

BOWNT

BOD XM

系列气水混合反洗高精度过滤系统

Air Aided Back Flushing

High Precision Filtration System



PURIFICATION IN ACTION

全球领先机械过滤解决方案综合服务商
World-leading Mechanical Filtration Solution Service Provider



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 提供专业指导服务。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!

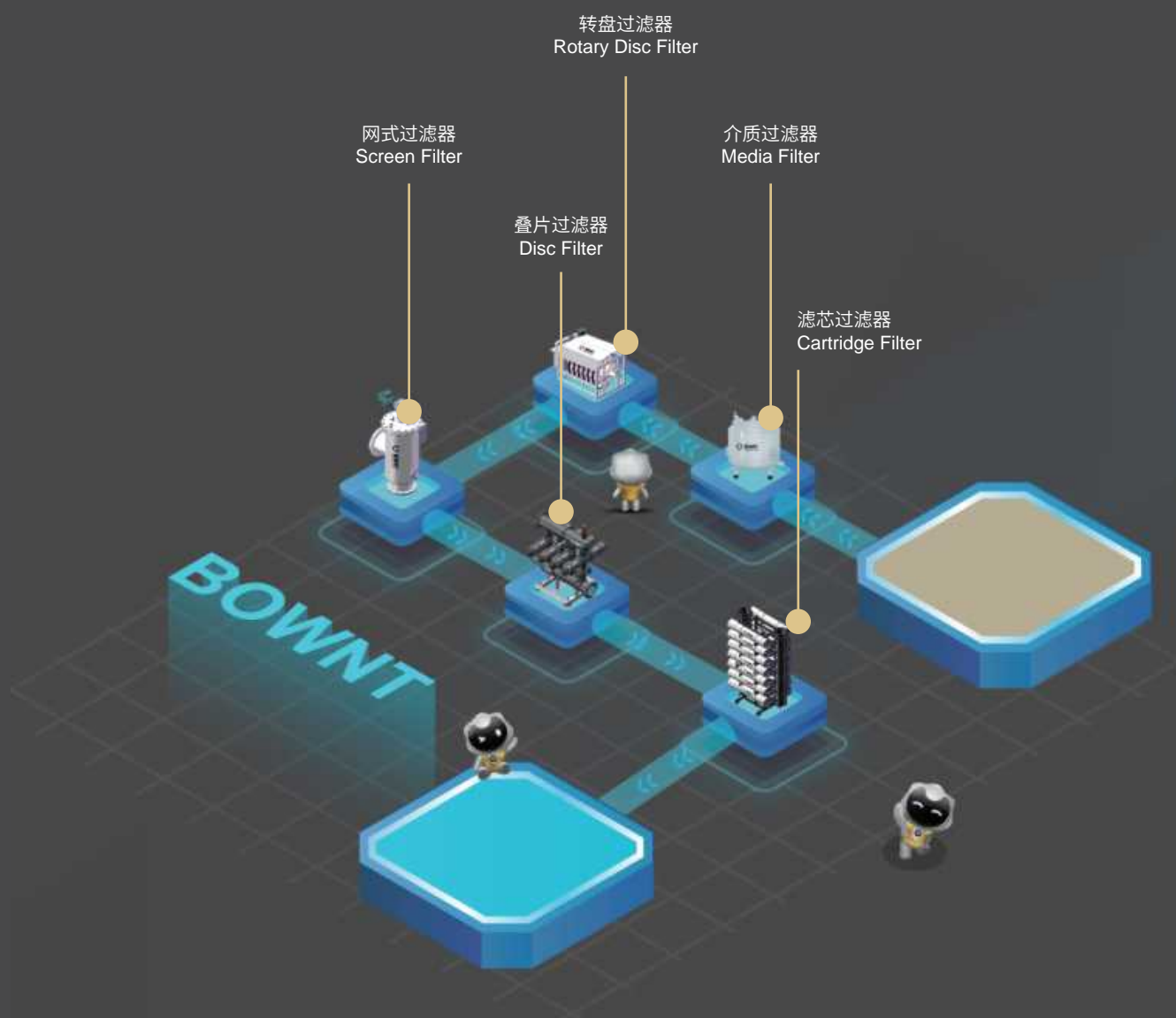


全球领先机械过滤解决方案综合服务商

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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更多产品信息尽在



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High-Precision Filter 高精度过滤器

产品特点

Characteristic

01

过滤高效稳定，反洗水量极小。

Efficient filtration with low back flushing water consumption.

