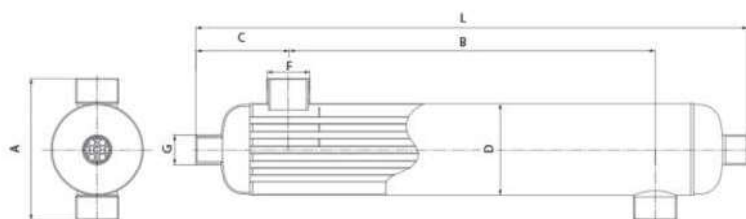
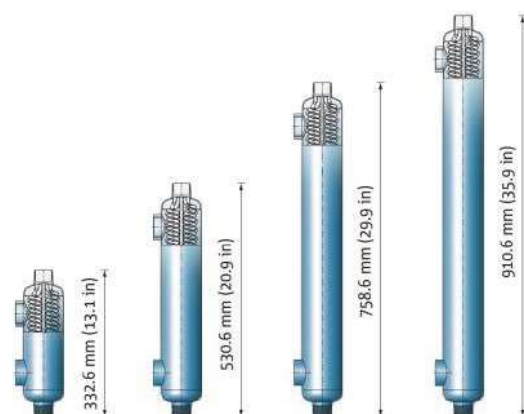


HEAT EXCHANGER MODEL	DIMENSIONS					CONNECTIONS		HEAT TRANSFER AREA SQ FT
	L	A	B	C	D	SHELL F	TUBES G	
	INCHES							
T-100	13.1	4.3	5.3	3.9	3.6	1 1/2	1 1/4	2.24
T-200	20.9	4.3	13.1	3.9	3.6	1 1/2	1 1/4	4.15
T-300	29.9	4.3	22.1	3.9	3.6	1 1/2	1 1/4	6.26
T-400	35.9	4.3	28.1	3.9	3.6	1 1/2	1 1/4	7.71
T-500	43.5	6.3	33.8	4.1	4.1	1 1/2	1	16.8



T-100-T400 are made of Titanium. The T-500 heat exchanger is a completely welded heat exchangers made entirely of a super austenitic marine alloy. Its compact structure is an integration of innovative material with detailed engineering for effective use with high fluid velocities and low pressure drops, designed specifically for salt water pool applications.

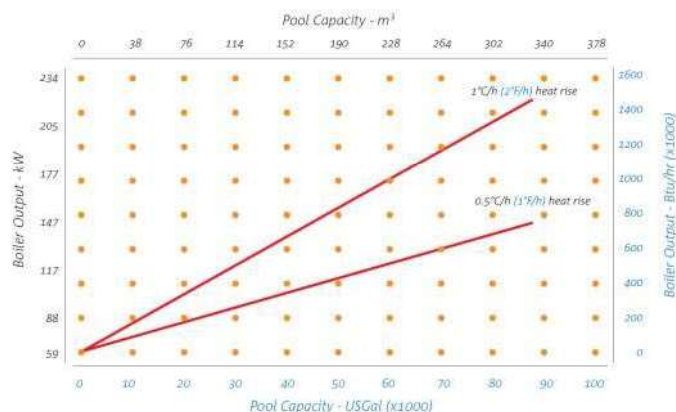
The versatility of this robust straight tube design covers a comprehensive range of capacities, suitable for all residential and commercial pool applications



HEAT EXCHANGER MODEL	NOMINAL CAPACITY		HOT WATER SIDE				COLD WATER SIDE			
			FLOW		PRESSURE DROP		FLOW		PRESSURE DROP	
	kW	BTU/hr	LTR/MIN	USG/MIN	kPa	PSI	LTR/MIN	USG/MIN	kPa	PSI
T-100	29	100,000	17	4.6	6.1	0.09	38	10.0	0.3	0.1
T-200	57	200,000	28	7.5	26.7	3.9	61	16.0	1.4	0.2
T-300	87	300,000	36	9.5	63.2	9.2	76	20.0	2.9	0.4
T-400	113	400,000	35	9.1	71.7	10.4	265	70.0	40.7	5.9
T-500	145	500,000	150	40	27.0	3.9	227	60	24.8	3.6

Nominal capacity values are based on heating 180°F (82.2°C) and return pool water 80°F (26.7°C).

### Boiler Selection Chart



Based on heating source 180°F (82.2°C).

### Evaluate The Boiler Capacity

Ensure that your boiler has enough capacity to reach the required pool temperature, and to maintain it at this temperature through daily use.

**To maintain the pool at the required temperature, the boiler should have the capacity to handle the pool heat losses, calculated as:**

Heat Loss [Btu/hr] = 12 x [pool surface area (sqft)] x [pool temperature (°F) - air temperature (°F)]



IBC Technologies

sales@ibcboiler.com ■ www.ibcboiler.com

**Toll Free: 1-844-HEAT IBC / 1-844-432-8422**

All information contained in this brochure is subject to change without notice. Due to clerical error, regulation change or product development please confirm all information with IBC INTERGAS