

Inver-Spark



Features:

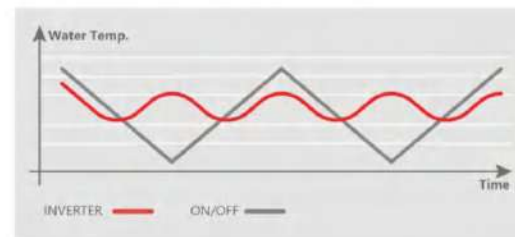
- Fully Inverter with R32 gas.
- High-end Mitsubishi compressor.
- DC Inverter fan motor.
- High efficiency COP up to 16.
- Quiet running experience.
- Built in WiFi function.
- Hot gas defrosting.
- Precise gas control with EEV.



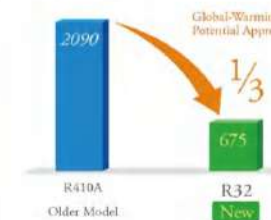
Stable silent operation



Intelligent Inverter tech will keep the constant water temperature automatically, much more convenient swimming experience than ON/OFF system.



Eco-friendly R32:
 • Much lower influence to Global warming.
 • Save your cost of F-gas quota by 2/3 than R410A.



Technical Data

Photos									
Model No.	BYC-007TD1	BYC-010TD1	BYC-013TD1	BYC-017TD1	BVC-021TD1	BYC-030TD1	BYC-035TD1	BYC-030TD3	BYC-035TD3
* Heating Capacity at Air 26°C, Humidity 80%, Water 26°C in, 28°C out									
Heating Capacity (kW)	7.6~1.7	9.5~2.3	13~3.0	17~3.8	21~4.8	28~6.8	35~8.8	28~6.8	35~8.8
Power Input (kW)	1.12~0.11	1.40~0.15	1.91~0.19	2.5~0.24	3.09~0.30	4.12~0.43	5.15~0.56	3.97~0.43	5.15~0.56
COP	15.8~6.8	15.8~6.8	16~6.8	15.8~6.8	15.8~6.8	15.8~6.8	15.8~6.8	15.8~6.8	15.8~6.8
* Heating Capacity at Air 15°C, Humidity 70%, Water 26°C in, 28°C out									
Heating Capacity (kW)	6.1~1.4	7.6~1.9	9.8~2.3	13.5~3	16.5~3.8	23~5.5	25.5~6.4	23~5.5	25.5~6.4
Power Input (kW)	1.24~0.18	1.55~0.25	1.96~0.30	2.76~0.39	3.37~0.5	4.7~0.72	5.2~0.84	4.7~0.72	5.2~0.84
COP	7.6~4.9	7.6~4.9	7.6~5	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)	4.2~1.0	5.3~1.3	7.2~1.7	9.4~2.1	11.6~2.7	14.9~3.8	19.3~4.9	14.9~3.8	19.3~4.9
Power Input (kW)	1.11~0.15	1.4~0.19	1.89~0.25	2.47~0.31	3.05~0.4	3.92~0.57	5.08~0.73	3.92~0.57	5.08~0.73
EER	6.6~3.8	6.7~3.8	6.7~3.8	6.7~3.8	6.7~3.8	6.7~3.8	6.7~3.8	6.7~3.8	6.7~3.8
* General data									
Power supply	220~240V/1/50						380~415V/3/50		
Max Power Input (kW)	1.55	1.78	2.2	2.6	3.2	4.45	6.43	4.76	6.93
Max Current (A)	7.3	8.3	10.2	12	14.7	20.4	7.9	30	11.3
Water Flow Volume (m3/h)	2.5	3.5	4.5	5.5	6.5	9	12	9	12
Refrigerant	R32								
Heat Exchanger	Titanium								
Air Flow Direction	Horizontal								
Kind of defrost	by 4 way valve								
Working temp. range (°C)	-15~43								
Casing Material	ABS								
Water Proof Level	IPX4								
Noise level 1m dB(A)	39~49	40~52	42~53	43~55	45~56	47~58	49~59	47~58	49~59
Noise level 10m 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	53	54	58	88	98	88	98
Gross Weight (kg)	53	54	64	65	69	99	110	99	110
Net Dimensions (mm)	864*349*592			925*364*642			1084*399*737		
Package Dimensions (mm)	930*400*640			990*435*760			1146*460*862		