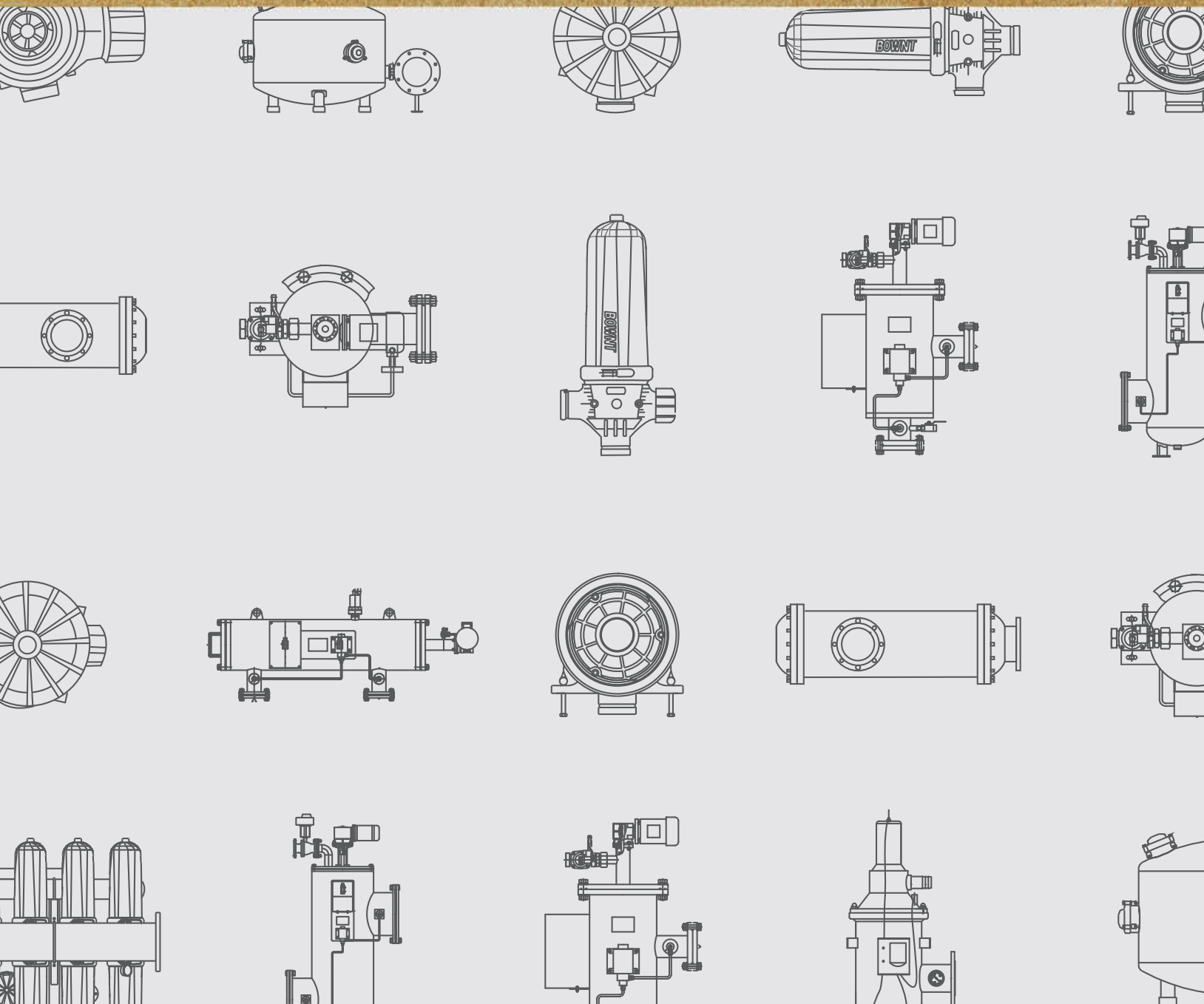




# BOWNT

## BOD系列过滤系统

PURIFICATION IN ACTION







## 关于我们 / ABOUT US

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。二十多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！

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, start-up and operational processes. With more than two 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'.



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# BOWNT

PURIFICATION IN ACTION

## 邦沃特 BOD 600 系列过滤器

- 过滤高效稳定，反洗水量极小
- 壳体材质为尼龙增强玻纤，坚固耐用，最大承压可达145psi (1.0MPa)
- 水力/气源驱动自动反洗，内源、外源及气水混合反洗可选
- 根据压差 / 定时进行自动反洗，反洗时系统不断流
- 模块化设计，可按空间自由组合，节省占地
- 过滤精度可以选择50、100、130、200微米(其他精度可以咨询厂家) ，适应不同工况环境
- 叠片耐腐蚀性能强，适合复杂流体和环境
- 系统维护成本低，运行安全可靠，使用寿命长

## BOWNT BOD 600 SERIES FILTER

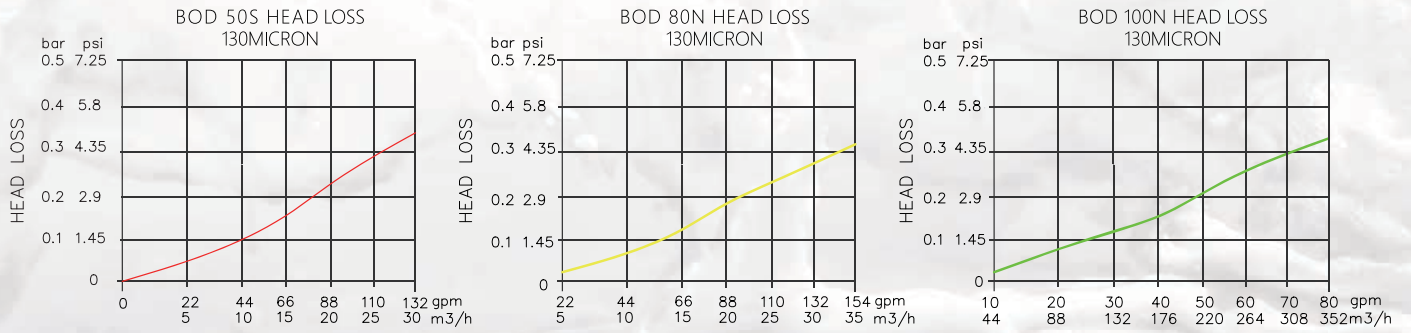
- Efficient filtration with low back flushing water consumption.
- Filter shell is made of glass fiber reinforced nylon, sturdy and durable, with maximum pressure up to 145psi (1.0MPa)
- Optional for hydraulic / pneumatic / internal/external/mixing ( hydraulic and pneumatic ) actuate a back flushing cycle.
- Back flushing cycle can be activated by differential pressure & timing, without an interruption of filtration.
- Modular design for space saving, free combination according to the mounting space.
- Filtration grade optional for 50/100/130/200 micron etc, adapted on defferent working conditions, further requirements please refer to the manufacture.
- Filter discs with high corrosion resistance, applicable for complex fluids.
- Low maintenance cost, reliable safe operation and long service life.



