

1. Specification

Model Name				AM056ANHPKH/EU	AM071ANHPKH/EU	AM090ANHPKH/EU
Power Supply			Φ, #, V, Hz	1,2,220~240,50/60	1,2,220~240,50/60	1,2,220~240,50/60
Performance	Capacity	Cooling	kW	5.6	7.1	9.0
			Btu/h	19,100	24,200	30,700
	Heating	kW	6.3	8.0	10.0	
		Btu/h	21,500	27,300	34,100	
Power	Power Input	Cooling	W	70.0	120.0	145.0
		Heating		70.0	120.0	145.0
	Current Input	Cooling	A	0.7	1.0	1.2
		Heating		0.7	1.0	1.2
	Current	MCA	A	1.37	1.62	2.05
		MFA		15	15	15
Heat exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	hydrophilic	hydrophilic	hydrophilic
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Quantity		EA	3	3	3
	Air Flow Rate	H/M/L	m ³ /min	18 / 16 / 14	22 / 19 / 16	29 / 25 / 22
			l/s	300 / 267 / 233	367 / 317 / 267	483 / 417 / 367
	External Pressure	Min/Std/Max	mmAq	0 / 3 / 20	0 / 3 / 20	0 / 3 / 20
			Pa	0 / 29.42 / 196.13	0 / 29.42 / 196.13	0 / 29.42 / 196.13
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	153 x 1	153 x 1	244 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)
Drain Pipe		Φ, inch	VP25 (OD 25, ID 20)	VP25 (OD 25, ID 20)	VP25 (OD 25, ID 20)	
Wiring connections	Communication (Min.)		mm ²	0.75	0.75	0.75
			-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV
Sound	Sound Pressure Level	H/M/L	dB(A)	31 / 28 / 25	32 / 29 / 26	34 / 31 / 28
	Sound Power Level	Cooling		58	58	60
External Dimension	Net Weight		kg	35.4	35.4	35.4
	Shipping Weight		kg	40.5	40.5	40.5
	Net Dimensions (W×H×D)		mm	1200 x 250 x 700	1200 x 250 x 700	1200 x 250 x 700
	Shipping Dimensions (W×H×D)		mm	1429 x 320 x 779	1429 x 320 x 779	1429 x 320 x 779
Casing	Material		-	Steel	Steel	Steel
Additional Accessories	Drain pump	External Model	-	-	-	-
		Internal Model	-	Built in	Built in	Built in
		Max. lifting	mm / Liter/h	750 / 24	750 / 24	750 / 24
	Air Filter		-	-	-	-

- Specification may be subject to change without prior notice.
 - 1) Performances are based on the following test conditions.
 - 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
 - Equivalent refrigerant piping length 7.5m, Level differences 0m
 - 2) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - 3) 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) Select wire size based on the value of MCA

1. Specification

Model Name			AM112ANHPKH/EU	AM128ANHPKH/EU	AM140ANHPKH/EU	
Power Supply			Φ, #, V, Hz	1,2,220~240,50/60	1,2,220~240,50/60	1,2,220~240,50/60
Performance	Capacity	Cooling	kW	11.2	12.8	14.0
			Btu/h	38,200	43,700	47,800
	Heating	kW	12.5	13.8	16.0	
		Btu/h	42,700	47,100	54,600	
Power	Power Input	Cooling	W	130.0	185.0	220.0
		Heating		130.0	185.0	220.0
	Current Input	Cooling	A	1.2	1.3	1.5
		Heating		1.2	1.3	1.5
	Current	MCA	A	2.41	2.96	3.23
		MFA		15	15	15
Heat exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	hydrophilic	hydrophilic	hydrophilic
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Quantity		EA	3	3	3
	Air Flow Rate	H/M/L	m ³ /min	32 / 26 / 20	37 / 30 / 22	41 / 34 / 25
			l/s	533 / 433 / 333	617 / 500 / 367	683 / 567 / 417
	External Pressure	Min/Std/Max	mmAq	3 / 6.2 / 20	3 / 6.2 / 20	3 / 6.2 / 20
			Pa	29.42 / 60.8 / 196.13	29.42 / 60.8 / 196.13	29.42 / 60.8 / 196.13
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	350 x 1	350 x 1	350 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Drain Pipe		Φ,inch	VP25 (OD 25,ID 20)	VP25 (OD 25,ID 20)	VP25 (OD 25,ID 20)	
Wiring connections	Communication (Min.)		mm ²	0.75	0.75	0.75
			-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV
Sound	Sound Pressure Level	H/M/L	dB(A)	36 / 33 / 30	39 / 36 / 33	42 / 38 / 34
	Sound Power Level	Cooling		61	64	65
External Dimension	Net Weight		kg	44.5	44.5	44.5
	Shipping Weight		kg	50.5	50.5	50.5
	Net Dimensions (W×H×D)		mm	1300 x 300 x 700	1300 x 300 x 700	1300 x 300 x 700
	Shipping Dimensions (W×H×D)		mm	1529 x 370 x 779	1529 x 370 x 779	1529 x 370 x 779
Casing	Material		-	Steel	Steel	Steel
Additional Accessories	Drain pump	External Model	-	-	-	-
		Internal Model	-	Built in	Built in	Built in
		Max. lifting	mm / Liter/h	750 / 24	750 / 24	750 / 24
	Air Filter		-	-	-	-

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 - 1) Performances are based on the following test conditions.
 - 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
 - Equivalent refrigerant piping length 75m, Level differences 0m
 - 2) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - 3) 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) Select wire size based on the value of MCA