

1. Specification

Model Name				AM022ANMPKH/EU	AM028ANMPKH/EU	AM036ANMPKH/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	2.2	2.8	3.6
			Btu/h	7,500	9,600	12,300
	Heating	kW	2.5	3.2	4.0	
		Btu/h	8,500	10,900	13,600	
Power	Power Input	Cooling	W	42.0	42.0	45.0
		Heating		42.0	42.0	45.0
	Current Input	Cooling	A	0.4	0.4	0.4
		Heating		0.4	0.4	0.4
	Current	MCA	A	0.67	0.67	0.81
		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	2	2	2
	Air Flow Rate	H/M/L	m ³ /min	10.5 / 9 / 7	10.5 / 9 / 7	12 / 9.5 / 7.5
			l/s	175 / 150 / 117	175 / 150 / 117	208 / 158 / 125
	External Pressure	Min/Std/Max	mmAq	0 / 2.5 / 15	0 / 2.5 / 15	0 / 2.5 / 15
			Pa	0 / 24.52 / 147.1	0 / 24.52 / 147.1	0 / 24.52 / 147.1
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	153 x 1	153 x 1	153 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)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)
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)	28 / 26 / 24	28 / 26 / 24	30 / 27 / 24
	Sound Power Level	Cooling		50	51	53
External Dimension	Net Weight		kg	27.9	27.9	27.5
	Shipping Weight		kg	32.0	32.0	31.0
	Net Dimensions (W×H×D)		mm	850 x 250 x 700	850 x 250 x 700	850 x 250 x 700
	Shipping Dimensions (W×H×D)		mm	1064 x 320 x 784	1064 x 320 x 784	1064 x 320 x 784
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			AM045ANMPKH/EU	AM056ANMPKH/EU	AM071ANMPKH/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	4.5	5.6	7.1
			Btu/h	15,400	19,100	24,200
		Heating	kW	5.0	6.3	8.0
			Btu/h	17,100	21,500	27,300
Power	Power Input	Cooling	W	55.0	70.0	110.0
		Heating		55.0	70.0	110.0
	Current Input	Cooling	A	0.5	0.6	1.0
		Heating		0.5	0.6	1.0
	Current	MCA	A	0.89	1.08	1.48
		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	2	2	2
	Air Flow Rate	H/M/L	m ³ /min	14 / 11 / 8	16 / 13.5 / 9	21 / 18 / 13
			l/s	233 / 183 / 133	267 / 225 / 150	350 / 300 / 217
	External Pressure	Min/Std/Max	mmAq	0 / 3 / 15	0 / 3 / 15	0 / 3 / 15
			Pa	0 / 29.42 / 147.1	0 / 29.42 / 147.1	0 / 29.42 / 147.1
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	153 x 1	153 x 1	153 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	12.7 (1/2)	12.7 (1/2)	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 / 25	36 / 32 / 27
	Sound Power Level	Cooling		54	57	60
External Dimension	Net Weight		kg	27.5	27.5	27.5
	Shipping Weight		kg	31.0	31.0	31.0
	Net Dimensions (W×H×D)		mm	850 x 250 x 700	850 x 250 x 700	850 x 250 x 700
	Shipping Dimensions (W×H×D)		mm	1064 x 320 x 784	1064 x 320 x 784	1064 x 320 x 784
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

1. Specification

Model Name				AM090ANMPKH/EU	AM112ANMPKH/EU	AM128ANMPKH/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	9.0	11.2	12.8
			Btu/h	30,700	38,200	43,700
	Heating	kW	10.0	12.5	13.8	
		Btu/h	34,100	42,700	47,100	
Power	Power Input	Cooling	W	135.0	130.0	160.0
		Heating		135.0	130.0	160.0
	Current Input	Cooling	A	1.2	1.2	1.4
		Heating		1.2	1.2	1.4
	Current	MCA	A	1.78	1.97	2.17
		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	27 / 22 / 16	30 / 25 / 18	36 / 30 / 23
			l/s	450 / 367 / 267	500 / 417 / 300	600 / 500 / 383
	External Pressure	Min/Std/Max	mmAq	0 / 4 / 15	0 / 5.2 / 15	0 / 5.2 / 15
			Pa	0 / 39.23 / 147.1	0 / 50.99 / 147.1	0 / 50.99 / 147.1
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	153 x 1	244 x 1	244 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)	37 / 33 / 29	36 / 33 / 30	37 / 34 / 31
	Sound Power Level	Cooling		61	61	62
External Dimension	Net Weight		kg	35.0	39.5	39.5
	Shipping Weight		kg	39.5	45.5	45.5
	Net Dimensions (W×H×D)		mm	1200 x 250 x 700	1300 x 300 x 700	1300 x 300 x 700
	Shipping Dimensions (W×H×D)		mm	1429 x 320 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 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				AM140ANMPKH/EU
Power Supply			Φ, #, V, Hz	1,2,220~240,50/60
Performance	Capacity	Cooling	kW	14.0
			Btu/h	47,800
		Heating	kW	16.0
			Btu/h	54,600
Power	Power Input	Cooling	W	210.0
		Heating		210.0
	Current Input	Cooling	A	1.7
		Heating		1.7
	Current	MCA	A	2.38
		MFA		15
Heat exchanger	Type		-	Fin & Tube
	Material	Fin	-	Al
		Tube	-	Cu
	Fin Treatment		-	hydrophilic
Fan	Type		-	Sirocco Fan
	Quantity		EA	3
	Air Flow Rate	H/M/L	m ³ /min	40 / 34 / 24
			l/s	667 / 567 / 400
	External Pressure	Min/Std/Max	mmAq	0 / 5.2 / 15
			Pa	0 / 50.99 / 147.1
Fan Motor	Type		-	BLDC
	Output x n		W	244 x 1
Piping Connections	Liquid Pipe		Type	Flare connection
			Φ, mm (inch)	9.52 (3/8)
	Gas Pipe		Type	Flare connection
			Φ, mm (inch)	15.88 (5/8)
Drain Pipe		Φ,inch	VP25 (OD 25,ID 20)	
Wiring connections	Communication (Min.)		mm ²	0.75
			-	F1, F2
Refrigerant	Type		-	R410A
	Control Method		-	EEV
Sound	Sound Pressure Level	H/M/L	dB(A)	39 / 36 / 33
		Cooling		64
External Dimension	Net Weight		kg	39.5
	Shipping Weight		kg	45.5
	Net Dimensions (W×H×D)		mm	1300 x 300 x 700
	Shipping Dimensions (W×H×D)		mm	1529 x 370 x 779
Casing	Material		-	Steel
Additional Accessories	Drain pump	External Model	-	-
		Internal Model	-	Built in
		Max. lifting	mm / Liter/h	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 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