

2. Product Specifications

2-1 Product Specifications

2-1-1 Indoor Unit

■ Slim 1way cassette type

Model			AM017HN1DEH/EU	AM022HN1DEH/EU	AM022FN1DEH/EU	AM028FN1DEH/EU	AM036FN1DEH/*	
Power Supply			ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	
Mode*1)			HP/HR	HP/HR	HP / HR	HP / HR	HP / HR	
Performance	Capacity	Cooling*2)	kW	1.7	2.2	2.2	2.8	3.6
			Btu/h	5800	7500	7,500	9,500	12,200
	Heating*3)	kW	1.9	2.5	2.6	3.2	4.0	
		Btu/h	6400	8500	8,500	10,900	13,600	
Condensate (with High fan speed)		Liters/h	1.6	1.6	1.12	1.44	1.6	
Power	Input	W	24	25	50*5)	45*5)	50*5)	
	Running Current	A	0.14	0.15	0.20*5)	0.23*5)	0.25*5)	
Sound Level	Sound Pressure*4)	dB(A)	33	34	34	37	40	
Fan	Type	-	Crossflow fan	Crossflow fan	Crossflow fan	Crossflow fan	Crossflow fan	
	Motor	Model	-	SIC-41CVJ-F127-2	SIC-41CVJ-F127-2	Y4S476B041L	Y4S476B041L	Y4S476B041L
		Type	-	BLDC	BLDC	Feedback SSR	Feedback SSR	Feedback SSR
		Output	W	27W	27W	-	-	-
Air Flow Rate		m ³ /min	4.8/4.3/4.1	5.1/4.6/4.3	6/5/4	7/6/5	8/7/6	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	
	Control Method	-	EEV	EEV	EEV	EEV	EEV	
Temperature Control		-	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	
Safety Devices		-	Fuse	Fuse	Fuse	Fuse	Fuse	
Piping Connections	Liquid (Flare)	ø, mm	6.35	6.35	6.35	6.35	6.35	
	Gas (Flare)	ø, mm	12.7	12.7	12.7	12.7	12.7	
	Drain (Quick Lock)	ø, mm	VP20	VP20	VP20 (OD 25, ID 20)	VP20 (OD 25, ID 20)	VP20 (OD 25, ID 20)	
Weight	Net Weight	kg	8	8	10.5	10.5	10.5	
	Shipping Weight	kg	10.8	10.8	13.0	13.0	13.0	
Dimensions	Net Dimensions (W x H x D)	mm	740x135x360	740x135x360	970x135x410	970x135x410	970x135x410	
	Shipping Dimensions (W x H x D)	mm	895x223x435	895x223x435	1,164x212x478	1,164x212x478	1,164x212x478	
Panel Size	Model	-	PC1MWSKAN	PC1MWSKAN	PC1NUSMAN	PC1NUSMAN	PC1NUSMAN	
	Net Weight	kg	2.6	2.6	3.0	3.0	3.0	
	Shipping Weight	kg	4.2	4.2	5.0	5.0	5.0	
	Net Dimensions (W x H x D)	mm	900x25x420	900x25x420	1,180x25x460	1,180x25x460	1,180x25x460	
	Shipping Dimensions (W x H x D)	mm	958x112x482	958x112x482	1,259x144x539	1,259x144x539	1,259x144x539	
Functions	Auto Restart	-	O	O	O	O	O	
	Auto Swing	-	O	O	O	O	O	
	Group/Individual Control	-	O	O	O	O	O	
	External Contact Control	-	O	O	O	O	O	
	Trouble Shooting by LED	-	O	O	O	O	O	
Standard Accessories	Installation Manual	-	O	O	O	O	O	
	Operation Manual	-	X	X	X	X	X	
	Pattern Sheet for Installation	-	O	O	O	O	O	
	Flexible Drain Hose	-	O	O	O	O	O	
	Filter / Safety Grille	-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	
	Drain Pump (Pumping speed, lift)	ℓ/h,mm	24, 750	24, 750	24, 750	24, 750	24, 750	
Optional Accessories	Wireless Remote Controller	-	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	
	Wired Remote Controller	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	
	External Contact Interface Module	-	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Slim 1way cassette type (cont.)

Model			AM056*N1DEH*	AM071*N1DEH*	
Power Supply		ø/N/Hz	1/220~240/50	1/220~240/50	
Mode*1)			HP/HR	HP/HR	
Performance	Capacity	Cooling*2)	kW	5.6	7.1
			Btu/h	19,100	24,200
	Heating*3)	kW	6.3	8.0	
		Btu/h	21,500	27,300	
Condensate (with High fan speed)		Liters/h	-	-	
Power	Input	W	55.0	80.0	
	Running Current	A	0.28	0.40	
Sound Level	Sound Pressure *4)	dB(A)	36	39	
Fan	Type		-	Crossflow Fan	Crossflow Fan
	Motor	Model	-	SIC-55CVL-F158-3 FDA6531SSH	SIC-55CVL-F158-3 FDA6531SSH
		Type	-	BLDC	BLDC
		Output	W	54W	54W
Airflow Rate	Cooling (High)	m ³ /min	16.00/14.00/12.50	17.00/15.50/14.00	
	Heating (High)	m ³ /min	16.00/14.00/12.50	17.00/15.50/14.00	
Refrigerant	Type	-	R410A	R410A	
	Control Method	-	EEV	EEV	
Temperature Control		-	Micom & Thermistors	Micom & Thermistors	
Safety Devices		-	Fuse	Fuse	
Piping Connections	Liquid (Flare)	ø, mm	6.35	9.52	
	Gas (Flare)	ø, mm	12.7	15.88	
	Drain (Quick Lock)	ø, mm	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	
Weight	Net Weight	kg	14	14	
	Shipping Weight	kg	18	18	
Dimensions	Net Dimensions (W x H x D)	mm	1200 x 138 x 450	1200 x 138 x 450	
	Shipping Dimensions (W x H x D)	mm	1435 x 224 x 525	1435 x 224 x 525	
Panel Size	Model	-	PC1BWSMAN	PC1BWSMAN	
	Net Weight	kg	6.3	6.3	
	Shipping Weight	kg	8.3	8.3	
	Net Dimensions (W x H x D)	mm	1410 x 23 x 500	1410 x 23 x 500	
	Shipping Dimensions (W x H x D)	mm	1474 x 122 x 566	1474 x 122 x 566	
Functions	Auto Restart	-	O	O	
	Auto Swing	-	O	O	
	Group/Individual Control	-	O	O	
	External Contact Control	-	O	O	
	Trouble Shooting by LED	-	O	O	
Standard Accessories	Installation Manual	-	O	O	
	Operation Manual	-	X	X	
	Pattern Sheet for Installation	-	O	O	
	Flexible Drain Hose	-	O	O	
	Filter / Safety Grille	-	Filter (Washable)	Filter (Washable)	
	Drain Pump (Pumping speed, lift)	ℓ/h,mm	24, 750	24, 750	
Optional Accessories	Wireless Remote Controller	-	MR-DH00	MR-DH00	
	Wired Remote Controller	-	MWR-WE10N	MWR-WE10N	
	External Contact Interface Module	-	MIM-B14	MIM-B14	



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*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

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Indoor Unit (cont.)

