

Specifications

WindFree™ 1-Way Cassette R32

- 2-Step Cooling: Fast Cooling & WindFree™ Cooling.
- Blade angle between 37° and 87°, blade width 100 mm.
- Built-in humidity sensor.

- Height of only 135 mm.
- Built-in condensation drain pump (750 mmH₂O).
- Optional PM1.0 panel available.



				
Indoor Unit			AC026R1DKG/EU	AC035R1DKG/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 @ +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 ¹	W/W	6.4/ 	6.2/ 
	Power Consumption	kWh/a	142	198
	P _{designc}	kW	2.60	3.50
	EER	W/W	3.61	3.21
Energy Efficiency Heating	SCOP ¹	W/W	4.0/ 	4.0/ 
	Power Consumption	kWh/a	700	700
	P _{designh} (average)	kW	2.0	2.0
	COP ¹	W/W	3.26	3.12
Airflow Rate	Indoor Unit (H/M/L)	m ³ /min	73/6.5/5.8	90/8.2/7.2
Sound Power	Indoor Unit	dB(A)	52	55
	Outdoor Unit	dB(A)	59	61
Sound Pressure	Indoor Unit (H/M/L/Silent)	dB(A)	32/29/26/25	35/32/29/28
	Outdoor Unit (H/L)	dB(A)	47/46	48/48
Fan/Outdoor Unit	Type		Crossflow Fan	Crossflow Fan
	Power	W	27	27
	Number of Fans	-	1	1
Operating Temperature Range	Cooling	°C	-15~46	-15~46
	Heating	°C	-20.0~24.0	-20.0~24.0
Electrical Data				
Power Source	Indoor Unit	Φ, #, V, Hz	1Φ, 2, 220~240 V, 50 Hz	1Φ, 2, 220~240 V, 50 Hz
	Outdoor Unit Mono-Phase	Φ, #, V, Hz	1Φ, 2, 220~240 V, 50 Hz	1Φ, 2, 220~240 V, 50 Hz
	Outdoor Unit Tri-Phase	Φ, #, V, Hz		
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

			
Indoor Unit Outdoor Unit - Mono-Phase Outdoor Unit - Tri-Phase		AC026RN1DKG/EU AC026RXADKG/EU	AC035RN1DKG/EU AC035RXADKG/EU
Refrigerant			
Refrigerant	Type	R32 (contains fluorinated greenhouse gases, GWP = 675)	
	Factory Charging	kg	0.9/20 m
	Charging Ton equivalent CO ₂	tCO ₂ e	0.61
	Additional Refrigerant Charging	g/m	-
Piping Connections	Liquid Pipe	ø, inch	1/4
	Gas Pipe	ø, inch	3/8
Piping Length	Min/Max	m	3/20
Piping Height	Max	m	15
Piping Connections	Drain Pipe	ø, mm	ID 18
Others			
Panel	Model Code	PC1NWFMAN	PC1NWFMAN
	Net Dimensions (W x H x D)	mm	1,198 x 35 x 500
	Net Weight	kg	4.3
Accessories	Drain Pump	Included	Included
	Max. Lifting Height/Displacement	mm / Litres/h	750/24

Accessories

				
Wireless Remote Controller	Simple Type Controller	Touch Controller	Advanced Wired Controller	Touch Centralised Controller
AR-EH03E	MWR-SH00N	MWR-SH11N	MWR-WG00JN/MWR-WG00KN	MCM-A300N
				
DMS 2.5	BACnet/Lonworks/PIM	ON/OFF Controller	Wi-Fi Kit	External Thermostat
MIM-D01AN	MIM-B17BN/B18BN/B16N	MCM-A202DN	MIM-H04EN	MRW-TA
				
Panel (Mandatory)	Air Purification Panel			
PC1NWFMAN	PC1NWCMAN			

¹ Energy labels as shown are according to EU No 626/2011 (LOT10) label classification 2019, on a scale from D to A+++.