1. Specification

Model Name				AM017ANLDKH/EU	AM022ANLDKH/EU	AM028ANLDKH/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	1.7	2.2	2.8
			Btu/h	5,800	7,500	9,600
		Heating	kW	1.9	2.5	3.2
			Btu/h	6,500	8,500	10,900
Power	Power Input	Cooling	W	28.0	30.0	34.0
		Heating		28.0	30.0	36.0
	Current Input	Cooling	A	0.2	0.3	0.3
		Heating		0.2	0.3	0.3
	Current	MCA	A	0.35	0.38	0.45
		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	5.45 / 4.45 / 3.8	6 / 4.9 / 3.8	7.05 / 5.15 / 4.35
			l/s	91 / 74 / 63	100 / 82 / 63	118 / 86 / 73
	External Pressure	Min/Std/Max	mmAq	0 / 1 / 3	0 / 1 / 3	0 / 1 / 3
			Pa	0 / 9.81 / 29.42	0 / 9.81 / 29.42	0 / 9.81 / 29.42
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	69 x 1	69 x 1	69 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.)		㎟	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)	25 / 22 / 19	26 / 23 / 19	28 / 24 / 19
	Sound Power Level	Cooling		40	42	44
External Dimension	Net Weight		kg	14.9	14.9	14.9
	Shipping Weight		kg	18.2	18.2	18.2
	Net Dimensions (W×H×D)		mm	700 x 199 x 440	700 x 199 x 440	700 x 199 x 440
	Shipping Dimensions (W×H×D)		mm	949 x 280 x 544	949 x 280 x 544	949 x 280 x 544
Casing	Material		-	Steel	Steel	Steel
Additional Accessories	Drain pump	External Model	-	-	-	-
		Internal Model	-	-	-	-
		Max. lifting	mm / Liter/h	-	-	-
	Air Filter		-	Pre-filter included	Pre-filter included	Pre-filter included

- 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				AM036ANLDKH/EU	AM045ANLDKH/EU	AM056ANLDKH/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	3.6	4.5	5.6
			Btu/h	12,300	15,400	19,100
		Heating	kW	4.0	5.0	6.3
			Btu/h	13,600	17,100	21,500
Power	Power Input	Cooling	W	40.0	51.0	73.0
		Heating		42.0	46.0	68.0
	Current Input	Cooling	A	0.3	0.5	0.6
		Heating		0.4	0.4	0.6
	Current	MCA	A	0.53	0.64	0.92
		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	8.2 / 6.5 / 4.9	12.5 / 10 / 7.5	15.5 / 12.5 / 9.5
			l/s	137 / 108 / 82	208 / 167 / 125	258 / 208 / 158
	External Pressure	Min/Std/Max	mmAq	0 / 1 / 3	0 / 2 / 4	0 / 2 / 4
			Pa	0 / 9.81 / 29.42	0 / 19.61 / 39.23	0 / 19.61 / 39.23
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	69 x 1	84 x 1	84 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.)		㎟	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 / 26 / 20	32 / 28 / 25	34 / 30 / 26
	Sound Power Level	Cooling		46	47	49
External Dimension	Net Weight		kg	15.3	18.8	18.8
	Shipping Weight		kg	18.6	21.8	21.8
	Net Dimensions (W×H×D)		mm	700 x 199 x 440	900 x 199 x 440	900 x 199 x 440
	Shipping Dimensions (W×H×D)		mm	949 x 280 x 544	1,151 x 280 x 544	1,151 x 280 x 544
Casing	Material		-	Steel	Steel	Steel
Additional Accessories	Drain pump	External Model	-	-	-	-
		Internal Model	-	-	-	-
		Max. lifting	mm / Liter/h	-	-	-
	Air Filter		-	Pre-filter included	Pre-filter included	Pre-filter included

