

2. Specification

2-2. Indoor units

AR5500

Type				AR5500	AR5500
Model Name				AR18TXFYAWKNEU	AR24TXFYAWKNEU
Power Supply			Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50
Mode			-	HP	HP
Performance	Capacity	Cooling	kW	5	6.5
			Btu/h	17,100	22,200
		Heating	kW	6	7.4
			Btu/h	20,500	25,300
Power	Power Input	Cooling	W	40	50
		Heating	W	40	50
	Current Input	Cooling	A	0.4	0.5
		Heating	A	0.4	0.5
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al
		Tube	-	Cu	Cu
	Fin Treatment		-	Green Hydrophile	Green Hydrophile
Fan	Type		-	Cross Flow	Cross Flow
	Quantity		EA	1	1
	Air Flow Rate	Cooling (T/H/M/L)	m ³ /min	15.3 / 14.8 / 13.7 / 12.7	16.4 / 15.3 / 14.2 / 13.1
			l/s	256 / 247 / 229 / 211	274 / 255 / 237 / 218
		Heating (T/H/M/L)	m ³ /min	15.5 / 15.0 / 13.9 / 12.8	17.1 / 16.0 / 14.9 / 13.8
			l/s	258 / 249 / 231 / 213	286 / 267 / 248 / 229
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)	12.7 (1/2)	15.88 (5/8)
	Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes
Drain Pipe		Φ, mm	16.3, 550	16.3, 550	
Wiring connections	Communication	Min.	mm ²	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)	41 / 28	45 / 29
	Sound Power Level		dB(A)	58	62

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External Dimension	Net Weight	kg	11.5	11.6
	Shipping Weight	kg	13.7	13.8
	Net Dimensions (WxHxD)	mm	1,055 x 299 x 215	1,055 x 299 x 215
	Shipping Dimensions (WxHxD)	mm	1,115 x 290 x 375	1,115 x 290 x 375
Casing	Material	-	HIPS	HIPS

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.