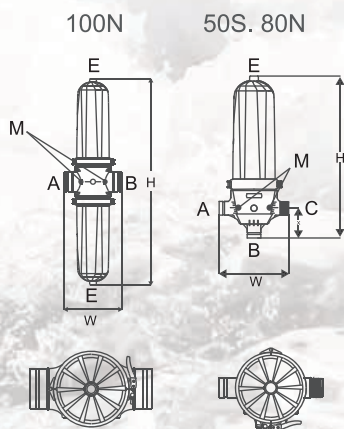
自动反冲洗过滤器系列 / AUTOMATIC BACK FLUSHING FILTER SERIES			过滤精度 / Filtration Grade	
型号 Model	接口规格 Connection	描述 Description	微米 Micron	目 Mesh
D600D50SL D600D50SM	90°卡口接口 / GROOVED 180°卡口接口 / GROOVED	2" 超大叠片过滤器单元 2" super disc filter unit	200	75
D600D80NL D600D80NM	90°卡口接口 / GROOVED 180°卡口接口 / GROOVED	3" 叠片过滤器单元 3" disc filter unit	130 100	120 150
D600D100NM	180°卡口接口 / GROOVED	4" 叠片过滤器单元 4" disc filter unit	50	300



邦沃特自动反冲洗过滤器水头损失表  
BOWNT BOD FILTER HEAD LOSS



型号 Model	接口规格 Connection			尺寸 Dimensions inch (mm)					重量 Weight (kg)
	A	B	C	E	M	H	W	X	
D600D50SL	2" VIC	2" VIC	2" BSP	3/4" BSP	1/4" BSP	28.46	12.2	5.27	9.7
D600D50SM	2" VIC	2" BSP	2" VIC						
D600D80NL	3" VIC	3" VIC	3" BSP	3/4" BSP	1/4" BSP	28.7	13.26	5.82	9.9
D600D80NM	3" VIC	3" BSP	3" VIC						
D600D100NM	4" VIC	4" VIC		3/4" BSP	1/4" BSP	47.24	13.42	341	24



叠片颜色 Disc Color	
<span style="color: green;">■</span>	200 微米 (75 目) 200 Micron (75 Mesh)
<span style="color: red;">■</span>	130 微米 (120 目) 130 Micron (120 Mesh)
<span style="color: yellow;">■</span>	100 微米 (150 目) 100 Micron (150 Mesh)
<span style="color: blue;">■</span>	50 微米 (300 目) 50 Micron (300 Mesh)

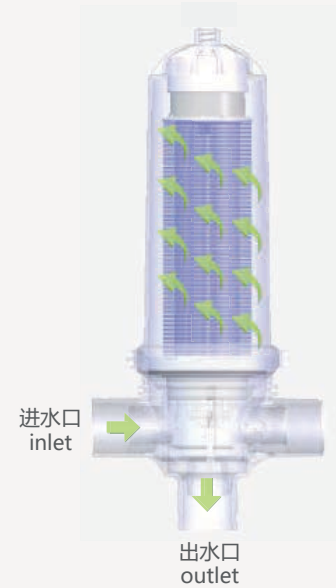
邦沃特 自动反冲洗过滤器 BOWNT Automatic Back flushing Filters	最大流量 Max. Flow gpm (m³/h)	过滤 面积 Filtration surface	最大 压力 Max. Pressure	最小流量 Min. Flow
		过滤阶段 Filtering		反冲洗阶段 Back flushing
		inch² (cm²)	psi (MPa)	gpm (l/s)
D600D50S	110 25	232.5 1500	145 1.0	47.55 3
D600D80N	154 35	232.5 1500	145 1.0	47.55 3
D600D100N	308 70	465 3000	145 1.0	95.1 6

# BOD 600自动单元的过滤过程和反洗过程原理

## PRINCIPLE OF FILTERING AND BACK FLUSHING

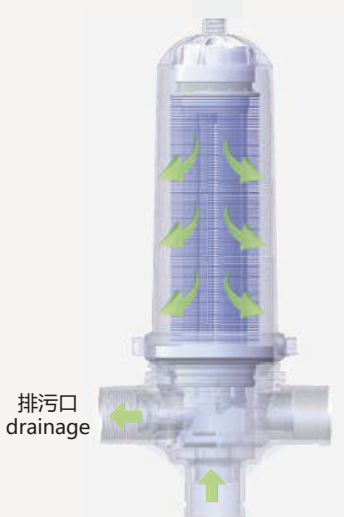
### 过滤阶段 / Filtering

- 过滤芯架上部活塞压紧叠片。
  - 水流由进水口进入。
  - 水流通过离心盘，水流的离心力将大颗粒杂质甩在内壁上，并集中于过滤单元顶部，携带少量杂质的水再通过叠片过滤，降低了叠片的清洗频率，达到了节水的效果。
  - 携带更少杂质的水继续通过压紧的叠片之间的缝隙进入到深层过滤，过滤后的干净水从叠片内腔流出到出水口
- Filter discs are compressed tightly in the filter element frame.
  - Water fills into the filter unit through the inlet manifold.
  - Feed water flows through the centrifugal disk, most particles in the water are thrown to the inner filter shell surface, and concentrated on the top, the rest particles intercepted on the discs surface during filtering, which greatly reduces the back flushing frequency and water consumption.
  - Water with less particles goes through the disc channels for a deep filtration, clean water through the inner disc passage flows to the outlet manifold.



### 反洗阶段 / Back flushing

- 反冲洗水流（过滤后的带压力水）从过滤芯架下部出水口吸入，过滤芯架上部活塞上提，叠片松散开
  - 反冲洗水流从过滤芯架柱体上的小孔喷射到散开的叠片上，使叠片产生横向旋转和纵向颤动运动，在叠片快速旋转过程中水流对叠片进行由内向外的彻底清洗，最后清洗水从排污口排出。
  - 反洗完成后活塞复位，压紧叠片，开始新一轮过滤
- Filtered water under the pressure reverses from the bottom of filter frame, lifts the top plunger and looses the discs.
  - Clean water sprays from the wholes in the filter element frame, spins and shakes the discs at a high speed for the purpose of rinse thoroughly, waste water after back flushing discharged from the drain line.
  - The top plunger returns to position to compress the discs once finished of a back flushing cycle, and filter unit begins filtration process.



