



PURIFICATION IN ACTION

SELF-CLEANING SCREEN FILTRATION SYSTEM

BOS自清洗网式过滤系统



ABOUT US

关于我们



低碳减排
我们在行动



您的需求
我们的使命

邦沃特过滤系统有限公司成立于1992年, 已为美国本土大量工程提供过解决方案。自从加盟艾欧利亚国际集团, 就开始了国际市场的扩张进程。在加速市场开发的同时艾欧利亚还不断更新升级产品系列以及加强产品生产能力。秉承着产品操作简单, 质量上乘, 客户服务满意的宗旨。我们相信我们与客户的信任建立在从产品的第一次询价开始, 并贯穿产品的终身使用期限。每个项目都是由邦沃特的专业技术团队精心设计, 并在安装调试和运行过程对客户专业指导服务。近三十年的自动过滤系统生产研发经验, 邦沃特的成功不仅仅来源于对产品研发的专注, 更来源于对每个不同应用领域和工程的个性化指导服务。

邦沃特, 水净化进行时!



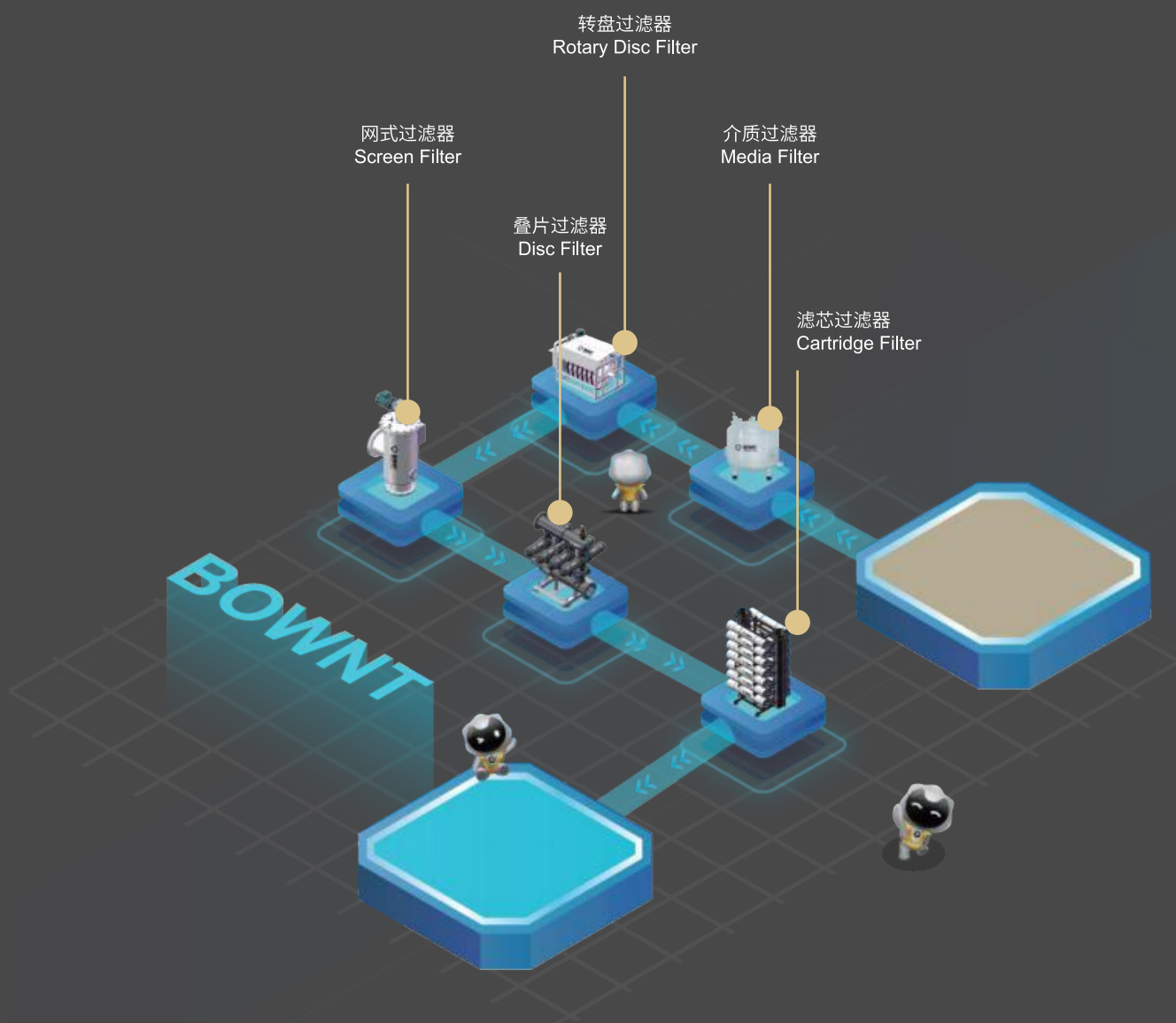
全球领先机械过滤解决方案综合服务商

World-leading Service Provider Of Mechanical Filtration System

Bownt Filtration Systems was incorporated in 1992 and has since provided filtration solutions for numerous applications in USA. Upon its alliance with Aiolia International, Aiolia launched an ambitious campaign for the internationalization of Bownt filters. During this time Aiolia has expanded geographically and continue to expand their product offerings, while always striving for simplicity, quality and integrity in products, services and customer support. It is our belief that our relationship with each customer begins with the first enquiry and continues through the life of the product/ system. Each application is carefully reviewed by highly qualified personnel and customers are guided through the installation, startup and operational processes. With nearly three decades of experience in water filtration, Bownt filters are equipped with the technology and expertise to successfully integrate with diverse water applications. Water purification is our business and with Bownt, it is 'Purification in Action'.

CUSTOMIZED SOLUTIONS

解决方案, 量身打造



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ELECTRIC BRUSH

SELF-CLEANING SCREEN FILTER

电动刷式自清洗网式过滤器

产品特点

Characteristic

01

电力驱动, 可靠的机械刷式清洗装置, 经久耐用
Electric-driven, reliable and durable brush system.

02

能耗低, 效率高, 清洗水量极小
High efficiency, low energy and water consumption.

03

根据压差/定时进行自动清洗, 清洗时系统不断流
Cleaning cycle can be activated by the differential pressure and timing automatically, without an interruption of filtration.

04

法兰连接标准可选择ANSI B16.5/DIN2576/GB9119
Flange standard is optional for ANSI B16.5/ DIN2576/ GB9119.

05

滤网提供20、50、100、200、300、500、800、1500、2500、3500微米等多种过滤精度
Filtration grade is optional for 20/ 50/ 100/ 200/ 300/ 500/ 800/ 1500/ 2500/ 3500 micron and etc.

06

耐强腐蚀、防爆型等特殊要求的产品可个性化定制
Customizable for high anticorrosive and explosionproof components.

07

过滤器全部经过试压调试试验, 保证操作安全
All filters apply to hydraulic test before shipment to ensure a safe operation.

08

承压等级: 标准配置为145psi (1.0MPa), 232psi (1.6MPa), 362.5psi (2.5MPa) 等承压可选
Pressure rating is optional for 145psi(1.0MPa), 232psi(1.6MPa), 362.5psi(2.5MPa)

壳体材质

Filter Housing

标准材质为优质碳钢防腐, 304、316、2205、2507等不锈钢材质可选。

Material is optional for high quality carbon steel with anticorrosivetreatment, 304, 316, duplex 2205 or super duplex 2507.



滤网和清洗轴材质

Filter Screen & Shaft

标准配置316L不锈钢, 2205/2507等不锈钢材质可选

Material is optional for SS 316L/ duplex 2205/ super duplex 2507.

ELECTRIC BRUSH

工作原理

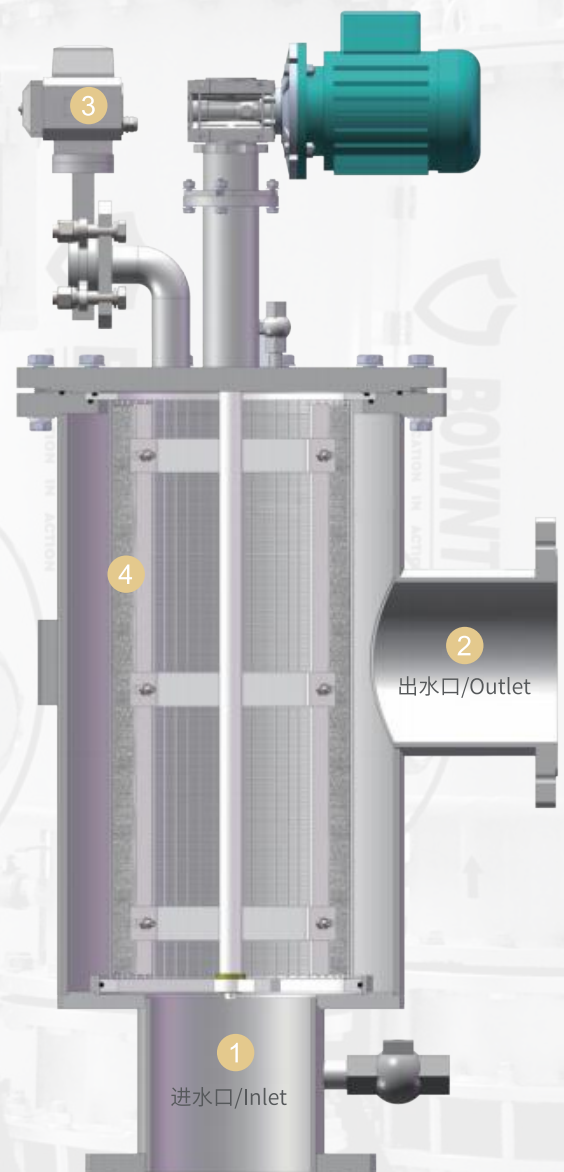
Working Principle

BOWNT-BOS是自动清洗过滤器，配有过滤元件-网芯，可截留大于过滤等级或是和过滤等级相同的杂质。

在过滤器端盖上安装一个电动排污阀。工作时，水流从过滤器进口①流入，经过滤网后从出口②流出，当水流中的杂质颗粒不断地在滤网的内表面堆积，使得过滤器的进、出水压差增大，当过滤器进、出水压差达到预定值时(0.05MPa)，压差开关便传递信号给控制装置，控制装置启动排污进程，排污阀③打开，电机转动带动清洗装置④清洗滤网内表面，清洗下来的污物从排污阀排走，清洗时设备不断流。

BOWNT BOS self-cleaning filter has a screen element, which can intercept particles of bigger size over the mesh pore.

There is an electromagnetic drainage valve equipped to the end cover. Raw water fills into the filter housing via the inlet① and pass through the filter screen to the outlet②, particles continuously accumulated on the inner surface of the filter screen, while increasing the differential pressure between inner and outer screen surface. When the differential pressure meets the preset value(0.05MPa), the pressure switch will send a signal to the control unit to open the drainage valve③, the cleaning device ④ is started to clean the screen inner surface, and dirty water is discharged from the drainage valve. Filter backwashing without an interruption of filtration.