■ 2 way cassette type

Model			AM056FN2DEH/*	AM071FN2DEH/*	
Power Supply		ø/V/Hz	1/220~240/50	1/220~240/50	
Mode*1)			HP / HR	HP / HR	
Performance	Capacity	Cooling*2)	kW	5.6	7.1
			Btu/h	19,100	24,200
	Heating*3)	kW	6.3	8.0	
		Btu/h	21,400	27,200	
Condensate (with High fan speed)		Liters/h	2.87	3.19	
Power	Input	W	70	75	
	Running Current	A	0.38	0.40	
Sound Level	Sound Pressure *4)	dB(A)	45	46	
Fan	Type	-	Crossflow fan	Crossflow fan	
	Motor	Model	-	PFS027WTVB	PFS027WTVB
		Type	-	Feedback SSR	Feedback SSR
		Output	W	14.0 x 2	14.0 x 2
Airflow Rate	H/M/L (UL)	CMM	14.00/13.00/12.00	15.00/14.00/13.00	
		l/s	233.33/216.67/200.00	250.00/233.33/216.67	
Refrigerant	Type	-	R410A	R410A	
	Control Method	-	EEV	EEV	
Temperature Control		-	Micom & Thermistors	Micom & Thermistors	
Safety Devices		-	Fuse	Fuse	
Piping Connections	Liquid (Flare)	ø, mm	6.35	9.52	
	Gas (Flare)	ø, mm	12.70	15.88	
	Drain (Quick Lock)	ø, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
Weight	Net Weight	kg	21.0	22.0	
	Shipping Weight	kg	25.0	26.0	
Dimensions	Net Dimensions (W x H x D)	mm	890x230x575	890x230x575	
	Shipping Dimensions (W x H x D)	mm	1,077x299x642	1,077x299x642	
Panel Size	Model	-	PC2NUSMEN	PC2NUSMEN	
	Net Weight	kg	4.0	4.0	
	Shipping Weight	kg	8.0	8.0	
	Net Dimensions (W x H x D)	mm	1,030x25x650	1,030x25x650	
	Shipping Dimensions (W x H x D)	mm	1,103x151x727	1,103x151x727	
Functions	Auto Restart	-	O	O	
	Auto Swing	-	O	O	
	Group/Individual Control	-	O	O	
	External Contact Control	-	O	O	
	Trouble Shooting by LED	-	O	O	
Standard Accessories	Installation Manual	-	O	O	
	Operation Manual	-	X	X	
	Pattern Sheet for Installation	-	O	O	
	Flexible Drain Hose	-	O	O	
	Filter / Safety Grille	-	Filter (Washable)	Filter (Washable)	
Drain Pump (Pumping speed, lift)	ℓ/h,mm	24, 750	24, 750		
Optional Accessories	Wireless Remote Controller	-	MR-DH00	MR-DH00	
	Wired Remote Controller	-	MWR-WE10N	MWR-WE10N	
		-	MWR-WS00	MWR-WS00	
	External Contact Interface Module	-	MIM-B14	MIM-B14	



*1) Mode

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*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ 4 way cassette

Model			AM045FN4DEH/*	AM056FN4DEH/*	AM071FN4DEH/*	AM090FN4DEH/*	
Power Supply		ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	
Mode*1)			HP / HR	HP / HR	HP / HR	HP / HR	
Performance	Capacity	Cooling*2)	kW	4.5	5.6	7.1	9.0
			Btu/h	15,300	19,100	24,200	30,700
		Heating*3)	kW	5.0	6.3	8.0	10.0
			Btu/h	17,000	21,400	27,200	34,100
	Condensate (with High fan speed)		Liters/h	2.23	2.71	3.51	4.46
Power	Input		W	32	32	45	62
	Running Current		A	0.22	0.22	0.31	0.43
Sound Level	Sound Pressure (Cooling/Heating)*4)		dB(A)	42 / 44	42 / 44	44 / 44	47 / 47
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor	Model	-	FMC6531SSH	FMC6531SSH	FMC6531SSH	FMC6531SSH
		Type	-	BLDC	BLDC	BLDC	BLDC
		Output	-	*5)	*5)	*5)	*5)
Airflow Rate	H/M/L (UL)	CMM	14.50/13.50/12.50	15.00/14.00/13.00	17.00/15.50/14.50	19.50/18.00/16.50	
		l/s	241.67/225.00/208.33	250.00/233.33/216.67	283.33/258.33/241.67	325.00/300.00/275.00	
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV	EEV
Temperature Control		-	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	
Safety Devices		-	Fuse	Fuse	Fuse	Fuse	
Piping Connections	Liquid (Flare)		ø, mm	6.35	6.35	9.52	9.52
	Gas (Flare)		ø, mm	12.7	12.7	15.88	15.88
	Drain (Quick Lock)		ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	15.5	15.5	15.5	15.5
	Shipping Weight		kg	19.5	19.5	19.5	19.5
Dimensions	Net Dimensions (W x H x D)		mm	840x204x840	840x204x840	840x204x840	840x204x840
	Shipping Dimensions (W x H x D)		mm	898x275x898	898x275x898	898x275x898	898x275x898
Panel Size	Model		-	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN
	Net Weight		kg	5.8	5.8	5.8	5.8
	Shipping Weight		kg	8.4	8.4	8.4	8.4
	Net Dimensions (W x H x D)		mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
	Shipping Dimensions (W x H x D)		mm	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005
Functions	Auto Restart		-	O	O	O	O
	Auto Swing		-	O	O	O	O
	Group/Individual Control		-	O	O	O	O
	External Contact Control		-	O	O	O	O
	Trouble Shooting by LED		-	O	O	O	O
Standard Accessories	Installation Manual		-	O	O	O	O
	Operation Manual		-	X	X	X	X
	Pattern Sheet for Installation		-	O	O	O	O
	Flexible Drain Hose		-	O	O	O	O
	Filter / Safety Grille		-	Filter / Safety Grille	Filter / Safety Grille	Filter / Safety Grille	Filter / Safety Grille
	Drain Pump (Pumping speed, lift)		ℓ/h,mm	24, 750	24, 750	24, 750	24, 750
Optional Accessories	Wireless Remote Controller		-	MR-DH00	MR-DH00	MR-DH00	MR-DH00
	Wired Remote Controller		-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	MIM-B14	MIM-B14	MIM-B14	MIM-B14



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

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Indoor Unit (cont.)