## 邦沃特 BOD S(P) 2000 / 3000 系列自动反洗叠片过滤系统

- 过滤高效稳定，反洗水量极小
- 水力/气源驱动自动反洗
- 根据压差/定时进行自动反洗，反洗时系统不断流
- 可按空间模块化自由组合，节省占地
- 所有型号法兰连接标准可选择ANSI B16.5/DIN2576/GB9119
- 过滤精度可以选择50、100、130、200微米(其他精度可以咨询厂家)
- 叠片耐腐蚀性能强，适合复杂流体和环境
- 系统维护成本低，运行安全可靠，使用寿命长

## BOWNT BOD S(P) 2000 / 3000 SERIES AUTOMATIC BACK FLUSHING DISC FILTRATION SYSTEM

- Efficient filtration with low back flushing water consumption.
- Hydraulic / pneumatic drive automatic back flushing.
- Back flushing cycle can be activated by differential pressure & timing, without an interruption of filtration.
- Modular design for space saving, free combination according to the mounting space.
- Flange standard optional for ANSI B16.5 / DIN2576 / GB9119.
- Filtration grade optional for 50 / 100 / 130 / 200 micron etc, further requirements please refer to the manufacture.
- Filter discs with high corrosion resistance, applicable for complex fluids.
- Low maintenance cost, reliable safe operation and long service life.



BOD	产品型号 Model	最大流量 Max. Flow		滤头数 × 尺寸 Filter unit × size	进出水管 Inlet / Outlet	控制系统 Control Unit
		gpm	m³/h	inch	inch DN PN1.0	220V AC
BOD S(P) 2000	BOD S(P) 202/3F	220	50	2 x 2"	3" 80	BOD SC 102
	BOD S(P) 203/4F	330	75	3 x 2"	4" 100	BOD SC 103
	BOD S(P) 204/4F	440	100	4 x 2"	4" 100	BOD SC 104
	BOD S(P) 205/6F	550	125	5 x 2"	6" 150	BOD SC 105
BOD S(P) 3000	BOD S(P) 303/6F	462	105	3 x 3"	6" 150	BOD SC 103
	BOD S(P) 304/6F	616	140	4 x 3"	6" 150	BOD SC 104
	BOD S(P) 305/6F	770	175	5 x 3"	6" 150	BOD SC 105
	BOD S(P) 306/8F	924	210	6 x 3"	8" 200	BOD SC 106
	BOD S(P) 307/8F	1078	245	7 x 3"	8" 200	BOD SC 107
	BOD S(P) 308/8F	1232	280	8 x 3"	8" 200	BOD SC 108

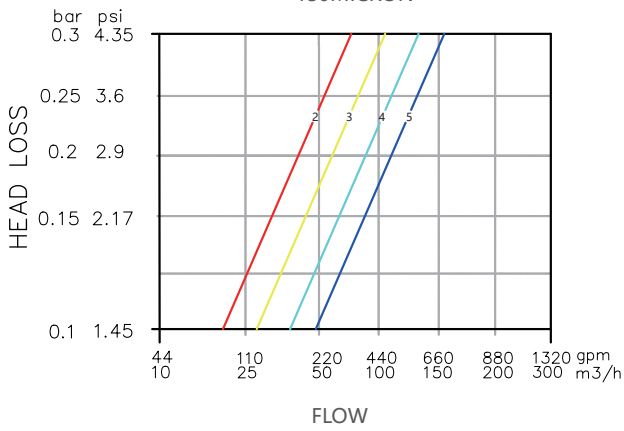


# BOWNT

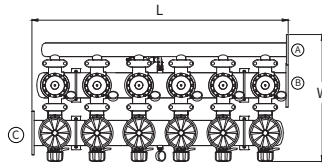
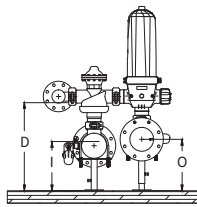
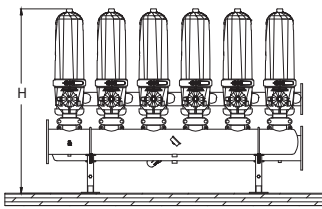
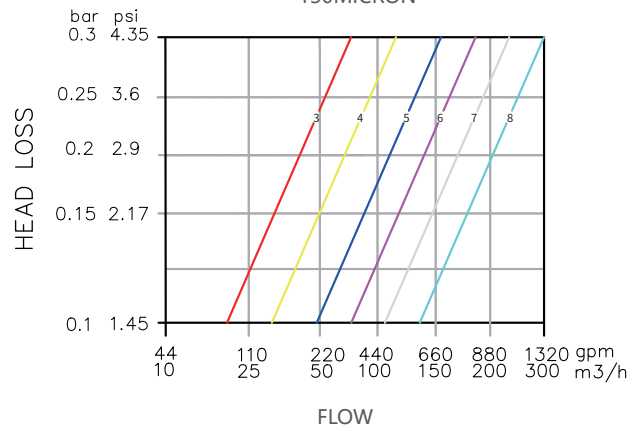
产品型号 Model	尺寸 Dimensions inch( mm )					
	L	W	H	I	O	D
BOD S(P) 202/3F	22.64 575	29.33 745	42.80 1087	10.08 256	10.63 270	19.61 498
BOD S(P) 203/4F	33.46 850	29.33 745	43.78 1112	10.59 269	11.18 284	20.59 523
BOD S(P) 204/4F	44.29 1125	29.33 745	43.78 1112	10.59 269	11.18 284	20.59 523
BOD S(P) 205/6F	55.12 1400	30.43 773	45.79 1163	11.61 295	12.17 309	22.60 574
BOD S(P) 303/6F	33.46 850	32.68 830	47.44 1205	11.61 295	13.27 337	24.25 616
BOD S(P) 304/6F	44.29 1125	32.68 830	47.44 1205	11.61 295	13.27 337	24.25 616
BOD S(P) 305/6F	55.12 1400	32.68 830	47.44 1205	11.61 295	13.27 337	24.25 616
BOD S(P) 306/8F	65.94 1675	33.07 840	49.57 1259	12.68 322	14.33 364	26.38 670
BOD S(P) 307/8F	76.77 1950	33.07 840	49.57 1259	12.68 322	14.33 364	26.38 670
BOD S(P) 308/8F	87.60 2225	33.07 840	49.57 1259	12.68 322	14.33 364	26.38 670



BOD 2000 HEAD LOSS  
130MICRON



BOD 3000 HEAD LOSS  
130MICRON



- Ⓐ 排污管 / Drainage manifold
- Ⓑ 进水管 / Inlet manifold
- Ⓒ 出水管 / Outlet manifold

## PURIFICATION IN ACTION

### 过滤单元基本参数 / Basic parameters for the filter unit

过滤单元 Filter unit		2" / 3"
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)	标准系列 / standard series (S) 36.25 (0.25) 低压系列 / low pressure series (P) 21.75 (0.15)
单元外壳材质 Filter shell material		玻璃纤维加强聚酰胺 glassfiber reinforced polyamide
叠片材质 Disc material		聚丙烯 PP
密封材料 Sealing material		天然橡胶+316不锈钢抱箍 rubber and ss316 clamp
反洗流量 Back flushing water consumption	gpm(l/s)	47.55 (3)
建议反洗压差 Advise back flushing DP	psi (MPa)	7.25 (0.05)
过滤面积 Filtration surface	inch <sup>2</sup> (cm <sup>2</sup> )	232.5 (1500)
重量 Weight	(kg)	9.7/9.9
PH		4-13
温度 Temperature	°F (°C)	32-140 (0-60)

