

The Single-Tank Solution
to treat a wide array of
typical ‘problem water’ issues

Description

The new **MultiMix Series** utilizes a revolutionary multipurpose filter media that effectively and efficiently treats 5 common problems found in municipal and well water supplies:

- hardness
- iron & manganese
- organic material
- ammonia

It consists of 5 different ingredients:

- quartz sand
- cation resin
- adsorbent, for Natural Organic Matter
- adsorbent, for Iron/Manganese
- inert material

The filter material automatically forms a ‘multi-layer’ filter bed, with each layer selectively removing one (or more) of the different contaminants, present in the raw water.

Regeneration is simple and straight forward: all that’s needed is backwashing and rinsing with NaCl. Just like a traditional water softener!

Product selection, sizing and configuration is based on the water hardness only!

Range

The **MultiMix Series** is available in 4 sizes. All of them feature our high-flow 1” Rotary control valve, equipped with electronic controller with backlit display and demand-initiated regeneration.

Features & Benefits

- ✓ Ease of installation: 1 systems solves a multitude of problems!
- ✓ Simplicity in selection, sizing, configuration
- ✓ Full 1” Rotary control valve for high flow rates/low pressure drop
- ✓ Brine valve with float installed for double security



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Technical Specifications:

MultiMix	25	37	50	75
Operating pressure min/max (bar)	1,4/8,3			
Operating temperature min/max (°C)	2/48			
Electrical connection (V/Hz)	230/50 ⁽¹⁾			
Max. power consumption (VA)	12			
Hydraulic connection inlet/outlet	1" BSP male			
Pressure tank dimensions (in)	10x35	10x47	12x48	13x54

(1) Supplied with 230/24V-50Hz transformer.

Performances:

MultiMix	25	37	50	75
Nominal softening exchange capacity (m ³ x°f)	95	141	190	285
Nominal softening exchange capacity (m ³ x°d)	53	79	106	160
Salt usage per regeneration (kg)	2,5	3,7	5,0	7,5
Recommended max. service flow (m ³ /hr) ⁽³⁾	1,3	1,3	1,8	2,1
Service flow rate @ 1 bar pressure drop (ltr/min)	55	57	58	58
Nominal backwash flow = flow to drain (ltr/min)	9,8	9,8	13,2	15,1
Rinse water usage per regeneration (ltr)	205	248	335	455

(1) Indicative numbers, performances depending on operating conditions and water quality.

(2) = continuous service flow rates; higher (up to x2) short-period peak flow rates are possible.

Dimensions and weights:

MultiMix	25	37	50	75
Brine tank volume (ltr)	125	125	125	275
Brine tank diameter base/cover (mm)	470/540	470/540	470/540	575/685
Brine tank height (mm)	850	850	850	975
Tank & control valve depth (mm)	282	282	310	336
Tank & control valve depth, incl. factory bypass (mm)	371	371	376	389
Tank & control valve height (mm)	1.059 ±10	1.350 ±10	1.394 ±10	1.560 ±10
Height inlet/outlet (mm)	922 ±10	1.213 ±10	1.257 ±10	1.423 ±10
Max. salt storage capacity (kg)	100	100	100	200

Application limitations:

Concentration of contaminant	Hardness		Iron	Manganese	Oxidizability	Ammonia	pH
	°f	°d	mg/L	mg/L	mg/L O ₂	mg/L	
Raw water	<75	<42	<15	<3	<4	<4	5-10
Treated water	<2,5	<1,4	<0,3	<0,1	<2	<0,5	/



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