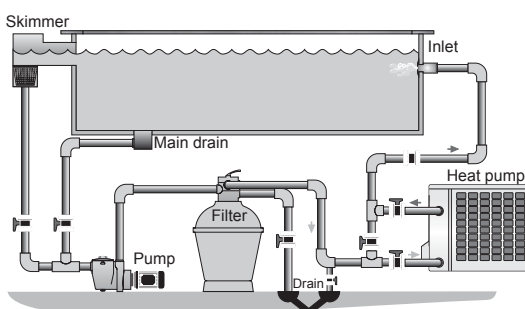
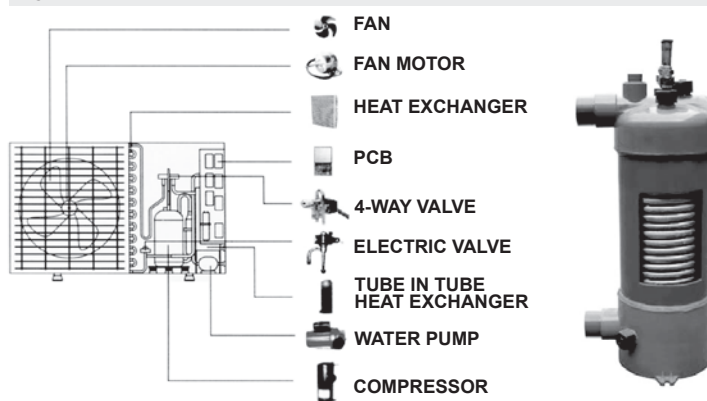


For Swimming Pool, Spa, Aquaculture water for shrimp or fish farming

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.



System



Specification

Model		YAPB-38HL	YAPB-53HL	YAPB-78HL	YAPB-95HL
Heating Capacity	KW	3.8	5.3	7.8	9.5
Heating Input Power	KW	1.08	1.19	2.05	2.37
Heating Running Current	A	5	5.5	9.5	11
Cooling Capacity	KW	2.8	3.8	5.5	6.5
Cooling Input Power	KW	1.05	1.25	2.16	2.46
Cooling Running Current	A	4.9	5.8	10	11.4
Power Supply	V/PH/HZ	220V/1Ph/50Hz			
Refrigerant type / Compressor		407c / Rotary			
Controller		Intelligent LCD Controller			
Codensor		PVC Titanium Heat Exchanger			
Noise	dB(A)	48	48	48	48
Water Connection	mm	50	50	50	50
Water Flow Volume	m³/h	1.75	2.75	3	4.9
Water Pressure Drop (Max)	kpa	10	12	12	15
Unit Dimension (L*w*H)	mm	940*360*550	940*360*550	940*360*550	1010*370*615
Packing Size (L*w*H)	mm	1045*390*590	1045*390*590	1045*390*590	1120*395*655
Net / Gross Weight	kg	41 / 47	43 / 50	50 / 57	58 / 65

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 *last updated 03/16