## 邦沃特 BOD S(P) 4000 系列自动反洗叠片过滤系统

- 过滤高效稳定，反洗水量极小
- 水力/气源驱动自动反洗
- 根据压差/定时进行自动反洗，反洗时系统不断流
- 可按空间模块化自由组合，节省占地
- 所有型号法兰连接标准可选择ANSI B16.5/DIN2576/GB9119
- 过滤精度可以选择50、100、130、200微米(其他精度可以咨询厂家)
- 叠片耐腐蚀性能强，适合复杂流体和环境
- 系统维护成本低，运行安全可靠，使用寿命长



## BOWNT BOD S(P) 4000 SERIES AUTOMATIC BACK FLUSHING DISC FILTRATION SYSTEM

- Efficient filtration with low back flushing water consumption.
- Hydraulic / pneumatic drive automatic back flushing.
- Back flushing cycle can be activated by differential pressure & timing, without an interruption of filtration.
- Modular design for space saving, free combination according to the mounting space.
- Flange standard optional for ANSI B16.5 / DIN2576 / GB9119.
- Filtration grade optional for 50 / 100 / 130 / 200 micron etc, further requirements please refer to the manufacture.
- Filter discs with high corrosion resistance, applicable for complex fluids.
- Low maintenance cost, reliable safe operation and long service life.

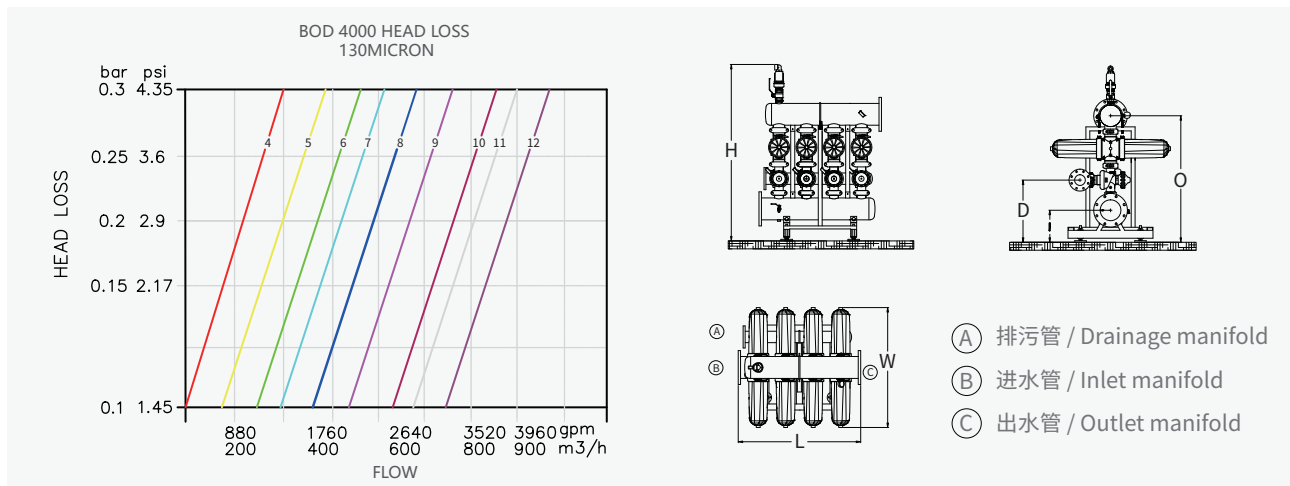
BOD	产品型号 Model	最大流量 Max. Flow		滤头数 × 尺寸 Filter unit × size	进水管 Inlet / Outlet	控制系统 Control Unit
		gpm	m <sup>3</sup> /h	inch	inch DN PN1.0	220V AC
BOD S(P) 4000	BOD S (P) 404/8F	968	220	4 × 4"	8" 200	BOD SC 104
	BOD S (P) 405/8F	1210	275	5 × 4"	8" 200	BOD SC 105
	BOD S (P) 406/8F	1452	330	6 × 4"	8" 200	BOD SC 106
	BOD S (P) 407/10F	1694	385	7 × 4"	10" 250	BOD SC 107
	BOD S (P) 408/10F	1936	440	8 × 4"	10" 250	BOD SC 108
	BOD S (P) 409/12F	2178	495	9 × 4"	12" 300	BOD SC 109
	BOD S (P) 410/12F	2420	550	10 × 4"	12" 300	BOD SC 110
	BOD S (P) 411/12F	2662	605	11 × 4"	12" 300	BOD SC 106
BOD S (P) 412/14F	2904	660	12 × 4"	14" 350	BOD SC 106	

注：更大流量的SS4000系列过滤系统，具体请咨询我公司。

NOTE: SS4000 series filtration system is available to meet with larger flowrate, please contact us for further requirements.



产品型号 Model	尺寸 Dimensions inch( mm )					
	L	W	H	I	O	D
BOD S (P) 404/8F	48.23 1225	47.24 1200	69.49 1765	12.60 320	49.84 1266	24.53 623
BOD S (P) 405/8F	59.26 1500	47.24 1200	69.49 1765	12.60 320	49.84 1266	24.53 623
BOD S (P) 406/8F	69.88 1775	47.24 1200	69.49 1765	12.60 320	49.84 1266	24.53 623
BOD S (P) 407/10F	80.71 2050	47.24 1200	73.82 1875	13.78 350	53.15 1350	26.77 680
BOD S (P) 408/10F	91.54 2325	47.24 1200	73.82 1875	13.78 350	53.15 1350	26.77 680
BOD S (P) 409/12F	107.28 2725	47.24 1200	78.35 1990	15.35 390	56.77 1442	29.69 754
BOD S (P) 410/12F	118.11 3000	47.24 1200	78.35 1990	15.35 390	56.77 1442	29.69 754
BOD S (P) 411/12F	128.94 3275	47.24 1200	78.35 1990	15.35 390	56.77 1442	29.69 754
BOD S (P) 412/14F	139.76 3550	47.24 1200	83.07 2110	17.32 440	60.87 1546	32.52 826



