

Specifications



360 Cassette R32 NEW

Indoor Unit		AC071RN4PKG/EU	AC100RN4PKG/EU	AC120RN4PKG/EU	AC140RN4PKG/EU	
Outdoor Unit- Mono-Phase		AC071RXADKG/EU	AC100RXADKG/EU	AC120RXADKG/EU	AC140RXADKG/EU	
Outdoor Unit- Tri-Phase		-	AC100RXADNG/EU	AC120RXADNG/EU	AC140RXADNG/EU	
Capacity						
Cooling (Min/Nominal/Max)	kW	1.50 / 7.10 / 8.70	3.0 / 10.0 / 12.0	3.5 / 12.0 / 13.5	3.5 / 13.4 / 15.5	
Heating up to +7°C (Min/Nominal/Max)	kW	1.90 / 8.00 / 9.00	2.2 / 11.2 / 15.5	3.5 / 13.2 / 15.5	3.5 / 15.5 / 18.0	
Heating @ -5°C	kW	7.8	11.00	12.9	15.2	
Heating @ -15°C	kW	7.00	9.7	11.5	13.5	
Performance						
Energy Efficiency	SEER	W/W	6.7 / A++	6.8 / A++	6.0 / A+	6.4
Cooling	Consumption	kWh/a	371	515	TBD	-
	Pdesignc	kW	7.1	10.0	TBD	-
	EER	W/W	2.6	3.08	2.69	2.81
Energy Efficiency	SCOP	W/W	4.2 / A+	4.3 / A+	4.0 / A+	4.1
Heating	Consumption	kWh/a	1500	1726	TBD	-
	Pdesignh (average)	kW	4.5	5.3	6.5	8.4
	COP	W/W	3.23	3.5	3.26	3.35
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	51.0	72.0	72.0	110.0
Sound Power	Indoor Unit	dB(A)	53	61	61	61
	Outdoor Unit	dB(A)	65	69	70	69
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	29 / 33 / 36	33 / 39 / 44	35 / 40 / 45	37 / 41 / 45
	Outdoor Unit	dB(A)	49/51	52 / 54	54 / 56	53 / 54
Fan/ Outdoor unit	Type		Turbo	Turbo	Turbo	Turbo
	Power	W	65	97	97	97
	Number	EA	1	1	1	1
External Static Pressure	Min / Std / Max	Pa				
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data						
Power Source	Indoor Unit	V / Hz / Ø / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Ø / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Ø / #	-	380-415/ 50/ 3/ 4	380-415/ 50/ 3/ 4	380-415/ 50/ 3/ 4
Compressor Type	Indoor Unit	Type	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC
Power (Min/ Nominal/Max)	Cooling	kW	0.35 / 2.73 / 3.60	0.60 / 3.24 / 4.70	0.90 / 4.45 / 5.30	0.80 / 4.76 / 6.45
	Heating	kW	0.35 / 2.48 / 3.95	0.46 / 3.20 / 5.40	0.75 / 4.05 / 5.60	0.70 / 4.62 / 7.36
Current Input	Cooling (Min/Std/Max)	A	2.0 / 11.8 / 16.0	3.0 / 14.4 / 20.4	0.75 / 4.05 / 5.60	3.7 / 20.6 / 28.0
	Heating (Min/Std/Max)	A	2.0 / 10.7 / 17.0	3.0 / 14.4 / 20.4	3.7 / 17.7 / 26.0	3.7 / 20.6 / 28.0
	Cooling- Tri-Phase (Min/Std/Max)	A	-	1.5 / 5.1 / 7.1	2.1 / 6.9 / 10.0	2.1 / 7.3 / 10.5
	Heating- Tri-Phase (Min/Std/Max)	A	-	1.2 / 5.0 / 8.4	2.1 / 6.3 / 12.0	1.9 / 7.1 / 12.0
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	947 x 281 x 947	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947
	Outdoor Unit	mm	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	940 x 1210 x 330
Net Weight	Indoor Unit	kg	20.2	23.5	23.5	25.5
	Outdoor Unit	kg	51.0	75.0	81.0	91.5
Refrigerant						
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)			
	Factory charging	kg	1.7 / 15m	2.7 / 30m	2.7 / 30m	2.9 / 30m
	Charging Ton equivalent CO2	tCO2e	1.15 tCO2e	1.82 tCO2e	1.82 tCO2e	1.96 tCO2e
	Additional refrigerant charging	g / m	25	50	50	50
Piping Connections	Liquid Pipe	Ø.inch	1 / 4	3 / 8	3 / 8	3 / 8
	Gas Pipe	Ø.inch	5 / 8	5 / 8	5 / 8	5 / 8
Piping Length	Min/ Max	m	3 / 50	50	50	75
Piping Height	Max	m	30	30	30	30
Piping Connections	Drain pipe	Ø.mm	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)
Others						
Panel	Model code		PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN
	Net Dimensions (W x H x D)	mm	1050 x 66 x 1050	1050 x 66 x 1050	1050 x 66 x 1050	1050 x 66 x 1050
	Net Weight	kg	2.7	2.7	2.7	2.7
Accessoires	Drain pump		included	included	included	included
	Max lifting height/ displacement	mm / L/h	750/24	750/24	750/24	750/24

- 360° air supply.
- Bladeless discharge by using 3 small booster fans.
- Built-in condensation drain pump (750 mmH2O).
- High ceiling mode for heights up to 4.6m (12.8/14 kW), 3.9m (11.2 kW), 3.5m(4.5~9kW).

- SPI ionizer device (optional).
- Circular or square cassette panel.

Accessories									
Individual Controllers (Optional)			Others (Optional)			Panel (Mandatory)			
									
AR-KH03E	MWR-SH00N	MWR-SH11N	MWR-WE13N	MIM-H03N	MRW-TA	PC4NUDMAN	PC4NUNMAN	PC4NBDMAN	PC4NBNMAN