



AIR-TO-WATER HEAT PUMP PRODUCT FICHE

Product information according to Commission Delegated Regulation (EU) 813/2013
KEEP THIS SHEET FOR FUTURE REFERENCE

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	55	35	55	35	55	35																
Seasonal space heating energy efficiency class				A++	A+++	A++	A+++	A++	A+++	A++	A+++	A++	A+++	A++																
Rated heat output	kW			5,7	6,8	6,6	8,1	7,7	9,2	11,6	12,0	12,1	13,7	13,0																
Seasonal space heating energy efficiency	%			137,9	195,0	131,5	205,6	136,6	204,8	135,1	189,3	135,6	185,6	133,2																
Annual energy consumption	kWh			3345	2845	4056	3218	4539	3644	6928	5153	7203	6013	7896																
Sound power level L _{wa}	Outdoor unit	dB	58		59		60		65		65		68																	
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	10,3	11,4	11,0	12,6	11,8	13,7																
	Warmer climate	kW	5,1	6,1	7,6	8,1	8,6	8,6	12,5	11,1	13,7	12,1	13,8	13,1																
Annual energy consumption	Colder climate	kWh	3681	3300	4950	3976	5540	4423	8420	6871	8867	7667	9310	8431																
	Warmer climate	kWh	1640	1244	2259	1551	2516	1617	3780	2296	4092	2462	4116	2786																
Seasonal space heating energy efficiency	Colder climate	%	111,1	165,3	112,0	170,0	116,4	169,8	117,7	160,2	118,9	159,6	121,8	157,8																
	Warmer climate	%	164,7	259,8	175,8	276,6	180,3	280,5	173,8	255,6	176,4	259,8	175,9	248,1																
Technical data																														
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		23		24		25																		
Refrigerant (R32)	kg	1,40																												
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.