BOS-EBV系列
立式电动刷式自清洗网式过滤器

BOS-EBV series electric brush self-cleaning screen filter, vertical type.

技术参数

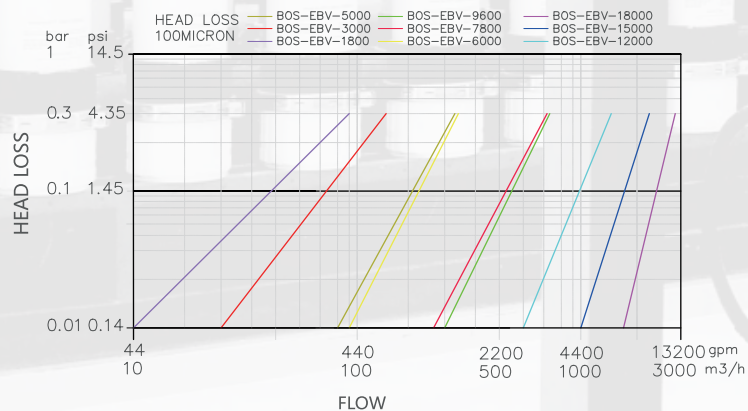
Technical Data

最大工作压力 / Max. Working Pressure psi (MPa)	145 (1.0) /232 (1.6) /362.5 (2.5)
最小清洗压力 / Min. Cleaning Pressure psi (MPa)	14.5(0.1)
进/出口管径 / Inlet/Outlet Flange inch (mm)	3"-24" (DN80-DN600)
筒体直径 / Housing Diameter inch (mm)	8"-36" (Φ219-Φ916)
过滤流量 / Flowrate gpm (m³/h)	≤12320 (2800)
过滤面积 / Filtration Area inch² (cm²)	279-4030 (1800-26000)
过滤精度 / Micron Rating (μm)	20-3500
清洗方式 / Cleaning Mode	压差、时间及手动 Differential Pressure/ Timing/ Manual
最高工作温度 / Max. Working Temperature °F (°C)	158 (70)
额定操作电压 / Rated Voltage	三相/ 3-phase, 380/400V, 50HZ
电机功率 / Motor Power hp (kw)	0.12-1.02 (0.09-0.75)
控制器电压 / Control Voltage	220V / 230V AC

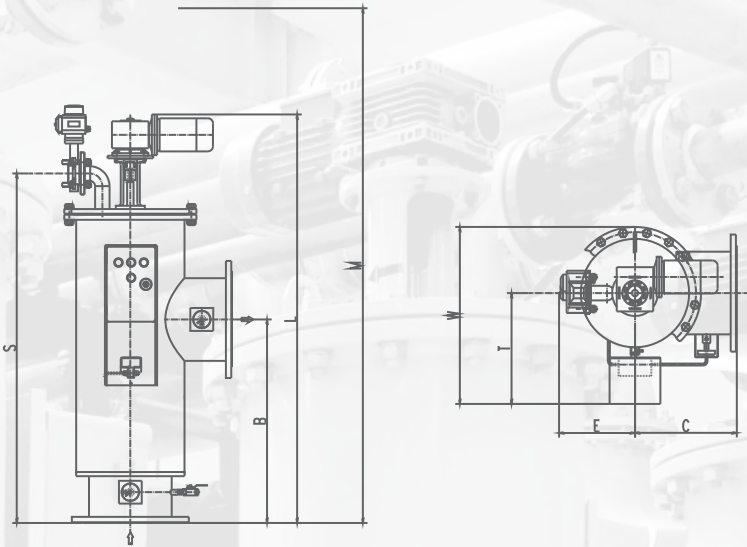
产品型号 Model	最大流量 Max. Flow		过滤面积 Filtration Surface	接口规格 Connection (DN/PN1.0)		清洗 Cleaning Cycle			
	gpm	m³/h	inch² (cm²)	进出口/Inlet-Outlet inch (mm)	排污口/Drain inch (mm)	流量/Flow gpm (l/s)	时间/Time (s)	耗水/Water Consumption gal (l)	功率/Power hp (kw)
BOS-EBV1800/3C	220	50	124 800	3" 80	1" 25	19 1.2	15	4.76 18	0.24 0.18
BOS-EBV1800/4C	352	80	279 1800	4" 100	1" 25	19 1.2	15	4.76 18	0.24 0.18
BOS-EBV3000/4C	352	80	465 3000	4" 100	1.5" 40	47.6 3	15	11.89 45	0.24 0.18
BOS-EBV3000/6C	704	160	465 3000	6" 150	1.5" 40	47.6 3	15	11.89 45	0.24 0.18
BOS-EBV5000/6C	704	160	775 5000	6" 150	1.5" 40	47.6 3	15	11.89 45	0.36 0.25
BOS-EBV5000/8C	1320	300	775 5000	8" 200	1.5" 40	47.6 3	15	11.89 45	0.36 0.25
BOS-EBV6000/6C	704	160	930 6000	6" 150	1.5" 40	47.6 3	15	11.89 45	0.36 0.25
BOS-EBV6000/8C	1320	300	930 6000	8" 200	1.5" 40	47.6 3	15	11.89 45	0.36 0.25
BOS-EBV6000/10C	1980	450	930 6000	10" 250	2" 50	79.3 5	30	39.63 150	0.36 0.25
BOS-EBV7800/10C	1980	450	1209 7800	10" 250	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-EBV7800/12C	2860	650	1209 7800	12" 300	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-EBV7800/14C	3960	900	1209 7800	14" 350	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-EBV9600/10C	1980	450	1488 9600	10" 250	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-EBV9600/12C	2860	650	1488 9600	12" 300	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-EBV9600/14C	3960	900	1488 9600	14" 350	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-EBV10600/12C	2860	650	1643 10600	12" 300	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-EBV10600/14C	3960	900	1643 10600	14" 350	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-EBV12000/14C	3960	900	1860 12000	14" 350	2" 50	79.3 5	30	39.63 150	1.02 0.75
BOS-EBV12000/16C	5280	1200	1860 12000	16" 400	2" 50	79.3 5	30	39.63 150	1.02 0.75
BOS-EBV12000/18C	6600	1500	1860 12000	18" 450	2.5" 65	126.8 8	60	126.8 480	1.02 0.75
BOS-EBV15000/16C	5280	1200	2325 15000	16" 400	2.5" 65	126.8 8	60	126.8 480	1.02 0.75
BOS-EBV15000/18C	6600	1500	2325 15000	18" 450	2.5" 65	126.8 8	60	126.8 480	1.02 0.75
BOS-EBV15000/20C	8800	2000	2325 15000	20" 500	2.5" 65	126.8 8	60	126.8 480	1.02 0.75
BOS-EBV18000/24C	10560	2600	2790 18000	24" 600	2.5" 65	126.8 8	60	126.8 480	1.02 0.75
BOS-EBV26000/24C	12320	2800	4030 26000	24" 600	2.5" 65	126.8 8	60	126.8 480	1.02 0.75

注：最大过滤流量及清洗数据是按照100微米过滤精度、水质较好工况的数据，实际过滤流量与所选过滤精度和水质有关，具体请咨询本公司。

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

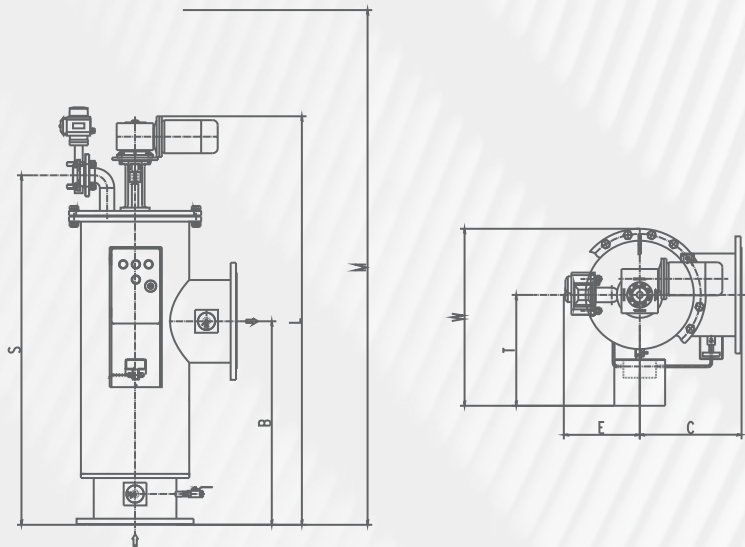


尺寸 | Dimensions



产品型号/Model	尺寸 /Dimensions					inch (mm)				净重(kg)		含水重量(kg)
	L	W	D	B	S	C	E	T	M	Empty Weight	With Water	
BOS-EBV1800/3C	35.51 902	16.02 407	23.62 600	15.75 400	27.17 690	11.02 280	12.60 320	8.86 225	59.06 1500	66		86
BOS-EBV1800/4C	35.51 902	16.02 407	23.62 600	15.75 400	27.17 690	11.02 280	12.60 320	8.86 225	59.06 1500	70		90
BOS-EBV3000/4C	43.54 1106	20.28 515	25.59 650	15.75 400	31.93 811	12.21 310	13.39 340	13.07 332	66.93 1700	105		135
BOS-EBV3000/6C	43.54 1106	20.28 515	25.59 650	15.75 400	31.93 811	12.21 310	13.39 340	13.07 332	66.93 1700	140		170
BOS-EBV5000/6C	56.69 1440	23.43 595	25.98 660	25.59 650	47.64 1210	13.78 350	12.20 310	15.16 385	110.24 2800	160		240
BOS-EBV5000/8C	56.69 1440	23.43 595	25.98 660	25.59 650	47.64 1210	13.78 350	12.20 310	15.16 385	110.24 2800	175		255
BOS-EBV6000/6C	53.66 1363	25.79 655	25.04 636	23.62 600	41.93 1065	15.04 382	10 254	15.79 401	82.68 2100	198		260
BOS-EBV6000/8C	53.66 1363	25.79 655	25.04 636	23.62 600	41.93 1065	15.04 382	10 254	15.79 401	82.68 2100	208		275
BOS-EBV6000/10C	53.66 1363	25.79 655	25.04 636	23.62 600	41.93 1065	15.04 382	10 254	15.79 401	82.68 2100	230		300
BOS-EBV7800/10C	55.24 1403	28.74 730	29.06 738	23.62 600	43.82 1113	16.81 427	12.24 311	17.24 438	86.61 2200	210		360
BOS-EBV7800/12C	55.24 1403	28.74 730	29.06 738	23.62 600	43.82 1113	16.81 427	12.24 311	17.24 438	86.61 2200	230		385
BOS-EBV7800/14C	55.24 1403	28.74 730	29.06 738	23.62 600	43.82 1113	16.81 427	12.24 311	17.24 438	86.61 2200	270		430
BOS-EBV9600/10C	61.46 1561	28.74 730	29.06 738	23.62 600	50.24 1276	16.81 427	12.24 311	17.24 438	98.43 2500	240		390
BOS-EBV9600/12C	61.46 1561	28.74 730	29.06 738	23.62 600	50.24 1276	16.81 427	12.24 311	17.24 438	98.43 2500	280		430
BOS-EBV9600/14C	61.46 1561	28.74 730	29.06 738	23.62 600	50.24 1276	16.81 427	12.24 311	17.24 438	98.43 2500	320		470