## 过滤单元基本参数 / Basic parameters for the filter unit

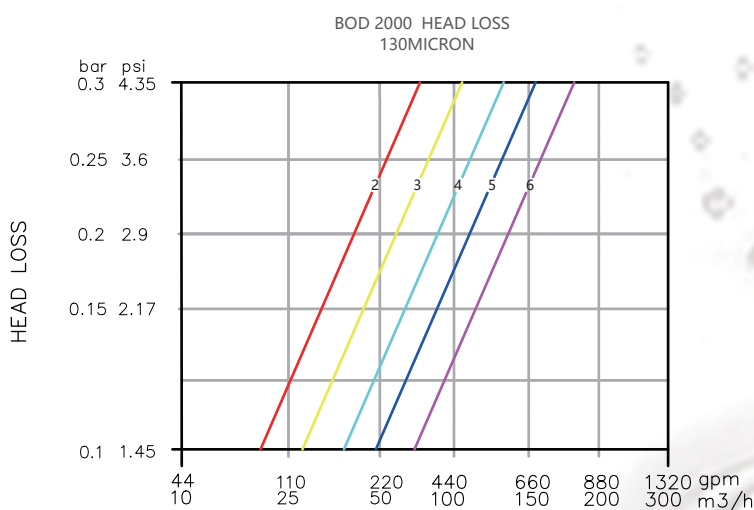
过滤单元 Filter unit		4"
最大工作压力 Max. working pressure	psi (MPa)	145 (1.0)
最小反洗压力 Min. back flushing pressure	psi (MPa)	标准系列 / standard series (S) 36.25 (0.25) 低压系列 / low pressure series (P) 21.75 (0.15)
单元外壳材质 Filter shell material		玻璃纤维增强聚酰胺 glassfiber reinforced polyamide
叠片材质 Disc material		聚丙烯 PP
密封材料 Sealing material		天然橡胶+316不锈钢抱箍 rubber and ss316 clamp
反洗流量 Back flushing water consumption	gpm(l/s)	95.1(6)
建议反洗压差 Advise back flushing DP	psi (MPa)	7.25(0.05)
过滤面积 Filtration surface	inch <sup>2</sup> (cm <sup>2</sup> )	465(3000)
重量 Weight	(kg)	24
PH		4-13
温度 Temperature	°F (°C)	32-140(0-60)

## 邦沃特 BOD Q 2000 系列外源自动反洗叠片过滤系统

- 过滤高效稳定，反洗水量极小
- 外接水力/气源驱动自动反洗
- 根据压差/定时进行自动反洗，反洗时系统不断流
- 可按空间模块化自由组合，节省占地
- 所有型号法兰连接标准可选择ANSI B16.5/DIN2576/GB9119
- 过滤精度可以选择50、100、130、200微米(其他精度可以咨询厂家)
- 叠片耐腐蚀性能强，适合复杂流体和环境
- 系统维护成本低，运行安全可靠，使用寿命长

## BOWNT BOD Q 2000 SERIES AUTOMATIC BACK FLUSHING DISC FILTRATION SYSTEM

- Efficient filtration with low back flushing water consumption.
- Hydraulic / pneumatic drive automatic back flushing.
- Back flushing cycle can be activated by differential pressure & timing, without an interruption of filtration.
- Modular design for space saving, free combination according to the mounting space.
- Flange standard optional for ANSI B16.5 / DIN2576 / GB9119.
- Filtration grade optional for 50 / 100 / 130 / 200 micron etc, further requirements please refer to the manufacture.
- Filter discs with high corrosion resistance, applicable for more complex fluids.
- Low maintenance cost, reliable safe operation and long service life.





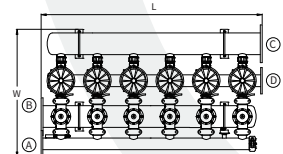
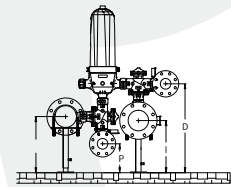
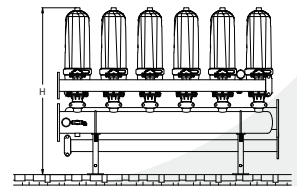
BOD	产品型号 Model	最大流量 Max. Flow		滤头数 × 尺寸 Filter unit × size	进出水管 Inlet / Outlet	控制系统 Control Unit
		gpm	m <sup>3</sup> /h	inch	inch DN PN1.0	220V AC
BOD Q 2000	BOD Q 202/3F	220	50	2 x 2"	3" 80	BOD SC 102
	BOD Q 203/4F	330	75	3 x 2"	4" 100	BOD SC 103
	BOD Q 204/4F	440	100	4 x 2"	4" 100	BOD SC 104
	BOD Q 205/6F	550	125	5 x 2"	6" 150	BOD SC 105
	BOD Q 206/6F	660	150	6 x 2"	6" 150	BOD SC 106

产品型号 Model	尺寸 Dimensions inch( mm )						
	L	W	H	I	O	D	P
BOD Q 202/3F	22.64 575	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD Q 203/4F	33.46 850	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD Q 204/4F	44.29 1125	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD Q 205/6F	55.12 1400	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD Q 206/6F	65.94 1675	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219

## PURIFICATION IN CATION

### 过滤单元基本参数 / Basic parameters for the filter unit

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
叠片材质 Disc material		聚丙烯 PP
密封材料 Sealing material		天然橡胶+316不锈钢抱箍 rubber and ss316 clamp
反洗流量 Back flushing water consumption	gpm(l/s)	47.55(3)
建议反洗压差 Advise back flushing DP	psi (MPa)	7.25(0.05)
过滤面积 Filtration surface	inch <sup>2</sup> (cm <sup>2</sup> )	232.5(1500)
重量 Weight	(kg)	9.7
PH		4-13
温度 Temperature	°F (°C)	32-140(0-60)



- Ⓐ 排污管 / Drainage manifold
- Ⓑ 进水管 / Inlet manifold
- Ⓒ 出水管 / Outlet manifold
- Ⓓ 压力管 / Inlet pressure manifold

## 邦沃特 BOD Q 4000 系列外源自动反洗叠片过滤系统

- 过滤高效稳定，反洗水量极小
- 外接水力/气源驱动自动反洗
- 根据压差/定时进行自动反洗，反洗时系统不断流
- 可按空间模块化自由组合，节省占地
- 所有型号法兰连接标准可选择ANSI B16.5/DIN2576/GB9119
- 过滤精度可以选择50、100、130、200微米(其他精度可以咨询厂家)
- 叠片耐腐蚀性能强，适合复杂流体和环境
- 系统维护成本低，运行安全可靠，使用寿命长

## BOWNT BOD Q 4000 SERIES AUTOMATIC BACK FLUSHING DISC FILTRATION SYSTEM

- Efficient filtration with low back flushing water consumption.
- Hydraulic / pneumatic drive automatic back flushing.
- Back flushing cycle can be activated by differential pressure & timing, without an interruption of filtration.
- Modular design for space saving, free combination according to the mounting space.
- Flange standard optional for ANSI B16.5 / DIN2576 / GB9119.
- Filtration grade optional for 50 / 100 / 130 / 200 micron etc, further requirements please refer to the manufacture.
- Filter discs with high corrosion resistance, applicable for complex fluids.
- Low maintenance cost, reliable safe operation and long service life.

