



## Who We Are

BLUEPOOL is member of the BAODE Group.
With over a decade of experience, BLUEPOOL is a renowned specialist in the design, engineering, and fabrication of stainless steel and Titanium heat exchangers.

Our teams of engineers, designers and manufacturing specialists, ensure that BLUEPOOL remain at the forefront of advanced heat transfer solutions.

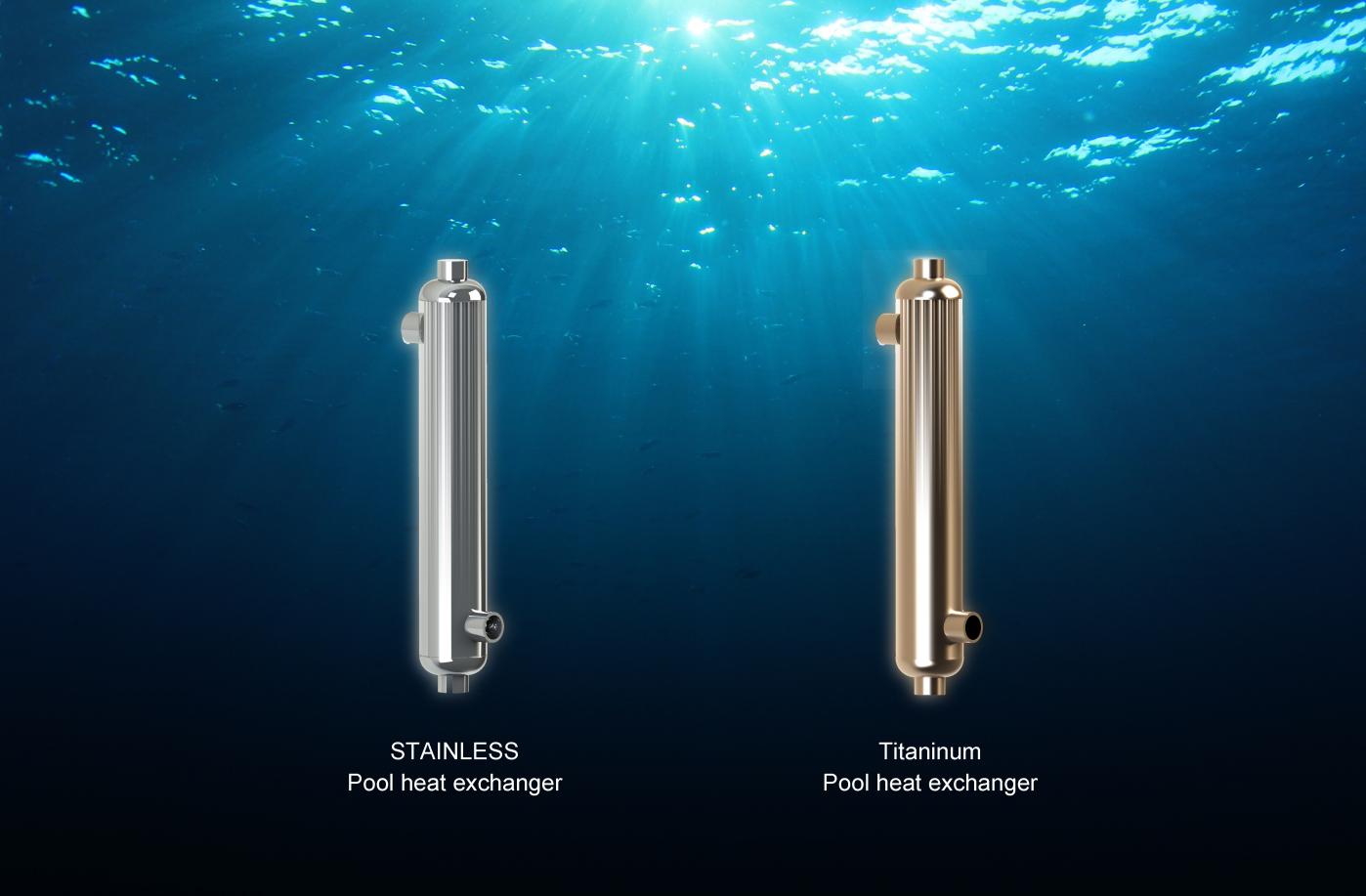
With proven product designs, a "art craft quality" attitude, and automated production process, we are able to carry out the most complex and technologically advanced projects.