■ 4 way cassette (cont.)

Model			AM112FN4DEH/*	AM128FN4DEH/*	AM140FN4DEH/*	
Power Supply		ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	
Mode*1)			HP / HR	HP / HR	HP / HR	
Performance	Capacity	Cooling*2)	kW	11.2	12.8	14.0
			Btu/h	38,200	43,600	47,700
	Heating*3)	kW	12.5	13.8	16.0	
		Btu/h	42,600	47,000	54,500	
Condensate (with High fan speed)		Liters/h	5.58	6.22	7.18	
Power	Input		W	78	73	89
	Running Current		A	0.55	0.51	0.62
Sound Level	Sound Pressure (Cooling / Heating)*4)		dB(A)	49 / 49	50 / 50	53 / 53
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan
	Motor	Model	-	DAI33585ZLB	DAI33585ZLB	DAI33585ZLB
		Type	-	BLDC	BLDC	BLDC
		Output	W	*5)	*5)	*5)
Airflow Rate	H/M/L (UL)		CMM	26.00/24.00/22.00	28.00/26.00/23.00	30.00/28.00/26.00
			l/s	433.33/400.00/366.67	466.67/433.33/383.33	500.00/466.67/433.33
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV
Temperature Control			-	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors
Safety Devices			-	Fuse	Fuse	Fuse
Piping Connections	Liquid (Flare)		ø, mm	9.52	9.52	9.52
	Gas (Flare)		ø, mm	15.88	15.88	15.88
	Drain (Quick Lock)		ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	17.0	19.0	19.0
	Shipping Weight		kg	20.0	22.5	22.5
Dimensions	Net Dimensions (W x H x D)		mm	840x246x840	840x288x840	840x288x840
	Shipping Dimensions (W x H x D)		mm	898x316x898	898x357x898	898x357x898
Panel Size	Model		-	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN
	Net Weight		kg	5.8	5.8	5.8
	Shipping Weight		kg	8.4	8.4	8.4
	Net Dimensions (W x H x D)		mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
	Shipping Dimensions (W x H x D)		mm	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005
Functions	Auto Restart		-	O	O	O
	Auto Swing		-	O	O	O
	Group/Individual Control		-	O	O	O
	External Contact Control		-	O	O	O
	Trouble Shooting by LED		-	O	O	O
Standard Accessories	Installation Manual		-	O	O	O
	Operation Manual		-	X	X	X
	Pattern Sheet for Installation		-	O	O	O
	Flexible Drain Hose		-	O	O	O
	Filter / Safety Grille		-	Filter / Safety Grille	Filter / Safety Grille	Filter / Safety Grille
Drain Pump (Pumping speed, lift)		ℓ/h,mm	24, 750	24, 750	24, 750	
Optional Accessories	Wireless Remote Controller		-	AR-DH00	AR-DH00	AR-DH00
	Wired Remote Controller	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	
		-	MWR-WS00	MWR-WS00	MWR-WS00	
External Contact Interface Module		-	MIM-B14	MIM-B14	MIM-B14	



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- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

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Indoor Unit (cont.)

■ Mini 4 Way Cassette

Model			AM015HNNDEH/EU	AM022FNNDH*	AM028FNNDH*	AM036FNNDH*	
Power Supply		ø/V/Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	
Mode*1)			HP/HR	HP/HR	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling*2)	kW	1.5	2.2	2.8	3.6
			Btu/h	5,100	7,500	9,600	12,300
		Heating*3)	kW	2.2	2.5	3.2	4
			Btu/h	7,500	8,500	10,900	13,600
Power	Power Input (Nominal)	Cooling*2) Heating*3)	W	18	18	18	20
			18	18	18	20	
	Current Input (Nominal)	Cooling*2) Heating*3)	A	0.17	0.17	0.17	0.19
			0.17	0.17	0.17	0.19	
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output	W	65 x 1	65 x 1	65 x 1	65 x 1
	Air Flow Rate	H/M/L (UL)	CMM	8.50/7.20/6.50	9.80/8.60/7.40	10.60/9.40/8.20	11.40/10.20/9.00
			CFM	300/260/230	350/300/260	370/330/290	400/360/320
	External Pressure	Min / Std / Max	mmAq	-	-	-	-
Pa			-	-	-	-	
Piping Connections	Liquid (Flare)	ø, mm	6.35	6.35	6.35	6.35	
		ø, inch	1/4	1/4	1/4	1/4	
	Gas (Flare)	ø, mm	12.7	12.7	12.7	12.7	
		ø, inch	1/2	1/2	1/2	1/2	
Drain (Quick Lock)	ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)		
Field Wiring	Power Source Wire	Below 20m / over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	COOLING / HEATING (HIGH)	dBa	38/40	38/40	40/40	42/40
Dimensions	Net Weight		kg	12.0	12.0	12.0	12.0
	Shipping Weight		kg	14.0	14.0	14.0	14.0
	Net Dimensions (W x H x D)		mm	575 x 250 x 575	575 x 250 x 575	75 x 250 x 575	575 x 250 x 575
	Shipping Dimensions (W x H x D)		mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 623	623 x 298 x 653
Panel Size	Panel model		-	PC4SUSMAN/PC4SUSMEN	PC4SUSMAN/PC4SUSMEN	PC4SUSMAN/PC4SUSMEN	PC4SUSMAN/PC4SUSMEN
	Panel Net Weight		-	2.7	2.7	2.7	2.7
	Shipping Weight		-	4.2	4.2	4.2	4.2
	Net Dimensions (WxHxD)		-	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670
	Shipping Dimensions (WxHxD)		-	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724
Additional Accessories	Drain pump	Drain pump	- / Model	Built-in	Built-in	Built-in	Built-in
		Max. lifting Height / Displacement	mm/liter/h	750/24	750/24	750/24	750/24
	Air Filter		-	Long life filter	Long life filter	Long life filter	Long life filter



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Mini 4 Way Cassette (cont.)

