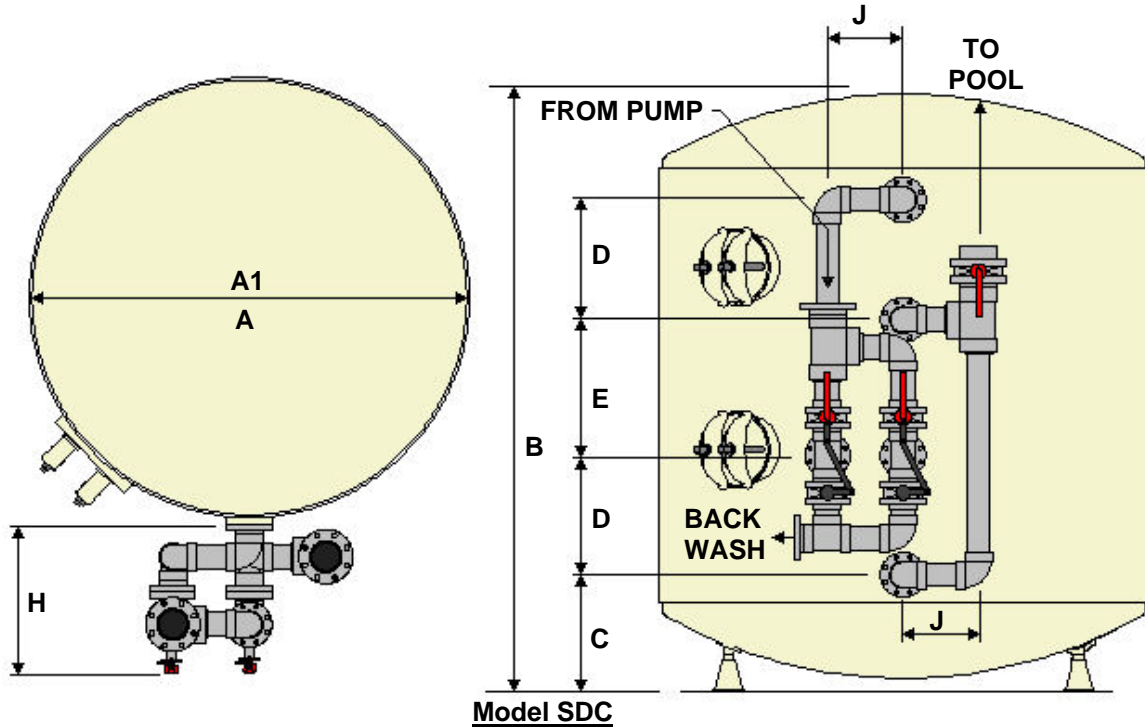


Model SDC/DDC Dual Cell Sand Filters

Face Piping Configurations



Model SDC

Tank Lining options:

Standard Epoxy
Flexsol 3000™

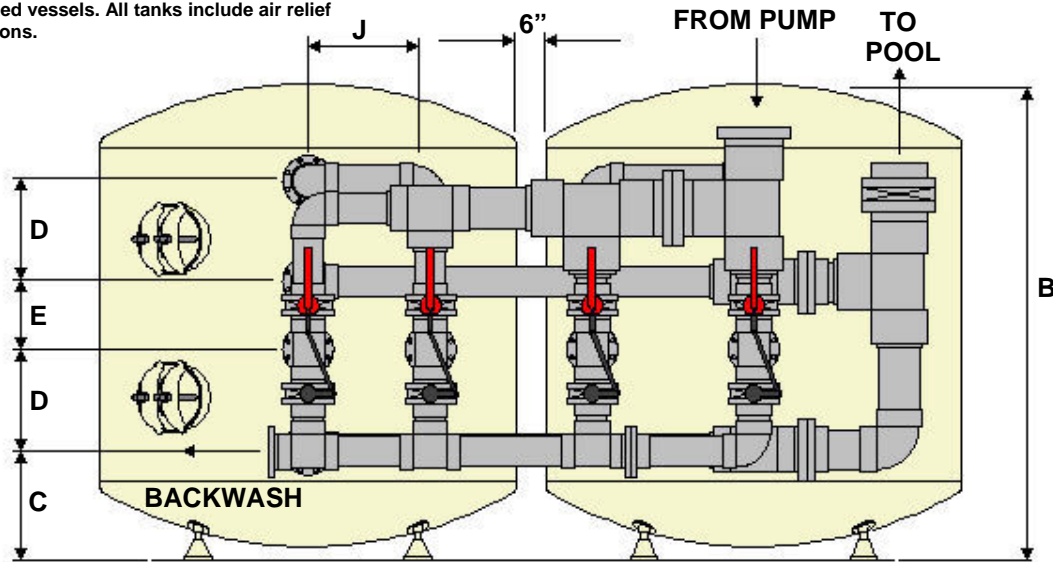
Tank Options:

