

# Specification

Type				AR5000		
Indoor Model Name		Indoor Unit		AC052MNADKH/EU		
Outdoor Model Name		Outdoor Unit		AC052MXADKH/EU		
System	Mode			-	Heat Pump	
	Capacity	Cooling (Min / Std / Max)		kW	1,90 / 5,00 / 5,60	
				Btu/h	6 500 / 17 100 / 19 100	
		Heating (Min / Std / Max)		kW	1,50 / 6,00 / 6,25	
				Btu/h	5 100 / 20 500 / 21 300	
	Power	Power Input	Cooling (Min / Std / Max)	kW	0,40 / 2,20 / 2,30	
			Heating (Min / Std / Max)	kW	0,34 / 1,90 / 3,15	
		Current Input	Cooling (Min / Std / Max)	A	2,60 / 9,70 / 10,10	
			Heating (Min / Std / Max)	A	2,30 / 8,40 / 14,00	
		MCA		A	21,60 (MCA)	
		MFA		A	25,00	
	Energy Efficiency	EER		-	2,27	
		COP		-	3,16	
		Energy Grade		-	SEER 6.20 (A++)	
				-	SCOP 3.80 (A)	
	Piping Connection	Liquid Pipe		Φ, mm	6,35	
				Φ, inch	1/4"	
		Gas Pipe		Φ, mm	12,70	
				Φ, inch	1/2"	
		Installation Limitation	Max. Length (Outdoor to indoor)		m	30 (35)
			Max. Height (Between ID/OD)		m	20 (20)
	Field Wiring	Power Source Wire		mm <sup>2</sup>	1.5	
		Transmission Cable		mm <sup>2</sup>	0.75 ~ 1.5	
Refrigerant	Type		-	R410A		
	Control Method		-	-		
	Factory Charging		kg	1,30		
Indoor Unit	Power Supply			Φ, #, V, Hz	1, 2, 220-240, 50	
	Fan	Type		-	Crossflow Fan	
		Motor	Output	-	27 x 1	
		Number of Unit		EA	1	
		Air Flow Rate	High / Mid / Low		CMM	11 / 9 / 7
					l/s	178,33 / 150,00 / 120,00
	External Static Pressure	Min / Std / Max		mmAq	-	
				Pa	-	
	Drain	Drain Pipe		Φ,mm	ID18 HOSE	
	Sound	Sound Pressure	High / Mid / Low	dB(A)	42,0 / 37,0 / 32,0	
		Sound Power	Cooling	dB(A)	60,0	
	External Dimension	Net Weight		kg	10,80	
		Shipping Weight		kg	12,60	
		Net Dimensions (WxHxD)		mm	896 x 261 x 261	
		Shipping Dimensions (WxHxD)		mm	956 x 317 x 335	
	Panel Size	Model		-	-	
		Net Weight		kg	-	
		Shipping Weight		kg	-	
		Net Dimensions (WxHxD)		mm	-	
		Shipping Dimensions (WxHxD)		mm	-	
	Additional Accessories	Drain pump	Drain pump	-	-	
			Max. Lifting Height / Displacement	mm / liter/h	-	
		Air Filter		-	-	
Outdoor Unit	Power Supply			Φ, #, V, Hz	1, 2, 220-240, 50	
	Compressor	Type		-	Twin BLDC Rotary x 1	
		Model		-	UG9TK3150FE4 x 1	
		Output		kW	1,42 x 1	
		Oil	Type	-	POE	
	Fan	Air Flow Rate	Cooling	CMM	40	
				l/s	666,67	
	Sound	Sound Pressure	Cooling / Heating	dB(A)	48,0 / 48,0	
		Sound Power	Cooling	dB(A)	62,0	
	External Dimension	Net Weight		kg	43,80	
		Shipping Weight		kg	47,50	
		Net Dimensions (WxHxD)		mm	880 x 638 x 310	
		Shipping Dimensions (WxHxD)		mm	1 023 x 730 x 413	
	Operating Temp. Range	Cooling		°C	-15,0 ~ 50,0	
		Heating		°C	-20,0 ~ 24,0	