



FILTER DIMENSIONS (Imperial)					
Model Number	A	B (Note 1)	C (Note 1)	D	E
	in	in	in	in	in
SP-18-48-176	24.69	82.3	82.3	17.8	73.8
SP-24-42-327	30.75	90	76.5	27.5	81
SP-27-48-487	33.25	95	81.5	27.5	86
SP-33-48-732	39.25	104	90.5	31.5	93.5
SP-41-48-1038	47.75	106	92.5	35.5	97.5
SP-49-48-1548	54.75	110	96.5	36	101.5
SP-55-48-2076	61.75	115	101.5	39	105.5

FILTER DIMENSIONS (metric)					
Model Number	A	B (Note 1)	C (Note 1)	D	E
	cm	cm	cm	cm	cm
SP-18-48-176	62.7	209	209	45	187
SP-24-42-327	78.5	229	194.3	70	206
SP-27-48-487	84.5	241.5	207	70	218.5
SP-33-48-732	100	264.2	230	80	237.5
SP-41-48-1038	121.5	269.2	235	90.5	248
SP-49-48-1548	139.5	279.4	245.1	91.5	258
SP-55-48-2076	157	292.1	258	99	268

- Automatic System Includes: Automatic Filter Controller
- Semi-Automatic System Includes: Bump Button Box

FILTER CAPACITIES & SPECIFICATIONS								
Model Number	Filter Area		Maximum NSF Flow Rate		Recommended Flow Rate Range (Note 2)		Tank Volume	
	ft <sup>2</sup>	m <sup>2</sup>	2.0 gpm/ft <sup>2</sup>	4.89 m <sup>3</sup> /hr	.5 - 1.4 gpm/ft <sup>2</sup>	1.22 - 3.42 m <sup>3</sup> /hr/m <sup>2</sup>	gallons	m <sup>3</sup>
SP-18-48-176	137	12.73	274	62.3	69 - 192	15.53 - 43.54	66	.25
SP-24-42-327	223	20.72	446	101.32	112 - 312	25.28 - 70.86	128	.484
SP-27-48-487	381	35.60	762	174.08	191 - 533	43.43 - 121.75	159	.602
SP-33-48-732	572	53.14	1144	259.85	286 - 801	64.83 - 181.73	250	.946
SP-41-48-1038	812	75.44	1624	368.90	406 - 1137	92.04 - 258.00	441	1.669
SP-49-48-1548	1211	112.50	2422	550.13	606 - 1695	137.25 - 384.75	615	2.328
SP-55-48-2076	1625	150.97	3250	737.48	813 - 2275	141.48 - 516.32	841	3.184

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 <sup>2</sup>	m <sup>2</sup>	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
SP-18-48-176	3	80	2	50	11	.37	12	5.44	150	60	237	108	750	340	1311	595
SP-24-42-327	4	100	3	80	24	2.23	18	8.16	310	141	584	265	1450	658	2515	1141
SP-27-48-487	6	150	3	80	27	2.5	30	13.61	350	159	660	299	1650	748	2970	1347
SP-33-48-732	8	200	3	80	33	3.06	45	20.41	475	216	790	358	1800	817	3880	1760
SP-41-48-1038	8	200	4	100	44	4.09	64	29.03	750	340	1265	574	2350	1066	6019	2730
SP-49-48-1548	10	250	4	100	58	5.4	96	43.54	1085	492	1920	871	3320	1506	8437	3827
SP-55-48-2076	12	300	4	100	72	6.7	128	58.06	1385	628	2300	1043	3850	1746	10847	4920

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.

