

## 2. Specification

### 2-2. Indoor units

(Wind-Free) 1 Way Cassette

Type				(Wind-Free) 1 Way Cassette	(Wind-Free) 1 Way Cassette
Model Name				AJ026TN1DKG/EU	AJ035TN1DKG/EU
Power Supply			Ø, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50
Mode			-	HP	HP
Performance	Capacity (Nominal)	Cooling	kW	2.60	3.50
			Btu/h	8,900	11,900
		Heating	kW	2.90	3.80
			Btu/h	9,900	13,000
Power	Power Input (Nominal)	Cooling	W	30.00	30.00
		Heating	W	30.00	30.00
	Current Input (Nominal)	Cooling	A	0.30	0.30
		Heating	A	0.30	0.30
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al
		Tube	-	Cu	Cu
	Fin Treatment		-	Green Hydrophile	Green Hydrophile
Fan	Type		-	Crossflow Fan	Crossflow Fan
	Quantity		EA	1	1
	Air Flow Rate		m <sup>3</sup> /min	7.3 / 6.5 / 5.8	9.0 / 8.2 / 7.2
			l/s	122 / 108 / 97	150 / 137 / 120
	External Static Pressure	Max. (Min/Std/Max)	mmAq	-	-
			Pa	-	-
Fan Motor	Type		-	BLDC	BLDC
	Output		W x n	27 x 1	27 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)
	Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes
	Drain Pipe		Φ, mm	VP20 (OD 25, ID 20)	VP20 (OD 25, ID 20)
Wiring connections	Communication	Min.	mm <sup>2</sup>	0.75	0.75
		Remark	-	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure Level	H / Silent	dB(A)	32 / 29 / 26	37 / 35 / 30
	Sound Power Level		dB(A)	50	55
External Dimension	Net Weight		kg	9.5	9.5
	Shipping Weight		kg	12.5	12.5
	Net Dimensions (WxHxD)		mm	970 x 135 x 410	970 x 135 x 410
	Shipping Dimensions (WxHxD)		mm	1173 x 231 x 487	1173 x 231 x 487
Casing	Material		-	ABS	ABS

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Type			(Wind-Free) 1 Way Cassette	(Wind-Free) 1 Way Cassette
Model Name			AJ026TN1DKG/EU	AJ035TN1DKG/EU
Panel 1	Model Name	-	PC1NWFMAN	PC1NWFMAN
	Type	-	Wind-Free	Wind-Free
	Material	-	HIPS	HIPS
	Color	-	White	White
	Net Weight	kg	4.3	4.3
	Shipping Weight	kg	6.3	6.3
	Net Dimensions (W×H×D)	mm	1,198 x 35 x 500	1,198 x 35 x 500
	Shipping Dimensions (W×H×D)	mm	1,262 x 122 x 566	1,262 x 122 x 566
Panel 2	Model Name	-	PC1NUSMAN	PC1NUSMAN
	Type	-	Normal	Normal
	Material	-	HIPS	HIPS
	Color	-	White	White
	Net Weight	kg	4.2	4.2
	Shipping Weight	kg	6.1	6.1
	Net Dimensions (W×H×D)	mm	1,180 x 25 x 460	1,180 x 25 x 460
	Shipping Dimensions (W×H×D)	mm	1,250 x 126 x 530	1,250 x 126 x 530
Additional Accessories	Drain pump		Built in	Built in
		Max. lifting Height / Displacement	mm / liter/h	750 / 24
	Air Filter		-	Option (Removable / Washable)

### NOTE

- Specifications may be subject to change without prior notice.
- 1)\* Capacities are based on (Equivalent refrigerant piping : 5m, Level differences : 0m)
  - Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB
  - Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB
- 2)\* Select wire size based on the value of MCA
- 3)\* Sound pressure level is obtained in an anechoic room.
  - Sound pressure level is a relative value, depending on the distance and acoustic environment.
  - Sound pressure level may differ depending on operation condition.
  - dBA = A-weighted sound pressure level
  - Reference acoustic pressure 0 dB = 20uPa
- 4)\* Sound power level is an absolute value that a sound source generates.
  - dBA = A-weighted sound power level
  - Reference power : 1pW
  - Measured according to ISO 3741
- 5)\* These products contain R32 (GWP=675) which is fluorinated greenhouse gas.