产品型号/Model	尺寸 /Dimensions									净重(kg)	含水重量(kg)
	L	W	D	B	S	C	E	T	M	Empty Weight	With Water
BOS-EBV10600/12C	63.39 1661	28.74 730	29.06 738	23.62 600	54.17 1376	16.81 427	12.24 311	17.24 438	106.3 2700	300	480
BOS-EBV10600/14C	63.39 1661	28.74 730	29.06 738	23.62 600	54.17 1376	16.81 427	12.24 311	17.24 438	106.3 2700	340	530
BOS-EBV12000/14C	67.13 1705	41.34 1050	41.93 1065	31.5 800	56.1 1425	23.23 590	18.7 475	23.43 595	98.43 2500	440	700
BOS-EBV12000/16C	67.13 1705	41.34 1050	41.93 1065	31.5 800	56.1 1425	23.23 590	18.7 475	23.43 595	98.43 2500	460	730
BOS-EBV12000/18C	67.13 1705	41.34 1050	41.93 1065	31.5 800	56.1 1425	23.23 590	18.7 475	23.43 595	98.43 2500	480	780
BOS-EBV15000/16C	72.13 1832	41.69 1059	41.81 1062	35.43 900	61.1 1552	23.23 590	18.7 475	23.43 595	108.27 2750	720	1200
BOS-EBV15000/18C	72.13 1832	41.69 1059	41.81 1062	35.43 900	61.1 1552	23.23 590	18.7 475	23.43 595	108.27 2750	740	1220
BOS-EBV15000/20C	72.13 1832	41.69 1059	41.81 1062	35.43 900	61.1 1552	23.23 590	18.7 475	23.43 595	108.27 2750	765	1250
BOS-EBV18000/24C	75.39 1915	46.42 1179	47.48 1206	37.4 950	64.37 1635	25.59 650	21.89 556	26.42 671	118.11 3000	1000	1600
BOS-EBV26000/24C	81.22 2063	49.17 1249	54.72 1390	43.31 1100	72.05 1830	29.53 750	25.20 640	30.71 780	120.47 3060	1200	1800



BOS-EBV



BOWNT BOS-EBM

BOS-EBM系列
卧式电动刷式自清洗网式过滤器

BOS-EBM series electric brush
self-cleaning screen filter, horizontal type.



技术参数

Technical Data

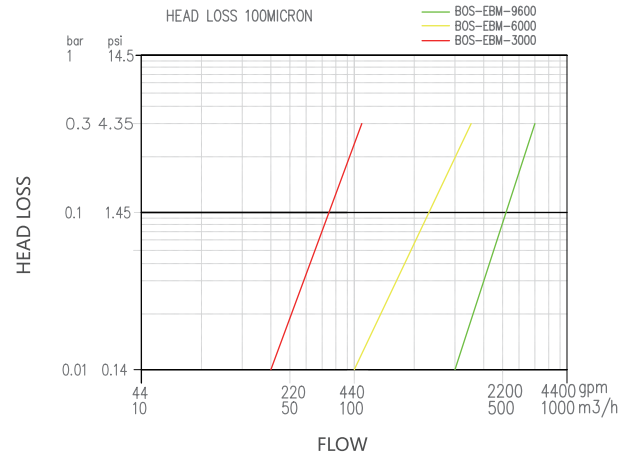
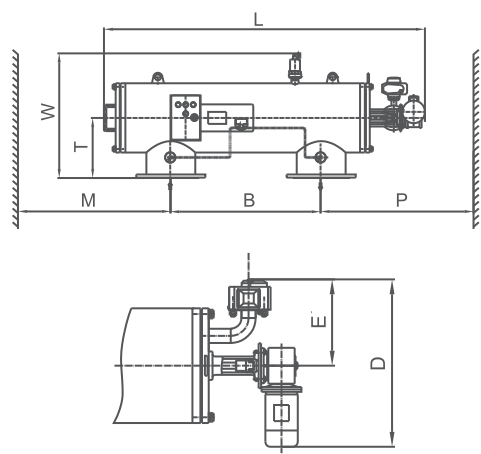
最大工作压力 / Max. Working Pressure psi (MPa)	145 (1.0) /232 (1.6) /362.5 (2.5)
最小清洗压力 / Min. Cleaning Pressure psi (MPa)	14.5(0.1)
进/出口管径 / Inlet/Outlet Flange inch (mm)	3"-24" (DN80-DN600)
筒体直径 / Housing Diameter inch (mm)	12"-36" (Φ325-Φ916)
过滤流量 / Flowrate gpm (m³/h)	≤12320 (2800)
过滤面积 / Filtration Area inch² (cm²)	279-4030 (1800-26000)
过滤精度 / Micron Rating (μm)	20-3500
清洗方式 / Cleaning Mode	压差、时间及手动 Differential Pressure / Timing/ Manual
最高工作温度 / Max. Working Temperature °F (°C)	158 (70)
额定操作电压 / Rated Voltage	三相/ 3-phase, 380/400V, 50HZ
电机功率 / Motor Power hp (kw)	0.24-1.02 (0.18-0.75)
控制器电压 / Control Voltage	220V / 230V AC

产品型号 Model	最大流量 Max. Flow		过滤面积 Filtration Surface	接口规格 Connection (DN/PN1.0)		清洗 Cleaning Cycle			
	gpm	m³/h	inch² (cm²)	进出口/Inlet-Outlet inch (mm)	排污口/Drain inch (mm)	流量/Flow gpm (l/s)	时间/Time (s)	耗水/Water Consumption gal (l)	功率/Power hp (kw)
BOS-EBM3000/3C	264	60	465 3000	3" 80	1.5" 40	47.6 3	15	11.89 45	0.24 0.18
BOS-EBM3000/4C	352	80	465 3000	4" 100	1.5" 40	47.6 3	15	11.89 45	0.24 0.18
BOS-EBM6000/6C	704	160	930 6000	6" 150	1.5" 40	47.6 3	15	11.89 45	0.36 0.25
BOS-EBM6000/8C	1320	300	930 6000	8" 200	1.5" 40	47.6 3	15	11.89 45	0.36 0.25
BOS-EBM9600/10C	1980	450	1488 9600	10" 250	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-EBM9600/12C	2860	650	1488 9600	12" 300	2" 50	79.3 5	30	39.63 150	0.50 0.37

注：最大过滤流量及清洗数据是按照100微米过滤精度、水质较好工况的数据，实际过滤流量与所选过滤精度和水质有关，具体请咨询本公司。

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

尺寸 | Dimensions



产品型号/Model	尺寸 /Dimensions								净重(kg)	
	L	W	D	B	E	T	M	P	Empty Weight	With Water
BOS-EBM3000/3C	67.91 1725	26.77 680	21.06 535	31.50 800	9.45 240	12.60 320	58.82 1500	43.31 1100	220	318
BOS-EBM3000/4C	67.91 1725	26.77 680	21.06 535	31.50 800	9.45 240	12.60 320	58.82 1500	43.31 1100	240	338
BOS-EBM6000/6C	67.13 1705	29.53 750	27.76 705	31.50 800	14.96 380	14.17 360	58.82 1500	43.31 1100	265	393
BOS-EBM6000/8C	67.13 1705	29.53 750	27.76 705	31.50 800	14.96 380	14.17 360	58.82 1500	43.31 1100	285	415
BOS-EBM9600/10C	84.06 2135	32.68 830	30.31 770	39.37 1000	17.52 445	15.75 400	78.43 2000	47.24 1200	445	710
BOS-EBM9600/12C	84.06 2135	32.68 830	30.31 770	39.37 1000	17.52 445	15.75 400	78.43 2000	47.24 1200	480	740



BOS-EBF系列 F型电动刷式自清洗网式过滤器

BOS-EBF series electric brush self-cleaning screen filter, F type.



技术参数

Technical Data

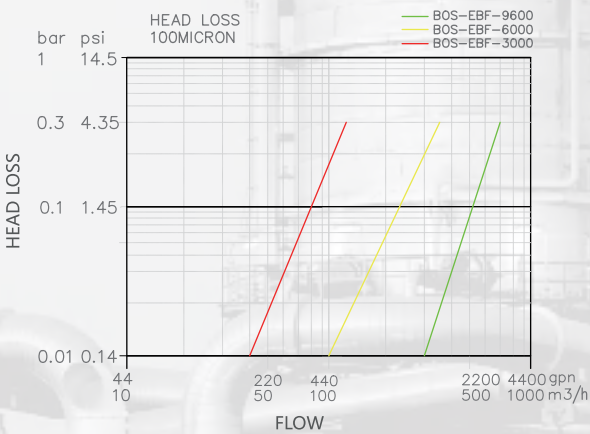
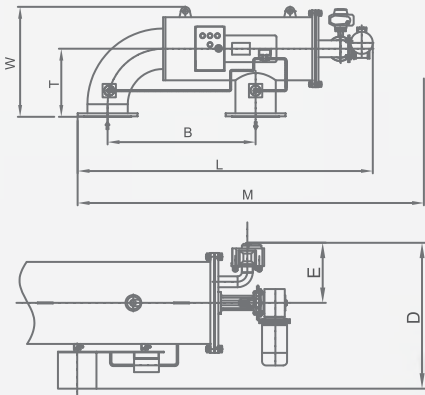
最大工作压力 / Max. Working Pressure psi (MPa)	145 (1.0) /232 (1.6) /362.5 (2.5)
最小清洗压力 / Min. Cleaning Pressure psi (MPa)	14.5(0.1)
进/出口管径 / Inlet/Outlet Flange inch (mm)	3"-24" (DN80-DN600)
筒体直径 / Housing Diameter inch (mm)	10"-36" (Φ273-Φ916)
过滤流量 / Flowrate gpm (m³/h)	≤12328 (2800)
过滤面积 / Filtration Area inch² (cm²)	279-4030 (1800-26000)
过滤精度 / Micron Rating (μm)	20-3500
清洗方式 / Cleaning Mode	压差、时间及手动 Differential Pressure / Timing / Manual
最高工作温度 / Max. Working Temperature °F (°C)	158 (70)
额定操作电压 / Rated Voltage	三相/ 3-phase, 380/400V, 50HZ
电机功率 / Motor Power hp (kw)	0.24-1.02 (0.18-0.75)
控制器电压 / Control Voltage	220V / 230V AC