- 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				AM071ANLDKH/EU	AM090ANLDKH/EU	AM112ANLDKH/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	7.1	9.00	11.20
			Btu/h	24,200	30,700	38,200
		Heating	kW	8.0	10.00	12.50
			Btu/h	27,300	34,100	42,700
Power	Power Input	Cooling	W	82.0	170.0	170.0
		Heating		77.0	170.0	170.0
	Current Input	Cooling	A	0.7	1.0	1.0
		Heating		0.7	1.0	1.0
	Current	MCA	A	1.04	1.38	1.38
		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 / 14.5 / 11	29 / 27 / 25	31 / 29 / 27
			l/s	300 / 242 / 183	483 / 450 / 417	520 / 483 / 450
	External Pressure	Min/Std/Max	mmAq	0 / 2 / 4	0 / 3 / 6	0 / 3 / 6
			Pa	0 / 19.61 / 39.23	0 / 29.42 / 58.84	0 / 29.42 / 58.84
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	84 x 1	183 x 1	183 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.)		㎟	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)	34 / 30 / 27	37 / 36 / 34	37 / 36 / 34
	Sound Power Level	Cooling		49	66	66
External Dimension	Net Weight		kg	22.0	40.0	40.0
	Shipping Weight		kg	25.6	47.0	47.0
	Net Dimensions (W×H×D)		mm	1100 x 199 x 440	1300 x 295 x 690	1300 x 295 x 690
	Shipping Dimensions (W×H×D)		mm	1,351 x 280 x 544	1575 x 370 x 835	1575 x 370 x 835
Casing	Material		-	Steel	Steel	Steel
Additional Accessories	Drain pump	External Model	-	-	-	-
		Internal Model	-	-	MDP-E075SEE3D	MDP-E075SEE3D
		Max. lifting	mm / Liter/h	-	750 / 24	750 / 24
	Air Filter		-	Pre-filter included	Pre-filter included	Pre-filter included

- 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				AM128ANLDKH/EU	AM140ANLDKH/EU	AM090MNLDKH/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	12.80	14.00	9.00
			Btu/h	43,700	47,800	30,700
		Heating	kW	13.80	16.00	10.00
			Btu/h	47,100	54,600	34,100
Power	Power Input	Cooling	W	200.0	220.0	170.0
		Heating		200.0	220.0	170.0
	Current Input	Cooling	A	1.3	1.4	1.0
		Heating		1.3	1.4	1.0
	Current	MCA	A	1.75	1.92	1.38
		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	34 / 32 / 30	36 / 34 / 32	29 / 27 / 25
			l/s	567 / 533 / 500	600 / 567 / 533	483 / 450 / 417
	External Pressure	Min/Std/Max	mmAq	0 / 3 / 6	0 / 3 / 6	0 / 3 / 6
			Pa	0 / 29.42 / 58.84	0 / 29.42 / 58.84	0 / 29.42 / 58.84
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	183 x 1	183 x 1	183 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 32,ID 25)	VP25 (OD 25,ID 20)
Wiring connections	Communication (Min.)		㎟	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 / 36 / 34	39 / 38 / 36	37 / 36 / 34
	Sound Power Level	Cooling		66	68	66
External Dimension	Net Weight		kg	41.5	41.5	40.5
	Shipping Weight		kg	48.5	48.5	48.0
	Net Dimensions (W×H×D)		mm	1300 x 295 x 690	1300 x 295 x 690	1300 x 295 x 690
	Shipping Dimensions (W×H×D)		mm	1575 x 370 x 835	1575 x 370 x 835	1575 x 370 x 835
Casing	Material		-	Steel	Steel	Steel
Additional Accessories	Drain pump	External Model	-	-	-	-
		Internal Model	-	MDP-E075SEE3D	MDP-E075SEE3D	Built in
		Max. lifting	mm / Liter/h	750 / 24	750 / 24	750 / 24
	Air Filter		-	Pre-filter included	Pre-filter included	Pre-filter included

- 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