

GOODHEAT

High-efficiency, low-noise pool heating solution with eco-friendly R32 refrigerant and inverter technology.

- ! Titanium heat exchanger for long-term durability
- ! Corrosion-resistant ABS plastic casing
- ! Full DC inverter for precise temperature control

The GOODHEAT R32 Side-Discharge Swimming Pool Heat Pump delivers efficient, quiet, and environmentally friendly pool heating and cooling for residential and commercial applications. Using eco-friendly R32 refrigerant and full DC inverter technology, it achieves high COP performance while significantly reducing energy consumption.

The side-discharge design ensures flexible installation and stable airflow, while intelligent control features—including WiFi/App connectivity—provide convenient operation and real-time monitoring. With wide ambient operating capability and multiple protection functions, it ensures reliable performance throughout the swimming season.



R32 eco-friendly refrigerant



COP up to 16



Noise as low as 39dB(A)



Remote control management: WiFi & APP & IOT platform



Capacity	7kW	9kW	12kW	15kW	18kW	25kW	35kW	25kW	35kW
Model	GSPVSH-GSPVSH-		GSPVSH-GSPVSH-		GSPVSH-GSPVSH-		GSPVTH-GSPVTH-		GSPVTH-
	7BA1	9BA1	12BA1	15BA1	18BA1	25BA1	35BA1	25BA1	35BA1
Power Supply	220~240V/1N~/50Hz						380~415V/3N~/50Hz		
Advised Pool Size(m³)	15~25	18~35	25~45	30~55	35~65	50~95	65~120	50~95	65~120
Heating Capacity at Air 26°C, Humidity 80%, Water 26°C in, 28°C out									
Heating Capacity(kW)	1.70~7.60	2.30~9.50	3.00~12.00	3.80~15.00	4.80~18.00	6.80~25.00	8.80~35.00	6.80~25.00	8.80~35.00
Power Input(kW)	0.11~1.12	0.15~1.41	0.18~1.73	0.23~2.14	0.30~2.64	0.43~3.57	0.54~5.13	0.43~3.57	0.54~5.13
COP	6.81~16.20	6.82~16.30	6.90~16.30	7.00~16.40	6.81~16.20	7.00~16.30	6.82~16.40	7.00~16.30	6.82~16.40
Average COP at 50% Capacity	11.80	12.00	11.80	11.90	11.80	11.60	11.80	11.60	11.80
Heating Capacity at Air 15°C, Humidity 70%, Water 26°C in, 28°C out									
Heating Capacity(kW)	1.40~6.10	1.90~7.60	2.30~9.80	3.00~12.50	3.80~16.50	5.50~22.00	6.40~25.50	5.50~22.00	6.40~25.50
Power Input(kW)	0.19~1.24	0.25~1.55	0.29~1.96	0.38~2.76	0.49~3.37	0.69~4.40	0.67~5.20	0.69~4.40	0.67~5.20
COP	4.90~7.50	4.90~7.60	5.00~7.80	4.90~8.00	4.90~7.80	8.00~5.00	4.90~8.10	5.00~8.00	4.90~8.10
Average COP at 50% Capacity	6.80	7.00	6.90	6.90	6.80	6.90	6.80	6.90	6.80
Cooling Capacity at Air 35°C, Water 29°C in, 27°C out									
Cooling Capacity(kW)	1.00~4.20	1.30~5.30	1.70~7.20	2.10~9.40	2.70~11.60	3.80~14.90	4.90~19.30	3.80~14.90	4.90~19.30
Power Input(kW)	0.15~1.11	0.19~1.40	0.25~1.89	0.31~2.47	0.40~3.05	0.77~3.92	0.73~5.08	0.77~3.92	0.99~5.08
EER	3.50~6.20	3.40~6.00	3.60~6.50	3.60~6.50	3.60~6.50	3.80~6.70	3.50~6.40	3.80~6.70	3.50~6.40
GENERAL DATA									
Max. Power Input(kW)	1.55	1.78	2.60	3.15	3.75	5.17	7.25	6.43	7.25
Max. Current(A)	7.30	8.30	11.80	14.50	17.50	24.50	33.50	7.90	12.80
Water Flow Volume(m³/h)	2.5	3.5	4.5	5.5	6.5	9.0	12.0	9.0	12.0
Heat Exchanger	Titanium								
Defrosting Way	By 4-way Valve								
Compressor	Mitsubishi 900+1600(e-heater)								
Casing Material	ABS 3.9+7.1(e-heater)								
Water Proof Level	IPX4 34.4								
Working Temp. Range(°C)	-15~43 450								
Water Pipe Connection	DN50								
Sound Pressure at 1m Distance(dB(A))	39~49	40~52	42~53	43~55	45~56	47~58	49~59	47~58	49~59
Sound Pressure at 10m Distance(dB(A))	20~29	20~32	22~33	23~35	25~36	27~38	29~39	27~38	29~39
Net Weight(kg)	42	43	43	46	50	88	98	88	98
Gross Weight(kg)	53	54	54	57	62	99	110	99	110
Net Dimensions(LxDxH)(mm)	880x340x590		920x380x650			1080x420x740			
Packed Dimensions(LxDxH)(mm)	930x440x640		990x440x760			1150x460x870			

Note: The data above is for reference only. Please refer to the nameplate on the unit if for more specific data.