



BOS-ESV series electric suction self-cleaning screen filter, vertical type.

BOS-ESV es filtro de malla autolimpiante por aspiración, eléctrico, con instalación vertical.

## Technical Data

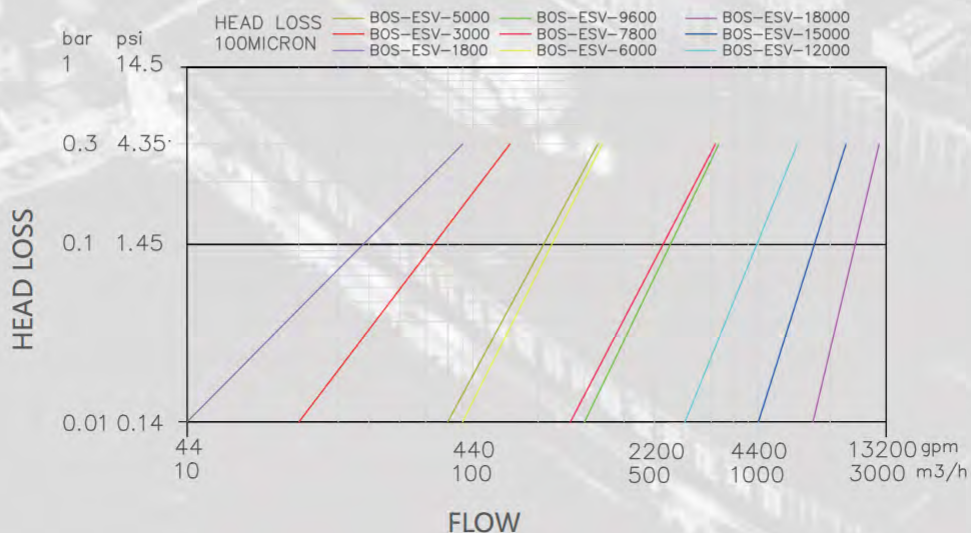
### Datos Técnicos

Max. Working Pressure psi / Presión Máx. de Trabajo psi ( MPa )	145 ( 1.0 ) / 232 ( 1.6 ) / 362.5 ( 2.5 )
Min. Cleaning Pressure psi / Presion Min. de Lavado psi ( MPa )	21.8 ( 0.15 )
Inlet/Outlet Flange inch / Brida Entrada/Salida Pulgadas ( mm )	3"-24" ( DN80-DN600 )
Housing Diameter inch / Diámetro Carcasa Pulgadas ( mm )	8"-36" ( $\Phi$ 219- $\Phi$ 916 )
Flowrate gpm / Caudal gpm ( m <sup>3</sup> /h )	≤12320 ( 2800 )
Filtration Area inch <sup>2</sup> / Superficie de Filtracion pulgada <sup>2</sup> ( cm <sup>2</sup> )	279-4030 ( 1800-26000 )
Micron Rating / Grado Micron ( $\mu$ m )	20-3500
Cleaning Mode / Modo Limpieza	Differential Pressure / Timing / Manual Presión Diferencial / Calendario / Manual
Max. Working Temperature °F / Temperatura Max. de Trabajo °F ( °C )	158 ( 70 )
Rated Voltage / Tensión Nominal de Funcionamiento	3-phase / De 3 Fases, 380 / 400V, 50HZ
Motor Power hp / Potencia del Motor ( kw )	0.12-1.02 ( 0.09-0.75 )
Control Voltage / Tensión de Control	220V / 230V AC

Model Modelo	Max. Flow Caudal Máx.		Filtration Surface Superficie Filtrada	Connection / Conexión (DN/PN1.0)		Cleaning Cycle Ciclo de Limpieza			
	gpm	m³/h	inch² (cm²)	Inlet-Outlet Entrada-Salida inch (mm)	Drain Drenaje inch (mm)	Flow Caudal gpm (l/s)	Time Tiempo (s)	Water Consumption Consumo De Agua gal (l)	Power Potencia hp (kw)
BOS-ESV1800/3C	220	50	124 800	3" 80	1" 25	19 1	15	4.76 15	0.24 0.18
BOS-ESV1800/4C	352	80	279 1800	4" 100	1" 25	31.7 1	15	7.93 15	0.24 0.18
BOS-ESV3000/4C	352	80	465 3000	4" 100	1.5" 40	31.7 2	15	7.93 30	0.34 0.25
BOS-ESV3000/6C	704	160	465 3000	6" 150	1.5" 40	31.7 2	15	7.93 30	0.34 0.25
BOS-ESV5000/6C	704	160	775 5000	6" 150	1.5" 40	47.6 3	15	15.85 45	0.50 0.37
BOS-ESV5000/8C	1320	300	775 5000	8" 200	1.5" 40	47.6 3	15	15.85 45	0.50 0.37
BOS-ESV6000/6C	704	160	930 6000	6" 150	1.5" 40	47.6 3	15	15.85 45	0.50 0.37
BOS-ESV6000/8C	1320	300	930 6000	8" 200	1.5" 40	47.6 3	15	15.85 45	0.50 0.37
BOS-ESV7800/10C	1980	450	1209 7800	10" 250	2" 50	71.3 4.5	30	47.56 135	0.50 0.37
BOS-ESV7800/12C	2860	650	1209 7800	12" 300	2" 50	71.3 4.5	30	47.56 135	0.50 0.37
BOS-ESV9600/10C	1980	450	1488 9600	10" 250	2" 50	71.3 4.5	30	47.56 135	0.50 0.37
BOS-ESV9600/12C	2860	650	1488 9600	12" 300	2" 50	71.3 4.5	30	47.56 135	0.50 0.37
BOS-ESV12000/14C	3960	900	1860 12000	14" 350	2" 50	79.3 5	30	63.41 150	1.02 0.75
BOS-ESV12000/16C	5280	1200	1860 12000	16" 400	2" 50	79.3 5	30	63.41 150	1.02 0.75
BOS-ESV15000/18C	6600	1500	2325 15000	18" 450	2.5" 65	126.8 8	40	84.54 320	1.02 0.75
BOS-ESV15000/20C	8800	2000	2325 15000	20" 500	2.5" 65	126.8 8	40	84.54 320	1.02 0.75
BOS-ESV18000/24C	10560	2600	2790 18000	24" 600	2.5" 65	126.8 8	40	84.54 320	1.02 0.75
BOS-ESV26000/24C	12320	2800	4030 26000	24" 600	2.5" 65	126.8 8	40	158.52 320	1.02 0.75

