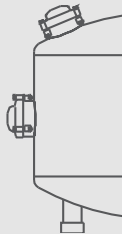
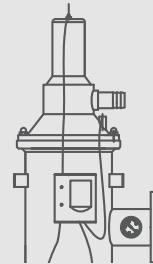
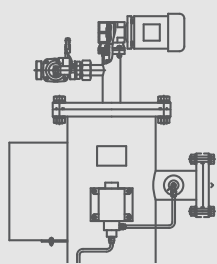
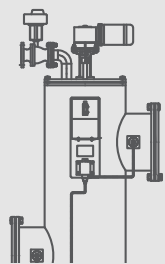
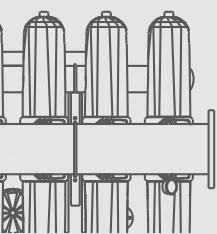
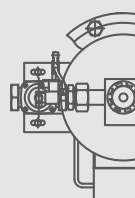
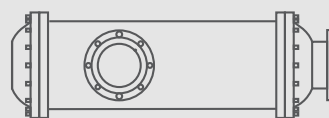
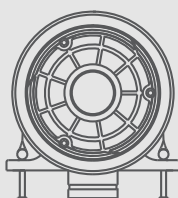
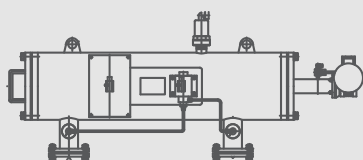
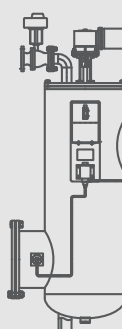
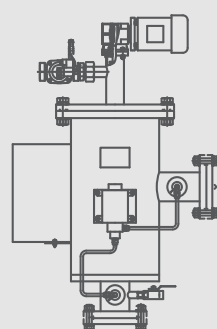
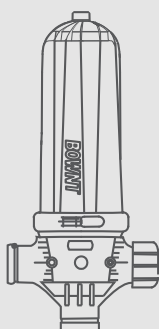
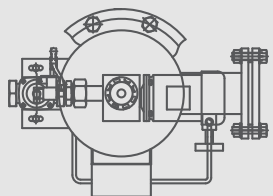
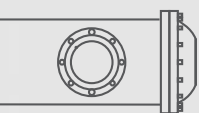
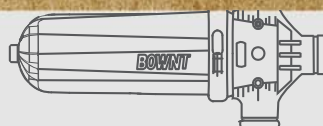
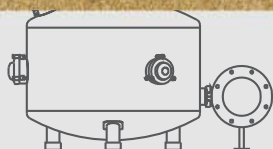
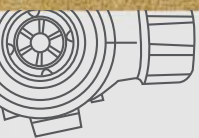




BOWNT

BOS-CBV



BOS-CBV

BOS-CBV is an electric brush self-cleaning screen filter, vertical type.

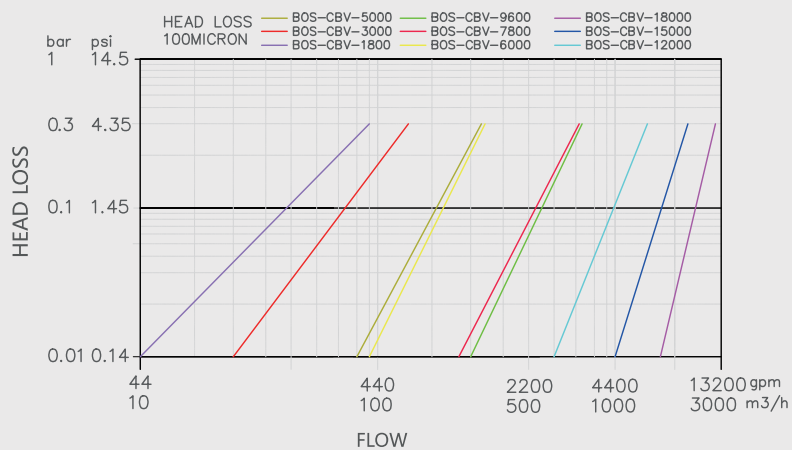


MAIN FEATURES:

- Electric drive, vertical installation, reliable and durable brush cleaning system.
- High efficiency, energy saving and low water consumption .
- Back washing cycle can be automatic activated by differential pressure and timing, without an interruption of filtration.
- Flange standard: ANSI B16.5/DIN2576/ G B 9 1 1 9 .
- Filtration grade optional for 100、 200、 300、 500、 800、 1500、 2500、 3500 micron and etc.
- Filter screen & shaft are made of SS 304 or SS 316L.
- Filter housing is made of high quality carbon steel with anticorrosive treatment, optional for SS 316L.
- Max. working pressure: 145psi (1.0MPa) as standard.
- All filters apply to hydraulic test before shipment to ensure a high quality.

