

1. Specification

Wall Mounted Type (A3050)

Model Name	Indoor Unit			AC052RNADKG/EU	AC071RNADKG/EU
	Outdoor Unit			AC052RXADKG/EU	AC071RXADKG/EU
Power Supply				Ø, #, V, Hz	1,2,220-240,50
Heat Exchanger	Type		-	F&T	F&T
	Material	Fin	-	Al	Al
		Tube	-	Cu	Cu
	Fin Treatment		-	Green Hydrophile	Green Hydrophile
Fan	Type		-	Crossflow Fan	Crossflow Fan
	Quantity		EA	1	1
	Air Flow Rate	Cooling (H/M/L)	m ³ /min	10.7 / 9.0 / 7.2	17.1 / 14.5 / 12.4
			l/s	178.3 / 150 / 120	285 / 241.6 / 206.6
		Heating (H/M/L)	m ³ /min	10.7 / 9.0 / 7.2	17.1 / 14.5 / 12.4
l/s			178.3 / 150 / 120	285 / 241.6 / 206.6	
Fan Motor	Type		-	BLDC	BLDC
	Output		W x n	27	27
Drain	Drain Pipe		Φ, mm	ID18mm Hose	ID18mm Hose
Sound	Sound Pressure Level	High/Mid/Low/(Silent)	dB(A)	42 / 37 / 32 / 25	43 / 39 / 35 / 30
	Sound Power Level		dB(A)	60	61
External Dimension	Net Weight		kg	10.8	14.4
	Shipping Weight		kg	12.6	16.8
	Net Dimensions (WxHxD)		mm	896 x 261 x 261	1,065 x 294 x 301
	Shipping Dimensions (WxHxD)		mm	956 x 317 x 335	1,123 x 354 x 384
Casing	Material		-	ABS	ABS
Control System	Infrared remote control		-	AR-EH03E (Included)	AR-EH03E (Included)
	Wired remote control		-	MWR-WE13N MWR-WG00*N	MWR-WE13N MWR-WG00*N
Drain Pump	Drain Pump		-	-	-
	Max. lifting Height / Displacement		mm / Liter / h	-	-
Additional Accessories	Drain Pump	External Model	-	-	-
		Internal Model	-	-	-
	Drain Pump	Max. lifting Height / Displacement	mm / Liter / h	-	-
		Air Filter		-	Removable / Washable
Virus Doctor		-	Included	Included	

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	Outdoor Unit		AC052RXADKG/EU		AC071RXADKG/EU			
Outdoor Unit	Power Supply		Ø, #, V, Hz	1, 2, 220-240, 50		1, 2, 220-240, 50		
	Heat Exchanger	Type		-	Fin & Tube		Fin & Tube	
		Material	Fin	-	Al		Al	
			Tube	-	Cu		Cu	
	Fin Treatment		-	Anti-Corrosion		Anti-Corrosion		
	Compressor	Model Name		-	UB9TK3150FE4		UB4TN8200FE4	
		Type		-	Twin BLDC		Twin BLDC	
		Output		kW	1.51		1.89	
		Oil	Type	-	POE		POE	
	Initial charge		cc	500		650		
	Fan	Type		-	Propeller		Propeller	
		Discharge direction		-	Front		Front	
		Quantity		EA	1		1	
		Air Flow Rate			m ³ /min	40		51
			l/s	667		850		
Fan Motor	Type		-	BLDC Motor		BLDC Motor		
	Output		W x n	125 x 1		125 x 1		
Sound	Sound Pressure Level	Cooling	dB(A)	48		49		
		Heating	dB(A)	48		51		
	Sound Power Level		dB(A)	62		65		
External Dimension	Net Weight		kg	43.5		51.5		
	Shipping Weight		kg	46.5		55.0		
	Net Dimensions (WxHxD)		mm	880 x 638 x 310		880 x 798 x 310		
	Shipping Dimensions (WxHxD)		mm	1,023 x 742 x 413		1,023 x 896 x 413		
Casing	Material	Body	-	EGI Steel Plate		EGI Steel Plate		
	Operating Temp. Range	Cooling	°C	-15 ~ 50		-15 ~ 50		
Heating		°C	-20 ~ 24		-20 ~ 24			

NOTE

- Specification may be subject to change without prior notice.
 - 1) Performances are based on the following test conditions.
 - Cooling : Indoor temperature 27°C DB, 19°C WB, Outdoor temperature 35°C DB, 24°C WB
 - Heating : Indoor temperature 20°C DB, 15°C WB, Outdoor temperature 7°C DB, 6°C WB
 - Equivalent refrigerant pipe length 5m, Level differences 0m
 - 2) Select wire size based on the value of MCA
 - 3) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20uPa
 - 4) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power : 1pW
 - Measured according to ISO 3741
 - 5) These products contain R32(GWP=675) which is fluorinated greenhouse gas.
 - 6) 'MWR-WG00*N' is new wired remote control type(Graphic).
If you need the latest control system information, please refer to SAC control TDB.

2. Summary Table

Wall Mounted Type (A3050)

Performance Characteristics

Model Code	Net Weight (kg)	Capacity			Fan Speed	Airflow (CMM)	Sound Pressure Level (dBA)	Sound Power Level (dBA)
			Cooling (kW)	Heating (kW)				
AC026RNADKG/EU	7.6	Max.	3.60	4.00	High	7.7	36	56
		Std.	2.60	3.30	Mid	6.2	30	
		Min.	0.96	1.00	Low	5.0	24	
AC035RNADKG/EU	7.6	Max.	3.90	4.70	High	8.5	38	59
		Std.	3.50	4.00	Mid	7.2	32	
		Min.	1.00	1.10	Low	5.8	26	
AC052RNADKG/EU	10.8	Max.	6.50	6.25	High	10.7	42	60
		Std.	5.00	6.00	Mid	9.0	37	
		Min.	1.30	1.50	Low	7.2	32	
AC071RNADKG/EU	14.4	Max.	8.70	9.00	High	17.1	43	61
		Std.	7.10	8.00	Mid	14.5	39	
		Min.	1.50	1.90	Low	12.4	35	

NOTE

- Sound data is based on cooling operation.

Electric Characteristics

Model		Outdoor Unit				Input Current (Amperes)				Power Supply	
Indoor Unit	Outdoor Unit	Rated Hz	Voltage range		Outdoor Unit		Indoor Unit	Total	MCA(A)	MFA(A)	
			Volts	Min.	Max.	Cooling					Heating
AC026RNADKG/EU	AC026RXADKG/EU	50	220 to 240	198	264	10	10	1.6	11.6	11.6	12.8
AC035RNADKG/EU	AC035RXADKG/EU	50	220 to 240	198	264	10	10	1.6	11.6	11.6	12.8
AC052RNADKG/EU	AC052RXADKG/EU	50	220 to 240	198	264	16.5	16.5	1.6	18.1	18.1	20.6
AC071RNADKG/EU	AC071RXADKG/EU	50	220 to 240	198	264	16.5	16.5	1.6	18.1	18.1	20.6

NOTE

- MCA : Minimum circuit amperes
- MFA : Maximum fuse amperes
- Select wire size based on the value of MCA