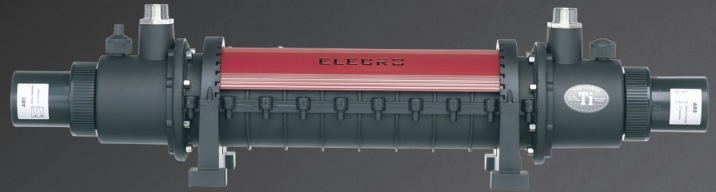


# SST

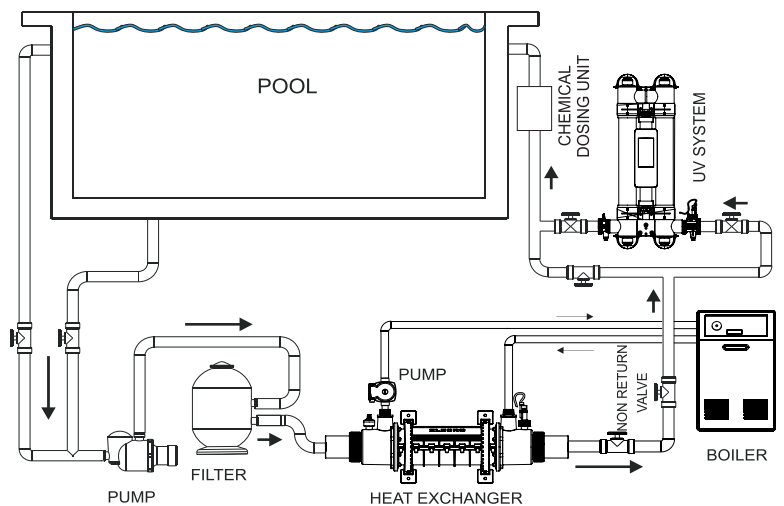
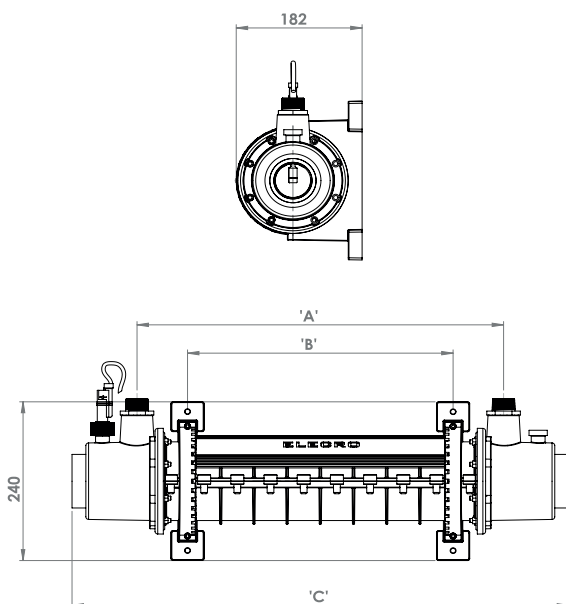
The SST (Shell & Spiral Tube) is a titanium spiral tube heat exchanger with a rigid specially formulated shell that has a high-pressure tolerance and is the perfect solution for demanding applications.



## FEATURES

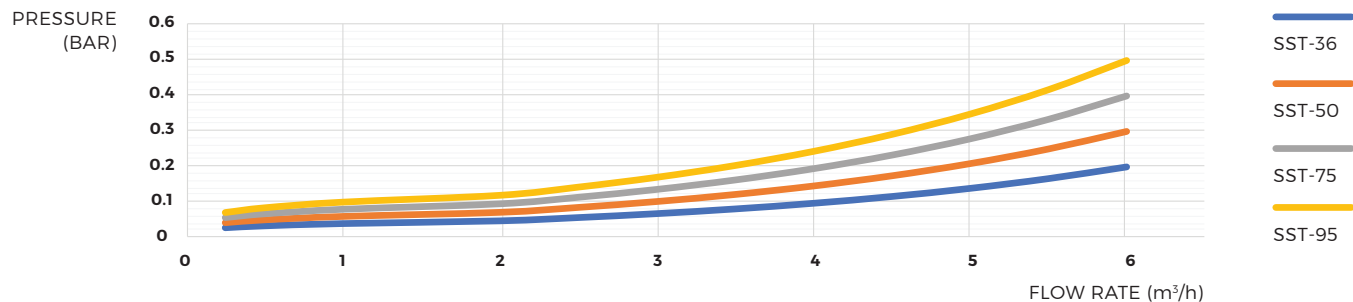
- Four models ranging from 36-kW to 95-kW
- Special formulated polymer
- Coiled titanium primary casing
- Salt and sea water compatible
- 30 bar (primary) and 3 bar (secondary) pressure tolerance
- Low pressure drop
- With optional Smart Touchscreen Controller & Booster Pump
- Temperature and flow sensor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

## TECHNICAL DRAWINGS

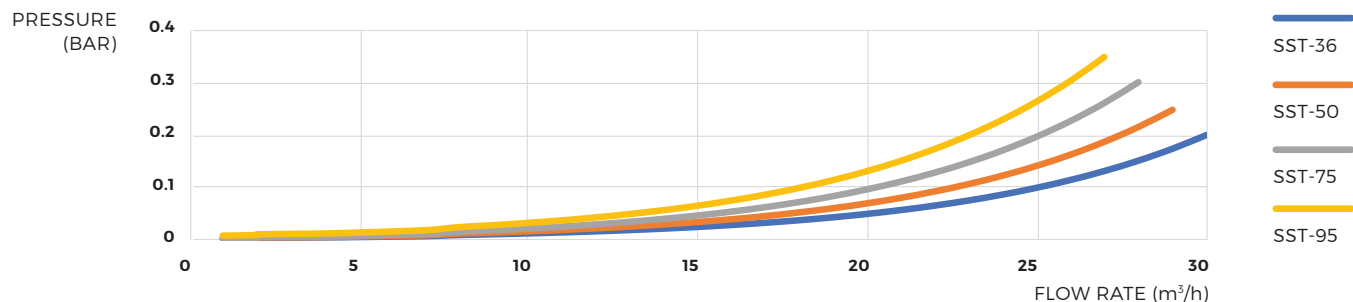


# PRESSURE DROP

## PRESSURE DROP PRIMARY CIRCUIT



## PRESSURE DROP SECONDARY CIRCUIT



# SPECIFICATIONS

## PRIMARY CIRCUIT

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

## SECONDARY CIRCUIT

<b>FLOW TUBE</b>	Special formulated polymer
<b>WATER CONNECTIONS</b>	2½" / 63mm stepped ABS unions for rigid pipe connection with 1½" / 50mm reducers
<b>WORKING PRESSURE</b>	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	5.250	6.250	0.050
SST-50	50-kW (171K BTU)	386	240	574	5.750	6.750	0.050
SST-75	75-kW (256K BTU)	530	384	718	6.530	7.830	0.069
SST-95	95-kW (324K BTU)	674	528	862	7.430	8.930	0.069

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	0.04	12	0.016	29	36	41
50-kW	2.5	0.08	15	0.035	42	50	57
75-kW	2.7	0.12	18	0.070	51	64	75
95-kW	3.2	0.18	18	0.099	67	81	95