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Water Softening Systems

TYS Series



Water Softening Systems

Water softening systems remove calcium (Ca) and magnesium (Mg) ions, which cause hardness in water. Water softening systems use the ion exchange principle to remove calcium and magnesium ions from water.

TYS Series Tandem Water Softening Systems

TYS Series tandem water softening systems are equipped with fully automatic control systems and consist of two softening units. The system can be volumetrically controlled based on the flow rate. In a tandem system, each softening unit enters the

regeneration cycle sequentially and, once ready, waits for the other unit in the process to become saturated and transfer the process to itself. This allows for continuous soft water production 24 hours a day, without the need for human intervention and without interruption of the process for regeneration.

TYS Series Water Softening System Features

- Double tank, corrosion resistant FRP (fiber-wrapped) body
- Programmable automatic valve, flow control, automatic backwash adjuster
- 3-6 bar working pressure, max. 10 bar test pressure, max. 50 ° C working temperature
- Resin mineral in compliance with food regulations, electrical supply 220 V/50 Hz



MODEL	SERVICE FLOW RATE (m3/s)		LOST (bar)	SERVIC E (inch)	DRAIN (inches)	DIMENSIONS (cm)			resin (lt)	TUZ TANKI (lt)
	20 m3/s	30 m3/s				THE	LB	D		
TYS 30	1,5x2	2x2	0,2	3/4	1/2	104	89	25	30x2	70x2
TYS 50	1,5x2	2x2	0,2	3/4	1/2	153	137	25	50x2	70x2
TYS 60	2,2x2	3x2	0,2	3/4	1/2	148	132	30	60x2	70x2
TYS 80	2,5x2	3,5x2	0,2	1	1/2	153	137	33	80x2	100x2
TYS 100	3x2	4x2	0,2	1	1/2	181	165	36	100x2	100x2
TYS 150	4x2	---	0,2	1	1/2	181	165	41	150x2	140x2
TYS 150	4x2	5,5x2	0,2	1	1/2	181	165	41	150x2	140x2
TYS 200	5,1x2	6,5x2	0,3	1	1/2	181	165	46	200x2	200x2
TYS 150	4x2	5,5x2	0,2	2	1	187	165	41	150x2	140x2
TYS 200	5,1x2	6,5x2	0,3	2	1	187	165	46	200x2	200x2
TYS 250	6,6x2	9x2	0,5	2	1	182	152	53	250x2	300x2
TYS 300	9x2	10x2	0,5	2	1	235	183	61	300x2	300x2
TYS 500	10x2	---	0,7	2	1	235	183	76	500x2	500x2
TYS 750	12x2	---	0,7	2	1	235	183	92	750x2	750x2
TYS 500	14x2	15x2	0,7	2	2	235	183	92	500x2	500x2
TYS 750	18x2	---	0,7	2	2	235	183	92	750x2	750x2
TYS 900	20x2	---	0,7	2	2	247	183	105	900x2	1000x2

** Device images will vary depending on the model.