产品型号 Model	最大流量 Max. Flow		过滤面积 Filtration Surface	接口规格 Connection (DN/PN1.0)		清洗 Cleaning Cycle			
	gpm	m³/h	inch² (cm²)	进出口/Inlet-Outlet inch (mm)	排污口/Drain inch (mm)	流量/Flow gpm (l/s)	时间/Time (s)	耗水/Water Consumption gal (l)	功率/Power hp (kw)
BOS-EBF3000/3C	264	60	465 3000	3" 80	1.5" 40	47.6 3	15	11.89 45	0.24 0.18
BOS-EBF3000/4C	352	80	465 3000	4" 100	1.5" 40	47.6 3	15	11.89 45	0.24 0.18
BOS-EBF6000/6C	704	160	930 6000	6" 150	1.5" 40	47.6 3	15	11.89 45	0.34 0.25
BOS-EBF6000/8C	1320	300	930 6000	8" 200	1.5" 40	47.6 3	15	11.89 45	0.34 0.25
BOS-EBF9600/10C	1980	450	1488 9600	10" 250	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-EBF9600/12C	2860	650	1488 9600	12" 300	2" 50	79.3 5	30	39.63 150	0.50 0.37

注：最大过滤流量及清洗数据是按照100微米过滤精度、水质较好工况的数据，实际过滤流量与所选过滤精度和水质有关，具体请咨询本公司。

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

尺寸 | Dimensions



产品型号/Model	尺寸 /Dimensions							净重(kg)	含水重量(kg)
	L	W	D	B	E	T	M	Empty Weight	With Water
BOS-EBF3000/3C	46.26 1175	18.74 476	24.06 611	19.69 500	9.45 240	11.02 280	78.74 2000	98	125
BOS-EBF3000/4C	46.34 1177	18.74 476	24.06 611	19.69 500	9.45 240	11.02 280	78.74 2000	110	140
BOS-EBF6000/6C	68.70 1745	23.03 585	27.64 702	31.50 800	12.09 307	13.78 350	118.11 3000	208	278
BOS-EBF6000/8C	72.83 1850	21.65 550	27.64 702	31.50 800	12.09 307	12.40 315	118.11 3000	226	296
BOS-EBF9600/10C	78.54 1995	34.45 875	33.27 845	39.37 1000	15.75 400	18.11 460	125.98 3200	270	420
BOS-EBF9600/12C	82.48 2095	34.45 875	33.27 845	39.37 1000	15.75 400	18.11 460	137.80 3500	335	485

BOS-EBT系列
立式电动刷式自清洗网式过滤器

BOS-EBT series electric brush self-cleaning
screen filter, T type.



技术参数

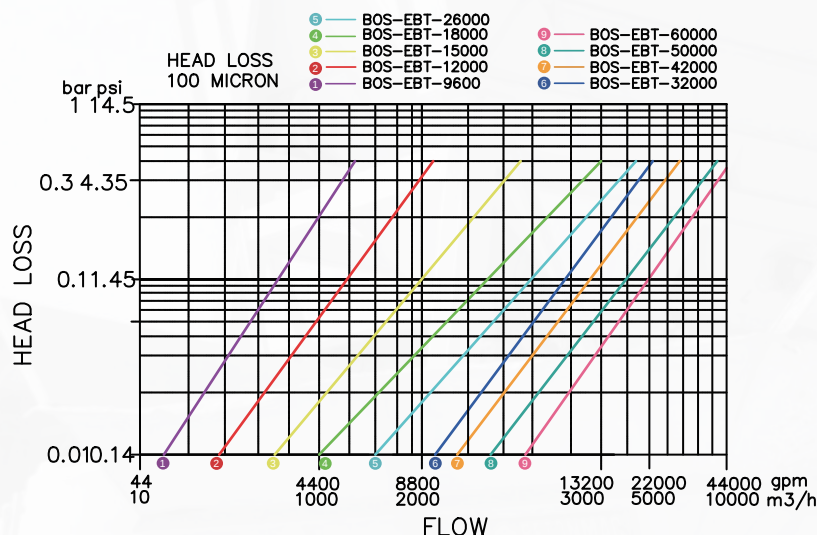
Technical Data

最大工作压力 / Max. Working Pressure psi (MPa)	145 (1.0) /232 (1.6) /362.5 (2.5)
最小清洗压力 / Min. Cleaning Pressure psi (MPa)	14.5(0.1)
进/出口管径 / Inlet/Outlet Flange inch (mm)	10"-40" (DN250-DN1000)
筒体直径 / Housing Diameter inch (mm)	17"-80" (Φ426-Φ2032)
过滤流量 / Flowrate gpm (m³/h)	≤30820 (7000)
过滤面积 / Filtration Area inch² (cm²)	1488-9300 (9600-60000)
过滤精度 / Micron Rating (μm)	20-3500
清洗方式 / Cleaning Mode	压差、时间及手动 Differential Pressure / Timing / Manual
最高工作温度 / Max. Working Temperature °F (°C)	158 (70)
额定操作电压 / Rated Voltage	三相/ 3-phase, 380/400V, 50HZ
电机功率 / Motor Power hp (kw)	0.5-2.99 (0.37-2.2)
控制器电压 / Control Voltage	220V / 230V AC

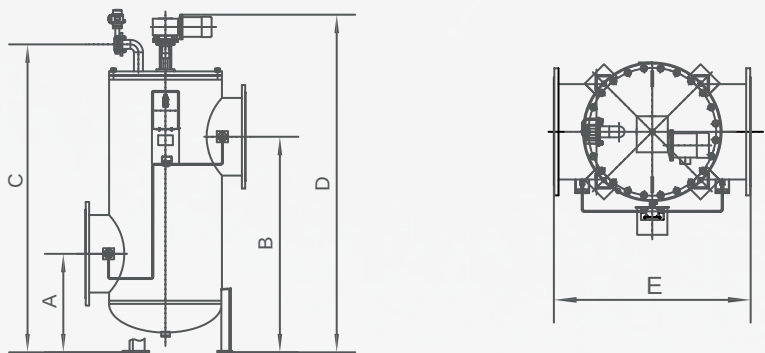
产品型号 Model	最大流量 Max. Flow		过滤面积 Filtration Surface	接口规格 Connection (DN/PN1.0)		清洗 Cleaning Cycle			
	gpm	m³/h	inch² (cm²)	进出口/Inlet-Outlet inch (mm)	排污口/Drain inch (mm)	流量/Flow gpm (l/s)	时间/Time (s)	耗水/Water Consumption gal (l)	功率/Power hp (kw)
BOS-EBT9600/10C	1980	450	1488 9600	10" 250	2" 50	79.3 4.5	30	29 135	0.50 0.37
BOS-EBT9600/12C	2860	650	1488 9600	12" 300	2" 50	79.3 4.5	30	29 135	0.50 0.37
BOS-EBT12000/14C	3960	900	1860 12000	14" 350	2" 50	79.3 5	30	39.63 150	0.75 0.55
BOS-EBT12000/16C	5280	1200	1860 12000	16" 400	2" 50	79.3 5	30	39.63 150	0.75 0.55
BOS-EBT15000/18C	6600	1500	2325 15000	18" 450	2.5" 65	126.8 8	40	84.5 320	1.02 0.75
BOS-EBT15000/20C	8800	2000	2325 15000	20" 500	2.5" 65	126.8 8	40	84.5 320	1.02 0.75
BOS-EBT18000/24C	11440	2400	2790 18000	24" 600	2.5" 65	126.8 8	40	84.5 320	1.02 0.75
BOS-EBT26000/24C	12320	2800	4030 26000	24" 600	2.5" 65	126.8 8	40	84.5 320	1.02 0.75
BOS-EBT32000/28C	14080	3200	4960 32000	28" 700	3" 80	190 12	60	190.2 720	1.50 1.1
BOS-EBT42000/32C	16720	3800	6510 42000	32" 800	3" 80	190 12	60	190.2 720	2.04 1.5
BOS-EBT50000/36C	22000	5000	7750 50000	36" 900	3.9" 100	317 20	60	317 1200	2.04 1.5
BOS-EBT60000/40C	30800	7000	9300 60000	40" 1000	3.9" 100	317 20	60	317 1200	2.99 2.2

注：最大过滤流量及清洗数据是按照100微米过滤精度、水质较好工况的数据，实际过滤流量与所选过滤精度和水质有关，具体请咨询本公司。

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



尺寸 | Dimensions



产品型号/Model	尺寸 /Dimensions					净重(kg)	含水重量(kg)
	A	B	C	D	E	Empty Weight	With Water
BOS-EBT9600/10C	19.69 500	45.28 1150	74.41 1890	83.70 2126	33.46 850	290	505
BOS-EBT9600/12C	19.69 550	45.28 1150	74.41 1890	83.70 2126	33.46 850	320	535
BOS-EBT12000/14C	21.65 550	55.12 1400	80.79 2052	89.92 2284	41.34 1050	480	980
BOS-EBT12000/16C	21.65 700	55.12 1400	80.79 2052	89.92 2284	41.34 1050	520	1020
BOS-EBT15000/18C	27.56 700	62.99 1600	92.13 2340	101.69 2583	47.24 1200	950	2200
BOS-EBT15000/20C	27.56 800	62.99 1600	92.13 2340	101.69 2583	47.24 1200	1000	2240
BOS-EBT18000/24C	31.50 800	68.90 1750	98.43 2500	107.87 2740	51.18 1300	1250	2550
BOS-EBT26000/24C	31.50 500	69.29 1760	98.82 2510	108.27 2750	51.97 1320	1300	2600
BOS-EBT32000/28C	57.36 1457	57.36 1457	7.87 200	118.90 3020	70.87 1800	2500	5500
BOS-EBT42000/32C	63.31 1608	63.31 1608	7.87 200	134.06 3405	78.74 2000	3500	8500
BOS-EBT50000/36C	68.50 1740	68.50 1740	7.87 200	162.91 4138	86.61 2200	4580	11500
BOS-EBT60000/40C	78.74 2000	78.74 2000	7.87 200	180.71 4590	94.49 2400	6200	12000



BOS-EBT

BOS-CBV系列
立式电动刷式自清洗网式过滤器

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



技术参数

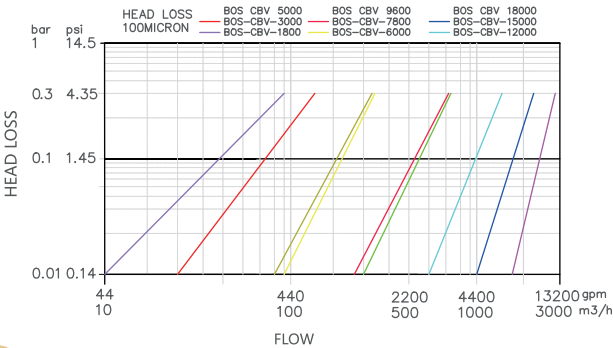
Technical Data

最大工作压力 / Max. Working Pressure psi (MPa)	145 (1.0)
最小清洗压力 / Min. Cleaning Pressure psi (MPa)	14.5(0.1)
进/出口管径 / Inlet/Outlet Flange inch (mm)	2"-24" (DN50-DN600)
筒体直径 / Housing Diameter inch (mm)	6"-36" (Φ159-Φ916)
过滤流量 / Flowrate gpm (m³/h)	≤12320 (2800)
过滤面积 / Filtration Area inch² (cm²)	279-4030 (1800-26000)
过滤精度 / Micron Rating (μm)	20-3500
清洗方式 / Cleaning Mode	压差、时间及手动 Differential Pressure / Timing / Manual
最高工作温度 / Max. Working Temperature °F (°C)	158 (70)
额定操作电压 / Rated Voltage	三相/ 3-phase, 380/400V, 50HZ
电机功率 / Motor Power hp (kw)	0.12-1.02 (0.09-0.75)
控制器电压 / Control Voltage	220V / 230V AC

