



The Middle East's First Modular Swimming Pool





The Pinnacle of Modular Pool Luxury



Imagine a swimming pool that fits seamlessly into your lifestyle and landscape. The ThermaPool, our luxury modular swimming pool, offers just that. Customisable with modular loungers that display ultra-luxury LED lighting, the ThermaPool brings the bliss of indulging in water to your garden. The innovative modular design ensures quick installation and the flexibility to adapt to any space; whether it be a small garden patio or a terrace, the high-quality materials and elegant aesthetics promise years of enjoyment and style.



Introducing ThermaPool: A New Era of Luxury Modular Swimming Pools in the UAE

Elevate your home with the unparalleled elegance and innovation of the ThermaPool, the first of its kind in the UAE, brought to you by The Water Works. This luxurious modular swimming pool is not just a pool; it's a statement of sophisticated living, designed to provide an unmatched aquatic experience.

Exquisite Design and Unmatched Durability

Crafted from premium GRP composite with a 10mm GRP Reinforced Shell, the ThermaPool sets the standard for durability and style. Finished with an antibacterial, hypoallergenic epoxy gel coat, it offers a lustrous, high-quality finish that not only looks spectacular but is also built to last against the harsh UAE climate.

Luxury Meets Innovation with Modular Design

Transform your backyard or terrace into a stunning oasis with ThermaPool's customisable modular design. Featuring integrated loungers with atmospheric LED lighting, the pool invites you to immerse in an ambient relaxation space that is both beautiful and functional. Each lounger is adorned with high-quality waterproof fabric cushions as standard, enhancing comfort while adding a touch of elegance.

Smart Temperature Control for Year-Round Enjoyment

Equipped with a powerful heater chiller unit that is Wi-Fi/app compatible, the ThermaPool allows you to control the water temperature to suit your preference, ensuring perfect swimming conditions throughout the year. Whether it's cooling down during the hot summer months or heating up for a comfortable winter dip, your pool's temperature is always at your fingertips.

Sustainable Luxury at Its Best

The ThermaPool is not only a luxury statement but also a nod to sustainability. Built with a 3-side overflow system, it ensures efficient water use and superior cleanliness, reflecting our commitment to eco-friendly design. Not only that, there is no construction required on site and the product can be moved anywhere at anytime.