03

壳体材质为尼龙增强玻纤，坚固耐用，最大承压可达145PSI (1.0MPa)

Filter housings are made of glass fiber reinforced nylon, high strength and durable, the maximum pressure is up to 1.0MPa .

05

根据压差/定时进行自动反洗，反洗时系统不断流。

Filter back flushing cycle can be activated by the differential pressure & timing, without an interruption of filtration.

07

过滤精度可以选择1、5、10、15、20、30微米等（其他精度可以咨询厂家）

Filtration grade is optional for 1/5/10/15/20/30 micron etc, further requirements please refer to the manufacture.

02

气水混合反洗，自动化控制。

Air-aided backwashing and automatic control system.

04

滤芯材质为烧结PE、不锈钢、双相钢等，耐腐蚀性强，适合复杂流体和环境。

Filter cartridges are made of sintered-PE, stainless steel or duplex, high corrosion resistance is suitable for complex fluid and environment.

06

可按空间自由组合，节省占地。

Modular design for space saving, free combination according to the mounting space.

08

系统维护成本低，运行安全可靠，使用寿命长。

Low maintenance cost, reliable safe operation and long service life.



BOD HP600 系列高精度过滤器

BOD HP600 Series of High-Precision Filter



技术参数

Technical Data

产品型号 Model	接口规格 Connection	描述 Description	过滤精度 Filter Precision	
			微米 Micron	目 Mesh
HP600D50SL	90°卡口接口/90° - Coupling	2" 高精度过滤单元/	1	12500
HP600D50SM	180°卡口接口/180° - Coupling	2" High Precision Filter Unit	5	2500
			10	1250
			15	833
HP600D80SM	180°卡口接口/180° - Coupling	3" 高精度过滤单元/ 3" High Precision Filter Unit	20	625
			30	417

注：其他精度可定制，具体请咨询本公司。

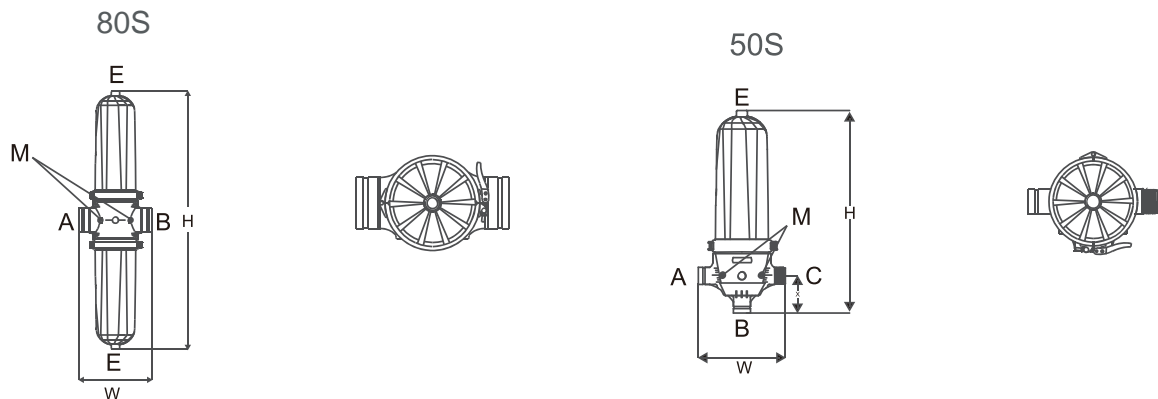
Note : Other micron rating is customizable . Please consult our company for details .