产品型号 Model	最大流量 Max. Flow		过滤面积 Filtration Surface	接口规格 Connection (DN/PN1.0)		清洗 Cleaning Cycle			
	gpm	m³/h	inch² (cm²)	进出口/Inlet-Outlet inch (mm)	排污口/Drain inch (mm)	流量/Flow gpm (l/s)	时间/Time (s)	耗水/Water Consumption gal (l)	功率/Power hp (kw)
BOS-CBV1000/2C	110	25	155 1000	2" 50	1" 25	19 1.2	15	4.76 18	0.12 0.09
BOS-CBV1800/3C	220	50	124 800	3" 80	1" 25	19 1.2	15	4.76 18	0.24 0.18
BOS-CBV1800/4C	352	80	279 1800	4" 100	1" 25	19 1.2	15	4.76 18	0.24 0.18
BOS-CBV3000/4C	352	80	465 3000	4" 100	1.5" 40	47.6 3	15	11.89 45	0.24 0.18
BOS-CBV3000/6C	704	160	465 3000	6" 150	1.5" 40	47.6 3	15	11.89 45	0.24 0.18
BOS-CBV5000/6C	704	160	775 5000	6" 150	1.5" 40	47.6 3	15	11.89 45	0.36 0.25
BOS-CBV5000/8C	1320	300	775 5000	8" 200	1.5" 40	47.6 3	15	11.89 45	0.36 0.25
BOS-CBV6000/6C	704	160	930 6000	6" 150	1.5" 40	47.6 3	15	11.89 45	0.36 0.25
BOS-CBV6000/8C	1320	300	930 6000	8" 200	1.5" 40	47.6 3	15	11.89 45	0.36 0.25
BOS-CBV6000/10C	1980	450	930 6000	10" 250	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-CBV7800/10C	1980	450	1209 7800	10" 250	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-CBV7800/12C	2860	650	1209 7800	12" 300	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-CBV7800/14C	3960	900	1209 7800	14" 350	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-CBV9600/10C	1980	450	1488 9600	10" 250	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-CBV9600/12C	2860	650	1488 9600	12" 300	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-CBV9600/14C	3960	900	1488 9600	14" 350	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-CBV10600/12C	2860	650	1643 10600	12" 300	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-CBV10600/14C	3960	900	1643 10600	14" 350	2" 50	79.3 5	30	39.63 150	0.50 0.37
BOS-CBV12000/14C	3960	900	1860 12000	14" 350	2" 50	79.3 5	30	39.63 150	0.75 0.55
BOS-CBV12000/16C	5280	1200	1860 12000	16" 400	2" 50	79.3 5	30	39.63 150	0.75 0.55
BOS-CBV12000/18C	6600	1500	1860 12000	18" 450	2.5" 65	126.8 8	60	126.8 480	1.02 0.75
BOS-CBV15000/16C	5280	1200	2325 15000	16" 400	2.5" 65	126.8 8	60	126.8 480	1.02 0.75
BOS-CBV15000/18C	6600	1500	2325 15000	18" 450	2.5" 65	126.8 8	60	126.8 480	1.02 0.75
BOS-CBV15000/20C	8800	2000	2325 15000	20" 500	2.5" 65	126.8 8	60	126.8 480	1.02 0.75
BOS-CBV18000/24C	10560	2600	2790 18000	24" 600	2.5" 65	126.8 8	60	126.8 480	1.02 0.75
BOS-CBV26000/24C	12320	2800	4030 26000	24" 600	2.5" 65	126.8 8	60	126.8 480	1.02 0.75

注：最大过滤流量及清洗数据是按照100微米过滤精度、水质较好工况的数据，实际过滤流量与所选过滤精度和水质有关，具体请咨询本公司。

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



ELECTRIC SUCTION

SELF-CLEANING SCREEN FILTER

电动吸式自清洗网式过滤器

产品特点

Characteristic

01

电力驱动, 先进可靠的吸吮清洗装置, 结构巧妙易维护

Electric-driven, simple structure and easy maintenance, reliable and durable suction cleaning system.

02

能耗低, 效率高, 清洗水量极小

High efficiency, low energy and water consumption.

03

根据压差/定时进行自动清洗, 清洗时系统不断流

Cleaning cycle can be automatic activated by the differential pressure and timing, without an interruption of filtration.

04

法兰连接标准可选择ANSI B16.5/DIN2576/GB9119

Flange standard is optional for ANSI B16.5/ DIN2576/ GB9119.

05

滤网可提供20、50、80、100、130、200、300、500、800、1500、2500、3500微米等多种过滤精度

Filtration grade is optional for 20/ 50/ 80/ 100/ 130/ 200/ 300/ 500/ 800/ 1500/ 2500/ 3500micron and etc.

06

耐强腐蚀、防爆型等特殊要求的产品可个性化定制

Customizable for high anticorrosive and explosionproof components.

07

过滤器全部经过试压调试试验, 保证操作安全

All filters apply to hydraulic test before shipment to ensure a safe operation.

08

承压等级: 标准配置为145psi (1.0MPa) , 232psi (1.6MPa) , 362.5psi (2.5MPa) 等承压可选

Pressure rating is optional for 145psi (1.0MPa), 232psi (1.6MPa), 362.5psi (2.5MPa)



BOS-ESV系列
立式电动吸式自清洗网式过滤器

BOS-ESV series electric suction self-cleaning
screen filter, vertical type.

技术参数

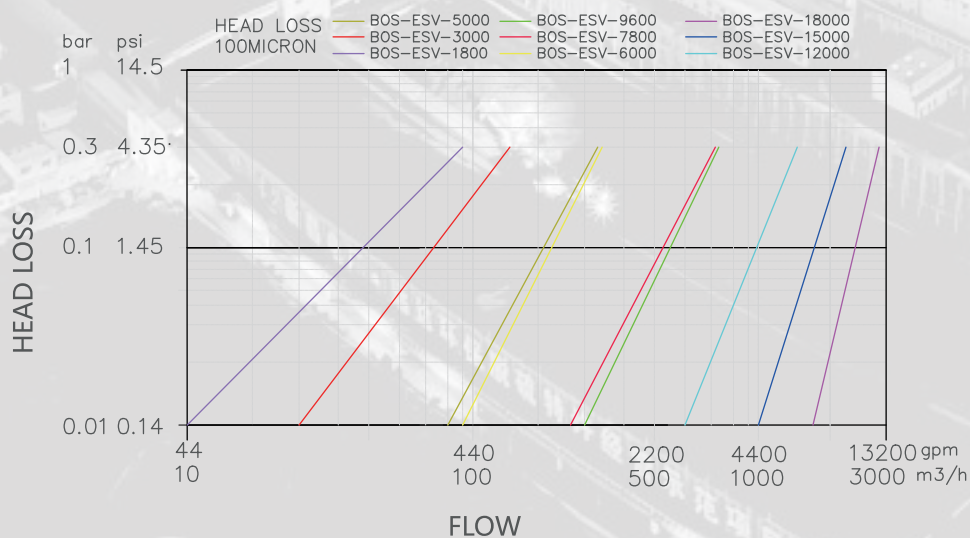
Technical Data

最大工作压力 / Max. Working Pressure psi (MPa)	145 (1.0) /232 (1.6) /362.5 (2.5)
最小清洗压力 / Min. Cleaning Pressure psi (MPa)	21.8 (0.15)
进/出口管径 / Inlet/Outlet Flange inch (mm)	3"-24" (DN80-DN600)
筒体直径 / Housing Diameter inch (mm)	8"-36" (Φ219-Φ916)
过滤流量 / Flowrate gpm (m³/h)	≤12320 (2800)
过滤面积 / Filtration Area inch² (cm²)	279-4030 (1800-26000)
过滤精度 / Micron Rating (μm)	20-3500
清洗方式 / Cleaning Mode	压差、时间及手动 Differential Pressure / Timing / Manual
最高工作温度 / Max. Working Temperature °F (°C)	158 (70)
额定操作电压 / Rated Voltage	三相/ 3-phase, 380/400V, 50HZ
电机功率 / Motor Power hp (kw)	0.12-1.02 (0.09-0.75)
控制器电压 / Control Voltage	220V / 230V AC

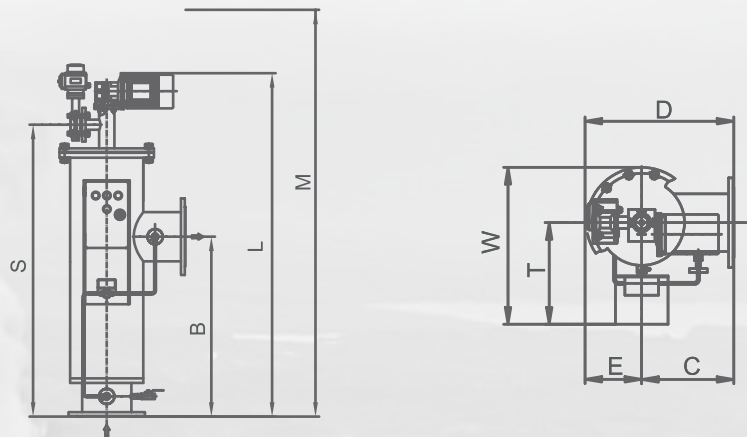
产品型号 Model	最大流量 Max. Flow		过滤面积 Filtration Surface	接口规格 Connection (DN/PN1.0)		清洗 Cleaning Cycle			
	gpm	m³/h	inch² (cm²)	进出口/Inlet-Outlet inch (mm)	排污口/Drain inch (mm)	流量/Flow gpm (l/s)	时间/Time (s)	耗水/Water Consumption gal (l)	功率/Power hp (kw)
BOS-ESV1800/3C	220	50	124 800	3" 80	1" 25	19 1	15	4.76 15	0.24 0.18
BOS-ESV1800/4C	352	80	279 1800	4" 100	1" 25	31.7 1	15	7.93 15	0.24 0.18
BOS-ESV3000/4C	352	80	465 3000	4" 100	1.5" 40	31.7 2	15	7.93 30	0.34 0.25
BOS-ESV3000/6C	704	160	465 3000	6" 150	1.5" 40	31.7 2	15	7.93 30	0.34 0.25
BOS-ESV5000/6C	704	160	775 5000	6" 150	1.5" 40	47.6 3	15	15.85 45	0.50 0.37
BOS-ESV5000/8C	1320	300	775 5000	8" 200	1.5" 40	47.6 3	15	15.85 45	0.50 0.37
BOS-ESV6000/6C	704	160	930 6000	6" 150	1.5" 40	47.6 3	15	15.85 45	0.50 0.37
BOS-ESV6000/8C	1320	300	930 6000	8" 200	1.5" 40	47.6 3	15	15.85 45	0.50 0.37
BOS-ESV7800/10C	1980	450	1209 7800	10" 250	2" 50	71.3 4.5	30	47.56 135	0.50 0.37
BOS-ESV7800/12C	2860	650	1209 7800	12" 300	2" 50	71.3 4.5	30	47.56 135	0.50 0.37
BOS-ESV9600/10C	1980	450	1488 9600	10" 250	2" 50	71.3 4.5	30	47.56 135	0.50 0.37
BOS-ESV9600/12C	2860	650	1488 9600	12" 300	2" 50	71.3 4.5	30	47.56 135	0.50 0.37
BOS-ESV12000/14C	3960	900	1860 12000	14" 350	2" 50	79.3 5	30	63.41 150	1.02 0.75
BOS-ESV12000/16C	5280	1200	1860 12000	16" 400	2" 50	79.3 5	30	63.41 150	1.02 0.75
BOS-ESV15000/18C	6600	1500	2325 15000	18" 450	2.5" 65	126.8 8	40	84.54 320	1.02 0.75
BOS-ESV15000/20C	8800	2000	2325 15000	20" 500	2.5" 65	126.8 8	40	84.54 320	1.02 0.75
BOS-ESV18000/24C	10560	2600	2790 18000	24" 600	2.5" 65	126.8 8	40	84.54 320	1.02 0.75
BOS-ESV26000/24C	12320	2800	4030 26000	24" 600	2.5" 65	126.8 8	40	158.52 320	1.02 0.75