Model			AM045FNDEH*	AM056FNDEH*	AM060FNDEH*
Power Supply			ø/V/Hz	1,2,220-240,50	1,2,220-240,50
Mode*1)			-	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling*2)	kW	4.50	5.60
			Btu/h	15,400	19,100
		Heating*3)	kW	5.00	6.30
			Btu/h	17,100	21,500
Power	Power Input (Nominal)	Cooling*2)	W	23.00	28.00
		Heating*3)	W	23.00	28.00
	Current Input (Nominal)	Cooling*2)	A	0.22	0.27
		Heating*3)	A	0.22	0.27
Fan	Motor	Type	-	Turbo Fan	Turbo Fan
		Output	W	65 x 1	65 x 1
	Air Flow Rate	H/M/L (UL)	CMM	12.20/11.00/9.80	13.40/11.80/10.20
			CFM	430/390/350	470/420/360
	External Pressure	Min / Std / Max	mmAq	-	-
Pa			-	-	
Piping Connections	Liquid (Flare)	ø, mm	6.35	6.35	
		ø, inch	1/4	1/4	
	Gas (Flare)	ø, mm	12.7	12.7	
		ø, inch	1/2	1/2	
	Drain (Quick Lock)	ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	
Field Wiring	Power Source Wire	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	
	Transmission Cable	mm ²	0.75 ~ 1.50	0.75 ~ 1.50	
Refrigerant	Type	-	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	COOLING / HEATING (HIGH)	dBA	43/43	46/47
Dimensions	Net Weight		kg	12	12
	Shipping Weight		kg	14	14
	Net Dimensions (W x H x D)		mm	575 x 250 x 575	575 x 250 x 575
	Shipping Dimensions (W x H x D)		mm	623 x 298 x 653	623 x 298 x 653
Panel Size	Panel model		-	PC4SUSMAN/PC4SUSMEN	PC4SUSMAN/PC4SUSMEN
	Panel Net Weight		kg	2.7	2.7
	Shipping Weight		kg	4.2	4.2
	Net Dimensions (WxHxD)		mm	670 x 45 x 670	670 x 45 x 670
	Shipping Dimensions (WxHxD)		mm	714 x 106 x 724	714 x 106 x 724
Additional Accessories	Drain pump	Drain pump	- / Model	Built-in	Built-in
		Max. lifting Height / Displacement	mm/liter/h	750/24	750/24
	Air Filter		-	Long life filter	Long life filter



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Slim duct

Model			AM017FNLDEH/EU	AM022FNLDEH*	AM028FNLDEH*	AM036FNLDEH*	AM045FNLDEH*	AM056FNLDEH*	AM071FNLDEH*	AM090FNLDEH/EU	AM112FNLDEH/EU	AM128FNLDEH/EU	AM140FNLDEH/EU		
Power Supply			ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50		
Mode*1)				HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR		
Performance	Capacity	Cooling*2)	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	12.8	14.0	
			Btu/h	4,600	7,500	9,500	12,200	15,300	19,100	24,200	30,700	38,200	43,600	47,700	
		Heating*3)	kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	15.0	16.0	16.0
			Btu/h	5,200	8,500	10,900	13,600	17,000	21,400	27,200	34,100	42,600	47,000	54,500	
Condensate (with High fan speed)			Liters/h	0.80	1.12	1.28	2.07	2.39	2.87	3.83	4.63	4.95	5.26		
Power			Input	W	55	55	60	65	90	95	120	170	200	220	
Running Current			A	0.3	0.3	0.32	0.33	0.52	0.53	0.6	0.96	0.96	1.28	1.43	
Sound Level			Sound Pressure *4)	dB(A)	37	37	37	37	40	43	47 / 47	43 / 44	43 / 44	45 / 46	45 / 46
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan		
	Motor	Model	-	YSK95-28-4-B	YSK95-28-4-B	YSK95-28-4-B	YSK95-28-4-B	YSK110-50-4SM	YSK110-50-4SM	YSK140-60-4B	DL-12840SSBC	DL-12840SSBC	DL-12840SSBC	DL-12840SSBC	
		Type	-	Non Feedback SSR	Non Feedback SSR	Non Feedback SSR	Non Feedback SSR	Non Feedback SSR	Non Feedback SSR	Non Feedback SSR	BLDC	BLDC	BLDC	BLDC	
Output			W	*5)	*5)	*5)	*5)	*5)	*5)	*5)	*5)	*5)	*5)		
Airflow Rate	Cooling (High)		m ³ /min	5.0	4	7.5	7.5	11.0	12.0	16.5	29.0	31.2	34.0	36.0	
	Heating (High)		m ³ /min	5.5	8.2	9.0	9.0	14.0	15.0	20.0	34.0	34.0	36.0	38.0	
	External Static Pressure	Standard (Min~Max)	mmHzO	1(0~3)	1(0~3)	1(0~3)	1(0~3)	2(0~4)	2(0~4)	2(0~4)	3(0~6)	3(0~6)	3(0~6)	3(0~6)	
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A		
	Control Method		-	EEV	EEV	EEV	EEV	EEV	EEV	EEV	EEV	EEV	EEV		
Temperature Control			-	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors		
Safety Devices			-	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse		
Piping Connections	Liquid (Flare)		ø, mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52	9.52	9.52	9.52		
	Gas (Flare)		ø, mm	12.70	12.7	12.7	12.7	12.7	12.7	15.88	15.88	15.88	15.88		
	Drain		ø, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
Weight	Net Weight		kg	19.0	19.0	19.0	19.5	23.5	23.5	30.0	44.0	44.0	46.0	46.0	
	Shipping Weight		kg	23.0	23.0	23.0	23.5	28.0	28.0	35.0	52.0	52.0	54.0	54.0	
Dimensions	Net Dimensions (W x H x D)		mm	700x199x600	700x199x600	700x199x600	700x199x600	900x199x600	900x199x600	1,100x199x600	1,300x295x690	1,300x295x690	1,300x295x690		
	Shipping Dimensions (W x H x D)		mm	950x270x710	950x270x710	950x270x710	950x270x710	1150x280x710	1150x280x710	1350x280x710	1575x370x835	1575x370x835	1575x370x835		
Functions	Auto Restart		-	O	O	O	O	O	O	O	O	O	O		
	Auto Swing		-	X	X	X	X	X	X	X	X	X	X		
	Group/Individual Control		-	O	O	O	O	O	O	O	O	O	O		
	External Contact Control		-	O	O	O	O	O	O	O	O	O	O		
	Trouble Shooting by LED		-	X	X	X	X	X	X	X	X	X	X		
Standard Accessories	Installation Manual		-	O	O	O	O	O	O	O	O	O	O		
	Operation Manual		-	O	O	O	O	O	O	O	O	O	O		
	Pattern Sheet for Installation		-	X	X	X	X	X	X	X	X	X	X		
	Flexible Drain Hose		-	O	O	O	O	O	O	O	O	O	O		
	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)		
Drain Pump (Pumping speed, lift)			-	MR-BH01	MR-BH01	MR-BH01	MR-BH01	MR-BH01	MR-BH01	MR-BH01	MR-BH01	MR-BH01	MR-BH01		
Wireless Remote Controller			-	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00		
Optional Accessories	Duct Receiver Kits	Receiver	-	MRK-A10	MRK-A10	MRK-A10	MRK-A10	MRK-A10	MRK-A10	MRK-A10	MRK-A10	MRK-A10	MRK-A10		
		Receiver Wire	-	MRW-10A	MRW-10A	MRW-10A	MRW-10A	MRW-10A	MRW-10A	MRW-10A	MRW-10A	MRW-10A	MRW-10A		
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N		
	External Contact Interface Module		-	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14		
	Drain Pump		-	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D		