Carbon Steel
Stainless Steel
A.S.M.E.

Note: Piping configuration as shown Available for 42" – 72" filters

All dimensions are in inches										
Face Piping Dimensions										
Dimensions	Face Piping Size									
	Single Tank				Dual Tank					
	3	4	6	8	4x3	6x4	6x6	8x6	10x6	10x8
H	-	-	-	-	26	31	41	41	41	54
J	19	22	28	37	21	26	30	33	39	42

Note: All dimensions are based on steel construction, 50 psi operating pressure and 75 psi hydrostatic test. Consult Neptune-Benson for dimensional verification on custom fabricated vessels. All tanks include air relief and drain connections.

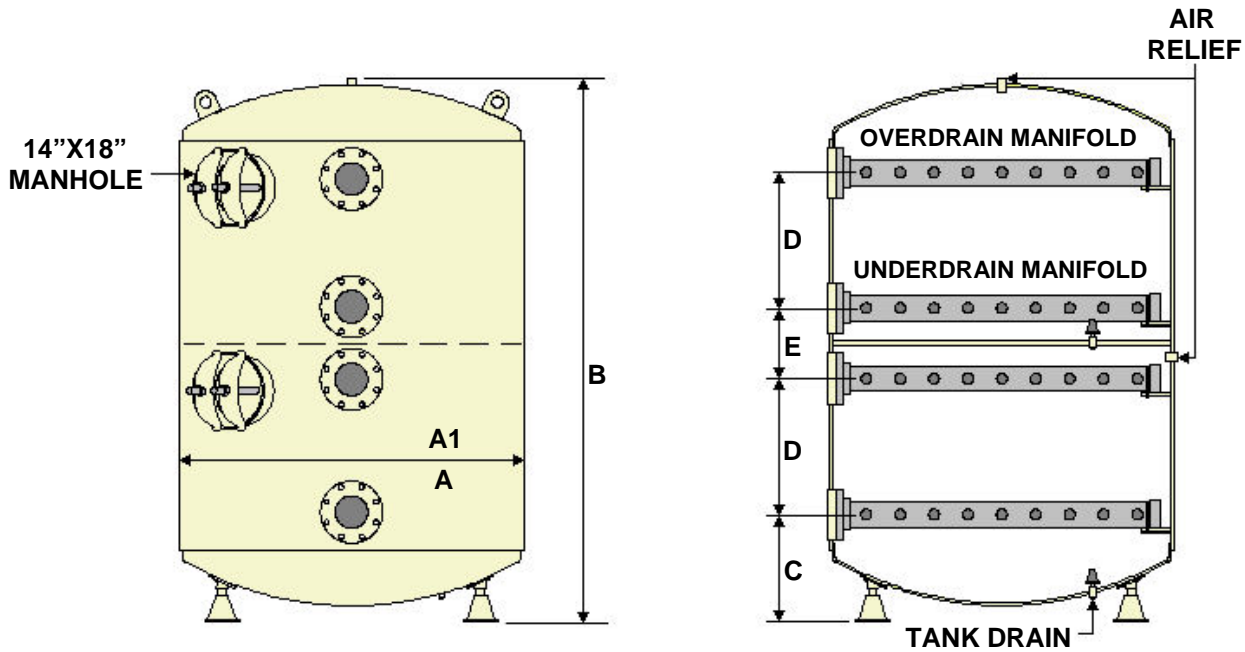


Model DDC



Model SDC/DDC Dual Cell Sand Filters

Physical Capacity and Dimensional Information



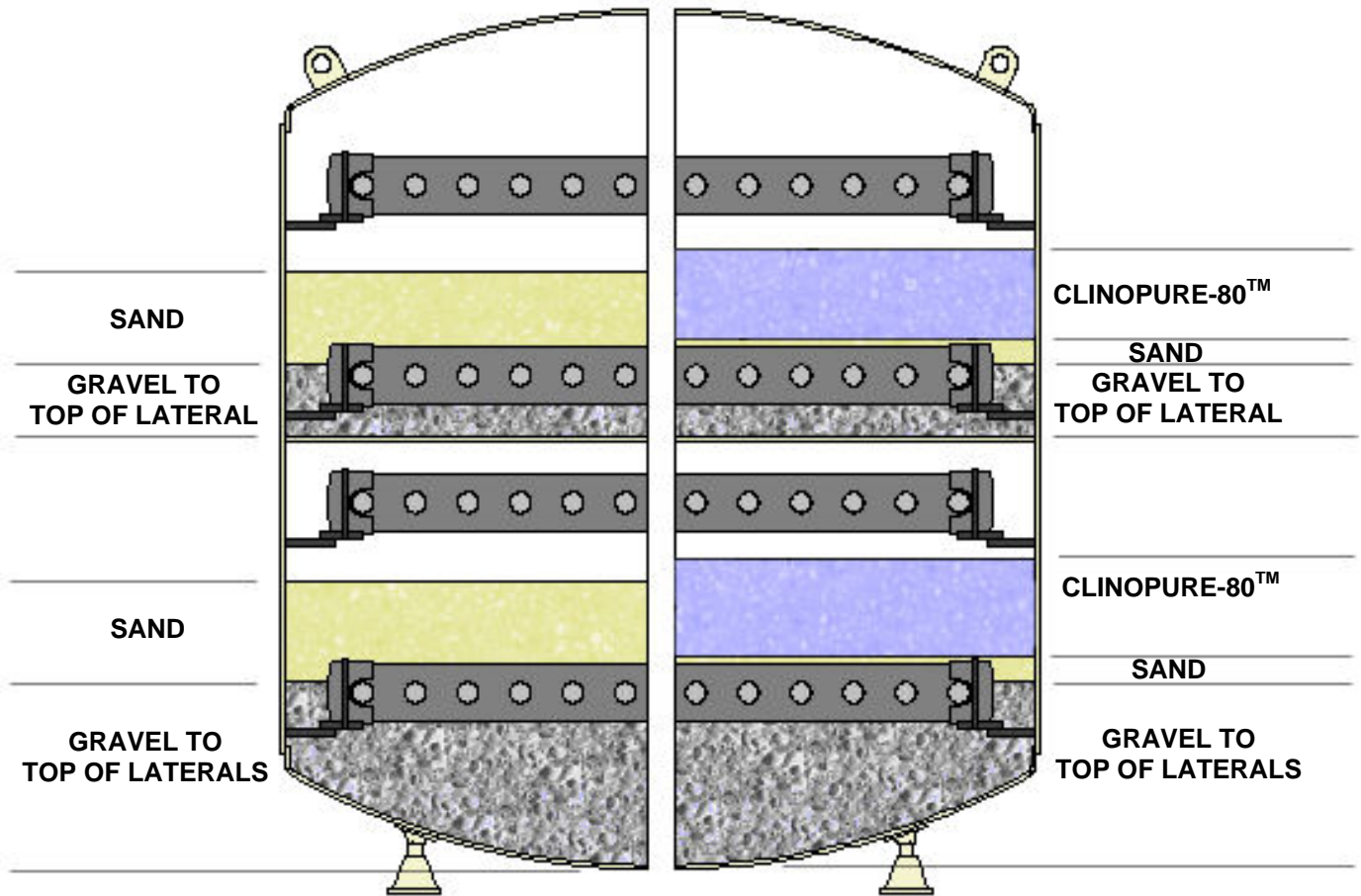
Filter Model Number	Tank Conn	Filter Area (SF)	Flow Capacity (GPM)	Filter Rate (GPM/SF)	All dimensions are in inches								Tank Shipping Weight (LBS)	Operating Weight (LBS)
					A*	A1*	B	C	D	E	F*	G*		
