



Nominal Performance and Specification Table

Model No.	Normal Capacity		Pool Capacity (gal @ 1°F/hr)	Pool Capacity (m ³ @ 1°C/hr)	Hot Water				Cold Water				Heat Transfer Area		Shell (pool) side	Tube (Hot) side
	kW	Kbtu/hr			Flow Volume		Pressure		Flow Volume		Pressure drop		m ²	Ft ²		
					l/min	USGPM	kPa	psig	l/min	USGPM	kPa	psig				
SP-55	16	55	4700	32.0	28	7.49	5.83	0.85	185	48.84	7.08	1.03	0.15	1.636	1"	3/4"
SP-85	25	85	7300	49.7	31	8.27	7.07	1.02	213	56.22	8.81	1.28	0.25	2.702	1"	3/4"
SP-155	45	155	13300	90.6	32	8.46	7.58	1.10	237	62.66	10.92	1.58	0.33	3.552	1 1/2"	1"
SP-210	60	210	18000	122.6	35	9.13	2.59	0.38	242	63.94	7.28	1.06	0.44	4.769	1 1/2"	1 1/2"
SP-300	88	300	25800	175.8	42	11.16	3.89	0.56	325	86.11	11.26	1.63	0.64	6.889	1 1/2"	1 1/2"
SP-360	105	360	31500	214.6	48	12.63	5.83	0.85	358	94.70	16.55	2.40	0.85	9.128	2"	1 1/2"
SP-600	175	600	52500	357.7	66	17.44	8.43	1.22	432	114.16	21.19	3.07	1.55	16.695	2 1/2"	2"
SP-1200	352	1200	105600	719.0	114	30.19	15.23	2.21	847	224.06	27.94	4.05	2.01	21.582	2 1/2"	2"
SP-2400	704	2400	211200	1438.0	267	70.65	19.81	2.87	1694	448.13	34.48	5.00	4.27	45.963	4"	2"
SP-3000	880	3000	264000	1797.5	342	90.58	20.69	3.00	2117	560.16	36.55	5.30	5.07	54.575	4"	2 1/2"
SP-3600	1056	3600	316800	2157.0	371	98.13	22.07	3.20	2541	672.19	40.69	5.90	6.42	69.107	4"	2 1/2"
SP-4500	1320	4500	396000	2700.0	514	135.87	21.38	3.10	3176	840.24	39.31	5.70	8.42	90.635	4"	2 1/2"
SP-5000	1467	5000	439000	3000.0	570	150.00	24.83	3.60	3530	934.00	40.69	5.90	8.87	95.479	4"	2 1/2"
SP-6000	1760	6000	526800	3600.0	684	180.00	28.55	4.32	4236	1120.80	42.76	6.20	10.64	114.575	4"	2 1/2"

Quick Selection

ModelNo.	Pool Capacity	
	m3	USGAL
SP-55	15	3960
SP-85	25	6600
SP-155	45	11900
SP-210	65	17200
SP-300	90	23800
SP-360	110	29000
SP-600	180	47500
SP-1200	360	95100
SP-2400	720	190200
SP-3000	900	237700
SP-3600	1080	285300
SP-4500	1350	356600
SP-5000	1500	396200
SP-6000	1800	475500

Remarks:

- 1.Nominal values are based on 60°C (108°F) temperature difference between incoming heating and heated water.
- 2.All above capacity are based on stainless steel 316L, 304 or titanium heat exchanger tube bundle;
- 3.Other Fluids Correction Factors.

Fluid	Factor
Water	100%
Ethylene Glycol 30%	92%
Ethylene Glycol 50%	85%
Propylene Glycol 30%	94%
Propylene Glycol 50%	89%
Oil SAE10	50%
Oil ISO VG22	45%