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Slim Home Duct

Model			AM017KNLDEH/EU	AM022KNLDEH*	AM028KNLDEH*	AM036KNLDEH*	
Power Supply		ø, #, V, Hz	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	
Mode		-	HP	HP	HP	HP	
Performance	Capacity (Nominal)	Cooling 2)	kW	1.7	2.2	2.8	3.6
			Btu/h	4,600	7,500	9,500	12,200
		Heating 2)	kW	1.9	2.5	3.2	4.0
			Btu/h	5,200	8,500	10,900	13,600
	Condensate (with high fan speed)		Liter/h				
Power	Input	W	28	30	34	40	
	Running Current	A	0.23	0.25	0.28	0.33	
Sound Level	Sound Pressure *4)	dB(A)	31	32	34	36	
Fan	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
	Motor	Model	-	DB31-00670A	DB31-00670A	DB31-00670A	DB31-00670A
		Type	-	BLDC Feedback	BLDC Feedback	BLDC Feedback	BLDC Feedback
		Output	W	69	69	69	69
Airflow Rate	Cooling (High)	m3/min	4.8	5.4	6.4	7.3	
	Heating (High)	m3/min	6.75	7.35	8.5	9.75	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	
	Control Method	-	EDM EEV 2.4C Sanhua	EDM EEV 2.4C Sanhua	EDM EEV 2.4C Sanhua	EDM EEV 2.4C Sanhua	
Temperature Control		-	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	
Safety Devices		-	Fuse:3.15A/1.6A	Fuse:3.15A/1.6A	Fuse:3.15A/1.6A	Fuse:3.15A/1.6A	
Piping Connections	Liquid (Flare)	ø, mm	6.35	6.35	6.35	6.35	
	Gas (Flare)	ø, mm	12.7	12.7	12.7	12.7	
	Drain	ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	
Weight	Net Weight	kg	15.3	15.3	15.3	15.7	
	Shipping Weight	kg	18.2	18.2	18.2	18.6	
Dimensions	Net Dimensions (W x H x D)	mm	700*199*440	700*199*440	700*199*440	700*199*440	
	Shipping Dimensions (W x H x D)	mm	949*280*544	949*280*544	949*280*544	949*280*544	
Functions	Auto Restart	-	O	O	O	O	
	Auto Swing	-	X	X	X	X	
	Group/Individual Control	-	O	O	O	O	
	External Contact Control	-	O	O	O	O	
	Trouble Shooting by LED	-	X	X	X	X	
Standard Accessories	Installation Manual	-	O	O	O	O	
	Operation Manual	-	O	O	O	O	
	Pattern Sheet for Installation	-	X	X	X	X	
	Flexible Drain Hose	-	O	O	O	O	
	Filter / Safety Grille	-	Filter(Washable)	Filter(Washable)	Filter(Washable)	Filter(Washable)	
Optional Accessories	Wireless Remote Controller	-	MR-DH00	MR-DH00	MR-DH00	MR-DH00	
	Duct Receiver Kits	Receiver	-	MRK-A10	MRK-A10	MRK-A10	MRK-A10
		Receiver Wire	-	MRW-10A	MRW-10A	MRW-10A	MRW-10A
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module	-	MIM-B14	MIM-B14	MIM-B14	MIM-B14	



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Duct Type (Uplevel Static Pressure)

Model			AM022FNMDEH/EU	AM028FNMDEH/EU	AM036FNMDEH/EU	AM045FNMDEH/EU	
Power Supply			ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	
Mode*1)				HP / HR	HP / HR	HP / HR	
Performance	Capacity	Cooling*2)	kW	2.2	2.8	3.6	4.5
			Btu/h	7,500	9,500	12,200	15,300
		Heating*3)	kW	2.5	3.2	4.0	5.0
			Btu/h	8,500	10,900	13,600	17,000
Power	Input	W	80	80	85	125	
	Running Current	A	0.4	0.4	0.55	1.15	
Sound Level	Sound Pressure (Cooling/Heating) *4)		dB(A)	37 / 38	38/39	39/40	44 / 46
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor	Model	-	YSK110-25-4SM	YSK110-25-4SM	YSK110-50-4SM	YSK140-200-4E1
		Type	-	Non Feedback SSR	Non Feedback SSR	Non Feedback SSR	Non Feedback SSR
		Output	W	*5)	*5)	*5)	*5)
Airflow Rate	Cooling (High)		m ³ /min	7.7	8.8	11.0	13.0
	Heating (High)		m ³ /min	8.9	10.3	12.7	14.5
	External Static Pressure	Standard(Min.~Max)	mmHzO	2 (0~4)	2 (0~4)	2 (0~4)	4 (0~8)
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV	EEV
Temperature Control			-	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors
Safety Devices			-	Fuse	Fuse	Fuse	Fuse
Piping Connections	Liquid (Flare)		ø, mm	6.35	6.35	6.35	6.35
	Gas (Flare)		ø, mm	12.7	12.7	12.7	12.7
	Drain		ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	23.5	23.5	23.5	29.0
	Shipping Weight		kg	28.0	28.0	28.0	33.0
Dimensions	Net Dimensions (W x H x D)		mm	900×199×600	900×199×600	900×199×600	900×260×480
	Shipping Dimensions (W x H x D)		mm	1150×280×710	1150×280×710	1150×280×710	1170×595×340
Functions	Auto Restart		-	O	O	O	O
	Auto Swing		-	X	X	X	X
	Group/Individual Control		-	O	O	O	O
	External Contact Control		-	O	O	O	O
	Trouble Shooting by LED		-	X	X	X	X
Standard Accessories	Installation Manual		-	O	O	O	O
	Operation Manual		-	O	O	O	O
	Pattern Sheet for Installation		-	X	X	X	X
	Flexible Drain Hose		-	O	O	O	O
	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)
	Drain Pump (Pumping speed, lift)		-	MR-BH01	MR-BH01	MR-BH01	MR-BH01
Optional Accessories	Wireless Remote Controller		-	MR-DH00	MR-DH00	MR-DH00	MR-DH00
	Duct Receiver Kits	Receiver	-	MRK-A10	MRK-A10	MRK-A10	MRK-A10
		Receiver Wire	-	MRW-10A	MRW-10A	MRW-10A	MRW-10A
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module			MIM-B14	MIM-B14	MIM-B14	MIM-B14
	Drain Pump			MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ **MSP duct**