42 SDC-4	3	19.2	96-384	5-20	42	42 3/8	90	16 1/16	24 3/4	11 1/2	3/16	3/16	1100	7689
48 SDC-3	3	25.1	126-402	5-16	48	48 3/8	92 1/2	16 13/16	24 3/4	11 1/2	3/16	3/16	1250	9821
48 SDC-4	4	25.1	403-502	17-20	48	48 3/8	92 1/2	17 13/16	23 3/4	12 1/2	3/16	3/16	1300	9821
54 SDC-3	3	31.8	159-382	5-12	54	54 3/8	94 3/8	17 13/16	24 3/4	11 1/2	1/4	3/16	1600	13144
54 SDC-4	4	31.8	383-636	13-20	54	54 3/8	94 3/8	18 13/16	23 3/4	12 1/2	1/4	3/16	1650	13144
60 SDC-4	4	39.3	197-786	5-20	60	60 3/8	95	18 5/8	23 3/4	12 1/2	1/4	3/16	1900	16068
66 SDC-4	4	47.5	238-713	5-15	66	66 1/2	96 1/2	19 3/8	23 3/4	12 1/2	1/4	1/4	2400	19262
66 SDC-6	6	47.5	714-956	16-20	66	66 1/2	96 1/2	20 3/8	21 3/4	14 1/2	1/4	1/4	2500	19262
72 SDC-4	4	56.5	283-678	5-12	72	72 1/2	98	20 3/16	23 3/4	12 1/2	1/4	1/4	2700	24000
72 SDC-6	6	56.5	679-1130	13-20	72	72 1/2	98	21 3/16	21 3/4	14 1/2	1/4	1/4	2800	24000
78 SDC-6	6	66.4	332-1328	5-20	78	78 1/2	100	22 1/8	21 3/4	14 1/2	5/16	1/4	3300	28653
84 SDC-6	6	77	385-1540	5-20	84	84 1/2	101 1/2	22 15/16	21 3/4	14 1/2	5/16	1/4	3700	31100