### 过滤单元基本参数 / Basic parameters for the filter unit

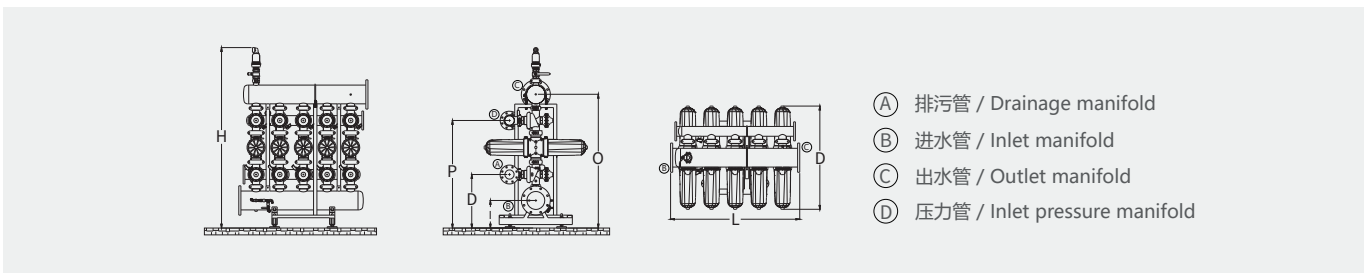
过滤单元 Filter unit		4"
最大工作压力 Max. working pressure	psi (MPa)	145 (1.0)
最小反洗压力 Min. back flushing pressure	psi (MPa)	36.25(0.25)
单元外壳材质 Filter shell material		玻璃纤维加强聚酰胺 glassfiber reinforced polyamide
叠片材质 Disc material		聚丙烯 PP
密封材料 Sealing material		天然橡胶+316不锈钢抱箍 rubber and ss316 clamp
反洗流量 Back flushing water consumption	gpm(l/s)	95.1(6)
建议反洗压差 Advise back flushing DP	psi (MPa)	7.25(0.05)
过滤面积 Filtration surface	inch <sup>2</sup> (cm <sup>2</sup> )	465(3000)
重量 Weight	(kg)	24
PH		4-13
温度 Temperature	°F (°C)	32-140(0-60)



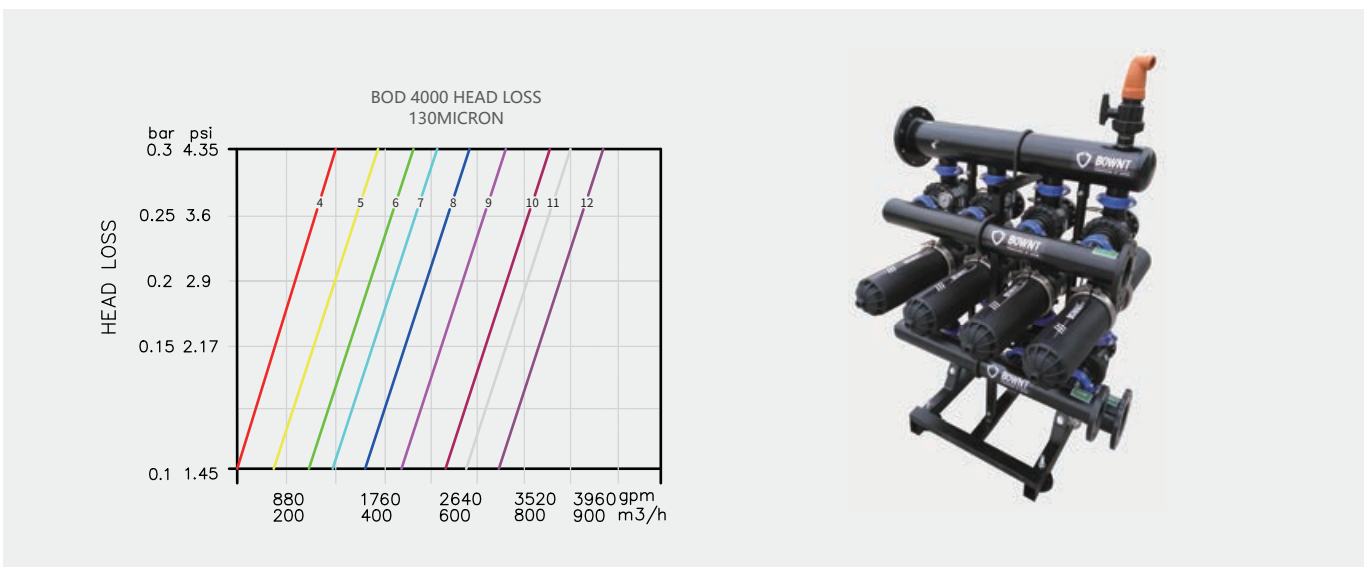
BOD	产品型号 Model	最大流量 Max. Flow		滤头数×尺寸 Filter unit × size	进出水管 Inlet / Outlet	控制系统 Control Unit
		gpm	m <sup>3</sup> /h	inch	inch DN PN1.0	220V AC
BOD Q 4000	BOD Q 404/8F	968	220	4 x 4 "	8" 200	BOD SC 104
	BOD Q 405/8F	1210	275	5 x 4 "	8" 200	BOD SC 105
	BOD Q 406/8F	1452	330	6 x 4 "	8" 200	BOD SC 106
	BOD Q 407/10F	1694	385	7 x 4 "	10" 250	BOD SC 107
	BOD Q 408/10F	1936	440	8 x 4 "	10" 250	BOD SC 108
	BOD Q 409/12F	2178	495	9 x 4 "	12" 300	BOD SC 109
	BOD Q 410/12F	2420	550	10 x 4 "	12" 300	BOD SC 110
	BOD Q 411/12F	2662	605	11 x 4 "	12" 300	BOD SC 106
	BOD Q 412/14F	2904	660	12 x 4 "	14" 350	BOD SC 106

注：更大流量的QS4000系列过滤系统，具体请咨询我公司。

NOTE: QS4000 series filtration system is available to meet with larger flowrate, please contact us for further requirements.



