

Full inverter swimming pool heat pump

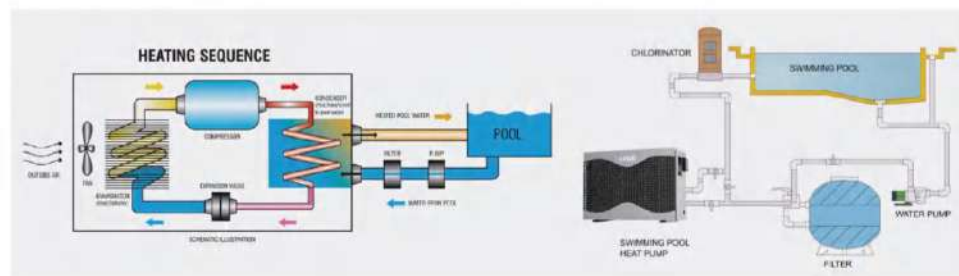


Features:

- 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.



Application



Technical Data

Photos							
Model No.	BYC-007TG1	BYC-010TG1	BYC-013TG1	BYC-017TG1	BYC-021TG1	BYC-030TG1	BYC-030TG3
Heating Capacity at Air 26°C, Humidity 80%, Water 26°C in, 26°C out							
Heating Capacity (kW)	7.7~1.8	10~2.3	13.2~3.1	17.1~3.9	21~4.9	28.2~6.9	28.4~7.1
Power Input (kW)	1.13~0.11	1.45~0.15	1.91~0.19	2.51~0.25	3.09~0.31	4.15~0.44	4.18~0.45
COP	15.8~6.8	15.8~6.9	16~6.9	15.9~6.8	15.8~6.8	15.8~6.8	15.8~6.8
Heating Capacity at Air 15°C, Humidity 70%, Water 26°C in, 26°C out							
Heating Capacity (kW)	5.7~1.3	7.9~1.8	10.1~2.3	12.8~2.9	15.9~3.6	22.1~5.0	22.1~5.0
Power Input (kW)	1.16~0.17	1.58~0.23	2.03~0.30	2.57~0.38	3.20~0.47	4.43~0.65	4.44~0.65
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	7.6~4.9
Cooling Capacity at Air 35°C, Water 29°C in, 27°C out							
Cooling Capacity (kW)	4.2~1.1	5.9~1.5	7.2~1.8	9.4~2.3	11.5~2.9	15.8~3.9	15.9~3.9
Power Input (kW)	1.13~0.17	1.57~0.22	1.89~0.26	2.51~0.34	3.16~0.43	4.19~0.56	4.18~0.56
EER	6.6~3.7	6.7~3.7	6.9~3.8	6.9~3.8	6.9~3.7	6.9~3.8	6.9~3.8
Power supply	220~240V / 1/ 50 Hz						380~415V / 3/ 50 Hz
Rated Power Input (kW)	1.2	1.6	2.1	2.6	3.2	4.4	4.5
Rated Current(A)	5.5	7.3	9.6	11.9	14.5	20	8.4
Refrigerant	R32	R32	R32	R32	R32	R32	R32
Heat Exchanger	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium
Air Flow Direction	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Water Flow Volume (m3/h)	2.5	3.5	4.5	5.5	6.5	9	9
Kind of defrost	by 4 way valve	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 (°C)	-15~43	-15~43	-15~43	-15~43	-15~43	-15~43	-15~43
Noise level (dBa)	≤ 42	≤ 43	≤ 45	≤ 45	≤ 45	≤ 49	≤ 49
Net Dimensions (mm) (L x W x H)	821*405*587		850*405*637			1036*448*739	
Package Dimensions (mm) (L x W x H)	883*435*722		912*435*777			1098*488*879	
Net Weight(kg)	42	44	53	56	60	88	88
Gross Weight(kg)	53	55	64	67	71	99	99
Water Proof Level	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4