

# 1 Specifications

## KHC-06(08,10)RY1

Table 2-1.1: KHC-06(08,10)RY1 specifications

Outdoor unit model name			KHC-06RY1	KHC-08RY1	KHC-10RY1
Power supply	V/Ph/Hz		220-240/1/50		
Heating A7W35	Capacity	kW	6.35	8.40	10.0
	Rated input	kW	1.28	1.63	2.02
	COP		4.95	5.15	4.95
Heating A7W45	Capacity	W	6.30	8.10	10.0
	Rated input	W	1.70	2.10	2.67
	COP		3.70	3.85	3.75
Heating A7W55	Capacity	W	6.00	7.50	9.50
	Rated input	W	2.03	2.36	3.06
	COP		2.95	3.18	3.10
Cooling A35W18	Capacity	W	6.50	8.30	9.90
	Rated input	W	1.35	1.64	2.18
	EER		4.80	5.05	4.55
Cooling A35W7	Capacity	W	7.00	7.45	8.20
	Rated input	W	2.33	2.22	2.52
	EER		3.00	3.35	3.25
SCOP	Water outlet at 35℃		A+++		
	Water outlet at 55℃		A++		
Sound power Level <sup>3</sup>	Heating A7W35	dB	58	59	60
Compressor	Type		Twin rotary		
Outdoor fan	Motor type		DC fan	DC fan	
	Number of fans		1	1	
Air side heat exchanger			Finned tube		
Refrigerant			R32 1.4kg		
Unit dimension (W×H×D)		mm	1295×792×429	1385×945×526	
Packing dimension (W×H×D)		mm	1375×945×475	1465×1120×560	
Net/Gross weight		kg	98/121	121/148	
Outdoor air temperature range	Cooling	℃	-5 ~ 43		
	Heating	℃	-25 ~ 35		
	DHW	℃	-25 ~ 43		
Water side heat exchanger			Plate type		
Water side connection			R1 "	R5/4"	R5/4"
Water outlet temperature range	Cooling	℃	5 ~ 30		
	Heating	℃	12 ~ 65		
	DHW ( tank )	℃	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