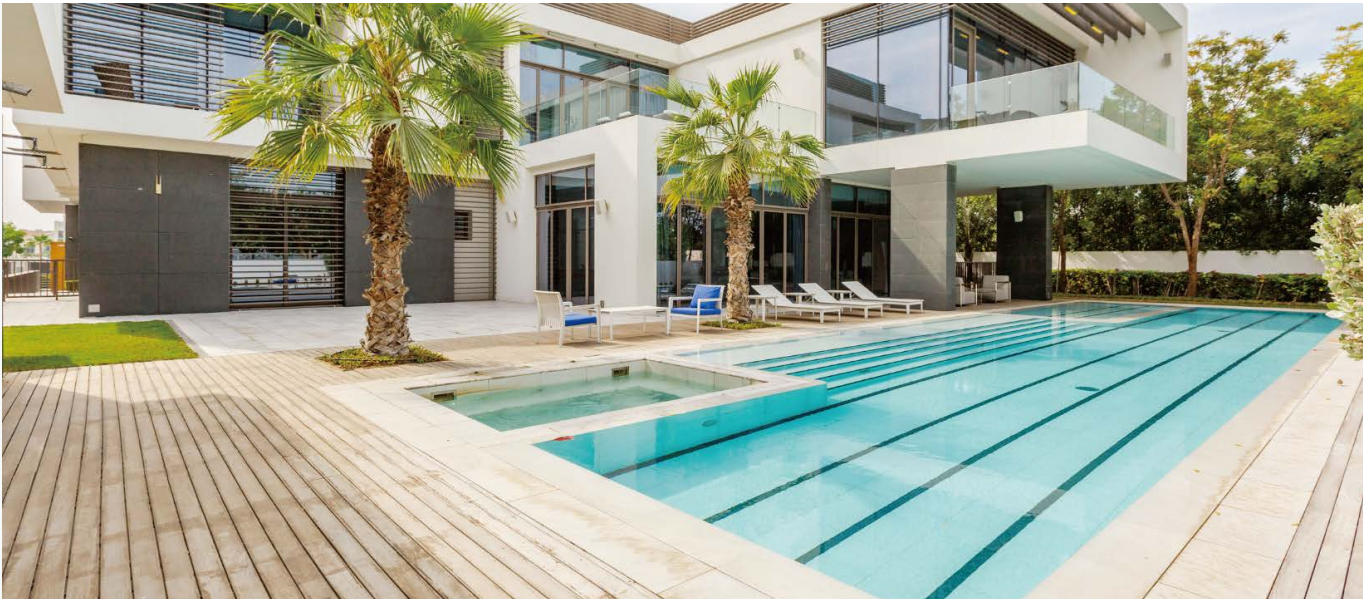




BYC-007|010|013|017|021|025 TH1

BYC-025 TH3

T E C H N I C A L D A T A

Model	BYC-007TH1	BYC-010TH1	BYC-013TH1	BYC-017TH1	BYC-021TH1	BYC-025TH1	BYC-025TH3
* Heating Capacity at Air 26°C, Humidity 80%, Water 26°C in, 28°C out							
Heating Capacity (kW)	7.0~1.7	9~2.3	12.5~3.0	16.5~3.8	20.5~4.8	25~6.8	25~6.8
Power Input (kW)	1.04~0.12	1.34~0.16	1.84~0.21	2.46~0.25	3.06~0.32	3.73~0.44	3.73~0.44
COP	14.5~6.7	14.3~6.7	14.5~6.8	15~6.7	15~6.7	15.5~6.7	15.5~6.7
* Heating Capacity at Air 15°C, Humidity 70%, Water 26°C in, 28°C out							
Heating Capacity (kW)	5.3~1.3	6.8~1.7	9.3~2.2	12.3~2.8	15.0~3.5	19.0~4.9	19.0~4.9
Power Input (kW)	1.06~0.17	1.39~0.23	1.86~0.29	2.51~0.37	3.06~0.47	3.88~0.65	3.88~0.65
COP	7.5~5.0	7.5~4.9	7.5~5.0	7.5~4.9	7.5~4.9	7.5~4.9	7.5~4.9
* Cooling Capacity at Air 35°C, Water 29°C in, 27°C out							
Cooling Capacity (kW)	3.7~1.0	4.9~1.4	6.5~1.8	8.2~2.3	10.2~2.8	12.5~3.8	12.5~3.8
Power Input (kW)	1.0~0.15	1.32~0.21	1.76~0.27	2.22~0.35	2.76~0.42	3.38~0.58	3.38~0.58
EER	6.6~3.7	6.6~3.7	6.6~3.7	6.6~3.7	6.6~3.7	6.6~3.7	6.6~3.7
* General data							
Power supply	220~240V/1/50Hz						380~415V/3/50Hz
Max Power Input (kW)	1.4	1.7	2.1	2.5	3.1	4.3	4.3
Max Current (A)	6.6	8.1	10	11.9	14.7	20.5	7.2
Water Flow Volume (m³/h)	2.5	3.5	4.5	5.5	6.5	9	9
Refrigerant	R32						
Heat Exchanger	Titanium						
Air Flow Direction	Horizontal						
Automatic defrosting	by 4 way valve						
Working temp. range (°C)	-15~43						
Casing Material	Aluminum alloy & Metal						
Water Proof Level	IPX4						
Noise level 1m dB(A)	37~46	38~47	40~49	41~51	41~52	42~52	42~52
Noise level 10m dB(A)	18~27	19~28	20~29	21~31	21~32	23~33	23~33
Net Weight (kg)	46	48	55	63	68	88	88
Gross Weight (kg)	56	58	65	73	78	98	98
Net Dimensions (mm)	870*420*640	870*420*640	870*420*640	1050*420*690	1050*420*690	1050*420*900	1050*420*900
Package Dimensions (mm)	930*470*760	930*470*760	930*470*760	1110*470*810	1110*470*810	1110*470*1020	1110*470*1020

* Please refer to the nameplate for product upgrades or changes in specifications without prior notice.