

*SEC Heat Exchangers*

# TITANIUM Heat Exchanger

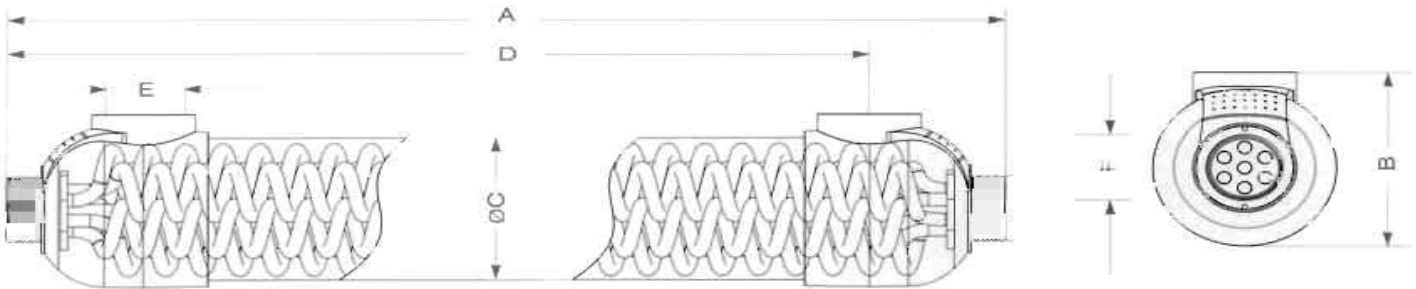


# SEC POOL EXCHANGER DATA

## 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
<b>Stainless Steel</b>										
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
<b>Titanium</b>										
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

Shell Side: 60 psi (4 bar)  
Tube Side: 150 psi (10 bar)

## Max Allowable Working Temperature

Shell Side 140°F (60°C)  
Tube Side 250°F (120°C)



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