注：最大过滤流量及清洗数据是按照100微米过滤精度、水质较好工况的数据，实际过滤流量与所选过滤精度和水质有关，具体请咨询本公司。

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



尺寸 | Dimensions



产品型号/Model	尺寸 /Dimensions					inch (mm)			净重(kg) 含水重量(kg)		
	L	W	D	B	S	C	E	T	M	Empty Weight	With Water
BOS-ESV1800/4C	35.51 902	16.02 407	23.62 600	15.75 400	27.17 690	11.02 280	12.60 320	8.86 225	59.06 1500	80	100
BOS-ESV3000/4C	36.46 926	16.02 407	23.62 600	15.75 400	29.65 753	11.02 280	12.60 320	8.86 225	59.06 1500	115	145
BOS-ESV3000/6C	39.96 1015	16.02 407	24.41 620	15.75 400	30.91 785	11.81 300	12.60 320	8.86 225	59.06 1500	150	180
BOS-ESV5000/6C	56.69 1440	23.43 595	25.98 660	25.59 650	47.64 1210	13.78 350	12.20 310	15.16 385	110.24 2800	170	250
BOS-ESV5000/8C	56.69 1440	23.43 595	25.98 660	25.59 650	47.64 1210	13.78 350	12.20 310	15.16 385	110.24 2800	185	265
BOS-ESV6000/6C	62.56 1589	23.43 595	25.98 660	31.50 800	53.54 1360	13.78 350	12.20 310	15.16 385	110.24 2800	208	270
BOS-ESV6000/8C	62.56 1589	23.43 595	25.98 660	31.50 800	53.54 1360	13.78 350	12.20 310	15.16 385	110.24 2800	218	285
BOS-ESV7800/10C	58.27 1480	27.40 696	31.50 800	25.59 650	48.98 1244	15.75 400	15.75 400	17.17 436	118.11 3000	220	370
BOS-ESV7800/12C	58.27 1480	27.40 696	31.50 800	25.59 650	48.98 1244	15.75 400	15.75 400	17.17 436	118.11 3000	240	395
BOS-ESV9600/10C	63.23 1606	27.40 696	31.50 800	31.50 800	54.13 1375	15.75 400	15.75 400	17.17 436	118.11 3000	250	400
BOS-ESV9600/12C	63.23 1606	27.40 696	31.50 800	31.50 800	54.13 1375	15.75 400	15.75 400	17.17 436	118.11 3000	290	440
BOS-ESV12000/14C	70.24 1784	32.87 835	40.35 1025	35.43 900	61.10 1552	19.69 500	20.67 525	20.83 529	109.45 2780	450	710
BOS-ESV12000/16C	70.24 1784	32.87 835	40.35 1025	35.43 900	61.10 1552	19.69 500	20.67 525	20.83 529	109.45 2780	470	740
BOS-ESV15000/18C	76.50 1943	40.91 1039	47.44 1205	37.40 950	66.93 1700	23.62 600	23.82 605	24.84 631	115.75 2940	750	1230
BOS-ESV15000/20C	76.50 1943	40.91 1039	47.44 1205	37.40 950	66.93 1700	23.62 600	23.82 605	24.84 631	115.75 2940	775	1260
BOS-ESV18000/24C	77.28 1963	44.84 1139	50.79 1290	39.37 1000	67.80 1722	25.59 650	25.20 640	26.81 681	116.54 2960	1010	1610
BOS-ESV26000/24C	81.22 2063	49.17 1249	54.72 1390	43.31 1100	72.05 1830	29.53 750	25.20 640	30.71 780	120.47 3060	1210	1810

BOWNT BOS-ESM

BOS-ESM系列 卧式电动吸式自清洗网式过滤器

BOS-ESM series electric suction self-cleaning screen filter, horizontal type.



技术参数

Technical Data

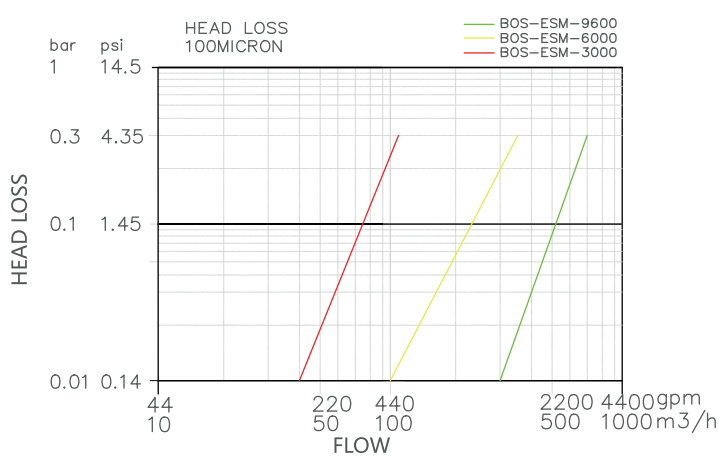
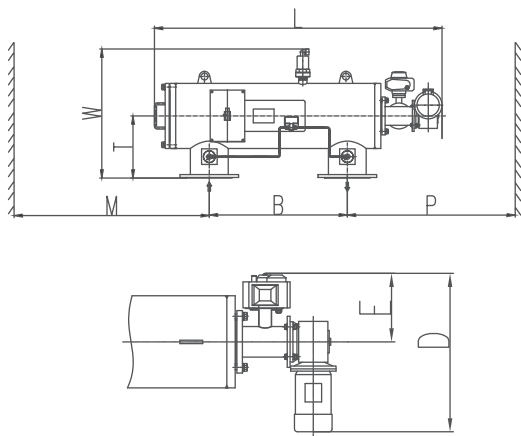
最大工作压力 / Max. Working Pressure psi (MPa)	145 (1.0) /232 (1.6) /362.5 (2.5)
最小清洗压力 / Min. Cleaning Pressure psi (MPa)	21.8 (0.15)
进/出口管径 / Inlet/Outlet Flange inch (mm)	3"-24" (DN80-DN600)
筒体直径 / Housing Diameter inch (mm)	12"-36" (Φ325-Φ916)
过滤流量 / Flowrate gpm (m³/h)	≤12320 (2800)
过滤面积 / Filtration Area inch² (cm²)	279-4030 (1800-26000)
过滤精度 / Micron Rating (μm)	20-3500
清洗方式 / Cleaning Mode	压差、时间及手动 Differential Pressure / Timing / Manual
最高工作温度 / Max. Working Temperature °F (°C)	158 (70)
额定操作电压 / Rated Voltage	三相/ 3-phase, 380/400V, 50HZ
电机功率 / Motor Power hp (kw)	0.24-1.02 (0.18-0.75)
控制器电压 / Control Voltage	220V / 230V AC

产品型号 Model	最大流量 Max. Flow		过滤面积 Filtration Surface	接口规格 Connection (DN/PN1.0)		清洗 Cleaning Cycle			
	gpm	m³/h	inch² (cm²)	进出口/Inlet-Outlet inch (mm)	排污口/Drain inch (mm)	流量/Flow gpm (l/s)	时间/Time (s)	耗水/Water Consumption gal (l)	功率/Power hp (kw)
BOS-ESM3000/3C	264	60	465 3000	3" 80	1.5" 40	31.7 2	15	7.93 30	0.24 0.18
BOS-ESM3000/4C	352	80	465 3000	4" 100	1.5" 40	31.7 2	15	7.93 30	0.24 0.18
BOS-ESM6000/6C	704	160	930 6000	6" 150	1.5" 40	47.6 3	15	11.89 45	0.50 0.37
BOS-ESM6000/8C	1320	300	930 6000	8" 200	1.5" 40	47.6 3	15	11.89 45	0.50 0.37
BOS-ESM9600/10C	1980	450	1488 9600	10" 250	2" 50	71.3 4.5	30	35.66 135	0.50 0.37
BOS-ESM9600/12C	2860	650	1488 9600	12" 300	2" 50	71.3 4.5	30	35.66 135	0.50 0.37

注：最大过滤流量及清洗数据是按照100微米过滤精度、水质较好工况的数据，实际过滤流量与所选过滤精度和水质有关，具体请咨询本公司。

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

尺寸 | Dimensions



产品型号/Model	尺寸 /Dimensions							净重(kg)		含水重量(kg)
	L	W	D	B	E	T	M	P	Empty Weight	With Water
BOS-ESM3000/3C	66.93 1700	26.97 685	22.83 580	31.50 800	10.24 260	12.60 320	61.02 1550	39.37 1000	230	328
BOS-ESM3000/4C	66.93 1700	26.97 685	22.83 580	31.50 800	10.24 260	12.60 320	61.02 1550	39.37 1000	250	348
BOS-ESM6000/6C	65.75 1670	29.13 740	26.18 665	31.50 800	13.58 345	13.78 350	59.06 1500	39.37 1000	275	403
BOS-ESM6000/8C	65.75 1670	29.53 750	26.18 665	31.50 800	13.58 345	14.17 360	59.06 1500	39.37 1000	295	425
BOS-ESM9600/10C	85.83 2180	32.48 825	26.50 673	39.37 1000	13.90 353	15.75 400	80.71 2050	45.27 1150	455	720
BOS-ESM9600/12C	85.83 2180	32.48 825	26.50 673	39.37 1000	13.90 353	15.75 400	80.71 2050	45.27 1150	490	750

BOS-EST系列 立式电动吸式自清洗网式过滤器

BOS-EST series electric suction self-cleaning screen filter, vertical type.



