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Water Softening Systems

DKYS 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.

DKYS Series Water Softening Systems

DKYS Series flow control Water softening systems measure the amount of water passing through the device using a meter and subject it to a pre-programmed backwash process. The control group is connected to a water meter. The amount of water that the resin can soften is defined in the control group. When the specified amount of water passes through the tank, the device receives a signal to begin regeneration. The regeneration process begins with salt water, removing calcium and magnesium ions.

DKYS Series Water Softening System Features

- 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, salt tank in compliance with food regulations
- Electrical supply 220 V/50 Hz



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

** Device images will vary depending on the model.