Three Unique Colours

Artic White

Grecian Beige Amalfi Grey





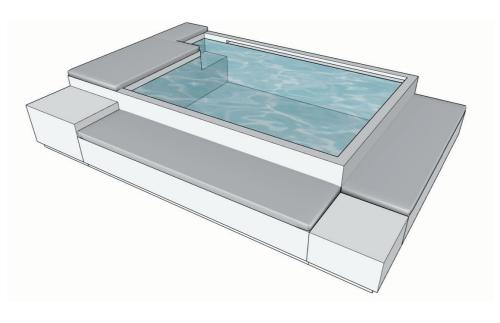


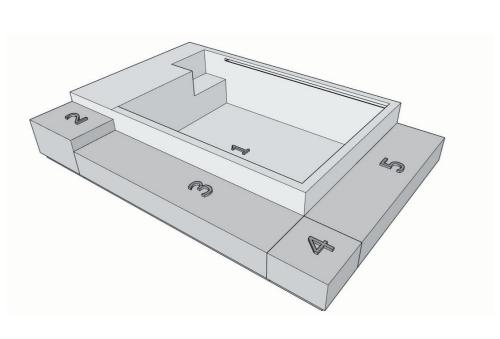


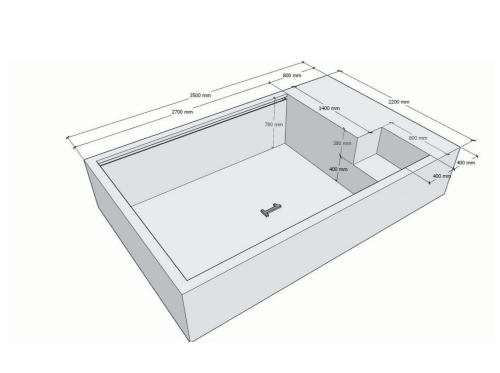


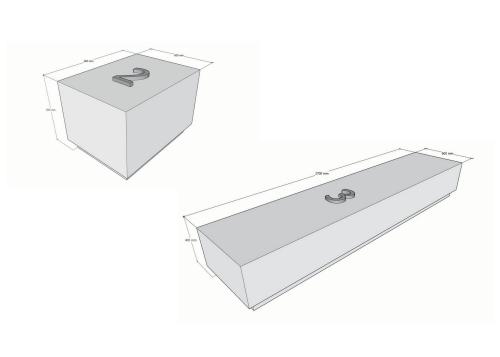


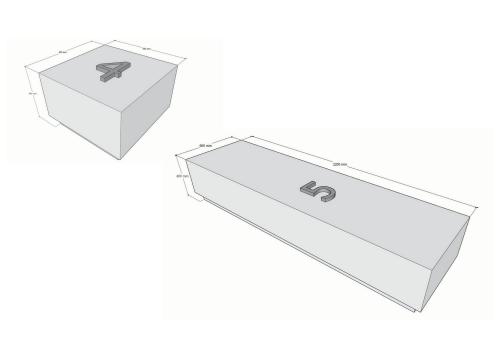










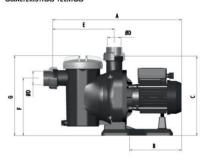




1HP Self Priming Pump



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COD.	Cv	A	В	C	D	E	F	6	Н	- 1
25461	1/3	472,5	191,1	290,5	50	225,5	210,5	292	199	142
25462	1/2	472,5	191,1	290,5	50	225,5	210,5	292	199	142
25463	3/4	489	208,2	290,5	50	225,5	210,5	292	199	142
25464	3/4 III	489	208,2	290,5	50	225,5	210,5	292	199	142
25465	111	489	208,2	290,5	50	225,5	210,5	292	199	142
25466	1 III	489	208,2	290,5	50	225,5	210,5	292	199	142
25467	1,25	489	208,2	290,5	50	225,5	210,5	292	199	142
25468	1,25 III	489	208,2	290,5	50	225,5	210,5	292	199	142



See performance curves or

SELF-PRIMING PUMPS



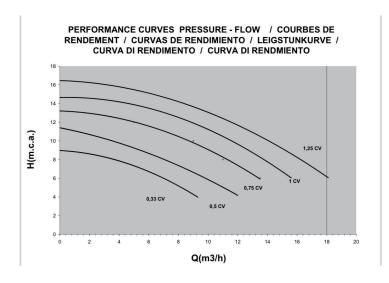
Sena pump

A compact self-priming pump with single-phase from 1/3 hp up to 1.25 hp in and three-phase motors from \(^4\) hp to 1.25 hp. GS marking. IP-55 protection rating, Class F insulation and AISI-316 stainless steel for all components in direct contact with water. Glue-in pipe connection sleeve 50 mm in diameter.

Flow rates in I/h at 6 mwc for 0.33 hp, 8 mwc for 1/2 hp and 10 mwc for the rest of range. 3,000 rpm.



	Code	Standard Pack	Standard Weight in kg	Standard Volume in m ³
7,000 l/h, 1/3 HP, 230 V II	25461	1	10.20	0.055
7,800 l/h, 1/2 HP, 230 V II	25462	1	10.20	0.055
9,000 l/h, 3/4 HP, 230 V II	25463	1	11.65	0.055
9,000 l/h, 3/4 HP, 230/400 V III	25464	1	11.40	0.055
11,800 l/h, 1 HP, 230 V II	25465	1	12.75	0.055
11,800 l/h, 1 HP, 230/400 V III	25466	1	13.00	0.055
14,000 l/h, 1,25 HP, 230 V II	25467	1	13.75	0.055
14.000 l/h, 1.25 HP, 230/400 V III	25468	1	13.55	0.055





Heater Chiller Unit

POOL HEATING Heat & Chill Pump



HEAT AND CHILL PUMP

PROTEAM Europa Heat and Chill pump can be used for heating or cooling swimming pool. spa or some other open water System. The heat and chill pump manufactured very highest international standard quality with advanced technologies to maximize the performance and minimize the consumption. In consideration of this ,PROTEAM heat pumps have always been specifically designed to have higher COP at lower temperature when maximum energy in needed. all PROTEAM heat pumps will be available with environmentally friendly refrigerant.



HOW DO HEAT PUMP WORKS

PROTEAM Europa Heat pump and chill pump principle Heat pumps function like a reversed air conditioning cooling system. The heat pump fan draws ambient air through the outer evaporator air coil that acts as a heat collector. The air coil has a liquid refrigerant which absorbs available heat in the passing air transforming it in to a gas which is compressed by a compressor. When the gas is compressed it intensifies and concentrates the heat. This intense hot gas is then pumped in to the heat exchange condenser where the actual heat exchanger take place. As the pool water passes through the heat exchanger, the hot gas gives up its heat to the cooler pool water. Uses freely available air energy 4-5 times more effective than conventional electrical heaters. If heat energy is converted to KW you get 4-5 kW of heating/cooling output For every KW of power consumed, you get at least 4-5 KW of free power.



HIGHLY EFFICIENCY

Adopt heat pump for heating and the energy comes from ambient air. So its COP can reach 4.0 - 5.0. 70% can be saved compared with normal electrical heater.