技术参数

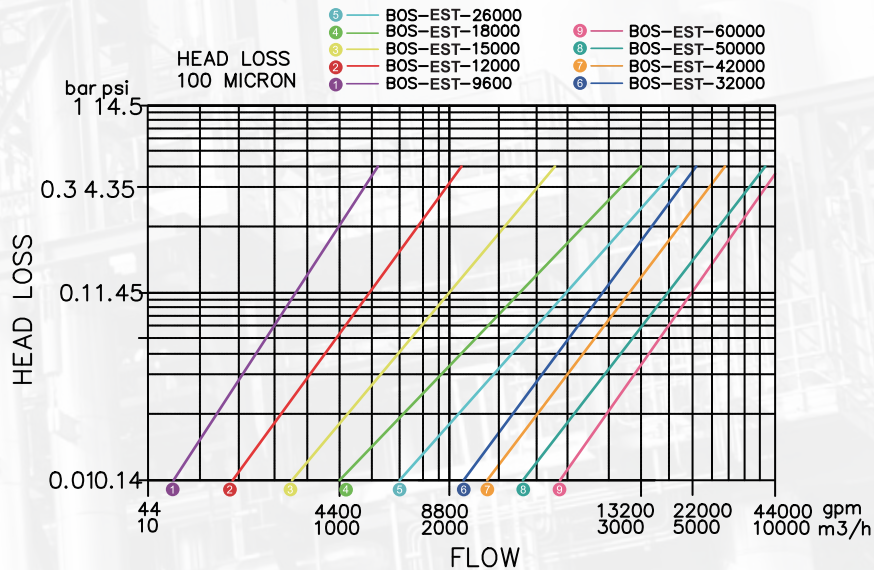
Technical Data

最大工作压力 / Max. Working Pressure psi (MPa)	145 (1.0) /232 (1.6) /362.5 (2.5)
最小清洗压力 / Min. Cleaning Pressure psi (MPa)	21.8 (0.15)
进/出口管径 / Inlet/Outlet Flange inch (mm)	10"-40" (DN250-DN1000)
筒体直径 / Housing Diameter inch (mm)	17"-80" (Φ426-Φ2032)
过滤流量 / Flowrate gpm (m³/h)	≤30820 (7000)
过滤面积 / Filtration Area inch² (cm²)	1488-9300 (9600-60000)
过滤精度 / Micron Rating (μm)	20-3500
清洗方式 / Cleaning Mode	压差、时间及手动 Differential Pressure / Timing / Manual
最高工作温度 / Max. Working Temperature °F (°C)	158 (70)
额定操作电压 / Rated Voltage	三相/ 3-phase, 380/400V, 50HZ
电机功率 / Motor Power hp (kw)	0.5-2.99 (0.37-2.2)
控制器电压 / Control Voltage	220V / 230V AC

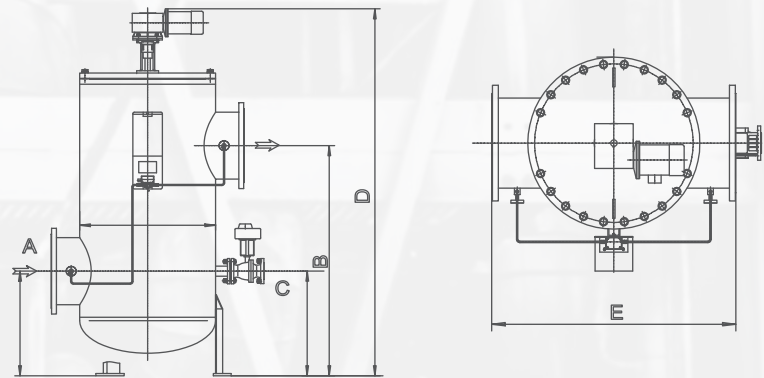
产品型号 Model	最大流量 Max. Flow		过滤面积 Filtration Surface	接口规格 Connection (DN/PN1.0)		清洗 Cleaning Cycle			
	gpm	m³/h		进出口/Inlet-Outlet inch (mm)	排污口/Drain inch (mm)	流量/Flow gpm (l/s)	时间/Time (s)	耗水/Water Consumption gal (l)	功率/Power hp (kw)
BOS-EST9600/10	1980	450	1488 9600	10" 250	2" 50	71.3 4.5	30	29 135	0.50 0.37
BOS-EST9600/12	2860	650	1488 9600	12" 300	2" 50	71.3 4.5	30	29 135	0.50 0.37
BOS-EST12000/14	3960	900	1860 12000	14" 350	2" 50	79.3 5	30	33 150	0.75 0.55
BOS-EST12000/16	5280	1200	1860 12000	16" 400	2" 50	79.3 5	30	33 150	0.75 0.55
BOS-EST15000/18	6600	1500	2325 15000	18" 450	2.5" 65	126.9 8	40	70.4 320	1.00 0.75
BOS-EST15000/20	8800	2000	2325 15000	20" 500	2.5" 65	126.9 8	40	70.4 320	1.00 0.75
BOS-EST18000/24	11440	2600	2790 18000	24" 600	2.5" 65	126.9 8	40	70.4 320	1.00 0.75
BOS-EST26000/24	11440	2600	2790 18000	24" 600	2.5" 65	126.9 8	40	70.4 320	1.00 0.75
BOS-EST32000/28	14080	3200	4960 32000	28" 700	3" 80	174.4 11	60	145.2 660	1.5 1.1
BOS-EST42000/32	16720	3800	6510 42000	32" 800	3" 80	174.4 11	60	145.2 660	2.0 1.5
BOS-EST50000/36	22000	5000	7750 50000	35" 900	3.9" 100	285.3 18	60	237.6 1080	2.0 1.5
BOS-EST60000/40	30800	7000	9300 60000	40" 1000	3.9" 100	285.3 18	60	237.6 1080	2.99 2.2

注：最大过滤流量及清洗数据是按照100微米过滤精度、水质较好工况的数据，实际过滤流量与所选过滤精度和水质有关，具体请咨询本公司。

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



尺寸 | Dimensions



产品型号/Model	尺寸 /Dimensions inch (mm)					净重(kg)	含水重量(kg)
	A	B	C	D	E	Empty Weight	With Water
BOS-EST9600/10	19.69 500	5.91 150	19.69 500	83.70 2126	33.47 850	310	525
BOS-EST9600/12	19.69 500	45.28 1150	19.69 500	83.70 2126	33.47 850	340	555
BOS-EST12000/14	21.66 550	55.12 1400	21.66 550	89.92 2284	41.34 1050	500	1000
BOS-EST12000/16	21.66 550	55.12 1400	21.66 550	89.92 2284	41.34 1050	540	1040
BOS-EST15000/18	27.56 700	63.00 1600	27.56 700	101.70 2583	47.24 1200	970	2220
BOS-EST15000/20	27.56 700	63.00 1600	27.56 700	101.70 2583	47.24 1200	1020	2260
BOS-EST18000/24	31.50 800	68.90 1750	31.50 800	107.87 2740	51.18 1300	1270	2570
BOS-EST26000/24	31.50 800	68.90 1750	33.46 850	107.87 2740	51.18 1300	1270	2570
BOS-EST32000/28	57.36 1457	57.36 1457	7.87 200	118.90 3020	70.87 1800	2520	5520
BOS-EST42000/32	63.31 1608	63.31 1608	7.87 200	134.06 3405	78.74 2000	3520	8520
BOS-EST50000/36	68.50 1740	68.50 1740	7.87 200	162.91 4138	86.61 2200	4600	11520
BOS-EST60000/40	78.74 2000	78.74 2000	7.87 200	180.71 4590	94.49 2400	6200	12000

BOS-EST



HYDRAULIC SUCTION

SELF-CLEANING SCREEN FILTER

液压吸式自清洗网式过滤器

产品特点

Characteristic

01

高效水力驱动, 先进可靠的吸吮清洗装置, 紧凑型设计

Hydraulic driven, compact design, reliable and durable suction cleaning system.

02

水力运作几乎不需外接电源, 清洗水量极小

Free of external power supply and low water consumption.

03

根据压差/定时进行自动清洗, 清洗时系统不断流
Cleaning cycle can be activated by the differential pressure and timing automatically, without an interruption of filtration.

04

法兰连接标准可选择ANSI B16.5/DIN2576/ GB9119
Flange standard is optional for ANSI B16.5/ DIN2576/ GB9119.

05

滤网提供20、50、80、100、130、200、300、500、
800、1500、2500、3500微米等多种过滤精度
Filtration grade is optional for 20/ 50/ 100/ 200/
300/ 500/ 800/ 1500/ 2500/ 3500 micron and etc.

06

耐强腐蚀、防爆型等特殊要求的产品可个性化定制
Customizable for high anticorrosive and explosionproof components.

07

过滤器全部经过试压调试验, 保证操作安全
All filters apply to hydraulic test before shipment to ensure a safe operation.

08

承压等级: 标准配置为116psi (0.8MPa) ,
232psi (1.6MPa) 等承压可选
Pressure rating is optional for 116psi (0.8MPa),
232psi (1.6MPa)

BOWNT BOS-HSV

BOS-HSV系列 立式液压吸式自清洗网式过滤器

BOS-HSV series hydraulic suction self-cleaning screen filter, vertical type.