产品型号 Model	过滤精度 Filter Precision 微米 Micron	最大流量 Max. Flow gpm (m ³ /h)	过滤面积 Filtration Area inch ² (cm ²)	最大压力 Max. Pressure psi (MPa)	反洗流量 Backwash Flow gpm (l/s)
HP600D50SL	1	31 7	333	145	31
HP600D50SM	5	66 15	2150	1.0	2
HP600D80SM	1	62 14	666	145	62
	5	132 30	4300	1.0	4

注：最大流量及清洗数据是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。

Note: The data of maximum flow rate and cleaning is for very good water quality. The actual filtration flow and the filtration grade are related to the water quality. Please refer to our company for the details.

尺寸 | Dimensions



产品型号 Model	接口规格 Connection			尺寸/Dimensions (mm)					重量/Weight (kg)
	A	B	C	E	M	H	W	X	
HP600D50SL	2" VIC	2" VIC	2" BSP	3/4"	1/4"	28.46	12.2	5.27	9
HP600D50SM	2" VIC	2" BSP	2" VIC	BSP	BSP	723	310	134	
HP600D80SM	3" VIC	3" VIC		3/4" BSP	1/4" BSP	47.24 1200	13.42 341		19

BOD XM2000 系列气水混合反洗高精度过滤系统

Air Aided Back Flushing High Precision Filtration System



技术参数

Technical Data

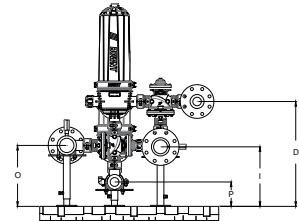
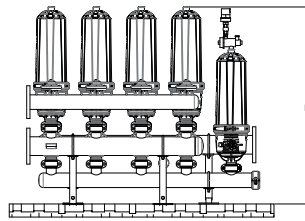
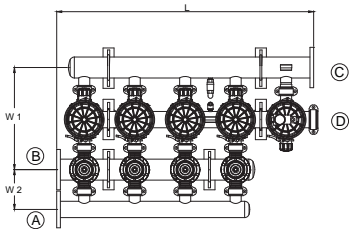
过滤单元 / Filter Unit		2"
最大工作压力 / Max. Working Pressure	psi(Mpa)	145(1.0)
最小反洗压力 / Min. Back Flushing Pressure	psi(Mpa)	36.25 (0.25)
单元外壳材质 / Filter Shell Material		玻璃纤维加强聚酰胺 / Glassfiber Reinforced Polyamide
滤芯材质 / Cartridge Material		PE烧结 / PE sintered
密封材料 / Sealing Material		NBR
反洗流量 / Back Flushing Water Consumption	gpm(l/s)	31 (2)
建议反洗压差 / Advise Back Flushing DP	psi(Mpa)	7.25 (0.05)
过滤面积 / Filtration Area	inch ² (cm ²)	333 (2150)
重量 / Weight	kg	9
PH		4-13
温度 / Temperature	°F (°C)	32-140 (0-60)

产品型号 Model	最大流量 (以5μm为例) Max. Flow (Take 5 micron as an example)		滤头数 × 尺寸 Filter unit × size	进出水管 Inlet / Outlet		控制系统 Control Unit
	gpm	m ³ /h	inch	inch	DN PN1.0	220V AC
	BOD XM 202/3F	132	30	2 x 2"	3"	80
BOD XM 203/3F	198	45	3 x 2"	3"	80	BOA N 104
BOD XM 204/4F	264	60	4 x 2"	4"	100	BOA N 105
BOD XM 205/4F	330	75	5 x 2"	4"	100	BOA N 106
BOD XM 206/4F	396	90	6 x 2"	4"	100	BOA N 107
BOD XM 207/6F	462	105	7 x 2"	6"	150	BOA N 108
BOD XM 208/6F	528	120	8 x 2"	6"	150	BOA N 109

注：气水混合反洗，气源压力0.3-0.6MPa。

Note: AIR ASSISTED BACKWASHING, COMPRESSED AIR PRESSURE 0.3-0.6MPA.