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Water and electricity are completely separate. ECO friendly gas, no fire, no electricity leakage, safer than fuel burner or electrical heater.

ENVIRONMENTALLY FRIENDLY

Adopt R407-C, R410-A, R134-A, R22 as refrigerant according to the requirements of EU Montreal protocol.

LONG LIFE RUNNING

Titanium heat exchanger in PVC shell makes it super strong and resistant against erosion caused by chlorine and salt, SS316 casing for titanium heat exchanger is an option.

COMPRESSOR

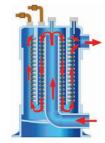
We use the reliable COPELAND scroll compressor. The simple design is with very few moving parts that enable it to operate at lower sound and vibration levels than reciprocating compressors. Test has shown that scroll compressors are up to three times quieter than other models. Millions of air conditioner around the world using Copeland scroll compressors is testimony to its quality and efficiency.



This is made of double spiraled titanium tubes encased in PVC for additional protection against corrosive pool water. Titanium heat exchangers are superior to stainless steel and make the heat pump more efficiency and cost effective. The double spiraling of the heat exchanger increase the surface area that comes in contact with the pool water and also drastically reduces scaling



The tubes are made of copper and the fins in aluminium. The extra-large evaporator coils are designed to collect more heat from the outside air to ensure performance in even the most adverse conditions.





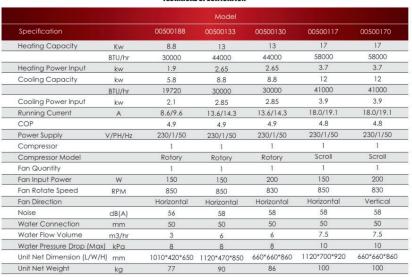


Model 00500188

POOL HEATING Heat & Chill Pump



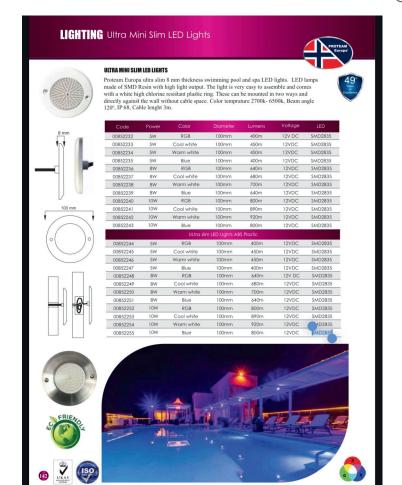
TECHNICAL SPECIFICATION







Pool Lighting - Warm/Cool White 1 x 10w Stainless Steel Ultra Slim LED Light





Modular Lounger Lighting LED Strip Lighting - Warm/Cool White





Stainless Steel Inlet Fittings





- Ø25 mm: 7 m³/h
- 4 x Ø7.8 mm: 2.9 m³/h









	Code	Standard Pack	Standard weight in kg	Standard volume in m ³
Round - Ball 20mm - L35mm	75164	1	0.325	0.001
Round - Ball 20mm - L50mm	75165	1	0.415	0.001
Round - Ball 25mm - L35mm	75166	1	0.295	0.001
Round - Ball 25mm - L50mm	75167	1	0.385	0.001
Round Ball 4 x 7.8mm - L35mm	75168	1	0.305	0.001
Round Ball 4 x 7.8mm - L50mm	75169	1	0.395	0.001
Square - Ball 20mm - L35mm	75170	1	0.325	0.001
Square - Ball 20mm - L50mm	75171	1	0.415	0.001
Square - Ball 25mm - L35mm	75172	1	0.295	0.001
Square - Ball 25mm - L50mm	75173	1	0.385	0.001
Square - Ball 4 x 7.8mm - L35mm	75174	1	0.305	0.001
Square - Ball 4 x 7.8mm - L50mm	75175	1	0.395	0.001



Additional Equipment

Maintenance Kit	To Include 2.5m Telescopic Handle, 10- 15m 1½" flexible hose, 15"Curve Brush, Deep Net or Leaf Net and 9" vacuum Head
Cartridge Filter	Proteam Cartridge Filter Element CF750
Pipes	E-Class wall thickness not less than 2.5mm- (Size Range ½" to 2½") withstanding pressure of not less than 9 Bar
Fittings/Valves	Size Range ½" to 2½") withstanding pressure of not less than 9 Bar
Transformer	Transformer 240Volts to 12Volts x 300Watt Step Down Magnetic transformer
Control Panel	Wall Mounted Powder coated metal box with required ELCB MCCB, Isolators, analogue Clock Timer & Remote switches as per DEWA & municipality Specifications. (Class 1-IP55)
Pool Cover	Full Pool Cover with high quality waterproof fabric