技术参数

Technical Data

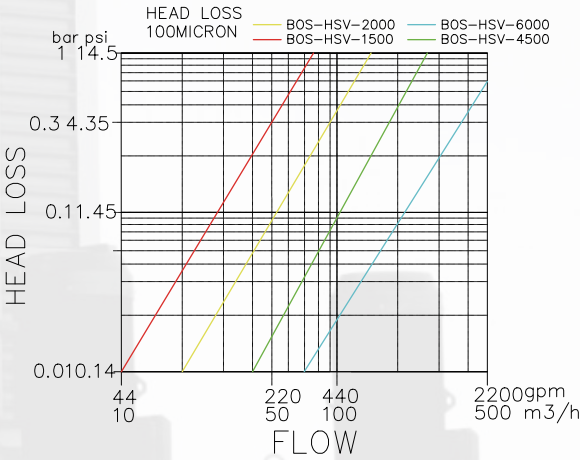
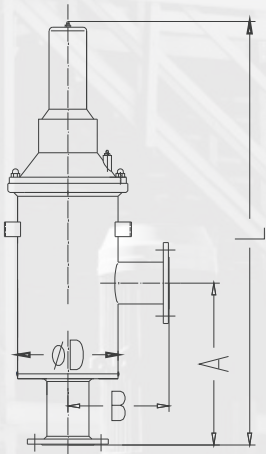
最大工作压力 / Max. Working Pressure psi (MPa)	116 (0.8) /232 (1.6)
最小清洗压力 / Min. Cleaning Pressure psi (MPa)	36 (0.25)
进/出口管径 / Inlet/Outlet Flange inch (mm)	2"-4" (DN50-DN100)
筒体直径 / Housing Diameter inch (mm)	10" (Φ273)
过滤流量 / Flowrate gpm (m³/h)	≤308 (70)
过滤面积 / Filtration Area inch² (cm²)	232-310 (1500-2000)
过滤精度 / Micron Rating (μm)	20-3500
清洗方式 / Cleaning Mode	压差、时间及手动 Differential Pressure / Timing / Manual
最高工作温度 / Max. Working Temperature °F (°C)	158 (70)
控制器电压 / Control Voltage	220V / 230V AC

产品型号 Model	最大流量 Max. Flow		过滤面积 Filtration Surface	接口规格 Connection (DN/PN1.0)		清洗 Cleaning Cycle		
	gpm	m³/h	inch² (cm²)	进出口/Inlet-Outlet inch (mm)	排污口/Drain inch (mm)	流量/Flow gpm (l/s)	时间/Time (s)	耗水/Water Consumption gal (l)
BOS-HSV1500/2C	110	25	232.5 1500	2" 50	1.5" 40	23.8 1.5	15	4.95 22.5
BOS-HSV1500/3C	176	40	232.5 1500	3" 80	1.5" 40	23.8 1.5	15	4.95 22.5
BOS-HSV2000/3C	220	50	310 2000	3" 80	1.5" 40	23.8 1.5	15	4.95 22.5
BOS-HSV2000/4C	352	80	310 2000	4" 100	1.5" 40	23.8 1.5	15	4.95 22.5
BOS-HSV4500/6C	660	150	698 4500	6" 150	2" 50	47.6 3	15	9.90 45
BOS-HSV6000/8C	1320	300	930 6000	8" 200	2" 50	47.6 3	15	9.90 45

注：最大过滤流量及清洗数据是按照100微米过滤精度、水质较好工况的数据，实际过滤流量与所选过滤精度和水质有关，具体请咨询本公司。

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

尺寸 | Dimensions



产品型号/Model	尺寸 /Dimensions			净重(kg) Empty Weight	含水重量(kg) With Water
	L	A	B		
BOS-HSV1500/2C	36.22 920	15.35 390	10.63 270	31	70
BOS-HSV1500/3C	36.22 920	15.35 390	10.63 270	35	75
BOS-HSV2000/3C	40.16 1020	17.32 440	10.63 270	40	95
BOS-HSV2000/4C	40.16 1020	17.32 440	10.63 270	45	100
BOS-HSV4500/6C	49.21 1250	17.71 450	9.84 250	90	140
BOS-HSV6000/8C	57.09 1450	22.05 560	11.02 280	165	240

BOS-HSM系列
卧式液压吸式自清洗网式过滤器

BOS-HSM series hydraulic suction self-cleaning
screen filter, horizontal type.



技术参数

Technical Data

最大工作压力 / Max. Working Pressure psi (MPa)	116 (0.8) /232 (1.6)
最小清洗压力 / Min. Cleaning Pressure psi (MPa)	36 (0.25)
进/出口管径 / Inlet/Outlet Flange inch (mm)	4"-10" (DN100-DN250)
筒体直径 / Housing Diameter inch (mm)	10"-18" (Φ273-Φ486)
过滤流量 / Flowrate gpm (m³/h)	≤1672 (380)
过滤面积 / Filtration Area inch² (cm²)	418-1240 (2700-8000)
过滤精度 / Micron Rating (μm)	20-3500
清洗方式 / Cleaning Mode	压差、时间及手动 Differential Pressure / Timing / Manual
最高工作温度 / Max. Working Temperature °F (°C)	158 (70)

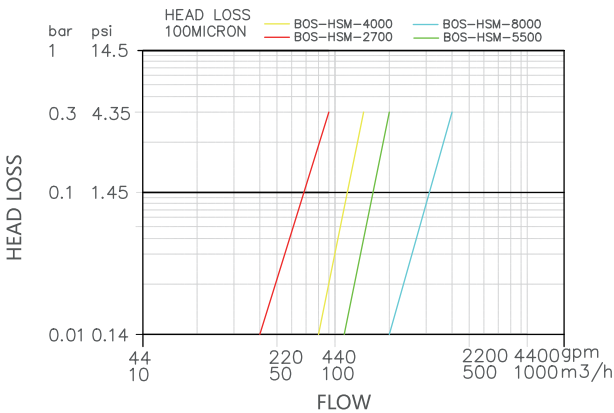
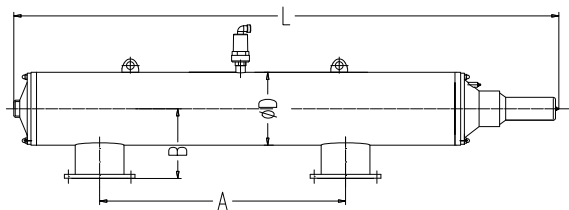
控制器电压 / Control Voltage	220V / 230V AC
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产品型号 Model	最大流量 Max. Flow		过滤面积 Filtration Surface	接口规格 Connection (DN/PN1.0)		清洗 Cleaning Cycle		
	gpm	m³/h	inch² (cm²)	进出口/Inlet-Outlet inch (mm)	排污口/Drain inch (mm)	流量/Flow gpm (l/s)	时间/Time (s)	耗水/Water Consumption gal (l)
BOS-HSM2700/4C	352	80	418.5 2700	4" 100	1.5" 40	31.7 2	15	7.93 30
BOS-HSM4000/4C	440	100	620 4000	4" 100	1.5" 40	63.4 4	15	15.85 60
BOS-HSM4000/5C	616	140	620 4000	5" 125	1.5" 40	63.4 4	15	15.85 60
BOS-HSM5500/5C	660	150	852.5 5500	5" 125	1.5" 40	63.4 4	15	15.85 60
BOS-HSM5500/6C	792	180	852.5 5500	6" 150	1.5" 40	63.4 4	15	15.85 60
BOS-HSM8000/6C	968	220	1240 8000	6" 150	1.5" 40	95.1 6	30	47.56 180
BOS-HSM8000/8C	1408	320	1240 8000	8" 200	1.5" 40	95.1 6	30	47.56 180
BOS-HSM8000/10C	1672	380	1240 8000	10" 250	1.5" 40	95.1 6	30	47.56 180

注：最大过滤流量及清洗数据是按照100微米过滤精度、水质较好工况的数据，实际过滤流量与所选过滤精度和水质有关，具体请咨询本公司。

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

尺寸 | Dimensions



产品型号/Model	尺寸 /Dimensions			净重(kg) Empty Weight	含水重量(kg) With Water
	L	A	B		
BOS-HSM2700/4C	62.99 1600	19.69 500	11.30 287	72	132
BOS-HSM4000/4C	70.87 1800	23.62 600	11.30 287	83	153
BOS-HSM4000/5C	70.87 1800	23.62 600	11.30 287	85	155
BOS-HSM5500/5C	83.07 2110	35.43 900	11.30 287	92	182
BOS-HSM5500/6C	83.07 2110	35.43 900	11.30 287	95	185
BOS-HSM8000/6C	98.50 2502	43.31 1100	12.28 312	135	235
BOS-HSM8000/8C	98.50 2502	43.31 1100	12.28 312	142	242
BOS-HSM8000/10C	98.50 2502	43.31 1100	12.28 312	154	254

BOWNT-SOLUTION

BOWNT解决方案

过滤膜保护

Membrane Protection

海水淡化

Desalination

冷却循环水

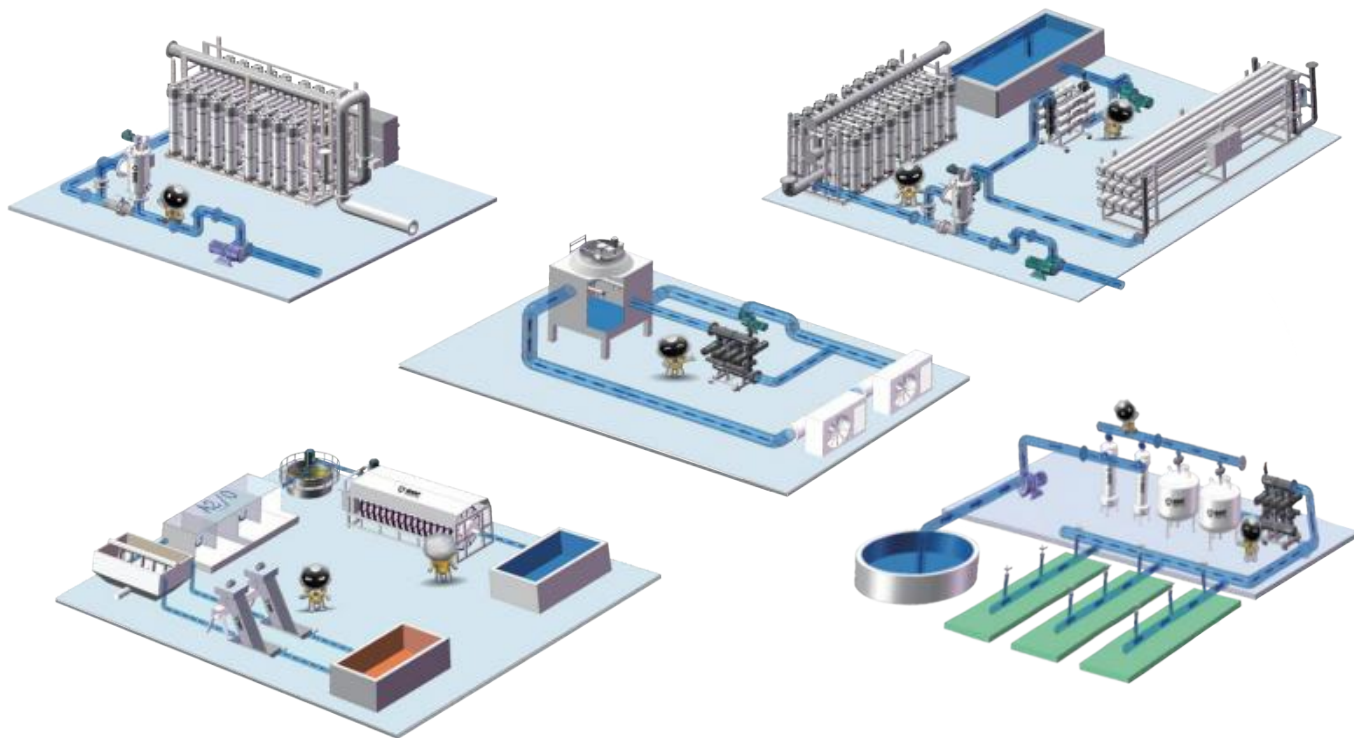
Circulating Cooling Water

再生水处理

Water Reuse

节水灌溉

Irrigation





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