

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		AC026RNTDKG/EU	AC035RNTDKG/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	6.4 A++	6.2 A++
	Power Consumption	142	198
	Pdesignhc	2.60	3.50
	EER	3.61	3.21
Energy Efficiency Heating	SCOP ³	4.0 A+	4.0 A+
	Power Consumption	700	700
	Pdesignh (average)	2.0	2.0
	CDP ⁴	3.26	3.12
Airflow Rate	Indoor Unit (H/M/L)	7.3/6.5/5.8	9.0/8.2/7.2
Sound Power	Indoor Unit	52	55
	Outdoor Unit	59	61
Sound Pressure	Indoor Unit (H/M/L/Silent)	32/29/26/25	35/32/29/28
	Outdoor Unit (H/L)	47/46	48/48
Fan/Outdoor Unit	Type	Crossflow Fan	Crossflow Fan
	Power	W	27
	Number of Fans	-	1
Operating Temperature Range	Cooling	°C	-15~46
	Heating	°C	-20.0~24.0
Electrical Data			
Power Source	Indoor Unit	Φ, #, V, Hz	10, 2, 220~240 V, 50 Hz
	Outdoor Unit Mono-Phase	Φ, #, V, Hz	10, 2, 220~240 V, 50 Hz
	Outdoor Unit Tri-Phase	Φ, #, V, Hz	10, 2, 220~240 V, 50 Hz
Compressor Type	Outdoor Unit	Type	Single BLDC
	Power (Min/Nominal/Max)	Cooling	0.17/0.72/1.16
Current Input	Heating	KW	0.19/1.09/1.40
	Cooling (Min/Std/Max)	A	1.2/3.8/5.4
Dimensions	Heating (Min/Std/Max)	A	1.4/5.0/7.0
	Cooling - Tri-Phase (Min/Std/Max)	A	
	Heating - Tri-Phase (Min/Std/Max)	A	
Net Dimensions (W x H x D)	Indoor Unit	mm	970 x 135 x 410
	Outdoor Unit	mm	790 x 548 x 285
Net Weight	Indoor Unit	kg	9.2
	Outdoor Unit	kg	32.5

Indoor Unit		AC026RNTDKG/EU	AC035RNTDKG/EU
Outdoor Unit - Mono-Phase		AC026RXADKG/EU	AC035RXADKG/EU
Outdoor Unit - Tri-Phase			
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	PCINWFMAN	PCINWFMAN
	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

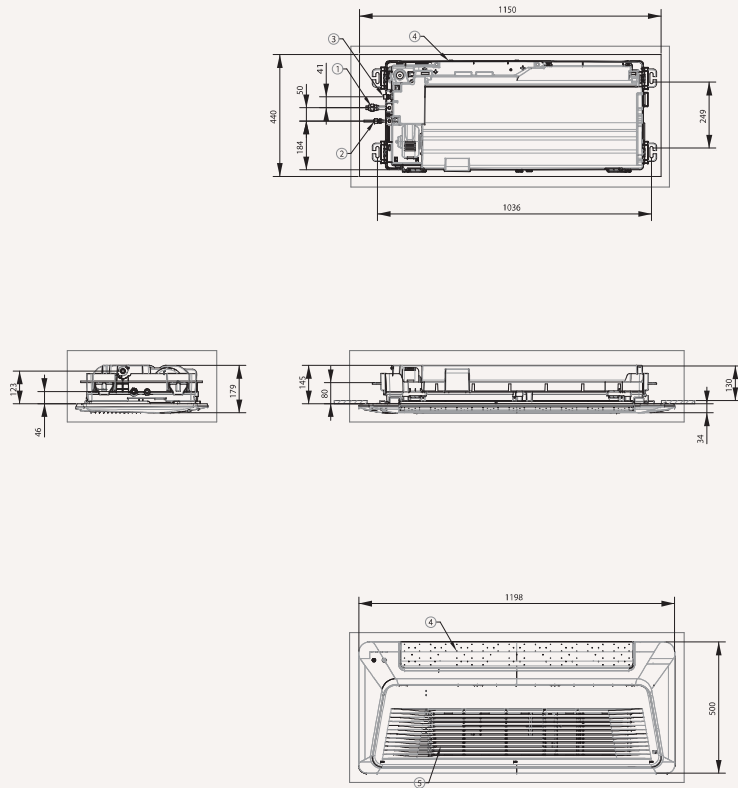
Accessories				
				
Wireless Remote Controller	Simple Type Controller	Touch Controller	Advanced Wired Controller	Touch Centralised Controller
AR-EH03E	MWR-SH00N	MWR-SH11N	MWR-WG00JN/MWR-WG00KN	MCM-A300N
				
DMS 2.5	BACnet/Lonworks/PIM	ON/OFF Controller	Wi-Fi Kit	External Thermostat
MIM-D01AN	MIM-B17BN/B18BN/B16N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

¹ Energy labels as shown are according to EU No 626/2011 (LOT10) label classification 2010, on a scale from D to A+++.

Dimensional drawings

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AC026/0355MN1DKH/EU



NO	Name	Description
1	Liquid pipe connection	ø6.35 (1/4)
2	Gas pipe connection	ø9.52 (3/8)
3	Drain pipe connection	VP20 (GD 26, ID 20)
4	Power supply/communication wiring conduits	