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Filtration Systems

AKFS Series



Activated Carbon 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.

AKFS Series Activated Carbon Filter

AKFS Active Carbon Filtration Systems, with the adsorption feature of active carbon, draws molecules and ions in water towards the inner surfaces through mineral pores, thus removing organic matter from water.

It ensures that the water is purified, colorless, odorless, and clear. Active Carbon Filters operate fully automatically, requiring no human intervention. By performing an automatic backwashing process every 15-20 minutes, the Active Carbon Filter renews itself.

AKFS Series Activated Carbon 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 3 different granule sizes
- Electrical supply 220 V/50 Hz



MODEL	SERVICE FLOW RATE (m ³ /s)		LOSS (bar)	SERVICE (inch)	DRAINAGE (inch)	DIMENSIONS (cm)			CARBON (kg)	QUARTZ (kg)
	20 m/s	30 m/s				THE	LB	D		
AKFS 20	1	1,5	0,2	3/4	3/4	104	89	25	20	---
AKFS 25	1	1,5	0,2	3/4	3/4	153	137	25	25	---
AKFS 35	1,5	2,2	0,2	1	1	148	132	30	35	---
AKFS 40	1,75	2,5	0,3	1	1	153	137	33	40	15
AKFS 50	2	3	0,3	1	1	181	165	36	50	25
AKFS 75	2,5	4	0,3	1	1	181	165	41	75	50
AKFS 80	3,5	---	0,5	1	1	181	165	46	80	50
AKFS 75	2,5	4	0,3	2	2	187	165	41	75	25
AKFS 80	3,5	5	0,5	2	2	187	165	46	80	50
AKFS 100	4,5	6	0,5	2	2	182	152	53	100	50
AKFS 125	6	9	0,5	2	2	235	183	61	125	100
AKSF 200	9	---	1	2	2	235	183	76	200	150
AKFS 300	10	---	1	2	2	235	183	92	300	150
AKFS 300	14	18	1	2	2	235	183	92	300	150
AKFS 450	18	20	1	2	2	247	183	105	450	200
AKFS 750	18	20	1	2	2	247	183	105	750	200

** Device images will vary depending on the model.