产品型号 Model	尺寸 Dimensions inch( mm )						
	L	W	H	I	O	D	P
BOD Q 404/8F	48.23 1225	47.24 1200	82.56 2097	12.60 320	61.18 1554	24.53 623	49.21 1250
BOD Q 405/8F	59.06 1500	47.24 1200	82.56 2097	12.60 320	61.18 1554	24.53 623	49.21 1250
BOD Q 406/8F	69.88 1775	47.24 1200	82.56 2097	12.60 320	61.18 1554	24.53 623	49.21 1250
BOD Q 407/10F	85.63 2175	47.24 1200	87.01 2210	13.78 350	64.41 1636	26.77 680	51.46 1307
BOD Q 408/10F	96.46 2450	47.24 1200	87.01 2210	13.78 350	64.41 1636	26.77 680	51.46 1307
BOD Q 409/12F	107.28 2725	47.24 1200	89.57 2275	15.35 390	67.99 1727	29.33 745	52.83 1342
BOD Q 410/12F	118.11 3000	47.24 1200	89.57 2275	15.35 390	67.99 1727	29.33 745	52.83 1342
BOD Q 411/12F	128.94 3275	47.24 1200	89.57 2275	15.35 390	67.99 1727	29.33 745	52.83 1342
BOD Q 412/14F	139.76 3550	47.24 1200	92.44 2348	15.98 406	69.96 1777	30.59 777	52.83 1342



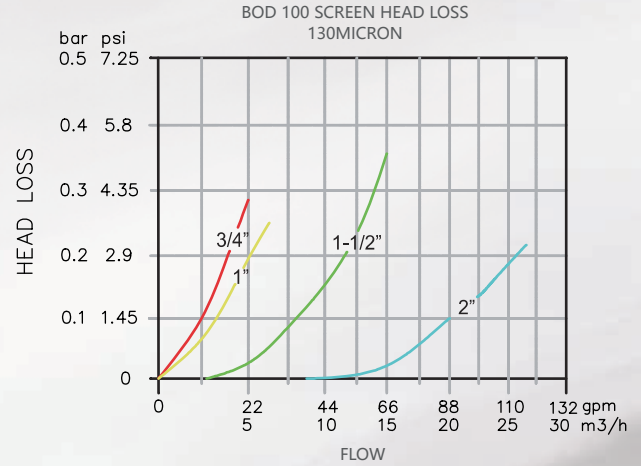
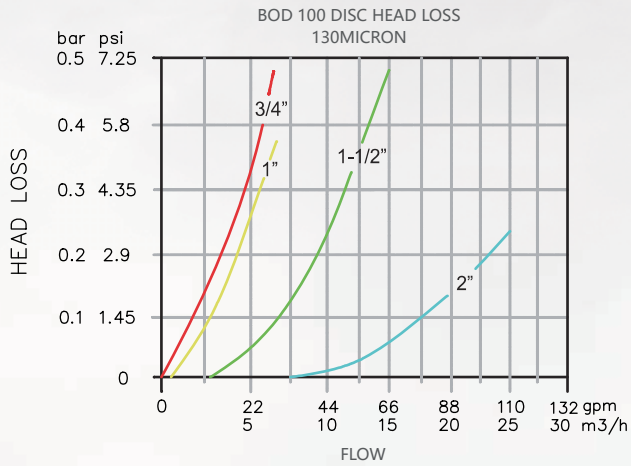
## 邦沃特 BOD 100 系列过滤器

- 过滤形式多样，滤芯分为叠片和网式两种
- 规格齐全，有3/4"，1"，1-1/2"，2" 多种规格
- 壳体材质为高性能工程塑料，坚固耐用，最大承压可达 116psi / 0.8MPa
- 壳体端口设计为螺纹接口，安装便捷，可快速拆卸排污
- 设计压力表接口，可方便安装压力表

## BOWNT BOD 100 SERIES FILTER

- Various filters optional for disc and screen elements.
- Complete specifications, 3/4", 1", 1-1/2", 2" .
- Filter shell is made of glass fiber reinforced nylon, sturdy and durable, with maximum pressure up to 116psi / 0.8MPa .
- Threaded connections for easy installation, filter can be quickly removed and cleaned.
- Design with pressure gauge connection for convenient usage.





BOD 规格型号 Model	接口尺寸 Connection		产品尺寸 Dimensions inch( mm )			重量 Weight ( g )
	A	B	W	X	D	
D100D20B130 D100D20N130	3/4" BSP 3/4" NPT	3/4" BSP 3/4" NPT	6.77 172	4.33 110	7.44 189	276
D100D25B130 D100D25N130	1" BSP 1" NPT	1" BSP 1" NPT	7.2 183	4.33 110	7.68 195	282
D100D40B130 D100D40N130	1-1/2" BSP 1-1/2" NPT	1-1/2" BSP 1-1/2" NPT	8.3 211	4.8 122	9.13 232	392
D100D50B130 D100D50N130	2" BSP 2" NPT	2" BSP 2" NPT	9.6 244	6.73 171	12.28 312	650
D100S20B130 D100S20N130	3/4" BSP 3/4" NPT	3/4" BSP 3/4" NPT	6.77 172	4.33 110	7.44 189	196
D100S25B130 D100S25N130	1" BSP 1" NPT	1" BSP 1" NPT	7.2 183	4.33 110	7.68 195	198
D100S40B130 D100S40N130	1-1/2" BSP 1-1/2" NPT	1-1/2" BSP 1-1/2" NPT	8.3 211	4.8 122	9.13 232	312
D100S50B130 D100S50N130	2" BSP 2" NPT	2" BSP 2" NPT	9.6 244	6.73 171	12.28 312	570



接口尺寸 Connection	最大流量 Max. Flow		过滤面积 Filtration surface		最大承压 Max. Pressure
	叠片式 Disc	网式 Screen	叠片式 Disc	网式 Screen	
	gpm ( m³/h )		inch² ( cm² )		psi ( MPa )
3/4"	17.6 4	22 5	24.18 156	19.53 126	116 0.8
1"	22 5	26.4 6	24.18 156	19.53 126	
1-1/2"	52.8 12	61.6 14	31.93 206	27.9 180	
2"	96.8 22	105.6 24	56.11 362	50.84 328	

<b>壳体材质</b> Material for filter shell
叠片式过滤器壳体材质: PP Polypropylene ( Disc Filter )
网式过滤器壳体材质 Polypropylene ( Screen Filter )

<b>滤芯材质</b> Material for cartridge
叠片式滤芯材质: PP Polypropylene
网式滤芯材质: S.S.304 Stainless steel 304