尺寸 | Dimensions



Ⓐ 排污管 / Drainage manifold

Ⓑ 进水管 / Inlet manifold

Ⓒ 出水管 / Outlet manifold

Ⓓ 压力管 / Inlet pressure manifold

产品型号 Model	尺寸/Dimensions (mm)						
	L	W	H	I	O	D	P
BOD XM 202/3F	33.46 850	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD XM 203/3F	44.29 1125	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD XM 204/4F	55.12 1400	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD XM 205/4F	65.94 1675	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD XM 206/4F	76.77 1950	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD XM 207/6F	87.60 2225	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD XM 208/6F	98.43 2500	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219

BOD XM4000 系列气水混合反洗高精度过滤系统

Air Aided Back Flushing High Precision Filtration System



技术参数

Technical Data

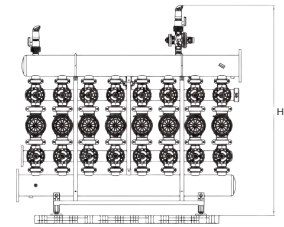
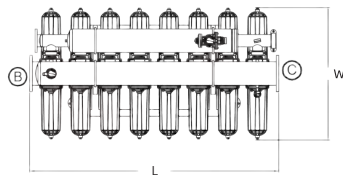
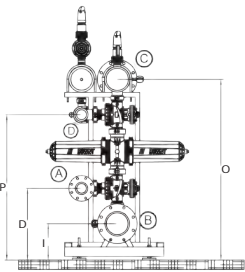
过滤单元 / Filter Unit		3" SUPER
最大工作压力 / Max. Working Pressure	psi(Mpa)	145(1.0)
最小反洗压力 / Min. Back Flushing Pressure	psi(Mpa)	36.25 (0.25)
单元外壳材质 / Filter Shell Material		玻璃纤维加强聚酰胺 / Glassfiber Reinforced Polyamide
滤芯材质 / Cartridge Material		PE烧结 / PE sintered
密封材料 / Sealing Material		NBR
反洗流量 / Back Flushing Water Consumption	gpm(l/s)	62 (4)
建议反洗压差 / Advise Back Flushing DP	psi(Mpa)	7.25 (0.05)
过滤面积 / Filtration Area	inch ² (cm ²)	666 (4300)
重量 / Weight	kg	19
PH		4-13
温度 / Temperature	°F (°C)	32-140 (0-60)

产品型号 Model	最大流量 (以5μm为例) Max. Flow (Take 5 micron as an example)		滤头数 × 尺寸 Filter unit × size	进出水管 Inlet / Outlet		控制系统 Control Unit
	gpm	m ³ /h	inch	inch	DN PN1.0	220V AC
	BOD XM 403/6F	396	90	3 x 4"	6"	150
BOD XM 404/6F	528	120	4 x 4"	6"	150	BOA N 105
BOD XM 405/6F	660	150	5 x 4"	6"	150	BOA N 106
BOD XM 406/8F	792	180	6 x 4"	8"	200	BOA N 107
BOD XM 407/8F	924	210	7 x 4"	8"	200	BOA N 108
BOD XM 408/8F	1056	240	8 x 4"	8"	200	BOA N 109
BOD XM 409/8F	1188	270	9 x 4"	8"	200	BOA N 110
BOD XM 410/10F	1320	300	10 x 4"	10"	250	BOA N 111
BOD XM 411/10F	1452	330	11 x 4"	10"	250	BOA N 112

注：气水混合反洗，气源压力0.3-0.6MPA。

Note: AIR ASSISTED BACKWASHING, COMPRESSED AIR PRESSURE 0.3-0.6MPA.

尺寸 | Dimensions



Ⓐ 排污管 / Drainage manifold

Ⓑ 进水管 / Inlet manifold

Ⓒ 出水管 / Outlet manifold

Ⓓ 压力管 / Inlet pressure manifold

产品型号 Model	尺寸/Dimensions (mm)						
	L	W	H	I	O	D	P
BOD XM 403/6F	37.40 950	47.24 1200	81.81 2078	11.14 283	57.83 1469	22.04 560	46.93 1192
BOD XM 404/6F	48.23 1225	47.24 1200	92.00 2337	12.60 320	61.18 1554	24.53 623	49.21 1250
BOD XM 405/6F	59.06 1500	47.24 1200	92.00 2337	12.60 320	61.18 1554	24.53 623	49.21 1250
BOD XM 406/8F	69.88 1775	47.24 1200	92.00 2337	12.60 320	61.18 1554	24.53 623	49.21 1250
BOD XM 407/8F	85.63 2175	47.24 1200	96.45 2450	13.78 350	64.41 1636	26.77 680	51.46 1307
BOD XM 408/8F	96.46 2450	47.24 1200	96.45 2450	13.78 350	64.41 1636	26.77 680	51.46 1307
BOD XM 409/8F	107.28 2725	47.24 1200	99.01 2515	15.35 390	67.99 1727	29.33 745	52.83 1342
BOD XM 410/10F	118.11 3000	47.24 1200	99.01 2515	15.35 390	67.99 1727	29.33 745	52.83 1342
BOD XM 411/10F	128.94 3275	47.24 1200	99.01 2515	15.35 390	67.99 1727	29.33 745	52.83 1342

