



# SWIMMING POOL HEAT PUMP



## SPECIFICATIONS

Item/Type	Unit	VA-WPH15	VA-WPH20	VA-WPH40	VA-WPH45	VA-WPH50	VA-WPH60L	VA-WPH60	
Fan location		Top							
Heating Capacity	Warm	BTU/H	29344	42650	59368	63125	71655	95300	95300
		W	11000	12500	17400	18500	21000	27000	27000
*** see below	Cold	BTU/H	2444	32414	54592	58689	61419	92124	92124
		W	7164	9500	16000	17200	18000	25000	25000
Power input	Warm	W	1300	1900	2750	3300	4200	5192	5600
	Cold	W	1150	1800	2600	3100	3750	5000	5500
COP	Warm		6.62	6.58	6.33	5.6	5	5.2	4.8
	Cold		6.22	5.27	6.15	5.5	4.8	5	4.55
Running Current	Warm	A	5.9	8.6	14.3	15.8	22.5	23.5	10.3
	Cold	A	5.2	8.2	13.6	15	19.5	22.2	9.4
Circuit breaker	A	16	16	25	32	40	63 (32C)	20	
Power supply	V/Ph/Hz	220~240/1/50							380/3/50
Compressor		Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	
Heat Exchanger		Titanium heat exchanger in PVC housing							
Refrigerant		R407C							
Fan amount		1							
Fan power input	W	175							
Rotate speed	RPM	650							
Noise level	dB	47	47	51	54	56	59	58	
Connections	mm	50							
Water flow (min.)	M <sup>3</sup> /h	2.2	3	6	6	7.5	9	9	
Pressure drop	KPa	10	10	10	12	12	12	12	
Dimensions	mm	575*575*680	575*575*680	575*575*780	575*575*780	575*575*880	575*575*880	575*575*880	
Package size	mm	710*710*820	710*710*820	710*710*920	710*710*920	710*710*1020	710*710*1020	710*710*1020	
Nett/Gross weight	Kg	54/68	58/72	75/90	88/103	98/113	100/115	102/117	
*** Warm & Cold Conditions	Warm test conditions				Cold test conditions				
	Surrounding temp. 24°C db/ 19°C wb				Surrounding temp. 15°C db/ 11° wb				
	27°C entering water				27°C entering water				
	COP: 4.5~7.0				4.0~6.1				

Note : The above data is for reference. There will be no prior notice of technical improvement