Model			AM056FNMDEH*	AM071FNMDEH*	AM090FNMDEH*	AM112FNMDEH*	AM128FNMDEH*	AM140FNMDEH*	AM160KNMDEH*	
Power Supply		øV/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	
Mode* ¹⁾			HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	
Performance	Capacity	Cooling* ²⁾	kW	5.6	7.1	9	11.2	12.8	14	16.0
			Btu/h	19,100	24,200	30,700	38,200	43,600	47,700	54,000
		Heating* ³⁾	kW	6.3	8.0	10.0	12.5	13.8	16.0	18.0
			Btu/h	21,400	27,200	34,100	42,600	47,000	54,500	60,000
Condensate (with High fan speed)		Liters/h				4.63	4.95	5.1	-	
Power	Input	W	130 ⁵⁾	190 ⁵⁾	240 ⁵⁾	260	370	410	485	
	Running Current	A	1.10 ⁵⁾	1.25 ⁵⁾	1.30 ⁵⁾	1.17	1.67	1.86	2.24	
Sound Level	Sound Pressure * ⁴⁾	dB(A)	47	47	50	48	50	50	53	
Fan	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
	Motor	Model	YSK140-200-4E1	YSK140-200-4E1	YSK140-200-4	YSK140-200-4	Y75423C015	Y75423C015	Y75423C015	
		Type	Non Feedback SSR	Non Feedback SSR	Non Feedback SSR	Non Feedback SSR	Non Feedback SSR	Non Feedback SSR	Non Feedback SSR	
		Output	W	-	-	-	-	-	-	
Airflow Rate	Cooling (High)	m ³ /min	14.5	18.5	19.5	27.0	32.0	37.0	39.5	
	Heating (High)	m ³ /min	15.5	20.0	21.5	27.0	31.0	36.0	42.0	
	External Static Pressure	Standard/Min~Max	4(0~8)	4(0~8)	6(4~8)	8(4~12)	8(4~12)	8(4~12)	8(4~14)	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Control Method		EEV	EEV	EEV	EEV	EEV	EEV	EEV	
Temperature Control			Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	
Safety Devices			Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	
Piping Connections	Liquid (Flare)	ø, mm	6.35	9.52	9.52	9.52	9.52	9.52	9.52	
	Gas (Flare)	ø, mm	12.7	15.88	15.88	15.88	15.88	15.88	15.88	
	Drain	ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP20 (OD 25, ID 20)	
Weight	Net Weight	kg	29.0	29.0	34.0	36.0	52.0	52.0	50	
	Shipping Weight	kg	33.0	33.0	39.0	42.0	59.0	59.0	57	
Dimensions	Net Dimensions (W x H x D)	mm	900x260x480	900x260x480	1,150x260x480	1,150x320x480	1,200x360x650	1,200x360x650	1,200x360x650	
	Shipping Dimensions (W x H x D)	mm	1170x595x340	1170x595x340	1420x595x340	1150x320x480	1480x790x420	1480x790x420	1480x790x420	
Functions	Auto Restart		O	O	O	O	O	O	O	
	Auto Swing		X	X	X	X	X	X	X	
	Group/Individual Control		O	O	O	O	O	O	O	
	External Contact Control		O	O	O	O	O	O	O	
	Trouble Shooting by LED		X	X	X	X	X	X	X	
Standard Accessories	Installation Manual		O	O	O	O	O	O	O	
	Operation Manual		O	O	O	O	O	O	O	
	Pattern Sheet for Installation		X	X	X	X	X	X	X	
	Flexible Drain Hose		O	O	O	O	O	O	O	
	Filter / Safety Grille		Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	
Optional Accessories	Wireless Remote Controller		MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	
	Duct Receiver Kits	Receiver	MRK-A10	MRK-A10	MRK-A10	MRK-A10	MRK-A10	MRK-A10	MRK-A10	
		Receiver Wire	MRW-10A	MRW-10A	MRW-10A	MRW-10A	MRW-10A	MRW-10A	MRW-10A	
	Wired Remote Controller	Simplified	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	
	External Contact Interface Module		MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	
	Drain Pump		MDP-M075SGU3D	MDP-M075SGU1D	MDP-M075SGU1D	MDP-M075SGU1D	MDP-M075SGU2D	MDP-M075SGU2D	MDP-M075SGU2D	

Indoor Unit (cont.)