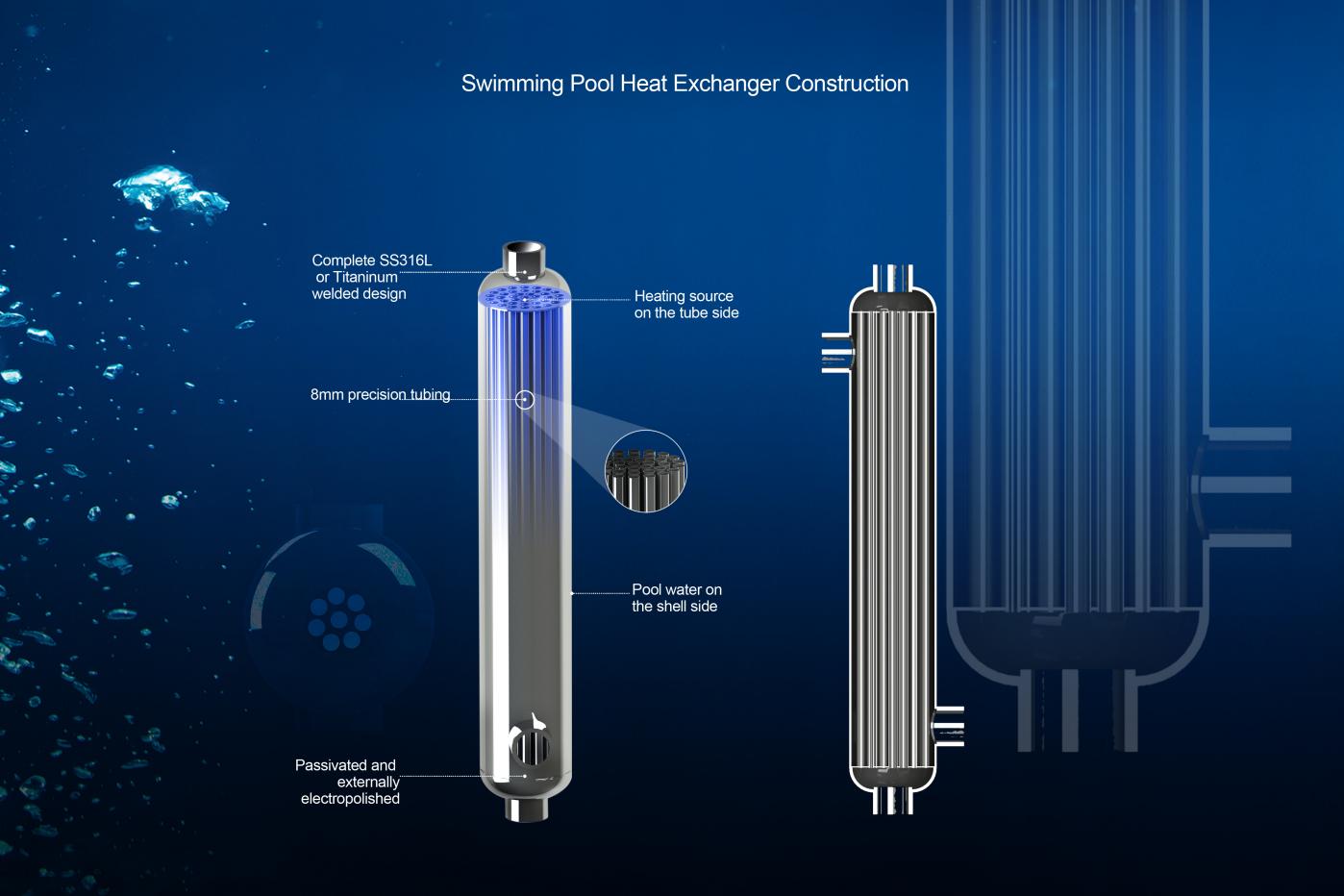
Our facilities utilize the most leading edge processes, advanced automated and robotic systems and well sourced materials for the most stringent of applications. CFD analysis and simulation software improve our modelling capabilities and help analyze multiple design variations

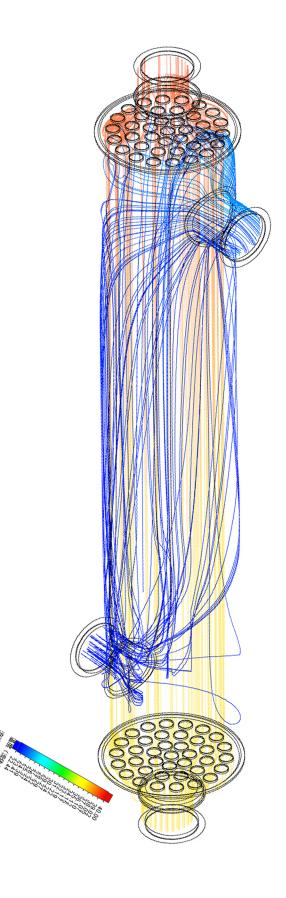
Our strict quality management system ensures that we continue to provide top quality products that clients have come to associate with BLUEPOOL brand.

