

# 1. Specification

## Wind-Free 4Way Cassette (600x600)

	Model Name		Indoor Unit	AC026RNNDKG/EU	AC035RNNDKG/EU	
			Outdoor Unit	AC026RXADKG/EU	AC035RXADKG/EU	
System	Mode		-	HEAT PUMP	HEAT PUMP	
	Performance	Capacity (Min/Std/Max)	Cooling	kW	0.87 / 2.60 / 4.10	0.88 / 3.50 / 4.50
				Btu/h	2,970 / 8,870 / 13,990	3,000 / 11,940 / 15,350
		Heating		kW	0.98 / 3.40 / 4.10	1.00 / 4.00 / 4.80
				Btu/h	3,340 / 11,600 / 13,990	3,410 / 13,650 / 16,380
	Power	Power Input (Min/Std/Max)	Cooling	kW	0.16 / 0.67 / 1.20	0.18 / 1.03 / 1.40
			Heating	kW	0.20 / 0.92 / 1.45	0.19 / 1.20 / 1.80
		Current Input (Min/Std/Max)	Cooling	A	1.3 / 3.5 / 5.5	1.4 / 5.0 / 6.0
			Heating	A	1.3 / 4.6 / 7.0	1.3 / 5.7 / 10.5
	Current		MCA	A	11.0	11.0
			MFA	A	12.5	12.5
	Efficiency	EER	Cooling	-	3.88	3.40
		COP	Heating	-	3.69	3.33
		SEER (Cooling Energy Grade)		-	7.1 (A++)	7.0 (A++)
		SCOP (Heating Energy Grade)		-	4.3 (A+)	4.3 (A+)
	Pdesignh			kW	2.1	2.1
	Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection
				Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)
		Gas Pipe		Type	Flare connection	Flare connection
				Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)
Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes		
Piping length (ODU-IDU)		Standard		m	5	5
	Max.		m	20	20	
	Elevation		m	15	15	
	Chargeless		m	20	20	
Wiring connections	Communication	Min.	mm <sup>2</sup>	0.75	0.75	
		Remark	-	F1, F2	F1, F2	
Refrigerant	Type		-	R32	R32	
	Factory Charging		kg	0.9	0.9	
			tCO <sub>2</sub> e	0.61	0.61	
Indoor Unit	Power Supply		Ø, #, V, Hz	1,2,220-240,50	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		-	Turbo Fan	Turbo Fan
		Quantity		EA	1	1
		Air Flow Rate	Cooling (H/M/L)	m <sup>3</sup> /min	8.0 / 7.0 / 6.0	9.2 / 8.0 / 6.4
				l/s	133.3 / 116.6 / 100	153.3 / 133.3 / 106.6
	Heating (H/M/L)		m <sup>3</sup> /min	10.0 / 9.0 / 8.0	10.4 / 9.0 / 7.8	
		l/s	166.6 / 150 / 133.3	173.3 / 150 / 130		
Fan Motor	Type		-	BLDC	BLDC	
	Output		W x n	65	65	

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	Outdoor Unit			AC026RXADKG/EU	AC035RXADKG/EU
Drain	Drain Pipe		Φ, mm	VP-25(OD32, ID25)	VP-25(OD32, ID25)
Sound	Sound Pressure Level	High/Mid/Low/(Silent)	dB(A)	31 / 28 / 25	34 / 30 / 25
	Sound Power Level		dB(A)	48	50
External Dimension	Net Weight		kg	11.5	11.5
	Shipping Weight		kg	14.0	14.0
	Net Dimensions (WxHxD)		mm	575 x 250 x 575	575 x 250 x 575
	Shipping Dimensions (WxHxD)		mm	623 x 298 x 653	623 x 298 x 653
Casing	Material		-	Polypropylene	Polypropylene
Panel (1)	Model Name		-	PC4SUFMAN	PC4SUFMAN
	Type		-	Wind-Free Type	Wind-Free Type
	Material		-	HIPS	HIPS
	Color		-	DA White	DA White
	Net Weight		kg	2.7	2.7
	Shipping Weight		kg	3.9	3.9
	Net Dimensions (WxHxD)		mm	620 x 46 x 620	620 x 46 x 620
	Shipping Dimensions (WxHxD)		mm	670 x 120 x 655	670 x 120 x 655
Panel (2)	Model Name		-	PC4SUSMBN	PC4SUSMBN
	Type		-	Waffle Type	Waffle Type
	Material		-	HIPS	HIPS
	Color		-	Victory gray	Victory gray
	Net Weight		kg	2.3	2.3
	Shipping Weight		kg	3.5	3.5
	Net Dimensions (WxHxD)		mm	620 x 45 x 620	620 x 45 x 620
	Shipping Dimensions (WxHxD)		mm	661 x 106 x 671	661 x 106 x 671
Panel (3)	Model Name		-	PC4SUSMFN	PC4SUSMFN
	Type		-	Stripe Type	Stripe Type
	Material		-	HIPS	HIPS
	Color		-	Victory gray	Victory gray
	Net Weight		kg	2.3	2.3
	Shipping Weight		kg	3.5	3.5
	Net Dimensions (WxHxD)		mm	620 x 45 x 620	620 x 45 x 620
	Shipping Dimensions (WxHxD)		mm	661 x 106 x 671	661 x 106 x 671
Control System	Infrared remote control		-	AR-EH03E	AR-EH03E
	Wired remote control		-	MWR-WE13N MWR-WG00*N	MWR-WE13N MWR-WG00*N
Drain Pump	Drain Pump		-	Included	Included
	Max. lifting Height / Displacement		mm / Liter / h	750/24	750/24
Additional Accessories	Drain Pump	External Model	-	-	-
		Internal Model	-	-	-
	Max. lifting Height / Displacement		mm / Liter / h	-	-
	Air Filter		-	Removable / Washable	Removable / Washable
	Virus Doctor		-	Option	-

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	Outdoor Unit			AC026RXADKG/EU	AC035RXADKG/EU	
Power Supply				Ø, #, V, Hz	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			UB9AK5090FER	UB9AK5090FER	
	Type			Single BLDC	Single BLDC	
	Output		kW	0.86	0.86	
	Oil	Type		-	POE	POE
		Initial charge		cc	320	320
Fan	Type		-	Propeller	Propeller	
	Discharge direction		-	Front	Front	
	Quantity		EA	1	1	
	Air Flow Rate		m <sup>3</sup> /min	30	30	
			l/s	500	500	
Fan Motor	Type			BLDC Motor	BLDC Motor	
	Output		W x n	40 x 1	40 x 1	
Sound	Sound Pressure Level	Cooling	dB(A)	46	48	
		Heating	dB(A)	47	48	
	Sound Power Level		dB(A)	59	61	
External Dimension	Net Weight		kg	32.5	32.5	
	Shipping Weight		kg	35.5	35.5	
	Net Dimensions (WxHxD)		mm	790 x 548 x 285	790 x 548 x 285	
	Shipping Dimensions (WxHxD)		mm	913 x 622 x 371	913 x 622 x 371	
Casing	Material	Body	-	EGL Steel Plate	EGL Steel Plate	
	Operating Temp. Range			°C	-15 ~ 46	
			°C	-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.