

SEC Pool Heat Exchanger Pressure Loss Chart.

Basic Model Selection

Model	Pool Size	170 F btu/hr	170 F kw	140 F btu/hr	140 F kw	113 F btu/hr	113 F kw
5102-2Ti / S	22,000 gal	135,000	40	75,000	22	24,500	7
5102-3Ti / S	32,000 gal	240,000	70	135,000	40	35,000	10
5102-5Ti / S	36,000 gal	308,000	90	175,000	51	85,000	25
5103-2Ti / S	44,500 gal	340,000	100	190,000	56	78,000	23
5103-5Ti / S	62,500 gal	680,000	200	440,000	130	150,000	44
5107-5Ti / S	82,000 gal	1,000,000	300	600,000	175	220,000	65

Pressure Loss Chart 5102-2Ti/S

Shell / Boiler	GPM	PSI	Lit\m	kPa	Tube / Pool	GPM	PSI	Lit\m	Kpa
5102-2Ti / S	5.3	0.2	20	1.5	5102-2Ti / S	13	0.07	50	0.5
5102-2Ti / S	10.5	1.1	40	7.2	5102-2Ti / S	26.5	0.3	100	2.0
5102-2Ti / S	15.8	2.3	60	15.6	5102-2Ti / S	40	0.6	150	4.0
5102-2Ti / S	21	5.2	80	35	5102-2Ti / S	53	1.1	200	8.0

Pressure Loss Chart 5102-3Ti/S

Shell / Boiler	GPM	PSI	Lit\m	kPa	Tube / Pool	GPM	PSI	Lit\m	Kpa
5102-3Ti / S	5.3	0.3	20	2.1	5102-3Ti / S	13	0.1	50	0.7
5102-3Ti / S	10.5	1.3	40	9.2	5102-3Ti / S	26.5	0.4	100	3.0
5102-3Ti / S	16	3.1	60	23	5102-3Ti / S	40	0.9	150	6.0
5102-3Ti / S	21	5.4	80	37	5102-3Ti / S	53	1.3	200	9.0
5102-3Ti / S	26	8.9	100	61	5102-3Ti / S	80	2.8	300	19

Pressure Loss Chart 5102-5Ti/S

Shell / Boiler	GPM	PSI	Lit\m	kPa	Tube / Pool	GPM	PSI	Lit\m	Kpa
5102-5Ti / S	5.3	0.4	20	2.8	5102-5Ti / S	8	0.04	30	0.3
5102-5Ti / S	10.5	1.6	40	11	5102-5Ti / S	24	0.4	90	3.0
5102-5Ti / S	15.8	3.6	60	25	5102-5Ti / S	32	0.7	120	5.0
5102-5Ti / S	21	6.5	80	45	5102-5Ti / S	40	1.1	150	7.0
5102-5Ti / S	26	9.9	100	68	5102-5Ti / S	53	1.9	200	13

Pressure Loss Chart 5103-2Ti/S

Shell / Boiler	GPM	PSI	Lit\m	kPa	Tube / Pool	GPM	PSI	Lit\m	Kpa
5103-2Ti / S	13	0.3	50	2	5103-2Ti / S	53	0.6	200	4.0
5103-2Ti / S	26.5	0.5	100	3.5	5103-2Ti / S	80	1.1	300	8.0
5103-2Ti / S	40	1.2	150	8.2	5103-2Ti / S	105	2	400	14
5103-2Ti / S	53	2.2	200	15.5	5103-2Ti / S	160	2.8	600	19

Pressure Loss Chart 5103-5Ti/S

Shell / Boiler	GPM	PSI	Lit\m	kPa	Tube / Pool	GPM	PSI	Lit\m	Kpa
5103-5Ti / S	13	0.7	50	4.7	5103-5Ti / S	53	0.9	200	6.2
5103-5Ti / S	26.5	1.4	100	9.2	5103-5Ti / S	80	1.9	300	13
5103-5Ti / S	40	3.6	150	25	5103-5Ti / S	105	3.2	400	22
5103-5Ti / S	53	5.4	200	37	5103-5Ti / S	160	5.0	600	34