

2. Specification

2-2. Indoor units

AR9500

Type				AR9500	AR9500	AR9500
Model Name				AR07TXFCAWKNEU	AR09TXFCAWKNEU	AR12TXFCAWKNEU
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 / 10.3 / 10.3 / 9.3	11.2 / 10.7 / 10.3 / 9.3	11.7 / 11.2 / 10.3 / 9.3
			l/s	180 / 173 / 171 / 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

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Type			AR9500	AR9500	AR9500
Model Name			AR07TXFCAWKNEU	AR09TXFCAWKNEU	AR12TXFCAWKNEU
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.