

1. Specification

360 Cassette

	Model Name		Indoor Unit	AC071RN4PKG/EU	AC100RN4PKG/EU	AC100RN4PKG/EU	AC120RN4PKG/EU	
			Outdoor Unit	AC071RXADKG/EU	AC100RXADKG/EU	AC100RXADNG/EU	AC120RXADKG/EU	
System	Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
	Performance	Capacity (Min/Std/Max)	Cooling	kW	1.50 / 7.10 / 8.70	3.0 / 10.0 / 12.0	3.0 / 10.0 / 12.0	3.5 / 12.0 / 13.5
				Btu/h	5,120 / 24,230 / 29,680	10,240 / 34,120 / 41,000	10,240 / 34,120 / 41,000	11,940 / 41,000 / 46,100
			Heating	kW	1.90 / 8.00 / 9.00	2.2 / 11.2 / 15.5	2.2 / 11.2 / 15.5	3.5 / 13.2 / 15.5
				Btu/h	6,480 / 27,300 / 30,710	7,500 / 38,210 / 52,900	7,500 / 38,210 / 52,900	11,940 / 45,040 / 52,900
	Power	Power Input (Min/Std/Max)	Cooling	kW	0.35 / 2.73 / 3.60	0.60 / 3.24 / 4.70	0.60 / 3.20 / 4.70	0.90 / 4.45 / 5.30
			Heating	kW	0.35 / 2.48 / 3.95	0.46 / 3.20 / 5.40	0.46 / 3.15 / 5.40	0.75 / 4.05 / 5.60
		Current Input (Min/Std/Max)	Cooling	A	2.0 / 11.8 / 16.0	3.0 / 14.4 / 20.4	1.5 / 5.1 / 7.1	4.3 / 19.5 / 24.0
			Heating	A	2.0 / 10.7 / 17.0	2.5 / 14.2 / 23.0	1.2 / 5.0 / 8.4	3.7 / 17.7 / 26.0
		Current	MCA	A	18.0	25.5	17.6	25.5
			MFA	A	20.6	30.0	17.6	30.0
	Efficiency	EER	Cooling	-	2.60	3.08	3.12	2.69
		COP	Heating	-	3.23	3.50	3.55	3.26
		SEER (Cooling Energy Grade)		-	6.7 (A++)	6.8 (A++)	6.8 (A++)	6.0 (A+)
		SCOP (Heating Energy Grade)		-	4.2 (A+)	4.3 (A+)	4.3 (A+)	4.0 (A+)
		Pdesignh		kW	4.5	5.3	5.3	6.5
	Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection
				Φ, mm (inch)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
		Gas Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection
				Φ, mm (inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes		
Piping length (ODU-IDU)		Standard	Max.	m	5	5	5	5
			Elevation	m	30	30	30	30
			Chargeless	m	15	30	30	30
	Min.		mm ²	0.75	0.75	0.75	0.75	
Wiring connections	Communication	Remark	-	F1, F2	F1, F2	F1, F2	F1, F2	
		Type	-	R32	R32	R32	R32	
Refrigerant	Factory Charging		kg	1.7	2.7	2.7	2.7	
			tCO ₂ e	1.15	1.82	1.82	1.82	
			Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	
Indoor Unit	Heat Exchanger	Type		-	F&T	F&T	F&T	F&T
		Material	Fin	-	Al	Al	Al	Al
			Tube	-	Cu	Cu	Cu	Cu
	Fin Treatment		-	Green Hydrophile	Green Hydrophile	Green Hydrophile	Green Hydrophile	
	Fan	Type		-	Turbo Fan	Turbo	Turbo	Turbo
		Quantity		EA	1	1	1	1
		Air Flow Rate	Cooling (H/M/L)	m ³ /min	17.5 / 15.9 / 14.3	31.2 / 25.5 / 19.8	31.2 / 25.5 / 19.8	32.5 / 25.5 / 19.8
				l/s	291.6 / 265 / 238.3	520 / 425 / 330	520 / 425 / 330	542 / 425 / 330
			Heating (H/M/L)	m ³ /min	17.5 / 15.9 / 14.3	31.2 / 25.5 / 19.8	31.2 / 25.5 / 19.8	32.5 / 25.5 / 19.8
	l/s			291.6 / 265 / 238.3	520 / 425 / 330	520 / 425 / 330	542 / 425 / 330	
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC	
	Output		W x n	65	97 x 1	97 x 1	97 x 1	

