



COMPLEX WATER FILTER MEDIA

AQUAMIX is a fundamentally new complex filter material for purifying water from many common contaminants. Hardness, Iron, Manganese, Ammonium, Heavy metals, Water Color, Organic Compounds, PFAS / PFOS. AQUAMIX is engineered to solve multiple water quality challenges within one comprehensive filtration system. AQUAMIX is a blend of ion-exchange materials. This filter media operates on the principle of ion exchange and sorption.

AQUAMIX is designed for domestic, commercial, and industrial water treatment systems with both co-current and counter-current regeneration.

1 FILTER MEDIA FOR 8 PROBLEMS

-  **HARDNESS**
-  **IRON**
-  **MANGANESE**
-  **AMMONIUM**
-  **ORGANIC COMPOUNDS**
-  **WATER COLOR**
-  **HEAVY METALS**
-  **PFAS / PFOS**



ADVANTAGES

- Service life up to 7 years. Warranty 2 years
- Operation at high hardness and high concentrations of iron and manganese
- Excellent renewable and high-capacity layer for organic removal
- High selectivity for heavy metal removal
- Additional layer for iron and manganese removal
- Wide range of operating conditions. Efficiency does not depend on pH, organic content, hydrogen sulfide.
- Low cost of water purification



	Aquamix	Aquamix O	Aquamix PF Basic	Aquamix PF Pro
Product form (appearance)	A mixture of spherical grains of light and dark brown, white, gray, purple.			
The size of the granules, mm 1.2 - 0.3 mm 1.5 - 4.0 mm	0,3 – 4,0 90 – 87% 7 – 10%			
Elements to be removed	✓ Hardness ✓ Iron ✓ Manganese ✓ Heavy metals ✓ Ammonium ✓ Organic substances ✓ Water color	✓ PFAS / PFOS ✓ Perchlorates ✓ Hardness ✓ Organic substances	✓ PFAS / PFOS ✓ Perchlorates ✓ Hardness ✓ Iron ✓ Manganese ✓ Heavy metals ✓ Ammonium ✓ Organic substances ✓ Water color	
Operating pH range	5 – 9,5			
Operating temperature, degree C	1-40			
Minimum height of the loading layer, cm	60			
The optimal height of the loading layer, cm	80 and more			
Flow rate, m / h - Operating mode - Backwash - Regeneration	10 – 25 5 – 15 3 – 5			
Consumption of salt for regeneration, g / l	120 - 160			
The concentration of salt brine,%	8-10% NaCl			
Raw water quality requirements and efficiency of purification				
Hardness, ppm CaCO ₃	750	750	750	750
Iron, mg/L	15	10	1	15
Manganese, mg/L	3	3	0,05	3
Chemical Oxygen Demand, mg/L O ₂	12	20	12	12
Ammonium, mg/L	4	4	4	4
Total salt content, mg / l	<2800			
Packing, liters	12,5 and 25			