90 SDC-6	6	88.4	442-1768	5-20	90	90 1/2	103 1/8	23 3/4	21 3/4	14 1/2	5/16	1/4	4050	37797
96 SDC-6	6	100.5	503-1609	5-16	96	96 1/2	104 3/4	24 9/16	21 3/4	14 1/2	5/16	1/4	4500	42704
96 SDC-8	8	100.5	1609-2010	17-20	96	96 1/2	108 3/4	25 9/16	21 3/4	16 1/2	5/16	1/4	4750	42704
102 SDC-6	6	113.5	568-1589	5-14	102	102 5/8	106 5/8	25 1/2	21 3/4	14 1/2	3/8	5/16	5600	48587
102 SDC-8	8	113.5	1590-2270	15-20	102	102 5/8	106 5/8	26 1/2	21 3/4	16 1/2	3/8	5/16	5900	48587
108 SDC-6	6	127.2	636-1654	5-13	108	108 5/8	108 1/8	26 1/4	21 3/4	14 1/2	3/8	5/16	6150	57276
108 SDC-8	8	127.2	1655-2544	14-20	108	108 5/8	112 1/8	27 1/4	21 3/4	16 1/2	3/8	5/16	6500	57276
114 SDC-6	6	141.8	709-1702	5-12	114	114 5/8	109 3/4	27 1/16	21 3/4	14 1/2	3/8	5/16	6700	67082
114 SDC-8	8	141.8	1703-2836	13-20	114	114 5/8	113 3/4	28 1/16	21 3/4	16 1/2	3/8	5/16	7000	67082
120 SDC-6	6	157	785-1884	5-12	120	120 5/8	112 3/8	28 7/8	21 3/4	14 1/2	3/8	5/16	7300	71473
120 SDC-8	8	157	1885-3140	13-20	120	120 5/8	116 3/8	29 7/8	21 3/4	16 1/2	3/8	5/16	7600	71473

