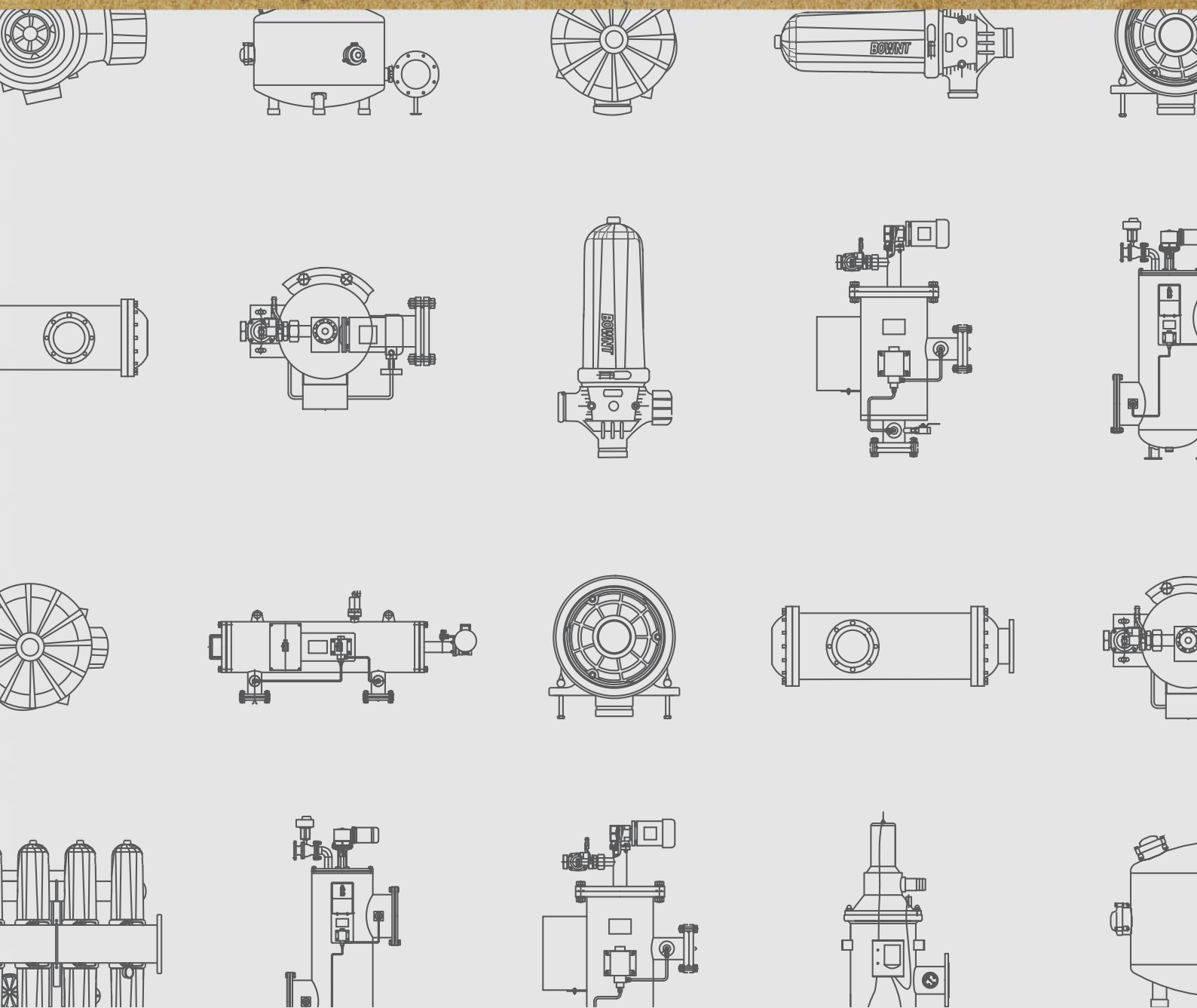




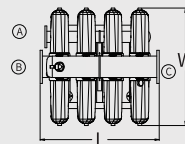
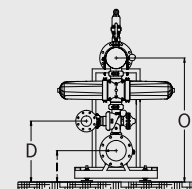
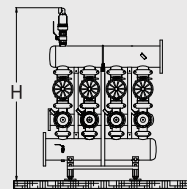
BOWNT

BOD-P4000



BOWNT BOD 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.

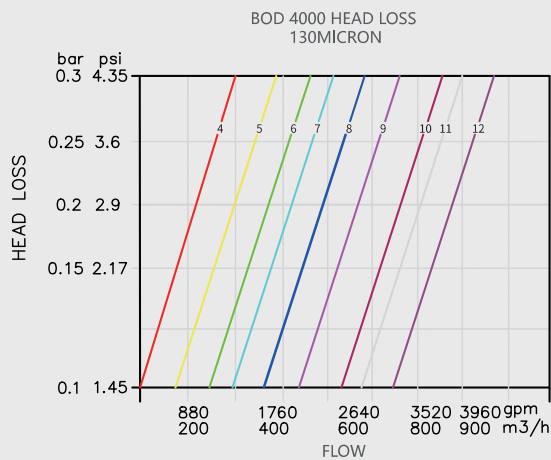


- Ⓐ Drainage manifold
- Ⓑ Inlet manifold
- Ⓒ Outlet manifold

BOD	Model	Max. Flow		Filter unit × size	Inlet / Outlet	Control Unit
		gpm	m ³ /h			
BOD P 4000	BOD P 404/8F	968	220	4 × 4"	8" 200	BOD SC 104
	BOD P 405/8F	1210	275	5 × 4"	8" 200	BOD SC 105
	BOD P 406/8F	1452	330	6 × 4"	8" 200	BOD SC 106
	BOD P 407/10F	1694	385	7 × 4"	10" 250	BOD SC 107
	BOD P 408/10F	1936	440	8 × 4"	10" 250	BOD SC 108
	BOD P 409/12F	2178	495	9 × 4"	12" 300	BOD SC 109
	BOD P 410/12F	2420	550	10 × 4"	12" 300	BOD SC 110
	BOD P 411/12F	2662	605	11 × 4"	12" 300	BOD SC 106
	BOD P 412/14F	2904	660	12 × 4"	14" 350	BOD SC 106

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

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



Basic parameters for the filter unit

Filter unit		4"
Max. working pressure	psi (MPa)	145 (1.0)
Min. back flushing pressure	psi (MPa)	standard series (S) 36.25 (0.25) low pressure series (P) 21.75 (0.15)
Filter shell material		glassfiber reinforced polyamide
Disc material		PP
Sealing material		rubber and ss316 clamp
Back flushing water consumption	gpm(l/s)	95.1(6)
Advise back flushing DP	psi (MPa)	7.25(0.05)
Filtration surface	inch ² (cm ²)	465(3000)
Weight	(kg)	24
PH		4-13
Temperature	°F (°C)	32-140(0-60)

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