

## Swimming Pool Heat Pump

This series is splendid for central heating and cooling with fan coil units, which is suitable for villas, hotels, factories, schools, salons, leisure centers, etc.

### FEATURES :-

- American Copeland scroll compressor
- Titanium tube in PVC shell heat exchanger
- Thermostatic expansion valve
- Easy installation and operation
- Defrosting (Optional)
- Stable running / Durable
- Cooling (Option available)
- Range available for big size pool



		RS-SP-11	RS-SP-14	RS-SP-21	RS-SP-27	RS-SP-35	RS-SP-45V	RS-SP-55V	
HP		2.5	3	5HP	6HP	8HP	10HP	12HP	
Heating Capacity	KW	11	14	21	27	35	45	55	
COP		3.93	4	4.87	4.84	4.86	4.84	4.82	
Max Output Water Temp	°C	45							
Power Supply		380~415V/50Hz/3Ph							
Input Power	KW	2.8	3.5	4.4	5.28	7.3	9.4	10.95	
Current	A	5	5.9	8.3	10	13.9	17.9	20.8	
Max Input Power	KW	4.5	5.3	6.1	7.5	10	13.5	15.1	
Max Current	A	8.2	10.3	11.6	14.4	19	25.6	28.7	
Evaporator Coil		Blue Finned Evaporator Coil							
Throttling Valve		Thermostatic Expansion Valve							
Heat Exchanger (Condenser)		PVC Shell Titanium Condenser							
Refrigerant		R407C / R410A							
Compressor		Reciprocating			Scroll (Emerson Copeland/Panasonic)				
Number of Compressor					1			2	
Fan Quantity					1			2	
Fan Discharging	Piece				1			2	
Water Flow		Horizontal			Vertical				
Pipe Size	m3/H	4.8	6	9	12.5	15	20	23	
Noise at 1 Meter	inch	1-1/2			2				
Dimension (L x W x H)	db(A)	≤53	≤55	≤56	≤58	≤61		≤66	
	mm	1250 x 660 x 725	1250 x 660 x 725	800 x 800 x 1025	800 x 800 x 1025	1100 x 1100 x 1295	1650 x 950 x 1625	1650 x 950 x 1625	
Weight	kg	120	130	150	170	244	284	316	

## Swimming Pool Heat Pump



1. Swimming Pool
2. Chlorinator
3. Pump
4. Sand Filter
5. Pool Chiller & Heat Pump

		RS-SP-70V	RS-SP-90V	RS-SP-110V	RS-SP-140V	RS-SP-180V	RS-SP-220V
HP		15HP	20HP 90	25HP	30HP	40HP	50HP
Heating Capacity	KW	70	4.84	110	140	180	220
COP		4.83		4.82	4.83	4.81	4.82
Max Output Water Temp	°C	45			45		
Power Supply		380~415V/50Hz/3Ph					
Input Power	KW	14.4	18.6	22.82	28.9	36.5	45.64
Current	A	26	34.5	43.3	55.1	69.1	86.7
Max Input Power	KW	18.9	25.4	31.5	38.8	51	63
Max Current	A	35.9	48.2	59.8	73.7	97	120
Evaporator Coil		Blue Finned Evaporator Coil					
Throttling Valve		Thermostatic Expansion Valve					
Heat Exchanger (Condenser)		PVC Shell Titanium Condenser					
Refrigerant		R407C / R410A					
Compressor		Scroll (Emerson Copeland/Panasonic)					
Number of Compressor		2				4	
Fan Quantity	Piece	2				4	
Fan Discharging		Vertical					
Water Flow	m3/H	28	37	47	60	75	95
Pipe Size	inch	2	2-1/2	3			
Noise at 1 Meter	db(A)	≤66	≤66	≤68	≤70	≤75	≤76
Dimension (L × W × H)	mm	1850 × 950 × 1635	1990 × 980 × 2045	2250 × 1090 × 1785	2250 × 1090 × 1785	2200 × 1120 × 2295	2200 × 1120 × 2295
Weight	kg	510	540	730	870	1160	1200

Note: Sizes may change in future, please ask before placing order.