MAIN PARAMETERS

Max. working pressure psi (MPa)	145 (1.0)
Min. back washing pressure psi (MPa)	29 (0.2)
Inlet/Outlet flange inch (mm)	2"-24" (DN50-DN600)
Housing diameter inch (mm)	6"-36" (Φ159-Φ916)
Flowrate gpm (m ³ /h)	≤10560 (2400)
Filtration surface inch ² (cm ²)	155-2790 (1000-18000)
Filtration grade (um)	100-3500
Back washing mode :	Differential Pressure / Timing / Manual
Max. working temperature °F (°C)	158 (70)
Rated operating voltage	3 PHASE, 220/380V, 50HZ
Motor power hp (kw)	0.12-1.02 (0.09-0.75)
Control unit voltage	220V AC



Model	Max. Flow		Filtration surface	Connection (DN/PN1.0)		Back washing cycle			
	(gpm)	(m³h)	inch² (cm²)	Inlet-Outlet	Drain	Flow	Time	Water consumption	Power
				inch (mm)	inch (mm)	gpm (l/s)	(s)	gal (l)	hp (kw)
BOS-CBV1000/2C	110	25	155 1000	2" 50	1" 25	126.8 8	15	31.7 120	0.12 0.09
BOS-CBV1800/3C	220	50	279 1800	3" 80	1" 25	126.8 8	15	31.7 120	0.12 0.09
BOS-CBV1800/4C	352	80	279 1800	4" 100	1" 25	126.8 8	15	31.7 120	0.12 0.09
BOS-CBV3000/3C	264	60	465 3000	3" 80	1" 25	126.8 8	15	31.7 120	0.24 0.18
BOS-CBV3000/4C	352	80	465 3000	4" 100	1" 25	126.8 8	15	31.7 120	0.24 0.18
BOS-CBV3000/6C	704	160	465 3000	6" 150	1" 25	126.8 8	15	31.7 120	0.24 0.18
BOS-CBV5000/6C	704	160	775 5000	6" 150	1.5" 40	126.8 8	15	31.7 120	0.24 0.18
BOS-CBV5000/8C	1320	300	775 5000	8" 200	1.5" 40	126.8 8	15	31.7 120	0.24 0.18
BOS-CBV6000/6C	704	160	930 6000	6" 150	1.5" 40	126.8 8	15	31.7 120	0.24 0.18
BOS-CBV6000/8C	1320	300	930 6000	8" 200	1.5" 40	158.5 10	15	31.7 120	0.24 0.18
BOS-CBV7800/10C	1980	450	1209 7800	10" 250	2" 50	158.5 10	30	79.3 300	0.50 0.37
BOS-CBV7800/12C	2860	650	1209 7800	12" 300	2" 50	158.5 10	30	79.3 300	0.50 0.37
BOS-CBV9600/10C	1980	450	1488 9600	10" 250	2" 50	158.5 10	30	79.3 300	0.50 0.37
BOS-CBV9600/12C	2860	650	1488 9600	12" 300	2" 50	158.5 10	30	79.3 300	0.50 0.37
BOS-CBV12000/14C	3960	900	1860 12000	14" 350	2" 50	158.5 10	30	79.3 300	0.75 0.55
BOS-CBV12000/16C	5280	1200	1860 12000	16" 400	2" 50	158.5 10	30	79.3 300	0.75 0.55
BOS-CBV15000/18C	6600	1500	2325 15000	18" 450	2.5" 65	237.75 15	40	158.5 600	1.02 0.75
BOS-CBV15000/20C	8800	2000	2325 15000	20" 500	2.5" 65	237.75 15	40	158.5 600	1.02 0.75
BOS-CBV18000/24C	10560	2400	2790 18000	24" 600	2.5" 65	237.75 15	40	158.5 600	1.02 0.75

Notice: The maximum flow rate and cleaning data is based on the data of 100 micron filtration grade and good water quality. The actual filtration flow and the selected filtration grade are related to water quality. Please refer to our company for details.

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