BOWNT-SOLUTION

BOWNT解决方案

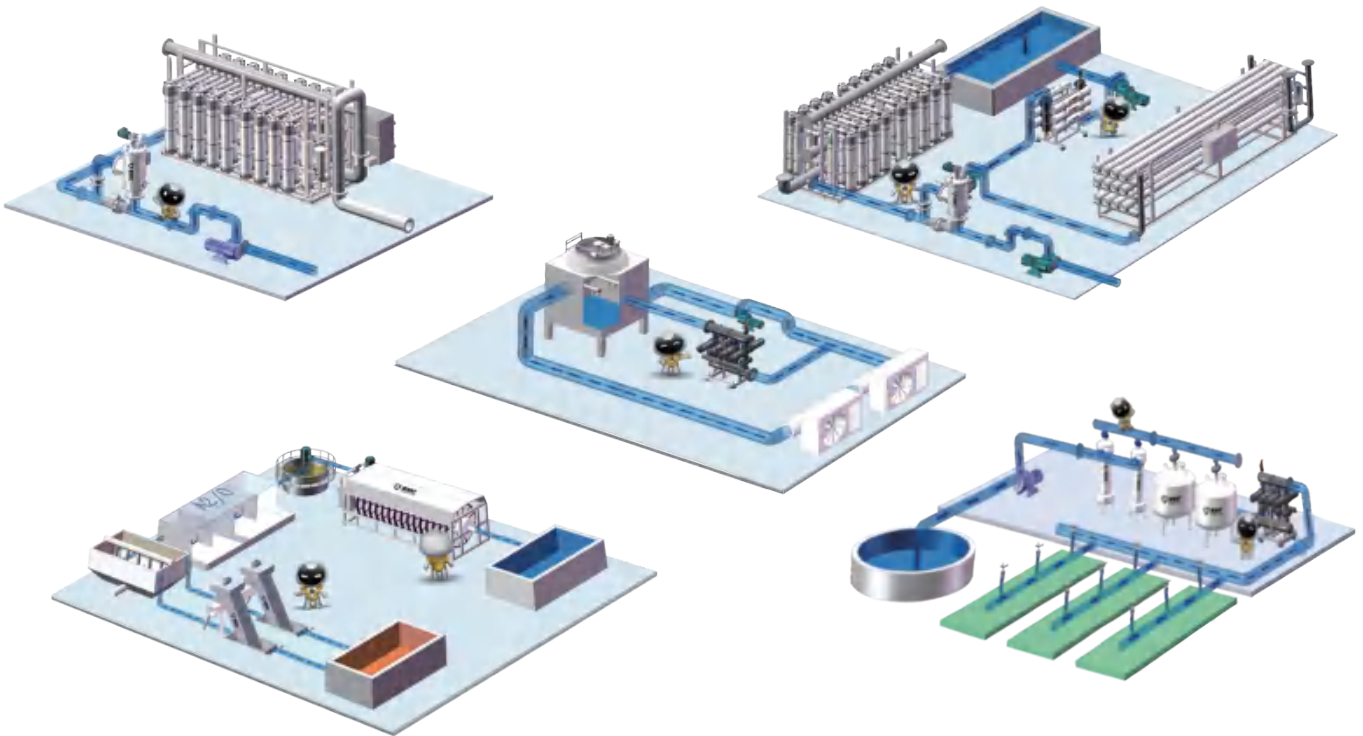
过滤膜保护
Membrane Protection

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





BOWNT



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