185	335	up to 500	10000
ACF-W 124416-MR	16	400	700	485	805	1650	600	650	280	510	up to 600	12800