1. Specification

360 Cassette

Indoor Unit	Model Name	Indoor Unit		AC071RN4PKG/EU	AC100RN4PKG/EU	AC100RN4PKG/EU	AC120RN4PKG/EU	
		Outdoor Unit		AC071RXADKG/EU	AC100RXADKG/EU	AC100RXADNG/EU	AC120RXADKG/EU	
	Drain	Drain Pipe		Φ, mm	VP-25(OD32, ID25)	VP-25(OD32, ID25)	VP-25(OD32, ID25)	
	Sound	Sound Pressure Level	High/Mid/Low/(Silent)	dB(A)	36 / 33 / 29	44 / 39 / 33	44 / 39 / 33	45 / 40 / 35
		Sound Power Level		dB(A)	53	61	61	61
	External Dimension	Net Weight		kg	20.2	23.5	23.5	23.5
		Shipping Weight		kg	24.5	28.3	28.3	28.3
		Net Dimensions (WxHxD)		mm	947 x 281 x 947	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947
		Shipping Dimensions (WxHxD)		mm	990 x 330 x 990	990 x 414 x 990	990 x 414 x 990	990 x 414 x 990
	Casing	Material		-	HIPS	HIPS	HIPS	HIPS
	Panel (1)	Model Name		-	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN
		Type		-	Ceiling Type(Square)	Ceiling Type(Square)	Ceiling Type(Square)	Ceiling Type(Square)
		Material		-	HIPS	HIPS	HIPS	HIPS
		Color		-	White	White	White	White
		Net Weight		kg	3.6	3.6	3.6	3.6
		Shipping Weight		kg	6.3	6.3	6.3	6.3
		Net Dimensions (WxHxD)		mm	1000 x 66 x 1000	1,000 x 66 x 1,000	1,000 x 66 x 1,000	1,000 x 66 x 1,000
		Shipping Dimensions (WxHxD)		mm	1093 x 85 x 1083	1,093 x 85 x 1,083	1,093 x 85 x 1,083	1,093 x 85 x 1,083
	Panel (2)	Model Name		-	PC4NBDMAN	PC4NBDMAN	PC4NBDMAN	PC4NBDMAN
		Type		-	Ceiling Type(Square)	Ceiling Type(Square)	Ceiling Type(Square)	Ceiling Type(Square)
		Material		-	HIPS	HIPS	HIPS	HIPS
		Color		-	Black	Black	Black	Black
		Net Weight		kg	3.6	3.6	3.6	3.6
		Shipping Weight		kg	6.3	6.3	6.3	6.3
		Net Dimensions (WxHxD)		mm	1000 x 66 x 1000	1,000 x 66 x 1,000	1,000 x 66 x 1,000	1,000 x 66 x 1,000
		Shipping Dimensions (WxHxD)		mm	1093 x 85 x 1083	1,093 x 85 x 1,083	1,093 x 85 x 1,083	1,093 x 85 x 1,083
	Panel (3)	Model Name		-	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN
		Type		-	Open Type(Circle)	Open Type(Circle)	Open Type(Circle)	Open Type(Circle)
		Material		-	HIPS	HIPS	HIPS	HIPS
		Color		-	White	White	White	White
		Net Weight		kg	2.7	2.7	2.7	2.7
		Shipping Weight		kg	5.3	5.3	5.3	5.3
		Net Dimensions (WxHxD)		mm	1050 x 66 x 1050	1,050 x 66 x 1,050	1,050 x 66 x 1,050	1,050 x 66 x 1,050
		Shipping Dimensions (WxHxD)		mm	1093 x 85 x 1083	1,093 x 85 x 1,083	1,093 x 85 x 1,083	1,093 x 85 x 1,083
	Panel (4)	Model Name		-	PC4NBNMAN	PC4NBNMAN	PC4NBNMAN	PC4NBNMAN
		Type		-	Open Type(Circle)	Open Type(Circle)	Open Type(Circle)	Open Type(Circle)
		Material		-	HIPS	HIPS	HIPS	HIPS
		Color		-	Black	Black	Black	Black
		Net Weight		kg	2.7	2.7	2.7	2.7
		Shipping Weight		kg	5.3	5.3	5.3	5.3
		Net Dimensions (WxHxD)		mm	1050 x 66 x 1050	1,050 x 66 x 1,050	1,050 x 66 x 1,050	1,050 x 66 x 1,050
		Shipping Dimensions (WxHxD)		mm	1093 x 85 x 1083	1,093 x 85 x 1,083	1,093 x 85 x 1,083	1,093 x 85 x 1,083
	Control System	Infrared remote control		-	AR-EH03E	AR-EH03E	AR-EH03E	AR-EH03E
		Wired remote control		-	MWR-WE13N MWR-WG00*N	MWR-WE13N MWR-WG00*N	MWR-WE13N MWR-WG00*N	MWR-WE13N MWR-WG00*N
	Drain Pump	Drain Pump		-	Included	Included	Included	Included
		Max. lifting Height / Displacement		mm / Liter / h	750/24	750/24	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	Removable / Washable	Removable / Washable		
Virus Doctor		-	Option	Option	Option	Option		

