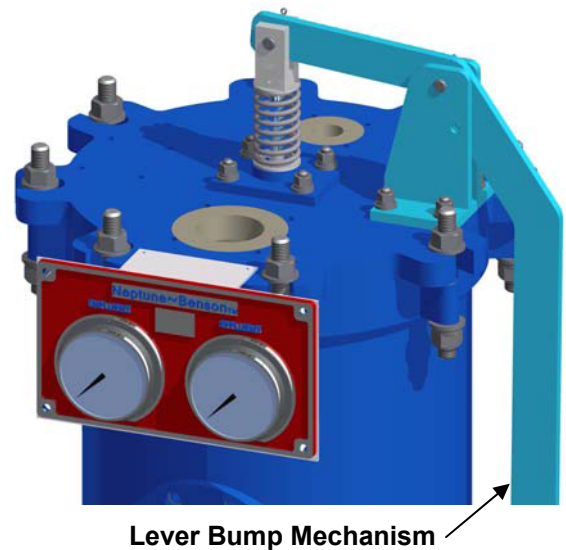


FILTER DIMENSIONS (imperial)					
Model Number	A	B (Note 1)	C (Note 1)	D	E
	in	in	in	in	in
SP-18-48-176-LB	24.69	82.3	82.3	17.8	73.8
SP-24-42-327-LB	30.75	90	76.5	27.5	81
SP-27-48-487-LB	33.25	95	81.5	27.5	86

FILTER DIMENSIONS (metric)					
Model Number	A	B (Note 1)	C (Note 1)	D	E
	cm	cm	cm	cm	cm
SP-18-48-176-LB	62.7	209	209	45	187
SP-24-42-327-LB	78.5	229	194.3	70	206
SP-27-48-487-LB	84.5	241.5	207	70	218.5



FILTER CAPACITIES & SPECIFICATIONS								
Model Number	Filter Area		Maximum NSF Flow Rate		Recommended Flow Rate Range (Note 2)		Tank Volume	
	ft ²	m ²	2.0 gpm/ ft ²	4.89 m ³ /hr	.5 - 1.4 gpm/ ft ²	1.22 – 3.42 m ³ /hr/m ²	gallons	m ³
SP-18-48-176-LB	137	12.73	274	62.3	69 - 192	15.53 – 43.54	66	.25
SP-24-42-327-LB	223	20.72	446	101.32	112 - 312	25.28 – 70.86	128	.484
SP-27-48-487-LB	381	35.60	762	174.08	191 - 533	43.43 – 121.75	159	.602

FILTER CONNECTION SIZES & SPECIFICATIONS																
Model Number	Tank Conn. Inches (Note 3)	Tank Conn. mm (Note 3)	Drain Conn. Inches (Note 5)	Drain Conn. mm (Note 5)	Tank Footprint		Perlite (Note 4)		Upper Head Weight		Head & Tubes Weight		Tank Ship Weight		Operating Weight	
	imperial	DN	imperial	DN	ft ²	m ²	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
SP-18-48-176-LB	3	80	2	50	4	.37	12	5.44	150	60	237	108	750	340	1311	595
SP-24-42-327-LB	4	100	3	80	24	2.23	18	8.16	310	141	584	265	1450	658	2515	1141
SP-27-48-487-LB	6	150	3	80	27	2.5	30	13.61	350	159	660	299	1650	748	2970	1347

Note 1: "B" dimension is installed height. "C" dimension indicates overall height with tank legs in the shipping position.

Note 2: Recommended flow rate range is suggested to optimize filtration performance.

Note 3: Tank connection sizes based on velocity not to exceed 10 fps or 3.048 mps.

Note 4: The required perlite media volume is based on a 1/8" (.3175 cm) cake which is the recommended thickness for optimum performance. This procedure will maximize filtration without adversely affecting the design pressure drop through the filter.

Note 5: SP-18 features a side drain. Centerline location is 10" (25cm) off of the floor.

Note 6: SP-18 does not have collapsible legs – see website for illustration.



R 10/26/11

