



# SWIMMING POOL INVERTER HEAT PUMP

## V-BP-SW Swimming pool inverter heat pump(Side Air Outlet)

The heat pump utilizes advanced DC inverter-driven technology, enabling stable and efficient operation of the compressor and fan motor across various environments, delivering high-efficiency heating performance.

The DC inverter technology adjusts the compressor speed according to actual demand, achieving high energy efficiency and reducing operating costs.

Equipped with an intelligent control system, the unit automatically adjusts its operation based on indoor temperature to achieve precise temperature control and enhance comfort.

The DC inverter technology ensures smoother and quieter unit operation, reducing noise levels to create a tranquil and comfortable living environment.

**Suitable for various locations such as residences, villas, resorts, and commercial establishments, meeting the diverse heating needs of heat pumps.**

### V-BP-SW Series Side Air Outlet Swimming Pool Inverter Heat Pump

Model	V-040BP-SW	V-060BP-SW	V-080BP-SW	V-100BP-SW	V-125BP-SW	V-175BP-SW		
Rated Heating (A24°C/W26°C)	Heating Capacity kw	18.0	28.3	37.8	49.6	61.5	84.8	
	COP w/w	5.2	5.2	5.2	5.6	5.6	5.6	
	Power kw	3.5	5.4	7.3	8.9	11.0	15.1	
Nominal Heating (A20°C/W26°C)	Heating Capacity kw	16.5	25.2	33.6	42.0	52.5	72.0	
	COP w/w	4.8	4.8	4.8	4.8	4.8	4.8	
	Power kw	3.4	5.3	7.0	8.8	10.9	15.0	
Current A		5.9	9.3	12.4	15.1	18.7	25.9	
Power Supply /		220V/1Ph/50Hz			380V/3N~/50Hz			
Max. Current Input	A	30	15	19	25	30	38	
Max. Power Input	kw	6.6	8.4	10.6	14.0	16.8	21.3	
Compressor Type /	Hermetic Rotary DC Inverter Compressor				Hermetic Scroll DC Inverter Compressor			
Fan Motor Type /	Brushless DC Inverter Motor							
Water-Side Heat Exchanger Type /	Heat Exchanger with Externally Threaded Pure Titanium Tubes & PVC Casing							
Water Pressure Drop	kPa	25	32	35	41	45	47	
Noise	dB(A)	50	52	53	56	61	63	
Connection Size(PVC)	mm	DE50 Union	DE50 Union	DE50 Union	DE50 Union	DE63 Flange	DE75 Flange	
Water Flow	m³/h	6	8	11	14	17	23	
Refrigerant /	R410A							
Operating Temperature Range	°C	-12~48						
Dimensions	Length	mm	1050	1034	1034	1134	1200	1320
	Width	mm	450	506	506	542	506	680
	Height	mm	810	1368	1368	1410	1565	1665
Weight	kg	96	156	172	215	285	305	

- Rated Heating Condition: Outdoor Ambient Temp. (DB/WB): 24°C/19°C, Water Temp. (In): 26°C.  
 - Nominal Heating Condition: Outdoor Ambient Temp. (DB/WB): 20°C/15°C, Water Temp. (In): 26°C.  
 - The data above is for reference only. For model specifications, please refer to the nameplate on the unit.



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