

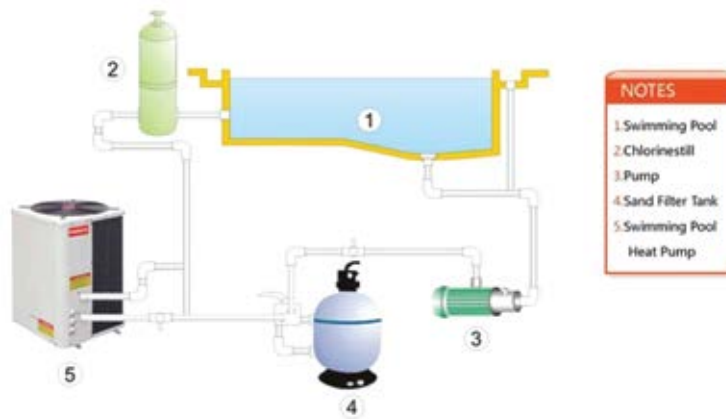
Heat Pump Pool Heaters With PVC Titanium Heat Exchanger Top Discharge



For Swimming Pool, Spa, Aquaculture water for shrimp or fish farming

Alpha Heat Pumps pool heaters handles both the heating and cooling functions automatically in both freshwater and salt water applications. A properly sized and installed heat pump will provide stable, thermostatically controlled water temperature. In the cooling mode, the heat pump works as a chiller, cooling water to the temperature you select. In the heating mode, the heat pump works with the liquid refrigerant (R407c) flow in reverse. R407c absorbs heat from the air as it moves thru the condenser. As it heats, the R407c becomes a gas, which is then compressed by the compressor. The heat carried by the R407c is then released into the titanium heat exchanger and transferred into the circulated water.

Pool Heating and cooling



Model		YAPA-125HL	YAPA-140HL	YAPA-170HL	YAPA-210HS	YAPA-260HS
Heating Capacity	KW	12.5	14	17	21	26
Heating Input Power	KW	2.82	2.88	3.5	4.25	5.30
Heating Running Current	A	13.1	13.3	16.1	7.8	9.5
Cooling Capacity	KW	7.2	8.6	10.3	13.5	16.0
Cooling Input Power	KW	2.85	2.98	3.6	4.65	5.73
Cooling Running Current	A	13.2	13.8	16.9	8.4	10.1
Power Supply	V/PH/HZ	220V/1Ph/50Hz			380V/3Ph/50Hz	
Refrigerant type / Compressor		407c / Rotary	407c / Scroll			
Controller		Intelligent LCD Controller				
Codensor		PVC Titanium Heat Exchanger				
Noise	dB(A)	58	58	58	58	58
Water Connection	mm	50	50	50	50	50
Water Flow Volume	m ³ /h	5-8	5-8	5-8	6-10	6-12
Water Pressure Drop (Max)	kpa	15	15	16	16	16
Unit Dimension (L*w*H)	mm	660 / 660 / 860	660 / 660 / 860	660 / 660 / 960	660 / 660 / 960	660 / 660 / 960
Packing Size (L*w*H)	mm	700 / 750 / 1010	700 / 750 / 1010	700 / 750 / 1100	700 / 750 / 1110	700 / 750 / 1110
Net / Gross Weight	kg	91 / 98	105 / 113	108 / 120	111 / 123	112 / 125

Note :
Measurement conditions:
Heating : Dry bulb 24 C, web bulb 19 C, inlet water temp.27

Cooling : Dry bulb 35 C, web bulb 24 C, inlet water temp.27