## Applications:

- Swimming pool , spa heating
- Flooring heating
- Solar heating
- Oil cooler

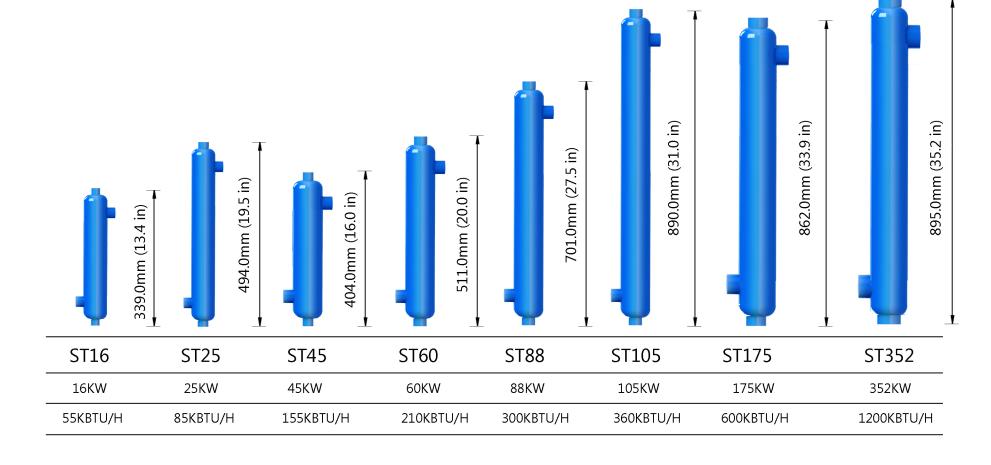




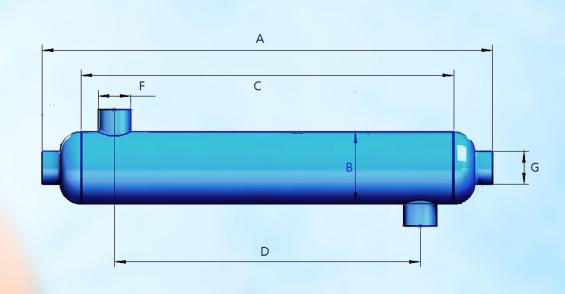


# **MODEL SPECIFICATION**

SS316L	Titanium
Fresh water applications	Complete immunity to chorine and chlorides
Standard chlorinated	
pools	Salt water systems involoving elevated
Chloride concentration below 400mg/l	temperatures (e.g. steam)
Chlorine concentration below 0.8mg/l (long term)	Pool systems using refrigerants as a heating source
Chlorine concentration below 1.2mg/l (short term)	







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MODELS	Heat Exchange Area	A	В	C	D	E	F	G
ST16	0.15	374	64.5	294	234	30	1"	3/4"
ST25	0.25	476	64.5	396	336	30	1"	3/4"
ST45	0.33	379	81	294	218	38	1 1/2"	1"
ST60	0.44	481	81	396	320	38	1 1/2"	1 1/2"
ST88	0.64	665	81	580	490	45	2"	1 1/2"
ST105	0.85	835	81	750	660	45	2"	1 1/2"
ST175	1.55	860	109	750	644	53	2 1/2"	2"
ST352	2.01	890	126	750	644	53	2 1/2"	2"

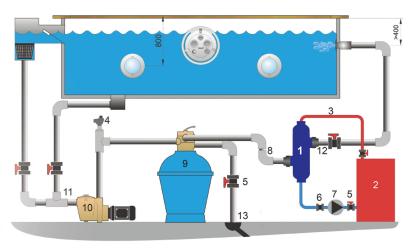








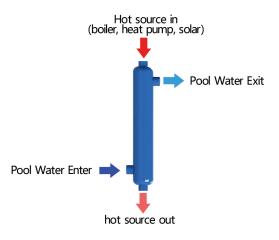
### **INSTALLATION GUIDE**



- 1. Heat exchanger
- 2. Boiler, solar or heat pump
- 3. Primary hot water circuit
- 4. Themostat
- 5. Gate valve
- 6. Check valve
- 7. Circulator

- 8. Secondary circuit (pool water)
- 9. Filter
- 10. Pump
- 11. From pool
- 12. Return pool
- 13. Waste

Pool Heat Exchanger pipe connection guide.



#### TO BE THE BEST SWIMMING POOL HEAT EXCHANGER IN THE WORLD



Emai: info@blue-pool.com WWW.BLUE-POOL.COM