

2. Specification

2-2. Indoor units

AR5500

Type				AR5500	AR5500	AR5500
Model Name				AR07TXFYAWKNEU	AR09TXFYAWKNEU	AR12TXFYAWKNEU
Power Supply			Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode			-	HP	HP	HP
Performance	Capacity	Cooling	kW	2.0	2.5	3.5
			Btu/h	6,800	8,500	11,900
		Heating	kW	2.2	3.2	3.5
			Btu/h	7,500	10,900	11,900
Power	Power Input	Cooling	W	30	30	30
		Heating	W	30	30	30
	Current Input	Cooling	A	0.3	0.3	0.3
		Heating	A	0.3	0.3	0.3
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Green Hydrophile	Green Hydrophile	Green Hydrophile
Fan	Type		-	Cross Flow	Cross Flow	Cross Flow
	Quantity		EA	1	1	1
	Air Flow Rate	Cooling (T/H/M/L)	m ³ /min	9.9 / 9.4 / 9.3 / 8.4	10.3 / 9.8 / 9.3 / 8.4	10.7 / 10.3 / 9.3 / 8.4
			l/s	165 / 157 / 155 / 140	172 / 163 / 155 / 140	178 / 172 / 155 / 140
		Heating (T/H/M/L)	m ³ /min	10.8 / 10.4 / 10.3 / 9.3	11.2 / 10.7 / 10.3 / 9.3	11.7 / 11.2 / 10.3 / 9.3
			l/s	180 / 173 / 172 / 155	187 / 178 / 172 / 155	195 / 187 / 172 / 155
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W x n	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe	Type	-	Flare connection	Flare connection	Flare connection
		Φ, mm (inch)	-	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe	Type	-	Flare connection	Flare connection	Flare connection
		Φ, mm (inch)	-	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes
Drain Pipe		Φ, mm	-	16.3, 550	16.3, 550	16.3, 550
Wiring connections	Communication	Min.	mm ²	0.75	0.75	0.75
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure Level	H / Silent	dB(A)	36 / 19	37 / 19	38 / 19
	Sound Power Level		dB(A)	54	54	56

2. Specification

Type			AR5500	AR5500	AR5500
Model Name			AR07TXFYAWKNEU	AR09TXFYAWKNEU	AR12TXFYAWKNEU
External Dimension	Net Weight	kg	9.0	9.0	9.0
	Shipping Weight	kg	11.0	11.0	11.0
	Net Dimensions (WxHxD)	mm	820 x 299 x 215	820 x 299 x 215	820 x 299 x 215
	Shipping Dimensions (WxHxD)	mm	880 x 290 x 375	880 x 290 x 375	880 x 290 x 375
Casing	Material	-	HIPS	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.