

Specifications



Wind-Free™ Mini 4-Way Cassette R32 NEW

Indoor Unit		AC026RNDKG/EU	AC035RNDKG/EU	AC052RNDKG/EU	AC071RNDKG/EU	
Outdoor Unit- Mono-Phase		AC026RXADKG/EU	AC035RXADKG/EU	AC052RXADKG/EU	AC071RXADKG/EU	
Outdoor Unit- Tri-Phase						
Capacity						
Cooling (Min/Nominal/Max)	kW	0.87 / 2.60 / 4.10	0.88 / 3.50 / 4.50	1.30 / 5.00 / 6.20	1.50 / 6.80 / 8.30	
Heating up to +7°C (Min/Nominal/Max)	kW	0.98 / 3.40 / 4.10	1.00 / 4.00 / 4.80	1.30 / 5.50 / 7.50	1.90 / 7.50 / 9.00	
Heating @ -5°C	kW	3.3	3.9	5.4	7.4	
Heating @ -15°C	kW	3.00	3.5	4.8	6.5	
Performance						
Energy Efficiency	SEER	W/W	71 / A++	70 / A++	67 / A++	61 / A++
Cooling	Consumption	kWh/a	128	175	261	390
	Pdesignc	kW	2.6	3.5	5.0	6.8
	EER	W/W	3.88	3.4	3.27	2.47
Energy Efficiency	SCOP	W/W	4.3 / A+	4.3 / A+	4.2 / A+	3.8 / A
Heating	Consumption	kWh/a	684	684	800	1474
	Pdesignh (average)	kW	2.1	2.1	2.4	4.0
	COP	W/W	3.69	3.33	3.62	2.68
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	30.0	30.0	40.0	51.0
Sound Power	Indoor Unit	dB(A)	48	50	56	58
	Outdoor Unit	dB(A)	59	61	62	65
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	25 / 28 / 31	25 / 30 / 34	29 / 34 / 39	36 / 39 / 42
	Outdoor Unit	dB(A)	46/47	48/48	48/48	49/51
Fan/ Outdoor unit	Type		Turbo	Turbo	Turbo	Turbo
	Power	W	65	65	65	65
	Number	EA	1	1	1	1
External Static Pressure	Min / Std / Max	Pa				
Operating Temp. Range	Cooling	°C	-15 ~ 46	-15 ~ 46	-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 / #				
Compressor Type	Outdoor Unit	Type	Single BLDC	Single BLDC	Twin BLDC	Twin BLDC
Power (Min/ Nominal/Max)	Cooling	kW	0.16 / 0.67 / 1.20	0.18 / 1.03 / 1.40	0.31 / 1.53 / 2.10	0.35 / 2.75 / 3.60
	Heating	kW	0.20 / 0.92 / 1.45	0.19 / 1.20 / 1.80	0.35 / 1.52 / 2.40	0.35 / 2.80 / 3.95
Current Input	Cooling (Min/Std/Max)	A	1.3 / 3.5 / 5.5	1.4 / 5.0 / 6.0	2.6 / 7.0 / 9.5	2.0 / 12.0 / 16.0
	Heating (Min/Std/Max)	A	1.3 / 4.6 / 7.0	1.3 / 5.7 / 10.5	2.9 / 7.0 / 11.0	2.0 / 12.0 / 17.0
	Cooling- Tri-Phase (Min/Std/Max)	A				
	Heating- Tri-Phase (Min/Std/Max)	A				
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	11.5	11.5	12.0	12.0
	Outdoor Unit	kg	32.5	32.5	43.0	51.0
Refrigerant						
Refrigerant	Type		R32(Contains fluorinated greenhouse gases, GWP=675)			
	Factory charging	kg	0.9 / 20m	0.9 / 20m	1.2 / 10m	1.7 / 15m
	Charging Ton equivalent CO2	tCO2e	0.61 tCO2e	0.61 tCO2e	0.81 tCO2e	1.15 tCO2e
	Additional refrigerant charging	g / m	-	-	15	25
Piping Connections	Liquid Pipe	Ø.inch	1 / 4	1 / 4	1 / 4	1 / 4
	Gas Pipe	Ø.inch	3 / 8	3 / 8	1 / 2	5 / 8
Piping Length	Min/ Max	m	3 / 20	3 / 20	3 / 30	3 / 50
Piping Height	Max	m	15	15	20	30
Piping Connections	Drain pipe	Ø.mm	ID18	ID18	ID18	ID18
Others						
Panel	Model code		PC4SUFMAN	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN
	Net Dimensions (W x H x D)	mm	620 x 46 x 620	620 x 46 x 620	620 x 46 x 620	620 x 46 x 620
	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

- 2-StepCooling – FastCooling & Wind-Free™ Coating.
- Four-way air supply via independently adjustable blades.
- Blade angle between 32° and 75°. Blade width 66mm.

- Built-in humidity sensor.
- Built-in condensation drain pump (750 mmH2O).