■ **360 cassette**

Model			AM045KN4DEH*	AM056KN4DEH*	AM071KN4DEH*	AM090KN4DEH*	AM112KN4DEH*	AM128KN4DEH*	AM140KN4DEH*	
Power Supply		Φ, V, Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	
Mode		-	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling ²⁾	kW	4.5	5.6	7.1	9.0	11.2	12.8	14.0
		Heating ²⁾	kW	5.0	6.3	8.0	10.0	12.5	13.8	16.0
Power	Power Input	Cooling ¹⁾	W	26	30	34	55	53	77	91
		Heating ²⁾	W	26	30	34	55	53	77	91
	Current Input	Cooling ¹⁾	A	0.18	0.21	0.25	0.42	0.41	0.62	0.75
		Heating ²⁾	A	0.18	0.21	0.25	0.42	0.41	0.62	0.75
Fan	Type	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	
	Motor	Output x n	W	65	65	65	65	97	97	
	Air Flow Rate	H/M/L (UL)	CMM	14.5/13.5/12.5	16.0/14.5/13.5	18.0/16.0/14.0	22.0/18.5/16.0	25.5/21.0/17.5	29.5/24.0/19.0	31.5/26.5/21.0
Piping Connections	Liquid Pipe		Φ,mm	6.35	6.35	9.52	9.52	9.52	9.52	9.52
			Φ, inch	1/4	1/4	3/8	3/8	3/8	3/8	3/8
	Gas Pipe		Φ,mm	12.7	12.7	15.88	15.88	15.88	15.88	15.88
			Φ, inch	1/2	1/2	5/8	5/8	5/8	5/8	5/8
Refrigerant	Drain Pipe		Φ,mm	VP25(OD32/ID25)	VP25(OD32/ID25)	VP25(OD32/ID25)	VP25(OD32/ID25)	VP25(OD32/ID25)	VP25(OD32/ID25)	VP25(OD32/ID25)
	Type	-	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Control Method		-	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
External	Net Weight		kg	21	21	21	21	24	24	24
Dimension	Shipping Weight		kg	25	25	25	25	29	29	29
	Net Dimensions (WxHxD)		mm	947*281*947	947*281*947	947*281*947	947*281*947	947*365*947	947*365*947	947*365*947
	Shipping Dimensions (WxHxD)		mm	990*330*990	990*330*990	990*330*990	990*330*990	990*414*990	990*414*990	990*414*990
Panel Size (Ceiling Type)	Panel model		-	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN
	Panel Net Weight		kg	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	Shipping Weight		kg	6.0	6.0	6.0	6.0	6.0	6.0	6.0
	Net Dimensions (WxHxD)		mm	1000*66*1000	1000*66*1000	1000*66*1000	1000*66*1000	1000*66*1000	1000*66*1000	1000*66*1000
	Shipping Dimensions (WxHxD)		mm	1093*85*1083	1093*85*1083	1093*85*1083	1093*85*1083	1093*85*1083	1093*85*1083	1093*85*1083
Panel Size (Open Type)	Panel model		-	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN
	Panel Net Weight		kg	2.7	2.7	2.7	2.7	2.7	2.7	2.7
	Shipping Weight		kg	5.1	5.1	5.1	5.1	5.1	5.1	5.1
	Net Dimensions (WxHxD)		mm	1050*94*1050	1050*94*1050	1050*94*1050	1050*94*1050	1050*94*1050	1050*94*1050	1050*94*1050
	Shipping Dimensions (WxHxD)		mm	1093*85*1083	1093*85*1083	1093*85*1083	1093*85*1083	1093*85*1083	1093*85*1083	1093*85*1083
Additional Accessories	Drain pump	Drain pump	- / Model name	Built In	Built In	Built In	Built In	Built In	Built In	Built In
		Max. lifting Height / Displacement	mm / liter/h	750/24	750/24	750/24	750/24	750/24	750/24	750/24
Functions	Auto Restart		-	0	0	0	0	0	0	0
	Auto Swing		-	0	0	0	0	0	0	0
	Group/Individual Control		-	0	0	0	0	0	0	0
	External Contact Control		-	0	0	0	0	0	0	0
	Trouble Shooting by LED		-	0	0	0	0	0	0	0
Standard Accessories	Install Manual		-	0	0	0	0	0	0	0
	User Manual		-	0	0	0	0	0	0	0
	Pattern Sheet for Installation		-	0	0	0	0	0	0	0
	Flexible Drain Hose		-	0	0	0	0	0	0	0
Optional Accessories	Wireless Remote Controller		-	MR-KH00	MR-KH00	MR-KH00	MR-KH00	MR-KH00	MR-KH00	MR-KH00
	Wired Remote Controller		-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14

Indoor Unit (cont.)

■ Big Duct

Model				AM220FNHDEH/EU	AM280FNHDEH/EU
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
Mode*1)				HP / HR	HP / HR
Performance	Capacity	Cooling*2)	kW	22.4	28.0
			Btu/h	76,400	95,500
	Heating*3)	kW	25.0	31.5	
		Btu/h	85,300	107,500	
Condensate (with High fan speed)		Liters/h			
Power	Input		W	530	790
	Running Current		A	3.8	5.9
Sound Level	Sound Pressure (High/Low)*4)		dB(A)	47 / 44	48 / 45
Fan	Type		-	Sirocco Fan	Sirocco Fan
	Motor	Model	-	DL-13875SSOB	DL-13875SSOB
		Type	-	BLDC	BLDC
		Output	W		
Airflow Rate	Cooling (High)		m ³ /min	58	72
	Heating (High)		m ³ /min	58	72
	External Static Pressure	Standard(Min.~Max)	mmHzO	15(5-25)	15(5-28)
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV	EEV
Temperature Control			-	Micom&Thermistors	Micom&Thermistors
Safety Devices			-	Fuse	Fuse
Piping Connections	Liquid (Flare)		ø, mm	9.52	9.52
	Gas (Flare)		ø, mm	19.05	22.2
	Drain		ø, mm	VP25(OD32, ID25)	VP25(OD32, ID25)
Weight	Net Weight		kg	89	89
	Shipping Weight		kg	99	99
Dimensions	Net Dimensions (W x H x D)		mm	1,240x470x1,040	1,240x470x1,040
	Shipping Dimensions (W x H x D)		mm	1,507x558x1,155	1,507x558x1,155
Functions	Auto Restart		-	O	O
	Auto Swing		-	X	X
	Group/Individual Control		-	O	O
	External Contact Control		-	O	O
	Trouble Shooting by LED		-	X	X
Standard Accessories	Installation Manual		-	O	O
	Operation Manual		-	O	O
	Pattern Sheet for Installation		-	O	O
	Flexible Drain Hose		-	O	O
	Filter / Safety Grille		-	X	X
Optional Accessories	Wireless Remote Controller		-	MR-DH00	MR-DH00
	Duct Receiver Kits	Receiver	-	MRK-A10	MRK-A10
		Receiver Wire	-	MRW-10A	MRW-10A
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	MIM-B14	MIM-B14
	Drain Pump		-	MDP-N047SNC1D	MDP-N047SNC1D



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ GD-S(Big Duct)

