

SINGLE WATER FILTERS

series WF - 180 - WF- 1000
with efficiency 4,0 - 33,0 m³/h

Sediment filtration removes any solid impurities, such as sand, rust pieces, sealing materials scraps. It protects pipeline and sanitary fittings from operation disturbances and corrosion.

Our sediment filters' characteristics:

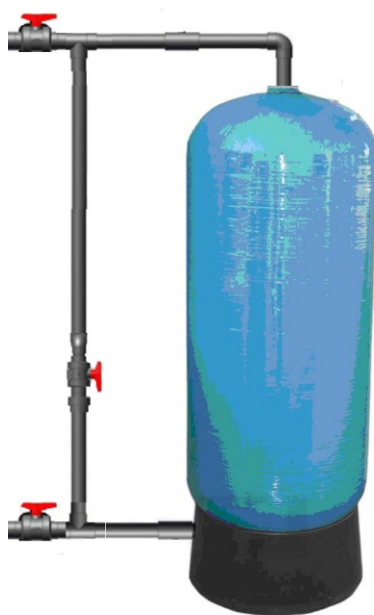
- Special, highly effective filtration media
- Possibility to manually backwash the media (option)
- High durability tanks
- High reliability and efficiency (warranty up to 3 years)
- Long lifetime of the media

Activecarbon filtration improves the taste, smell and color of the water. Active carbon filtration should be preceded by sediment filtration.

Gravel media - granulated, high-porosity media. Its chief component is silica. It is light, which enables shortening the time of initial backwash and reduction of pressure drop during filtration.

Our gravel filters' characteristics:

- High filtration efficiency
- Possibility to manually backwash the media (option)
- High reliability and efficiency
- High durability tanks, made of glass fiber
- Guaranteed water quality
- Improved rinsing efficiency due to gravel bed



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Model		GAC/AG-180	GAC/AG-210	GAC/AG-300	GAC/AG-500	GAC/AG-700	GAC/AG-1000
Media tank	Media quantity [liter]	180	210	300	500	700	1000
	Gravel media quantity [liter]	120	150	220	350	500	700
	Type [inch]	18 x 65	21 x 62	24 x 72	30 x 72	36 x 72	42 x 78
Valve type		Magnum					
Flow ¹	Minimal [m ³ /h]	4,0	4,6	6,0	10,3	13,3	16,5
	Nominal [m ³ /h]	6,0	6,5	9,0	14,2	20,5	25,0
	Maximal [m ³ /h]	8,0	9,2	12,0	20,5	26,5	33,0
Media lifetime ^{II}	[m ³]*1000	1,2	2,0	3,0	3,0	4,8	5,2
	[months]	36					
Pressure drop ^{III} [bar]		0,2				0,3	
Backwash speed [liter/min]		4,56	6,08	6,08	9,12	9,12	11,4
Recommended backwash time [min]		10				15	
Working pressure [bar]		2 - 8					
Feed water temp. [°C]		1 - 38					
Power supply [V]		12					
Water connection [inch]		1 1/2				2	
Dimensions	Height [m]	1,8	2,1	2,30	2,30	2,30	2,45
	Width [m]	0,45	0,54	0,61	0,76	0,92	1,10

Unit calculator:

3,8 liter/min = 1 GPM

1 inch = 2,54 cm

1 bar = 15 PSI

1 mval/liter = 5 °F = 2,8 °d = 50 mg

Explanations:

¹ minimal flow recommended for usage with boilers

² depending on water quality and flow

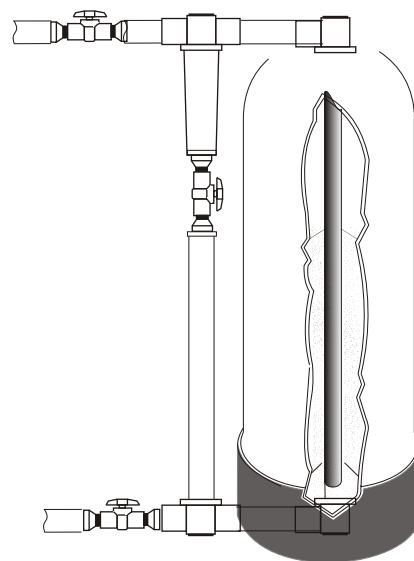
³ for water turbidity 3 mg/l.

The components are TUV and PZH certified, conform to the EU directives



We also offer:

- Softeners and Iron Removers
- Special filters
- UV lamps
- Reverse osmosis
- Chemicals dosing systems
- Demineralizers
- Galvanic waters treatment



***Due to the fast technology development we reserve the right to change technical data without prior notice**