

APPLICATION DATA

SPECIFICATIONS

MODEL	TANK DIAMETER	WORKING PRESSURE	TANK MATERIAL	INLET OUTLET	DRAIN
EC 140	16 in.	50 psi	304L	3 x 8	3 x 7 ½
EC 145	18 in.	50 psi	304L	3 x 8	3 x 7 ½
EC 225	24 in.	50 psi	304L	4 x 9	3 x 7 ½
EC 225S	24 in.	50 psi	304L	4 x 9	3 x 7 ½
EC 350	30 in.	50 psi	304L	6 x 11	4 x 9
EC 350S	30 in.	50 psi	304L	6 x 11	4 x 9
EC 500	36 in.	50 psi	304L	6 x 11	4 x 9
EC 500S	36 in.	50 psi	304L	6 x 11	4 x 9
EC 700	42 in.	50 psi	304L	8 x 13 ½	4 x 9
EC 700S	42 in.	50 psi	304L	8 x 13 ½	4 x 9
EC 900	46 in.	50 psi	304L	8 x 13 ½	4 x 9
EC 900S	46 in.	50 psi	304L	8 x 13 ½	4 x 9
EC 1000	48 in.	50 psi	304L	8 x 13 ½	4 x 9
EC 1275	48 in.	50 psi	304L	8 x 13 ½	4 x 9
EC 1400	56 in.	50 psi	304L	10 x 16	4 x 9
EC 1400S	56 in.	50 psi	304L	10 x 16	4 x 9
EC 1675	60 in.	50 psi	304L	10 x 16	4 x 9
EC 2100	60 in.	50 psi	304L	10 x 16	4 x 9

Standard tank construction is non-code, safety factor = 4

OPERATING DATA

MODEL	GPM RANGE	PRE-COAT LBS PERLITE	PRE-COAT LBS DE	* STATIC HEAD LOSS CLEAN	** STATIC HEAD LOSS	* TOTAL HEAD LOSS CLEAN	** TOTAL HEAD LOSS	"BUMP" SYSTEM	OPER. WEIGHT
EC140	75-122	9	17	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	600
EC145	105-171	12.5	24	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	800
EC225	171-264	21	40	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	1200
EC225S	212-335	26	50	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	1500
EC350	300-444	33	63	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	2560
EC350S	337-565	41	79	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	2600
EC500	550-657	61	117	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	3200
EC500S	528-835	65.5	126	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	3250
EC700	750-895	76	146	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	4560
EC700S	719-1138	82	158	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	4800
EC900	647-1035	75	147	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	5860
EC900S	819-1310	95	190	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	6000
EC1000	730-1184	87.5	168	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	6160
EC1275	950-1505	109	210	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	6500
EC1400	901-1416	103	205	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	8910
EC1400S	1141-1825	135	260	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	9900
EC1675	1225-1670	141.5	272	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	10,400
EC2100	1560-2490	182	350	1.5 ft.	23 ft.	3.02 ft.	26 ft.	Elec-Air	11,600

* Measured at gauge taps located on filter body and head

** Solids-laden filter before regeneration

PERFORMANCE (SWIMMING POOL SERVICE)

MODEL	OPTIMUM	TURNOVER – U.S. GALLONS		
	GPM	4 HRS.	6 HRS.	8 HRS.
EC 140	100	24,000	36,000	48,000
EC 145	140	33,600	50,400	67,200
EC 225	233	56,000	84,000	112,045
EC 225S	285	68,400	102,600	136,800
EC 350	393	94,241	141,362	188,483
EC 350S	475	114,000	171,000	228,000
EC 500	581	139,344	209,016	278,688
EC 500S	703	168,720	253,080	337,440
EC 700	791	189,768	284,652	379,536
EC 700S	958	229,920	344,880	459,840
EC 900	914	219,411	329,116	438,821
EC 900S	1157	277,739	416,609	555,479
EC 1000	1046	251,118	376,678	502,237
EC 1275	1268	304,320	456,480	608,640
EC 1400	1273	305,581	458,372	611,162
EC 1400S	1612	386,936	580,404	773,872
EC 1675	1650	396,000	594,000	792,000
EC 2100	2085	500,400	750,600	1,000,800