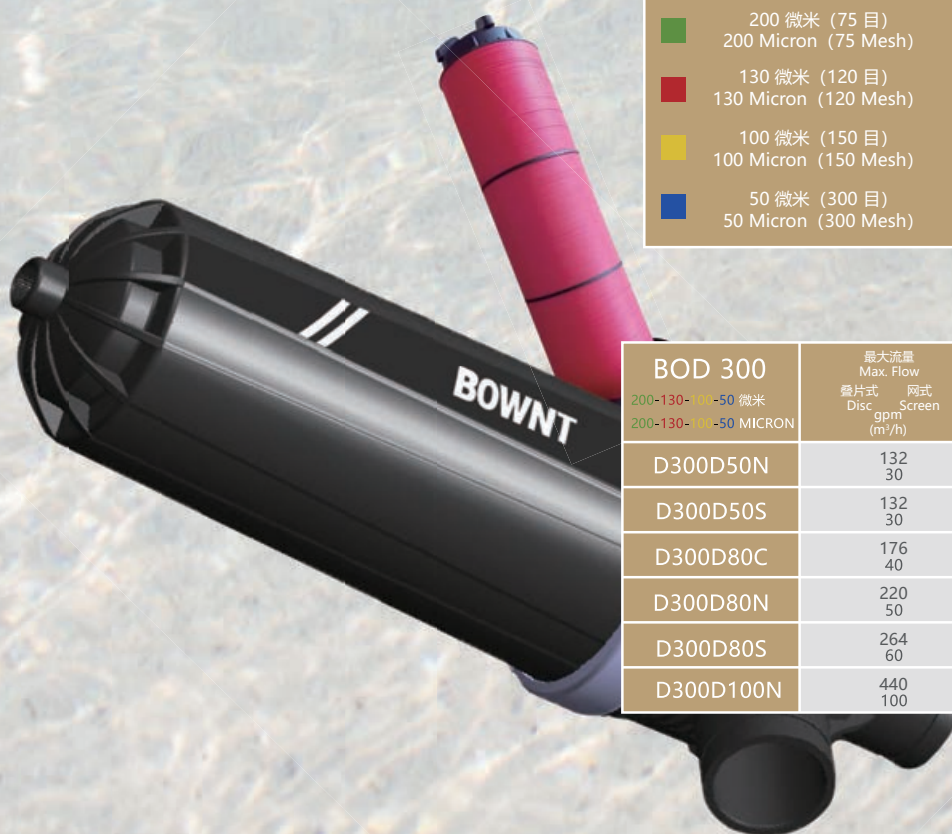


## 邦沃特 BOD 300 系列过滤器

- 过滤形式和过滤精度多样，滤芯分为叠片和不锈钢滤网两种
- 过滤精度准确，设计结构合理，过滤效果稳定，出水性能安全可靠
- 壳体材质为尼龙增强玻纤，坚固耐用，最大承压可达 145psi / 1.0MPa
- 壳体端口多种快装接口设计，模块化组合，安装便捷，可快速拆卸更换
- 多种安装位置及形式，不需要绝对垂直或水平
- 自带压力检测和顶部排水接口，方便使用
- 无需外接电源，自动出水

## BOWNT BOD 300 SERIE FILTER

- Various filters optional for disc and screen elements.
- Accurate filtration grade and perfect structure design make it stable and safe filtration.
- Filter shell is made of glass fiber reinforced nylon, sturdy and durable, with maximum pressure up to 1.0MPa / 145psi.
- Various quick-connections can be modular combined, easy installation and quick replacement.
- Multiple mounting locations and types, free of absolutely vertical or horizontal.
- Design with pressure detection and top drainage connections for convenient usage.
- Automatic filtration, free of external power.



叠片颜色 Disc Color	
<span style="color: green;">■</span>	200 微米 (75 目) 200 Micron (75 Mesh)
<span style="color: red;">■</span>	130 微米 (120 目) 130 Micron (120 Mesh)
<span style="color: yellow;">■</span>	100 微米 (150 目) 100 Micron (150 Mesh)
<span style="color: blue;">■</span>	50 微米 (300 目) 50 Micron (300 Mesh)

滤网骨架颜色 Screen frame color	
<span style="color: green;">■</span>	200 微米 (75 目) 200 Micron (75 Mesh)
<span style="color: red;">■</span>	130 微米 (120 目) 130 Micron (120 Mesh)
<span style="color: yellow;">■</span>	100 微米 (150 目) 100 Micron (150 Mesh)
<span style="color: blue;">■</span>	50 微米 (300 目) 50 Micron (300 Mesh)

BOD 300 200-130-100-50 微米 200-130-100-50 MICRON	最大流量 Max. Flow		过滤面积 Filtration surface		最大压力 Max. pressure psi (bar)
	叠片式 Disc gpm (m <sup>3</sup> /h)	网式 Screen	叠片式 Disc inch (cm <sup>2</sup> )	网式 Screen	
D300D50N	132 30		186 1200	137.95 890	145/1.0
D300D50S	132 30		265 1710	173.6 1120	
D300D80C	176 40		186 1200	137.95 890	
D300D80N	220 50		265 1710	173.6 1120	
D300D80S	264 60		530.1 3420	347.2 2240	
D300D100N	440 100		530.1 3420	347.2 2240	



# 邦沃特 BOD 300 手动过滤单元规格

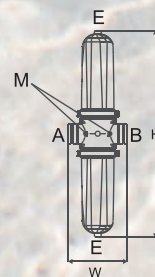
## BOWNT BOD 300 SERIES FILTER SPECIFICATION

型号 Model	接口规格 Connection			尺寸 Dimensions inch (mm)					重量 Weight (kg)
	A	B	C	E	M	H	W	X	
D300D50NN D300D50NB D300D50NL D300D50NM	2" NPT 2" BSP 2" VIC 2" VIC	2" NPT 2" BSP 2" VIC 2" BSP	2" NPT 2" BSP 2" BSP 2" VIC	3/4" BSP	1/4" BSP	23.58 599	12.2 310	5.27 134	7.62
D300D50SN D300D50SB D300D50SL D300D50SM	2" NPT 2" BSP 2" VIC 2" VIC	2" NPT 2" BSP 2" VIC 2" BSP	2" NPT 2" BSP 2" BSP 2" VIC	3/4" BSP	1/4" BSP	28.46 723	12.2 310	5.27 134	9
D300D80CN D300D80CB D300D80CL D300D80CM	3" NPT 3" BSP 3" VIC 3" VIC	3" NPT 3" BSP 3" VIC 3" BSP	3" NPT 3" BSP 3" BSP 3" VIC	3/4" BSP	1/4" BSP	23.81 605	13.26 337	5.82 148	7.8
D300D80NN D300D80NB D300D80NL D300D80NM	3" NPT 3" BSP 3" VIC 3" VIC	3" NPT 3" BSP 3" VIC 3" BSP	3" NPT 3" BSP 3" BSP 3" VIC	3/4" BSP	1/4" BSP	28.7 729	13.26 337	5.82 148	9.2
D300D80SM	3" VIC	3" VIC		3/4" BSP	1/4" BSP	47.24 1200	13.42 341		21
D300D100NM	4" VIC	4" VIC		3/4" BSP	1/4" BSP	47.24 1200	13.42 341		24

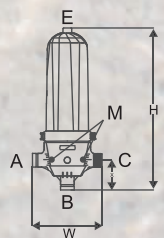


部件名称 Parts	部件材质 Material ( 2N. 2S. 3C. 3N. 3S. 4N )
外壳 Filter shell	增强尼龙加玻纤 glassfiber reinforced nylon
叠片 Disc	聚丙烯 ( PP ) Polypropylene
密封件 Sealing	不锈钢抱箍、天然橡胶 stainless steel hoop clamp and natural rubber
支架 Bracket	增强尼龙加玻纤 glassfiber reinforced nylon
滤网部件 Screen	不锈钢 ( ss304 ) stainless steel 304

80S. 100N



50N. 50S. 80C. 80N





**BOWNT**





**PURIFICATION IN ACTION**

# BOWNT

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