

Swimming Pool Heat Pump-R32

Features & Advantages

- Full inverter, higher COP, better performance.
- R32 refrigerant, environmental friendly.
- Titanium heat exchanger, corrosion resistance .
- Intelligent controller.
- WIFI function included.
- MODBUS communication.
- Heating, cooling & Auto function included.



Technical Specifications



Model	BYC-007TB1	BYC-010TB1	BYC-013TB1	BYC-017TB1	BYC-021TB1	BYC-025TB1
Heating Capacity at Air 26°C, Humidity 80%, Water 26°C in, 28°C out						
Heating Capacity	7.8 ~ 1.8kW	9.8~2.3kW	12.6~3.0kW	16.5~3.8kW	20.5~4.7kW	25.5~6.4kW
Power Input	1.15 ~ 0.11kW	1.42~0.14kW	1.83~0.19kW	2.39~0.24kW	2.97~0.30kW	3.70~0.40
COP	15.8 ~ 6.8	15.8~6.9	15.9~6.9	15.9~6.9	15.8~6.9	15.9~6.9
Heating Capacity at Air 15°C, Humidity 70%, Water 26°C in, 28°C out						
Heating Capacity	6.2 ~ 1.4kW	7.7~1.8kW	9.8~2.3kW	12.2~2.7kW	15.1~3.5	20.2~4.9
Power Input	1.27 ~ 0.18kW	1.57~0.24kW	1.99~0.30kW	2.49~0.36kW	3.08~0.47	4.12~0.64
COP	7.6 ~ 4.9	7.6~4.9	7.6~4.9	7.6~4.9	7.6~4.9	7.6~4.9
Cooling Capacity at Air 35°C, Water 29°C in, 27°C out						
Cooling Capacity	4.3 ~ 1.1kW	5.5~1.4kW	7.3~1.7kW	9.1~2.2kW	11.2~2.5kW	14.5~3.2kW
Power Input	1.13 ~ 0.16kW	1.45~0.21kW	1.87~0.25kW	2.33~0.33kW	2.95~0.37kW	3.72~0.48kW
EER	6.7 ~ 3.8	6.7~3.8	6.7~3.9	6.7~3.9	6.7~3.8	6.7~3.9
Power supply	220 ~ 240V / 1/ 50 Hz					
Max Power Input	1.3kW	1.6kW	2kW	2.5kW	3.1kW	4.2kW
Max Current	5.9A	7.3A	9.1A	11.4A	14.1A	19A
Refrigerant	R32	R32	R32	R32	R32	R32
Heat Exchanger	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium
Air Flow Direction	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Water Flow Volume	2.5m³/h	3.5m³/h	4.5m³/h	5.5m³/h	6.5m³/h	9m³/h
Automatic defrosting	by 4 way valve	by 4 way valve	by 4 way valve	by 4 way valve	by 4 way valve	by 4 way valve
Working temperature range	-15 ~ 43°C	-15 ~ 43°C	-15 ~ 43°C	-15 ~ 43°C	-15 ~ 43°C	-15 ~ 43°C
Noise level 1m dB	39~49A	40~49A	42~50A	42~50A	44~51A	45~53A
Noise level 10m dB	20~29A	20~32A	22~33A	23~35A	25~36A	27~38A
Casing Material	ABS plastic	ABS plastic	ABS plastic	ABS plastic	ABS plastic	ABS plastic
Net Dimensions (L*W *H)	850*360*590mm		972*430*653mm		1083*448*704mm	
Package Dimensions (L*W*H)	920*440*770mm		1022*460*788mm		1130*460*830mm	
Net Weight	44kg	46kg	55kg	56kg	60kg	92kg
Gross Weight	55kg	57kg	66kg	67kg	72kg	105kg