

SEC Heat Exchangers

TITANIUM Heat Exchanger

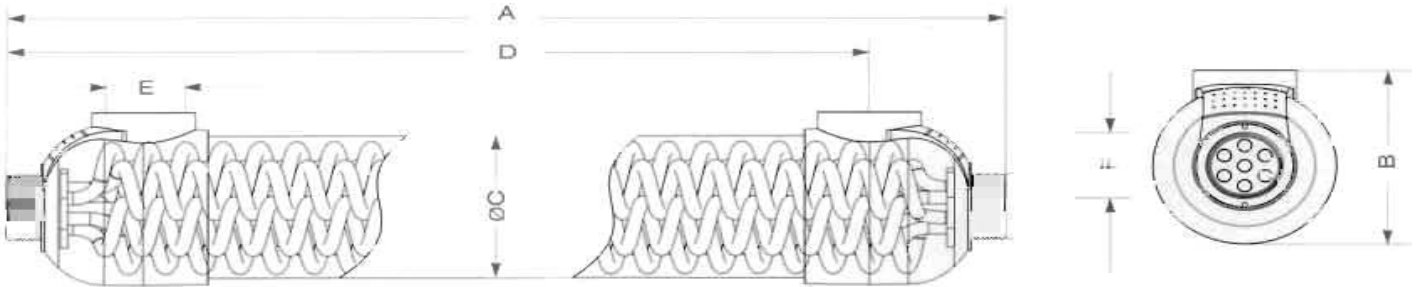


SEC POOL EXCHANGER DATA

Pool Exchanger Performance

Model	Normal Capacity		HOT WATER				COLD WATER			
			Flow		Pressure Drop		Flow		Pressure Drop	
	kW	Btu/h	l/min	USGPM	kPa	Psig	l/min	USGPM	kPa	Psig
Stainless Steel										
110S	29	98,000	22	5.8	11	1.6	250	66	9	1.3
220S 57	195,000	30	7.9	28	4.1	300	80	19	2.3	
330S 87	298,000	35	9.2	38	5.5	350	92	20	2.9	
440S	113	385,000	40	10.6	65	9.4	400	106	25	3.6
Titanium										
110Ti	29	98,000	22	5.8	11	1.6	250	66	9	1.3
220Ti	57	195,000	30	7.9	28	4.1	300	80	16	2.3
330Ti 87	298,000	35	9.2	38	5.5	350	92	20	2.9	
440Ti	113	385,000	40	10.6	65	9.4	400	106	25	3.6

Normal values are based on 60°C (140°F) temperature difference between incoming heating and heated water



Dimensions

Model	A		B		C		D		E	F
	mm	inch	mm	inch	mm	inch	mm	inch	size	size
110S / 110Ti	343	13.50	110	4.31	90	3.54	268	10.55	1 1/2"	1 1/4"
220S / 220Ti	541	21.30	110	4.31	90	3.54	466	18.35	1 1/2"	1 1/4"
330S / 330Ti	769	30.28	110	4.31	90	3.54	694	27.32	1 1/2"	1 1/4"
440S / 440Ti	921	36.26	110	4.31	90	3.54	846	33.31	1 1/2"	1 1/4"

Residential Applications

- Swimming pools, spas, hot tubs
- Domestic hot water

Industrial Applications

- Sea Water applications
- Waste water heat recovery

Standard Materials

Titanium / 316L Stainless Steel

Max Allowable Working Pressure

Hot Side: 16 psi (40 bar)
Cold Side: 4 psi (6 bar)

Max Allowable Working Temperature

Titanium 90°C
316L SS 90°C



SEC Heat Exchangers
2546 Iona Road, Belfast
PE, Canada C0A 1A0

T.902.659.2424
F.902.659.2800

info@secheatexchangers.com
www.heatexchangers.ca

