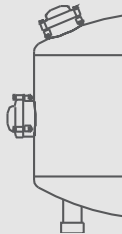
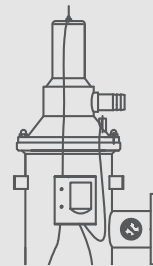
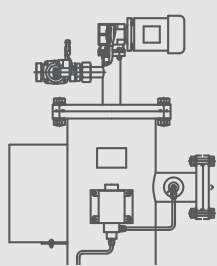
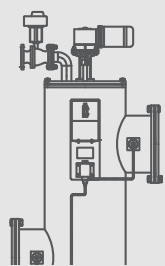
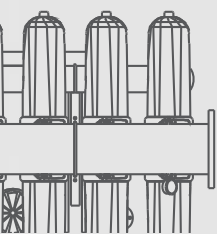
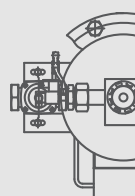
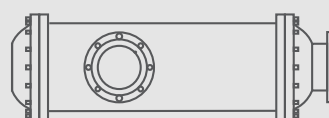
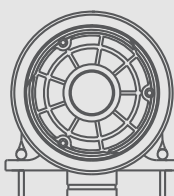
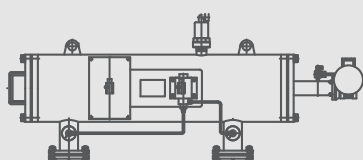
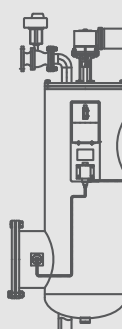
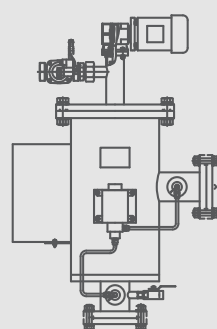
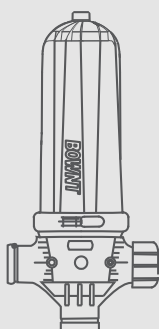
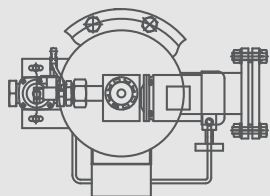
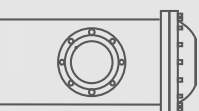
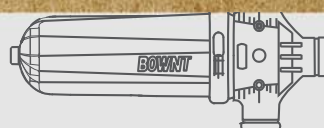
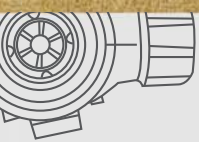




BOWNT

BOD-Q4000



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.

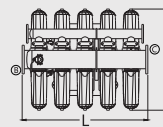
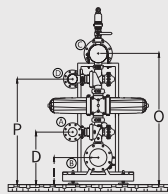
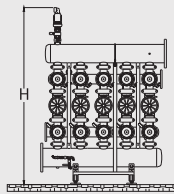
Basic parameters for the filter unit

Filter unit		4"
Max. working pressure	psi (MPa)	145 (1.0)
Min. back flushing pressure	psi (MPa)	36.25(0.25)
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)

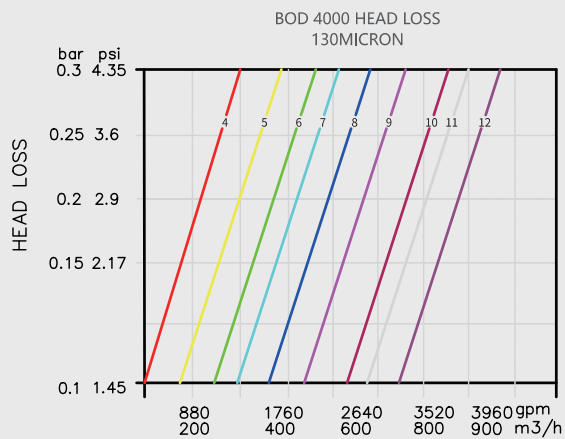
BOD	Model	Max. Flow		Filter unit × size	Inlet / Outlet	Control Unit
		gpm	m ³ /h			
BOD Q 4000	BOD Q 404/8F	968	220	4 x 4 "	8" 200	BOD SC 104
	BOD Q 405/8F	1210	275	5 x 4 "	8" 200	BOD SC 105
	BOD Q 406/8F	1452	330	6 x 4 "	8" 200	BOD SC 106
	BOD Q 407/10F	1694	385	7 x 4 "	10" 250	BOD SC 107
	BOD Q 408/10F	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

NOTE: QS4000 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	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



- (A) Drainage manifold
- (B) Inlet manifold
- (C) Outlet manifold
- (D) Inlet pressure manifold



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