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Filtration Systems

KFS Series



Sand Filter Systems

Filtration units are essential components of any water treatment system. Filtration systems are used to remove insoluble particles of various sizes, suspended solids (SS), dissolved gases that impart unwanted chlorine, color, taste, and odor, residues, and organic matter from water.

KFS Series Sand Filter System

The KFS Sand Filtration System consists of three main components: the Control Unit, Filter Housing, and Filter Media. The sand filter uses media to trap particles of varying sizes and densities, which contribute to turbidity, in various layers of the media, thus removing them from the water. The purpose of using different particle sizes is to create minimal space between the layers and maximize sediment retention. Sediment and contaminants accumulated on the filter are automatically removed by backwashing.

KFS Series Sand Filter System Features

- Corrosion resistant FRP (fiber-wrapped) body
- Programmable automatic valve
- Automatic backwash timer
- 3-6 bar working pressure
- Max. 10 bar test pressure
- Max. 50 °C operating temperature
- Material content in 4 different granule sizes
- Electrical supply 220 V/50 Hz



MODEL	SERVICE FLOW RATE (m ³ /s)		LOST (bar)	SERVIC E (inch)	DRAIN (inches)	DIMENSIONS (cm)			ANTHRACY TE (kg)	QUARTZ (kg)
	20 m ³ /s	30 m ³ /s				THE	LB	D		
KFS 35	1	1,5	0,2	3/4	3/4	104	89	25	5	20
KFS 50	1,5	2,2	0,2	3/4	3/4	153	137	25	15	35
KFS 60	1,75	2,5	0,2	1	1	148	132	30	20	50
KFS 80	2	3	0,3	1	1	153	137	33	20	60
KFS 100	2,5	4	0,3	1	1	181	165	36	25	75
KFS 150	3,5	---	0,3	1	1	181	165	41	30	100
KFS 200	3,5	5	0,5	1	1	181	165	46	30	140
KFS 200	4,5	6	0,5	2	2	187	165	46	30	140
KFS 250	6	9	0,5	2	2	182	152	53	40	180
KFS 300	9	---	0,5	2	2	235	183	61	100	250
KSF 500	10	---	1	2	2	235	183	76	125	400
KFS 750	10	---	1	2	2	235	183	92	150	550
KFS 750	14	15	1	2	2	235	183	92	150	550
KFS 900	18	20	1	2	2	247	183	105	250	750

** Device images will vary depending on the model.