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SST

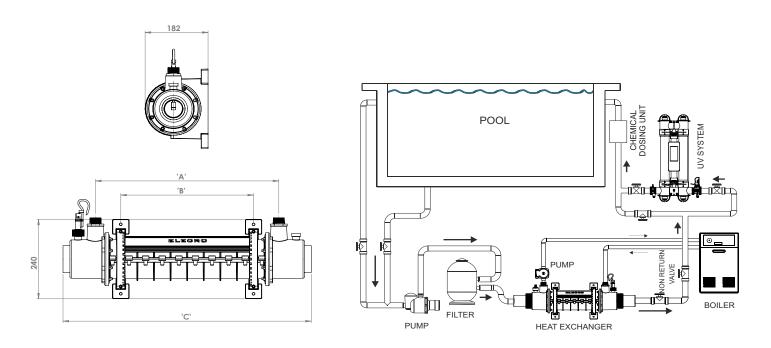
The SST (Shell & Spiral Tube) is a titanium spiral tube heat exchanger with a rigid specially formulated shell that has a high-pressure tolerance and is the perfect solution for demanding applications.



FEATURES

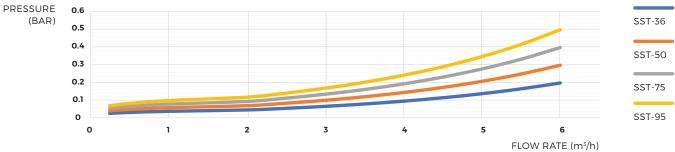
- Four models ranging from 36-kW to 95-kW
- · Special formulated polymer
- \cdot Coiled titanium primary casing
- \cdot Salt and sea water compatible
- · 30 bar (primary) and 3 bar (secondary) pressure tolerance
- \cdot Low pressure drop
- With optional Smart Touchscreen Controller & Booster Pump
- \cdot Temperature and flow sensor port
- · Floor or wall mountable

TECHNICAL DRAWINGS

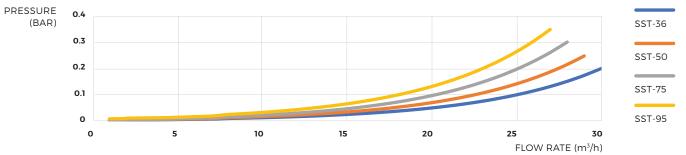


PRESSURE DROP

PRESSURE DROP PRIMARY CIRCUIT



PRESSURE DROP SECONDARY CIRCUIT



SPECIFICATIONS

PRIMARY CIRCUIT

FLOW TUBE	Coiled titanium
WATER CONNECTIONS	1" BSP male fittings
WORKING PRESSURE	30 bar maximum

SECONDARY CIRCUIT

FLOW TUBE	Special formulated polymer				
WATER CONNECTIONS	2½" / 63mm stepped ABS unions for rigid pipe connection with 1½" / 50mm reducers				
WORKING PRESSURE	3 bar maximum				

MODELS

PRODUCT CODES	STANDARD POWER OUTP		ON DIMENSI 'B'	ON DIMENSIOI	N NET WEIGHT	GROSS WEIGHT	VOLUME
CODES	FOWER COTF	mm	mm	mm	kg	kg	m³
SST-36	36-kW (123K B1	TU) 290	143	478	4.7	5.8	0.055
SST-50	50-kW (171K B1	TU) 386	240	574	5.2	6.4	0.055
SST-75	75-kW (256K B	TU) 530	384	718	6.3	7.6	0.075
SST-95	95-kW (324K B	TU) 674	528	862	7.2	8.7	0.075
STANDARD OUTPUT	PRIMARY FLOW	PRIMARY PRESSURE LOSS	SECONDARY FLOW	SECONDARY PRESSURE LOSS	ΔΤ 50°C	ΔT 60°C	ΔT 70°C
	m³/h	Bar	m³/h	Bar	kW	kW	kW
36-kW	1.1	0.061	12	0.050	26	30	33
50-kW	2.5	0.068	15	0.050	31	34	39
75-kW	2.7	0.068	18	0.070	34	41	46
95-kW	3.2	0.077	18	0.092	41	50	56