2. Specification

2-2. Indoor units

AR9500

Type				AR9500	AR9500
Model Name				AR18TXFCAWKNEU	AR24TXFCAWKNEU
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 / 14.3 / 13.3 / 12.2	16.4 / 15.3 / 14.3 / 12.7
			l/s	256 / 238 / 221 / 204	274 / 256 / 238 / 211
		Heating (T/H/M/L)	m^3/min	15.5 / 14.5 / 13.4 / 12.4	17.1 / 16.0 / 15.0 / 13.3
			l/s	258 / 241 / 223 / 206	286 / 267 / 249 / 222
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

2. Specification

Type			AR9500	AR9500
Model Name			AR18TXFCAWKNEU	AR24TXFCAWKNEU
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.