



7kw to 35kw Colors (Black/White/Gray)/2 Patterns		3			BYC-007TE1	BYC-010TE1	BYC-013TE1	BYC-017TE1	BYC-021TE1	BYC-028TE1	BYC-035TE1	BYC-028TE3	BYC-035TE3
Heating temperature range	°C	15°C~40°C	15°C~40°C	15°C~40°C	15°C~40°C	15°C~40°C	15°C~40°C	15°C~40°C	15°C~40°C	15°C~40°C	15°C~40°C	15°C~40°C	15°C~40°C
Cooling temperature range	°C	7°C~35°C	7°C~35°C	7°C~35°C	7°C~35°C	7°C~35°C	7°C~35°C	7°C~35°C	7°C~35°C	7°C~35°C	7°C~35°C	7°C~35°C	7°C~35°C
Operating range	°C	-15°C~43°C	-15°C~43°C	-15°C~43°C	-15°C~43°C	-15°C~43°C	-15°C~43°C	-15°C~43°C	-15°C~43°C	-15°C~43°C	-15°C~43°C	-15°C~43°C	-15°C~43°C
Air 26°C Water 26°C	capacity(KW)	7.62~1.88	10.21~2.49	13.12~3.25	16.52~4.24	21.01~5.52	28.23~7.56	35~8.94	28.42~7.58	35.1~8.97			
	power input(KW)	1.10~0.13	1.47~0.17	1.88~0.22	2.38~0.28	3.03~0.36	4.06~0.48	5.15~0.56	4.08~0.48	5.16~0.56			
	COP	14.52~6.91	14.68~7.02	14.79~7.12	15.17~7.23	15.36~6.94	15.77~6.95	15.98~6.97	15.79~6.96	16.01~6.97			
Air 15°C Water 26°C	capacity(KW)	5.74~1.33	7.62~1.76	9.73~2.23	12.61~2.87	15.74~3.59	20.68~4.77	25.5~6.4	20.75~4.79	25.5~6.4			
	power input(KW)	1.16~0.18	1.54~0.23	1.95~0.29	2.54~0.38	3.18~0.47	4.17~0.63	5.2~0.84	4.18~0.63	5.2~0.84			
	COP	7.53~4.94	7.58~4.95	7.63~4.98	7.61~4.96	7.57~4.95	7.59~4.96	7.61~4.97	7.59~4.97	7.61~4.97			
Air 35°C Water 27°C	capacity (KW)	4.06~1.12	5.36~1.38	6.88~1.82	8.86~2.24	11.07~2.86	14.52~3.64	19.3~4.9	14.58~3.66	19.3~4.9			
	power input(KW)	1.15~0.17	1.51~0.21	1.88~0.27	2.47~0.34	3.11~0.44	4.04~0.55	5.08~0.73	4.04~0.55	5.08~0.73			
	EER	6.48~3.52	6.51~3.54	6.62~3.65	6.58~3.58	6.57~3.56	6.61~3.59	6.7~3.8	6.63~3.61	6.7~3.8			
Power supply		220~240V/50 (50) Hz									380~415V/50 (60) Hz		
Max power input	KW	2.053	2.853	3.656	3.925	4.985	5.962	6.123	5.962	6.21			
Rated power	KW	1.16	1.54	1.95	2.54	3.18	4.17	4.4	4.18	4.36			
Rated current	A	5.27	7	8.86	11.55	14.45	18.95	20	7.46	11.3			
Fuse or circuit breaker(A)	A	10	15	20	20	25	30	30	15	15			
Water flow	m³/h	2.5	3.5	4.5	5.5	6.5	9	12	9	12			
Advised pool volume	m³	30-40	40-50	50-60	60-80	80-105	110-145	145-200	110-145	145-200			
Compressor	Rotary (Mitsubishi)												
Heat Exchanger	Titanium												
Air Flow Direction	Horizontal												
Automatic defrosting	by 4 way valve												
Casting Material	ABS												
Water proof level	IPX4												
Refrigerant	R32												
Refrigerant volume	g	350	430	720	790	850	1150	1300	1150	1300			
Min pressure/max pressure	Mpa	0.2/4.4	0.2/4.4	0.2/4.4	0.2/4.4	0.2/4.4	0.2/4.4	0.2/4.4	0.2/4.4	0.2/4.4			
Pressure loss	(mCE)	0.9	1	1.1	1.1	1.1	1.1	1.3	1.2	1.3			
Net Dimensions (L x W x H)	mm	836*379*591			896*389*641				1084*399*737				
Package Dimensions (L x W x H)	mm	930*400*716			990*435*750				1146*460*869				
Net Weight	kg	42	43	53	54	58	86	98	86	98			
Gross Weight	kg	51	53	64	65	69	97	110	97	110			



Notes:

1. The above specifications are subject to change without prior notice for product improvement.
2. The above price can change depending on the USD exchange rate.
3. Warranty: 2 years for the whole unit, 5 years for compressor and heat exchanger.
5. Lead time: 10/30 working days\* after the 30% deposit, balance before Ex Auckland
- \* 10 days if in stock, 30 days custom made.

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