



## AIR-TO-WATER HEAT PUMP PRODUCT FICHE

Product information according to Commission Delegated Regulation (EU) 813/2013

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Model	Outdoor unit		KHC-06RY1-B	KHC-08RY3-B	KHC-10RY3-B	KHC-12RY3-B	KHC-14RY3-B	KHC-16RY3-B
Temperature application	°C		55	35	55	35	55	35
Seasonal space heating energy efficiency class			A++	A+++	A++	A+++	A++	A+++
Rated heat output	kW		5,7	6,8	6,6	8,1	7,7	9,2
Seasonal space heating energy efficiency	%		137,9	195,0	131,5	205,6	136,6	204,8
Annual energy consumption	kWh		3345	2845	4056	3218	4539	3644
Sound power level L <sub>wa</sub>	Outdoor unit	dB	58		59		60	
Specific precautions in assembled, installed, or maintained			Refer to the installation and operating manuals					
Rated heat output	Colder climate	kW	4,3	5,6	5,8	7,0	6,7	7,7
	Warmer climate	kW	5,1	6,1	7,6	8,1	8,6	8,6
Annual energy consumption	Colder climate	kWh	3681	3300	4950	3976	5540	4423
	Warmer climate	kWh	1640	1244	2259	1551	2516	1617
Seasonal space heating energy efficiency	Colder climate	%	111,1	165,3	112,0	170,0	116,4	169,8
	Warmer climate	%	164,7	259,8	175,8	276,6	180,3	280,5
<b>Technical data</b>								
Model	Outdoor unit		KHC-06RY1-B	KHC-08RY3-B	KHC-10RY3-B	KHC-12RY3-B	KHC-14RY3-B	KHC-16RY3-B
Type			Air/water Monobloc type heat pump					
Power source			1N~ 230V 50Hz		3N~ 400V 50Hz		3N~ 400V 50Hz	
Max. current, outdoor unit MCA	A		27		29		30	
Refrigerant (R32)	kg		1,40				1,75	
Dimensions (H x W x D) and weight (net)	Outdoor unit	mm	1295x718x429		1385x865x526			
		kg	86		105		144	
Outdoor temperature range	Heating	°C	-25 to 35					
	Cooling	°C	-5 to 43					
	DHW	°C	-25 to 43					

• Acoustic noise information:

The maximum noise level is less than 70 dB (A) for both the hydraulic module and the outdoor unit. According to IEC 704-1 and ISO 3744.

• If the air to water heat pump is operated under higher temperature conditions than those listed, the built-in protection circuit may operate to prevent internal circuit damage.

Also, during cooling modes, if the unit is used under conditions of lower temperatures than those listed above, the heat exchanger may freeze, leading to water leakage and other damage.

• Do not use this unit for any purposes other than the Heating and Cooling.