Note: Tabulated data represents standard non-ASME construction. Consult Neptune-Benson for verification on ASME certified and custom fabricated vessels.
 F* = Head thickness; G* = Shell thickness
 A* = Inside Diameter
 A1* = Outside Diameter



Model SDC/DDC Dual Cell Sand Filters

Media Requirements



STANDARD MEDIA CHART

All dimensions are in inches

Filter Model Number	Tank Conn	Gravel (CF)	Filter Sand (CF)	Gravel Depth	Sand
42 SDC-3	3	13	21	6	12
48 SDC-3	3	17	28	6	13
48 SDC-4	4	20	26	7	12
54 SDC-3	3	23	34	6	13
54 SDC-4	4	25	32	7	12
60 SDC-4	4	31	40	7	12
66 SDC-4	4	39	48	7	12
66 SDC-6	6	42	48	8	12
72 SDC-4	4	48	56	7	12
72 SDC-6	6	52	56	8	12
78 SDC-6	6	63	66	8	12
84 SDC-6	6	74	78	8	12
90 SDC-6	6	86	88	8	12
96 SDC-6	6	99	100	8	12
96 SDC-8	8	116	100	9	12
102 SDC-6	6	114	114	8	12
102 SDC-8	8	114	114	9	12
108 SDC-6	6	131	128	8	12
108 SDC-8	8	142	128	9	12
114 SDC-6	6	146	142	8	12
114 SDC-8	8	160	142	9	12
120 SDC-6	6	168	158	8	12
120 SDC-8	8	181	158	9	12

CLINO PURE-80™ HYBRID MIX CHART

All dimensions are in inches

Filter Model Number	Tank Conn	Gravel (CF)	Filter Sand (CF)	ClinoPure-80 (CF)	Gravel Depth	Sand	Clino Depth
42 SDC-4	3	13	5	20	7	3	11
48 SDC-3	3	17	7	26	6	3	12
48 SDC-4	4	19	7	23	7	3	11
54 SDC-3	3	23	8	32	6	3	12
54 SDC-4	4	25	8	30	7	3	11
60 SDC-4	4	31	10	36	7	3	11
66 SDC-4	4	40	12	44	7	3	11
66 SDC-6	6	42	12	44	8	3	11
72 SDC-4	4	48	14	52	7	3	11
72 SDC-6	6	52	14	52	8	3	11
78 SDC-6	6	63	17	61	8	3	11
84 SDC-6	6	74	20	71	8	3	11
90 SDC-6	6	86	22	81	8	3	11
96 SDC-6	6	99	25	93	8	3	11
96 SDC-8	8	107	25	93	9	3	11
102 SDC-6	6	116	29	104	8	3	11
102 SDC-8	8	124	29	104	9	3	11
108 SDC-6	6	126	32	117	8	3	11
108 SDC-8	8	142	32	117	9	3	11
114 SDC-6	6	148	36	130	8	3	11
114 SDC-8	8	160	36	130	9	3	11
120 SDC-6	6	168	40	144	8	3	11
120 SDC-8	8	181	40	144	9	3	11

NOTE: Gravel depth for upper cell only, bottom cell gravel depth varies from tank to tank.

