



**BOWNT**  
PURIFICATION IN ACTION

## BOWNT BOD X 2000系列气水混合反洗叠片过滤系统

- 过滤高效稳定，反洗时间更短，反洗水量极小
- 气源驱动，进水压力要求低，降低了系统能耗
- 气水混合反洗更彻底更干净，适应粘性胶体、纤维颗粒等复杂流体和环境
- 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微米等（其他精度可以咨询厂家）
- 系统维护成本低，运行安全可靠，使用寿命长



## BOWNT BOD X 2000 SERIES DISC FILTRATION SYSTEM MIXED BACK FLUSHING OF AIR AND WATER

- Efficient filtration with low back flushing water consumption and short time.
- Pneumatic drive automatic back flushing, lower feed pressure requirements and lower system power consumption.
- Mixed back flushing of air and water make it clean thoroughly and applicable for complex fluid such as viscous colloid, fiber particles, etc.
- 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.
- Low maintenance cost, reliable safe operation and long service life.

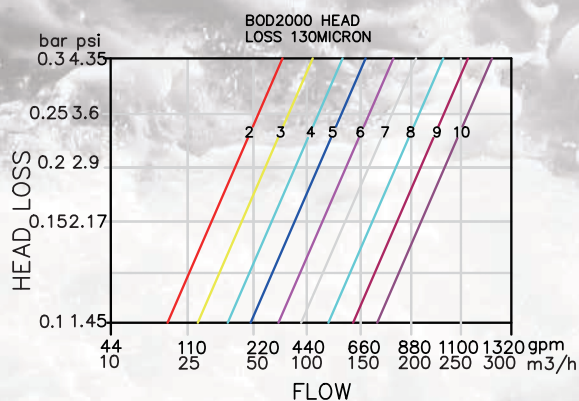
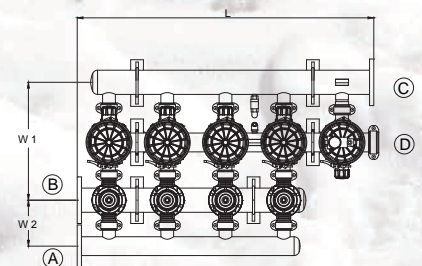
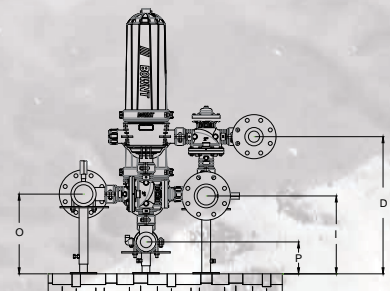
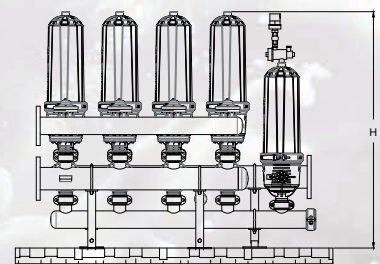
BOD	产品型号 Model	最大流量 Max. Flow		滤头数 × 尺寸 Filter unit × size	进出水管 Inlet / Outlet	控制系统 Control Unit
		gpm	m <sup>3</sup> /h			
BOD X 2000	BOD X 202/3F	220	50	2 x 2"	3" 80	BOA N 103
	BOD X 203/4F	330	75	3 x 2"	4" 100	BOA N 104
	BOD X 204/4F	440	100	4 x 2"	4" 100	BOA N 105
	BOD X 205/6F	550	125	5 x 2"	6" 150	BOA N 106
	BOD X 206/6F	660	150	6 x 2"	6" 150	BOA N 107
	BOD X 207/6F	770	175	7 x 2"	6" 150	BOA N 108
	BOD X 208/8F	880	200	8 x 2"	8" 200	BOA N 109
	BOD X 209/8F	990	225	9 x 2"	8" 200	BOA N 110
	BOD X 210/8F	1100	250	10 x 2"	8" 200	BOA N 111

气水混合反洗，气源压力0.3-0.6MPa。AIR ASSISTED BACKWASHING, COMPRESSED AIR PRESSURE 0.3-0.6MPa.

产品型号 Model	尺寸 Dimensions inch( mm )						
	L	W	H	I	O	D	P
BOD X 202/3F	33.46 850	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD X 203/4F	44.29 1125	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD X 204/4F	55.12 1400	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD X 205/6F	65.94 1675	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD X 206/6F	76.77 1950	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD X 207/6F	87.60 2225	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD X 208/8F	98.43 2500	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD X 209/8F	109.25 2775	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219
BOD X 210/8F	120.08 3050	38.11 968	49.72 1263	15.55 395	16.73 425	26.54 674	8.62 219

## 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)	2.61(0.03)
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)



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