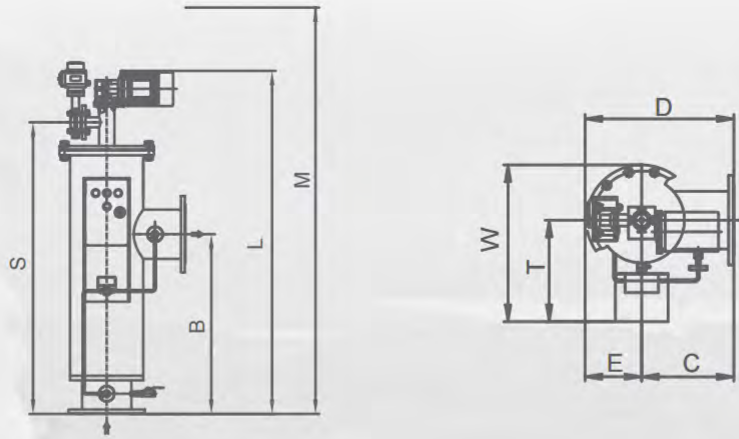
Notice: The maximum flow rate and cleaning data is based on 100 micron for the filtration grade and good water quality. The actual filtration flow and the filtration grade are related to water quality. Please refer to our company for details.

Nota: Los datos del caudal máximo y limpieza se basan en los datos de 100 micrones como grado de filtrado y la buena calidad del agua. El caudal real y su grado filtrado seleccionados están relacionados con la calidad del agua. Póngase en contacto con nuestra empresa para obtener más detalles.





Dimensions | Dimensiones



Model / Modelo	Dimensions / Dimensiones inch ( mm )								Empty Weight With Water Peso Vacio Con Agua (kg) (kg)		
	L	W	D	B	S	C	E	T	M		
BOS-ESV1800/4C	35.51 902	16.02 407	23.62 600	15.75 400	27.17 690	11.02 280	12.60 320	8.86 225	59.06 1500	80	100
BOS-ESV3000/4C	36.46 926	16.02 407	23.62 600	15.75 400	29.65 753	11.02 280	12.60 320	8.86 225	59.06 1500	115	145
BOS-ESV3000/6C	39.96 1015	16.02 407	24.41 620	15.75 400	30.91 785	11.81 300	12.60 320	8.86 225	59.06 1500	150	180
BOS-ESV5000/6C	56.69 1440	23.43 595	25.98 660	25.59 650	47.64 1210	13.78 350	12.20 310	15.16 385	110.24 2800	170	250
BOS-ESV5000/8C	56.69 1440	23.43 595	25.98 660	25.59 650	47.64 1210	13.78 350	12.20 310	15.16 385	110.24 2800	185	265
BOS-ESV6000/6C	62.56 1589	23.43 595	25.98 660	31.50 800	53.54 1360	13.78 350	12.20 310	15.16 385	110.24 2800	208	270
BOS-ESV6000/8C	62.56 1589	23.43 595	25.98 660	31.50 800	53.54 1360	13.78 350	12.20 310	15.16 385	110.24 2800	218	285
BOS-ESV7800/10C	58.27 1480	27.40 696	31.50 800	25.59 650	48.98 1244	15.75 400	15.75 400	17.17 436	118.11 3000	220	370
BOS-ESV7800/12C	58.27 1480	27.40 696	31.50 800	25.59 650	48.98 1244	15.75 400	15.75 400	17.17 436	118.11 3000	240	395
BOS-ESV9600/10C	63.23 1606	27.40 696	31.50 800	31.50 800	54.13 1375	15.75 400	15.75 400	17.17 436	118.11 3000	250	400
BOS-ESV9600/12C	63.23 1606	27.40 696	31.50 800	31.50 800	54.13 1375	15.75 400	15.75 400	17.17 436	118.11 3000	290	440
BOS-ESV12000/14C	70.24 1784	32.87 835	40.35 1025	35.43 900	61.10 1552	19.69 500	20.67 525	20.83 529	109.45 2780	450	710
BOS-ESV12000/16C	70.24 1784	32.87 835	40.35 1025	35.43 900	61.10 1552	19.69 500	20.67 525	20.83 529	109.45 2780	470	740
BOS-ESV15000/18C	76.50 1943	40.91 1039	47.44 1205	37.40 950	66.93 1700	23.62 600	23.82 605	24.84 631	115.75 2940	750	1230
BOS-ESV15000/20C	76.50 1943	40.91 1039	47.44 1205	37.40 950	66.93 1700	23.62 600	23.82 605	24.84 631	115.75 2940	775	1260
BOS-ESV18000/24C	77.28 1963	44.84 1139	50.79 1290	39.37 1000	67.80 1722	25.59 650	25.20 640	26.81 681	116.54 2960	1010	1610
BOS-ESV26000/24C	81.22 2063	49.17 1249	54.72 1390	43.31 1100	72.05 1830	29.53 750	25.20 640	30.71 780	120.47 3060	1210	1810

