

SST

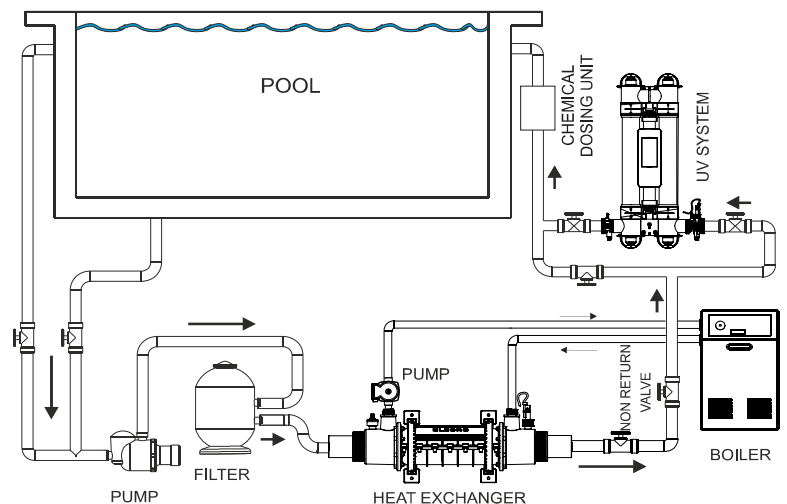
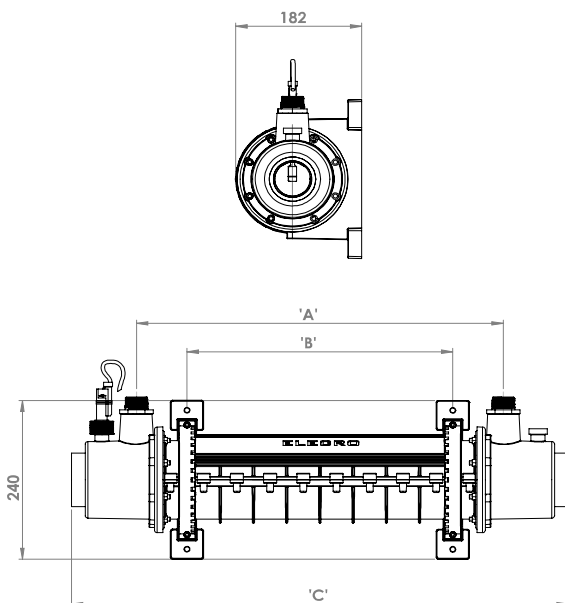
The SST (Shell & Spiral Tube) is a titanium spiral tube heat exchanger with a rigid specially formulated shell that has a high-pressure tolerance and is the perfect solution for demanding applications.



FEATURES

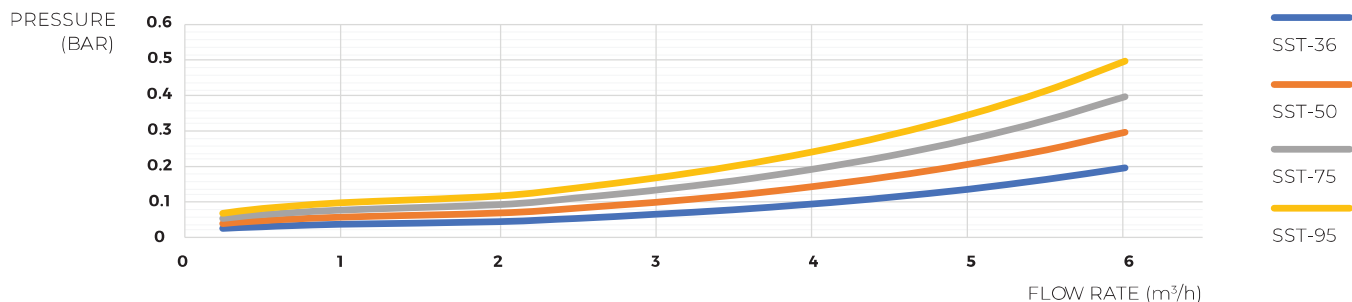
- Four models ranging from 36-kW to 95-kW
- Special formulated polymer
- Coiled titanium primary casing
- Salt and sea water compatible
- 30 bar (primary) and 3 bar (secondary) pressure tolerance
- Low pressure drop
- With optional Smart Touchscreen Controller & Booster Pump
- Temperature and flow sensor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

TECHNICAL DRAWINGS

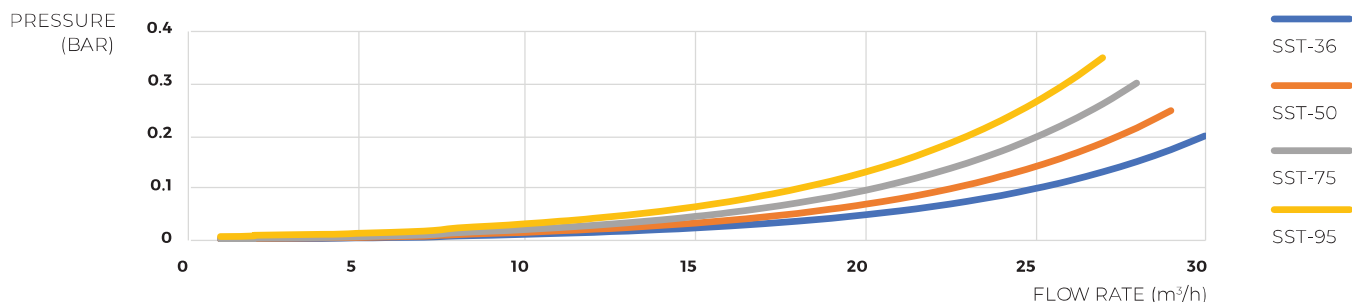


PRESSURE DROP

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 OUTPUT	DIMENSION 'A'	DIMENSION 'B'	DIMENSION 'C'	NET WEIGHT	GROSS WEIGHT	VOLUME
		mm	mm	mm			
SST-36	36-kW (123K BTU)	290	143	478	4.7	5.8	0.055
SST-50	50-kW (171K BTU)	386	240	574	5.2	6.4	0.055
SST-75	75-kW (256K BTU)	530	384	718	6.3	7.6	0.075
SST-95	95-kW (324K BTU)	674	528	862	7.2	8.7	0.075

STANDARD OUTPUT	PRIMARY FLOW	PRIMARY PRESSURE LOSS	SECONDARY FLOW	SECONDARY PRESSURE LOSS	ΔT 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