



BYC-007|010|013|017|021|030 TG1

BYC-030 TG3

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

Model	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, 28°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, 28°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			
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
Max Power Input (kW)	1.2	1.6	2.1	2.6	3.2	4.4	4.5
Max Current (A)	5.5	7.3	9.6	11.9	14.5	20	8.4
Refrigerant	R32						
Heat Exchanger	Titanium						
Air Flow Direction	Horizontal						
Water Flow Volume (m³/h)	2.5	3.5	4.5	5.5	6.5	9	9
Automatic defrosting	by 4 way valve						
Working temp. range (°C)	-15 ~ 43						
Water Proof Level	IPX4						
Noise level 1m dB(A)	38~48	39~51	41~52	42~54	44~55	46~57	46~57
Noise level 10m dB(A)	19~28	19~31	21~32	22~34	24~35	26~37	26~37
Net Weight (kg)	42	44	53	56	60	88	88
Gross Weight (kg)	53	55	64	67	71	99	99
Net Dimensions (mm)	821*405*587	821*405*587	850*405*637	850*405*637	850*405*637	1036*448*739	1036*448*739
Package Dimensions (mm)	883*435*722	883*435*722	912*435*777	912*435*777	912*435*777	1098*488*879	1098*488*879