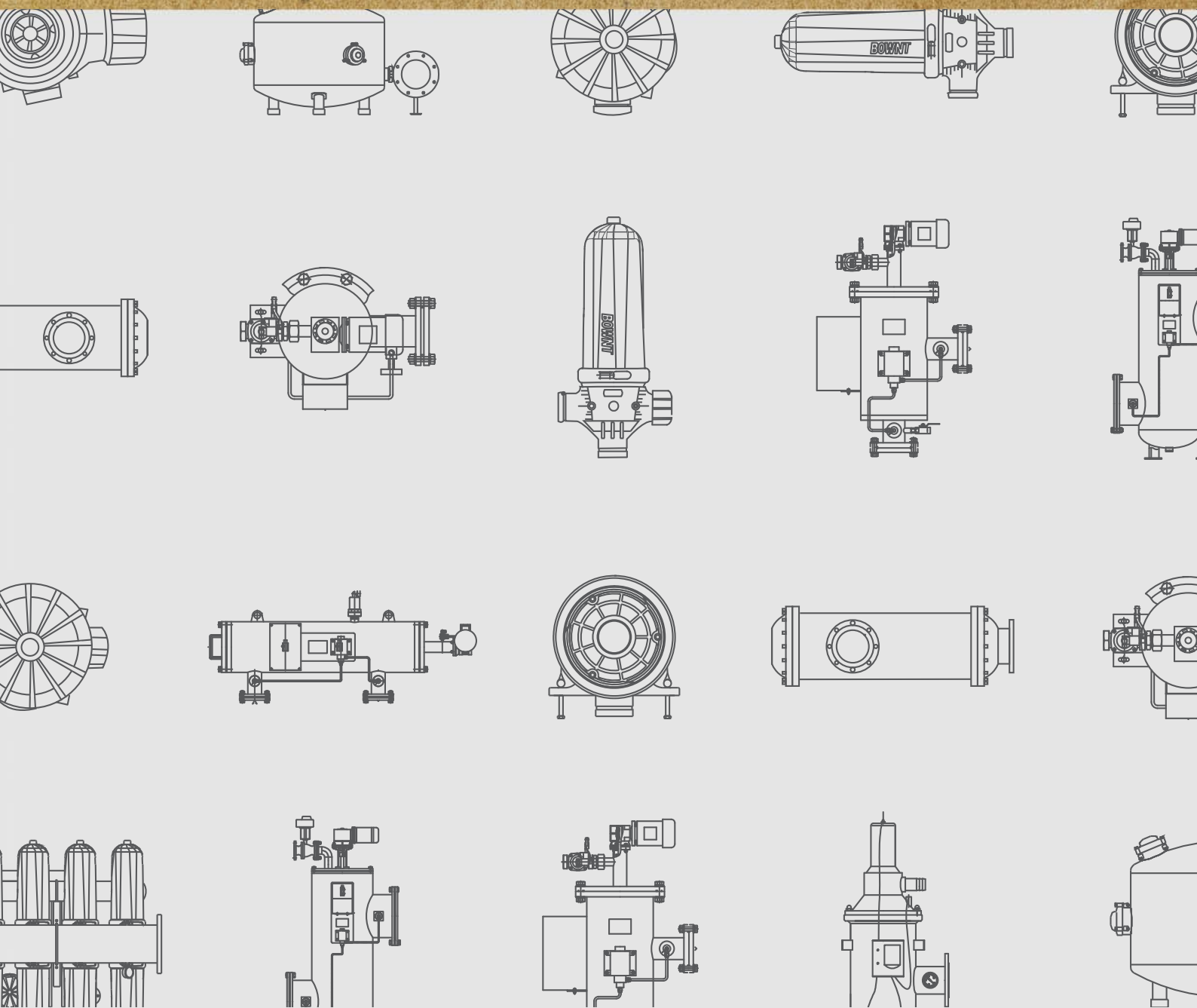




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BOD-S3000

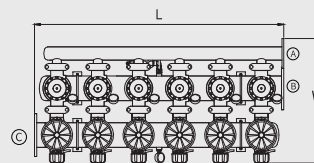
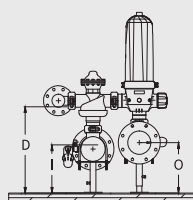
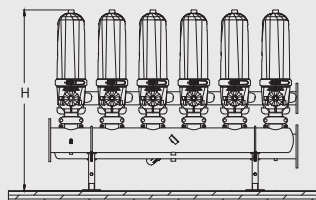


BOWNT BOD S 3000 SERIES AUTOMATIC BACK FLUSHING DISC FILTRATION SYSTEM

- 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.

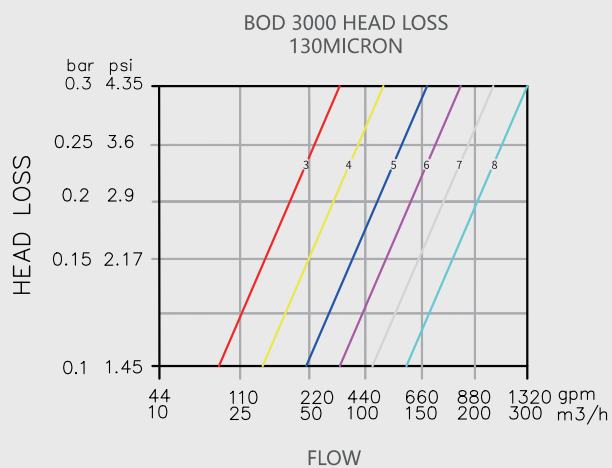


BOD	Model	Max. Flow		Filter unit × size	Inlet / Outlet	Control Unit
		gpm	m ³ /h	inch	inch DN PN1.0	220V AC
BOD S 3000	BOD S 303/6F	462	105	3 x 3"	6" 150	BOD SC 103
	BOD S 304/6F	616	140	4 x 3"	6" 150	BOD SC 104
	BOD S 305/6F	770	175	5 x 3"	6" 150	BOD SC 105
	BOD S 306/8F	924	210	6 x 3"	8" 200	BOD SC 106
	BOD S 307/8F	1078	245	7 x 3"	8" 200	BOD SC 107
	BOD S 308/8F	1232	280	8 x 3"	8" 200	BOD SC 108



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

Model	Dimensions inch(mm)					
	L	W	H	I	O	D
BOD S 303/6F	33.46 850	32.68 830	47.44 1205	11.61 295	13.27 337	24.25 616
BOD S 304/6F	44.29 1125	32.68 830	47.44 1205	11.61 295	13.27 337	24.25 616
BOD S 305/6F	55.12 1400	32.68 830	47.44 1205	11.61 295	13.27 337	24.25 616
BOD S 306/8F	65.94 1675	33.07 840	49.57 1259	12.68 322	14.33 364	26.38 670
BOD S 307/8F	76.77 1950	33.07 840	49.57 1259	12.68 322	14.33 364	26.38 670
BOD S 308/8F	87.60 2225	33.07 840	49.57 1259	12.68 322	14.33 364	26.38 670



Basic parameters for the filter unit

Filter unit		2" / 3"
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)	47.55 (3)
Advise back flushing DP	psi (MPa)	7.25 (0.05)
Filtration surface	inch ² (cm ²)	232.5 (1500)
Weight	(kg)	9.7/9.9
PH		4-13
Temperature	°F (°C)	32-140 (0-60)

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