



## AIR-TO-WATER HEAT PUMP PRODUCT FICHE

Product information according to Commission Delegated Regulation (EU) 811/2013  
KEEP THIS SHEET FOR FUTURE REFERENCE

Model		Outdoor unit	KHOA-06PMA1		KHOA-08PMA1		KHOA-10PMA1	
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	5,9	6,4	6,8	8,0	7,8	9,2
Seasonal space heating energy efficiency		%	149,7	192,6	149,5	200,4	149,5	196,3
Annual energy consumption		kWh	3191	2700	3684	3251	4226	3814
Sound power level L <sub>wa</sub>		Outdoor unit	dB		58		60	
Specific precautions in assembled, installed, or maintained			Refer to the installation and operating manuals					
Rated heat output	Colder climate	kW	5,9	6,3	7,0	6,8	8,0	7,9
	Warmer climate	kW	6,0	5,5	8,3	8,2	8,8	8,6
Annual energy consumption	Colder climate	kWh	4325	3663	4995	3772	5654	4308
	Warmer climate	kWh	1762	1198	2368	1669	2456	1679
Seasonal space heating energy efficiency	Colder climate	%	132,0	166,7	135,2	174,5	136,5	177,8
	Warmer climate	%	179,0	242,4	184,3	259,2	188,5	270,7
<b>Technical data</b>								
Model		Outdoor unit	KHOA-06PMA1		KHOA-08PMA1		KHOA-10PMA1	
Type			Air/water Monobloc type heat pump					
Power source			1N~ 230V 50Hz					
Max. current, outdoor unit MCA		A	27		29,5		31	
Refrigerant (R290)		kg	0,700		1,100			
Dimensions (H x W x D) and weight (net)		Outdoor unit	mm		1299 x 717 x 426		1385 x 865 x 523	
			kg		95		122	
Outdoor temperature range		Heating	°C		-25 to 35			
		Cooling	°C		-5 to 46			
		DHW	°C		-25 to 46			

- 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.
- Nie należy używać tego urządzenia do innych celów niż ogrzewanie i chłodzenie.