

Specifications



Wind-Free™ 1-Way Cassette R32 NEW

Indoor Unit			AC026RN1DKG/EU	AC035RN1DKG/EU
Outdoor Unit- Mono-Phase			AC026RXADKG/EU	AC035RXADKG/EU
Outdoor Unit- Tri-Phase				
Capacity				
	Cooling (Min/Nominal/Max)	kW	0.82 / 2.60 / 3.80	0.85 / 3.50 / 4.20
	Heating up to +7°C (Min/Nominal/Max)	kW	0.98 / 3.30 / 4.40	1.00 / 4.00 / 5.00
	Heating @ -5°C	kW	3.2	3.9
	Heating @ -15°C	kW	2.9	2.8
Performance				
Energy Efficiency Cooling	SEER	W/W	6.4 / A++	6.2 / A++
	Consumption	kWh/a	142	198
	Pdesignc	kW	2.6	3.5
	EER	W/W	3.61	3.21
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.0 / A+
	Consumption	kWh/a	700	700
	Pdesignh (average)	kW	2.0	2.0
	COP	W/W	3.26	3.12
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	7.3 / 6.5 / 5.8	9.0 / 8.2 / 7.2
Sound Power	Indoor Unit	dB(A)	52	55
	Outdoor Unit	dB(A)	59	61
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	25 / 26 / 29 / 32	28 / 29 / 32 / 35
	Outdoor Unit	dB(A)	46 / 47	48 / 48
Fan/ Outdoor unit	Type		Crossflow Fan	Crossflow Fan
	Power	W	27	27
	Number	EA	1	1
External Static Pressure	Min / Std / Max	Pa		
Operating Temp. Range	Cooling	°C	-15 - 46	-15 - 46
	Heating	°C	-20 - 24	-20 - 24
Electrical Data				
Power Source	Indoor Unit	V / Hz / Ø / #	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
	Outdoor Unit 3P	V / Hz / Ø / #		
Compressor Type	Outdoor Unit	Type	Single BLDC	Single BLDC
Power (Min/ Nominal/Max)	Cooling	kW	0.17 / 0.72 / 1.16	0.18 / 1.09 / 1.40
	Heating	kW	0.20 / 1.01 / 1.45	0.19 / 1.28 / 1.80
Current Input	Cooling (Min/Std/Max)	A	1.2 / 3.8 / 5.4	1.6 / 5.3 / 7.5
	Heating (Min/Std/Max)	A	1.4 / 5.0 / 7.0	1.3 / 6.2 / 10.5
	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	970 x 135 x 410	970 x 135 x 410
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285
Net Weight	Indoor Unit	kg	9.2	9.2
	Outdoor Unit	kg	32.5	32.5
Refrigerant				
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)	
	Factory charging	kg	0.9 / 20m	0.9 / 20
	Charging Ton equivalent CO2	tCO2e	0.61 tCO2e	0.61 tCO2e
	Additional refrigerant charging	g / m	-	-
Piping Connections	Liquid Pipe	Ø.inch	1 / 4	1 / 4
	Gas Pipe	Ø.inch	3 / 8	3 / 8
	Piping Length	Min/ Max	3 / 20	3 / 20
Piping Height	Max	m	15	15
Piping Connections	Drain pipe	Ø.mm	ID 18	ID 18
Others				
Panel	Model code		PCINWFMAN	PCINWFMAN
	Net Dimensions (W x H x D)	mm	1198 x 35 x 500	1198 x 35 x 500
	Net Weight	kg	4.3	4.3
Accessoires	Drain pump		included	included
	Max lifting height/ displacement	mm / L/h	750/24	750/24

- 2-StepCooling – FastCooling & Wind-Free™ Cooling.
- Blade angle between 37° and 87°, Blade width 100mm.
- Built-in humidity sensor.

- Height of only 135 mm.
- Built-in condensation drain pump (750 mmH2O).

Accessories					
Individual Controllers (Optional)			Others (Optional)		
					
AR-EH03E	MWR-SH00N	MWR-SH11N	MWR-WE13N	PCINWFMAN	MRW-TA