

Sunrain R290 DC Inverter Pool Heat Pump

Model No.		BYC-007TJ1	BYC-010TJ1	BYC-013TJ1	BYC-016TJ1	BYC-020TJ1	BYC-027TJ1
Heating Capacity		7kw	10kw	13kw	16kw	20kw	27kw
Factory model		KFYCC-05	KFYCC-07	KFYCC-09	KFYCC-12	KFYCC-15	KFYCC-21
Air 26°C Water 26°C	capacity(KW)	7.3~2.8	9.7~3.7	12.5~4.7	15.9~6	20~7.6	26.8~10.2
	power input(KW)	1.11~0.17	1.47~0.22	1.88~0.28	2.41~0.36	3.02~0.46	4.06~0.61
	input current (A)	5.1~0.8	6.7~1.0	8.6~1.3	11~1.7	13.8~2.1	18.5~2.8
	COP	16.2~6.6	16.5~6.6	16.6~6.6	16.6~6.6	16.6~6.6	16.6~6.6
Air 15°C Water 26°C	capacity(KW)	5.6~2.1	7.2~2.7	9.2~3.5	12~4.5	15~5.6	19.7~7.3
	power input(KW)	1.15~0.26	1.54~0.31	1.95~0.41	2.52~0.55	3.18~0.65	4.17~0.85
	input current (A)	5.4~1.2	7~1.5	8.9~1.9	11.6~2.5	14.5~3.0	18.9~3.9
	COP	8.2~4.9	8.6~4.9	8.6~5	8.2~4.8	8.6~5	8.6~5
Air 35°C Water 27°C	capacity (KW)	4.3~2.4	5.4~2.9	6.9~3.7	8.9~4.8	11.1~6	14.6~7.9
	power input(KW)	0.85~0.35	1.08~0.44	1.38~0.56	1.79~0.74	2.23~0.9	2.94~1.19
	input current (A)	4~1.7	4.9~2	6.3~2.5	8.1~3.4	10.1~4.1	13.4~5.4
	EER	6.9~5.1	6.6~5	6.7~5	6.9~5	6.7~5	6.7~4.9
Power supply		220~240V/50 (60) Hz					
Max power input	KW	1.76	2.30	2.85	3.3	4.99	5.96
Rated power	KW	1.15	1.54	1.95	2.52	3.18	4.17
Rated current	A	5.2	7	8.9	11.5	14.5	19
Fuse or circuit breaker(A)	A	10	15	15	20	25	30
Water flow	m³/h	2.5	3.5	4.5	5.5	6.5	9
Refrigerant	R290						
Heat Exchanger	Titanium						
Air Flow Direction	Horizontal						
Automatic defrosting	by 4 way valve						
Heating temperatuer range (°C)	8~40						
Cooling temperatuer range (°C)	8~28						
Operating range (°C)	-15~45						
Min pressure/max pressure (Mpa)	0.15/3						
Water proof level	IPX4						
Net Dimensions (mm)(L x W x H)	mm	914*384*634	914*384*634	1074*428*733	1074*428*733	1074*428*733	1205*480*800
Package Dimensions (mm)(L x W x H)	mm	973*455*785	973*455*785	1136*496*755	1136*496*755	1136*496*755	1280*540*830
Net Weight(kg)	kg	54	60	81	83	88	105
Gross Weight(kg)	kg	70	66	94	97	105	120

Notes:

Warranty: 2 years for the whole unit, 5 years for compressor