

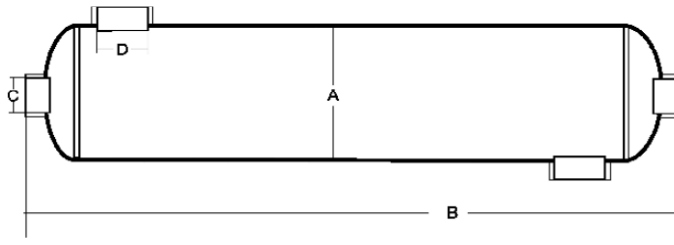
Quick Selection of SP Series Heat Exchangers

Model	Normal Capacity		Pool Capacity (gallons @ 1° F/hr)	Heat Transfer Area		Water Flow			
	kW	Kbtu/hr		m ²	ft ²	Hot Water		Cold Water	
						PSIG	USGPM	PSIG	USGPM
SP-55K	16	55	4,700	0.152	1.636	0.90	7.43	1.07	48.44
SP-85K	25	85	7,300	0.251	2.701	1.09	8.01	1.33	54.53
SP-155K	45	155	13,300	0.330	3.552	1.10	8.50	1.60	62.99
SP-210K	61	210	18,000	0.443	4.768	0.36	9.25	1.03	64.73
SP-300K	88	300	25,800	0.637	6.856	0.56	11.10	1.65	85.60
SP-360K	105	360	31,500	0.848	9.127	0.84	12.68	2.40	95.10
SP-600K	175	600	52,500	1.551	16.694	1.22	17.44	3.10	114.12
SP-1200K	352	1200	105,600	2.005	21.581	2.21	30.12	4.08	222.29

1. For occasional (holidays & weekends) use pools we recommend a 2x output multiplier to obtain a 2°F/hr heat up rate
2. Nominal values are based on 60°C (140°F) temperature between incoming water and heated water

Why our heat exchangers are the best you can buy?

- 1.) Our units are rated to higher temperatures and pressures due to updates made that ensure a superior construction
- 2.) Our units offer larger connections on select models for ease of installation and a more efficient system
- 3.) All of our units are available with same side pool/spa connections for ease of installation
- 4.) Our units are available in both 55k BTU & 300k BTU units for those applications with space limitations
- 5.) We offer the special fittings, controls, and knowledge required to install these units properly



Features

- Constructed with corrugated tubes for optimal efficiency
- Less expensive, more durable, and easier to install than brazed plate heat exchangers
- Designed to perform at high fluid velocities with low pressure drops
- Complete welded construction ensuring strength and durability
- Due to high flow rates through the exchanger, it is inherently self cleaning

DIMENSIONS [mm (in.)]

Model	A	B	C (Tubeside)	D (Shellside)
SP-55K	60 (2.36)	360 (14.17)	1" FNPT	1-1/2" FNPT
SP-85K	60 (2.36)	520 (20.47)	1" FNPT	1-1/2" FNPT
SP-155K	76 (2.99)	450 (17.71)	1" FNPT	1-1/2" FNPT
SP-210K	76 (2.99)	570 (22.44)	1-1/2" FNPT	1-1/2" FNPT
SP-300K	76 (2.99)	780 (30.71)	1-1/2" FNPT	2" FNPT
SP-360K	89 (3.50)	830 (32.68)	1-1/2" FNPT	2" FNPT
SP-600K	114 (4.48)	900 (35.43)	2" FNPT	2-1/2" FNPT
SP-1200K	133 (5.23)	900 (35.43)	2" FNPT	2-1/2" FNPT

*Models with pool/spa connections on the same side of the unit are also available

Design Ratings	Temperature	Pressure	Material	Applications
Shell Side	406°F (208°C)	190 psi (1.31 MPa)	AISI 316L Stainless Steel	Pools & Spas Solar Heating Domestic Hot Water Waste Water Heat Recovery Oil Cooler
Tube Side	406°F (208°C)	190 psi (1.31 MPa)	AISI 316L Stainless Steel	
*All parameters are subject to change without prior notice **Designed according to ASME Boiler and Pressure Vessel Code Sec VII Version 1				