

Multimix cabinet



slimline

1 system solves 5 common problems.

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

- Hardness
- Iron
- Manganese
- Natural Organic Matter (NOM)
- Ammonia

The filter media consist of 5 high quality natural and synthetic ion-exchange and absorption materials:

- 1 Inert material, for optimal flow arrangement during backwash
- 2 Adsorbent, for Natural Organic Matter
- 3 Adsorbent, for Iron/Manganese
- 4 Cation resin, for removal of Calcium/Magnesium
- 5 Quartz sand, for optimal flow distribution

The filter media 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 back-washing and rinsing with NaCl (salt). Just like a traditional water softener! Product selection, sizing and configuration is based on the water hardness only!

*Multimix:
the perfect
"all-rounder"!*



$\text{Ca}^{2+} / \text{Mg}^{2+}$

$\text{Fe}^{2+} / \text{Mn}^{2+}$

NOM

NH_4

Don't let 'problem water' stop you any longer. You deserve the best!

Water is a complex natural resource that contains a wide array of substances. Depending on the application in which you want to use the water, some of these may be undesirable or even harmful, making it necessary to pre-treat the water. Especially when several substances need to be removed from the water and different treatment techniques need to be combined, designing the optimal water treatment solution may become a challenge! On selection and sizing, but also on installation, commissioning and maintenance...



Member of



TECHNICAL SPECIFICATIONS

Model	SLI-MMX-24
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	¾" BSP Male

⁽¹⁾ Supplied with 24V transformer

PERFORMANCES⁽²⁾

Model	SLI-MMX-24
Nominal softening exchange capacity (m ³ x°f)	91
Nominal softening exchange capacity (m ³ x°d)	51
Salt usage per regeneration (kg)	2,4
Service flow rate @ 1 bar pressure drop (m ³ /hr)	1,9
Recommended max. service flow (m ³ /hr) ⁽³⁾	1,3
Rinse water usage per regeneration (Ltr)	289

⁽²⁾ Indicative numbers, performances depending on operating conditions and water quality.

⁽³⁾ = continuous service flow rates; higher (up to x2) short-period peak flow rates are possible.

DIMENSIONS & WEIGHTS

Model	SLI-MMX-24
Width (mm)	391
Height (mm)	963
Depth (mm)	467
Depth, including bypass (mm)	550
Height inlet/outlet (mm)	846
Height inlet/outlet, including bypass (mm)	852
Weight (kg)	36,5
Weight, including bypass (kg)	37,0
Maximum salt storage capacity (kg)	65

APPLICATION LIMITATIONS

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

erie water treatment
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