1. Specification

360 Cassette

Outdoor Unit	Model Name		Indoor Unit	AC071RN4PKG/EU	AC100RN4PKG/EU	AC100RN4PKG/EU	AC120RN4PKG/EU		
			Outdoor Unit	AC071RXADKG/EU	AC100RXADKG/EU	AC100RXADNG/EU	AC120RXADKG/EU		
	Power Supply			Ø, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	3, 4, 380-415, 50	1, 2, 220-240, 50	
	Heat Exchanger		Type		-	Fin & Tube	Fin & Tube	Fin & Tube	
			Material		Fin	-	Al	Al	Al
					Tube	-	Cu	Cu	Cu
			Fin Treatment		-	Anti-Corrosion	Anti-Corrosion	Anti-Corrosion	Anti-Corrosion
	Compressor		Model Name			UB4TN8200FE4	UB8TN8300FJU	UB8TN8300FJU	UB5TN5450FJX
			Type		-	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC
			Output		kW	1.89	2.91	2.91	4.25
					Oil		Type	-	POE
			Initial charge		cc	320	1,200	1,200	1,700
	Fan		Type		-	Propeller	Propeller	Propeller	Propeller
			Discharge direction		-	Front	Front	Front	Front
			Quantity		EA	1	1	1	1
			Air Flow Rate		m ³ /min	51	72	72	72
	l/s	650			1,200	1,200	1,200		
	Fan Motor		Type		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
			Output		W x n	125 x 1	125 x 1	125 x 1	125 x 1
	Sound		Sound Pressure Level	Cooling	dB(A)	49	52	52	54
				Heating	dB(A)	51	54	54	56
			Sound Power Level		dB(A)	65	69	69	70
	External Dimension		Net Weight		kg	51.0	75.0	74.0	81.0
			Shipping Weight		kg	55.0	80.0	79.0	86.0
			Net Dimensions (WxHxD)		mm	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	940 x 998 x 330
			Shipping Dimensions (WxHxD)		mm	1,023 x 896 x 413	995 x 1,096 x 426	995 x 1,096 x 426	995 x 1,096 x 426
	Casing		Material		-	EGI Steel Plate	EGI Steel Plate	EGI Steel Plate	EGI Steel Plate
			Body		-	EGI Steel Plate	EGI Steel Plate	EGI Steel Plate	EGI Steel Plate
Operating Temp. Range		Cooling		°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	
		Heating		°C	-20 ~ 24	-20 ~ 24	-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.