

KHC-12RY3 / KHC-14RY3 / KHC-16RY3

Table 2-1.3: KHC-12(14,16)RY3 specifications

kW			12	14	16
Outdoor unit model name			KHC-12RY3	KHC-14RY3	KHC-16RY3
Power supply		V/Ph/Hz	380-415/3/50		
Heating A7W35	Capacity	kW	12.1	14.5	15.9
	Rated input	kW	2.44	3.15	3.53
	COP		4.95	4.60	4.50
Heating A7W45	Capacity	W	12.3	14.1	16.0
	Rated input	W	3.32	3.92	4.57
	COP		3.70	3.60	3.50
Heating A7W55	Capacity	W	11.9	13.8	16.0
	Rated input	W	3.90	4.68	5.61
	COP		3.05	2.95	2.85
Cooling A35W18	Capacity	W	12.00	13.50	14.90
	Rated input	W	3.04	3.75	4.38
	EER		3.95	3.60	3.40
Cooling A35W7	Capacity	W	11.5	12.4	14.0
	Rated input	W	4.18	4.96	5.60
	EER		2.75	2.50	2.50
SCOP	Water outlet at 35°C		A+++		
	Water outlet at 55°C		A++		
Sound power Level³	Heating A7W35	dB	65	65	68
Compressor	Type		Twin rotary		
Outdoor fan	Motor type		DC fan		
	Number of fans		1		
Air side heat exchanger			Finned tube		
Refrigerant			R32 1.75kg		
Unit dimension (W×H×D)		mm	1385×945×526		
Packing dimension (W×H×D)		mm	1465×1120×560		
Net/Gross weight		kg	160/188		
Outdoor air temperature range	Cooling	°C	-5 ~ 43		
	Heating	°C	-25 ~ 35		
	DHW	°C	-25 ~ 43		
Water side heat exchanger			Plate type		
Water side connection			R5/4"		
Water outlet temperature range	Cooling	°C	5 ~ 30		
	Heating	°C	12 ~ 65		
	DHW (tank)	°C	10 ~ 60		

Abbreviations:

DHW: Domestic hot water

Notes:

1. Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02.
2. Seasonal space heating energy efficiency class tests in average climate conditions.
3. Sound power test condition: EN12102-1