Model			AM180JNHFKH/EU	AM224JNHFKH/EU	
Power Supply		ø/V/Hz	1/220-240/50	1/220-240/50	
Mode*1)			HP / HR	HP / HR	
Performance	Capacity	Cooling*2)	kW	18.0	22.4
			Btu/h	-	-
	Heating*3)	kW	20.0	25.0	
		Btu/h	-	-	
Condensate (with High fan speed)		Liters/h	-	-	
Power	Input		W	340	530
	Running Current		A	1.9	2.9
Sound Level	Sound Pressure (High/Low)*4)		dB(A)	43	44
Fan	Type		-	Sirocco Fan	Sirocco Fan
	Motor	Model	-	DL-17860SSBA	DL-17860SSBA
		Type	-	BLDC	BLDC
		Output	W		
Airflow Rate	High/Mid/Low		m ³ /min	58/50/43	72/61/51
	External Static Pressure	Standard(Min.-Max)	mmHzO	7.34(5-20)	7.34(5-20)
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV	EEV
Temperature Control			-	Micom&Thermistors	Micom&Thermistors
Safety Devices			-	Fuse	Fuse
Piping Connections	Liquid (Flare)		ø, mm	9.52	9.52
	Gas (Flare)		ø, mm	19.05	22.2
	Drain		ø, mm	VP25(OD25, ID20)	VP25(OD25, ID20)
Weight	Net Weight		kg	82	82
	Shipping Weight		kg	91.5	91.5
Dimensions	Net Dimensions (W x H x D)		mm	1,350 x 450 x 910	1,350 x 450 x 910
	Shipping Dimensions (W x H x D)		mm	1,629 x 548 x 989	1,629 x 548 x 989
Functions	Auto Restart		-	O	O
	Auto Swing		-	X	X
	Group/Individual Control		-	O	O
	External Contact Control		-	O	O
	Trouble Shooting by LED		-	X	X
Standard Accessories	Installation Manual		-	O	O
	Operation Manual		-	O	O
	Pattern Sheet for Installation		-	O	O
	Flexible Drain Hose		-	O	O
	Filter / Safety Grille		-	X	X
Optional Accessories	Wireless Remote Controller		-	MR-DH00	MR-DH00
	Duct Receiver Kits	Receiver	-	MRK-A10	MRK-A10
		Receiver Wire	-	MRW-10A	MRW-10A
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	MIM-B14	MIM-B14
	Drain Pump			MDP-G075SQ (Internal installation)	MDP-G075SQ (Internal installation)
				MDP-G075SP (External installation)	MDP-G075SP (External installation)



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ HSP Duct

Model			AM112FNHDEH/EU	AM128FNHDEH/EU	AM140FNHDEH/EU	
Power Supply			ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50
Mode*1)				HP / HR	HP / HR	HP / HR
Performance	Capacity	Cooling*2)	kW	11.2	12.8	14.0
			Btu/h	38,200	43,600	47,700
		Heating*3)	kW	12.5	13.8	16.0
			Btu/h	42,600	47,000	54,500
Condensate (with High fan speed)		Liters/h				
Power	Input		W	305	333	385
	Running Current		A	2.35	2.58	3.0
Sound Level	Sound Pressure (High/Low)*4)		dB(A)	43/40	45/40	46/44
Fan	Type		-	Sirocco Fan AL, Ø226,L200, 2EA, KJBLWR	Sirocco Fan AL, Ø226,L200, 2EA, KJBLWR	Sirocco Fan AL, Ø226,L200, 2EA, KJBLWR
	Motor	Model	-	BLDC Motor (DL-12840SSB, 8Pole, Ø124)X2	BLDC Motor (DL-12840SSB, 8Pole, Ø124)X2	BLDC Motor (DL-12840SSB, 8Pole, Ø124)X2
		Type	-	BLDC	BLDC	BLDC
		Output	W			
Airflow Rate	Cooling (High)		m ³ /min	33	35	39
	Heating (High)		m ³ /min	35	37	41
	External Static Pressure	Standard(Min.-Max)	mmH ₂ O	10 (5~20)	10 (5~20)	10 (5~20)
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV
Temperature Control			-	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors
Safety Devices			-	Fuse	Fuse	Fuse
Piping Connections	Liquid (Flare)		ø, mm	9.52	9.52	9.52
	Gas (Flare)		ø, mm	15.88	15.88	15.88
	Drain		ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	62.0	62.0	62.0
	Shipping Weight		kg	70.0	70.0	70.0
Dimensions	Net Dimensions (W x H x D)		mm	1200×360×650	1200×360×650	1200×360×650
	Shipping Dimensions (W x H x D)		mm	1447×425×769	1447×425×769	1447×425×769
Functions	Auto Restart		-	O	O	O
	Auto Swing		-	X	X	X
	Group/Individual Control		-	O	O	O
	External Contact Control		-	O	O	O
	Trouble Shooting by LED		-	X	X	X
Standard Accessories	Installation Manual		-	O	O	O
	Operation Manual		-	O	O	O
	Pattern Sheet for Installation		-	O	O	O
	Flexible Drain Hose		-	O	O	O
	Filter / Safety Grille		-	X	X	X
Optional Accessories	Wireless Remote Controller		-	MR-DH00	MR-DH00	MR-DH00
	Duct Receiver Kits	Receiver	-	MRK-A10	MRK-A10	MRK-A10
		Receiver Wire	-	MRW-10A	MRW-10A	MRW-10A
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	MIM-B14	MIM-B14	MIM-B14
	Drain Pump		-	MDP-M075SGU2D	MDP-M075SGU2D	MDP-M075SGU2D



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27 °C DB, 19 °C WB - Outdoor temperature : 35 °C DB, 24 °C WB

*3) Nominal heating capacities are based on;

- Indoor temperature : 20 °C DB, 15 °C WB - Outdoor temperature : 7 °C DB, 6 °C WB

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Global Duct

Div.			GD-1	
Model		Europe	AM036HNMPKH/EU	
Basic Model		Europe	AC036HBMDKH/EU(CAC)	
Power Supply		φ,V/Hz	1,220~240,50	
Mode ¹⁾		-	HP / HR	
Performance	Capacity	Cooling ²⁾	kW 92% ↑ 3.6	
		Heating ³⁾	kW 92% ↑ 4.0	
Power	Input Consumption (Cooling/Heating)		W 110% ↓ 50/50	
	Running Current (Cooling/Heating)		A 110% ↓ 0.50/0.50	
Indoorunit refrigerant adding amount		Kg/EA	0.22	
Noise Level	开发spec		dB(A) ↓ 40/40	
	Catalouel 标示值		dB(A) ↓ 29/26/23	
Fan	Type	-	Sirocco Fan (Φ180*2ea)	
	Motor	Model	SIC-70CW-F1153-2 (DB31-00639A)	
		Type	-	BLDC feedback
	Output	W	153	
Fan Speed	Fan(H/M/L)	Standard	rpm±20 700/660/620	
	Cooling (H/M/L)参考	Standard	700/660/620	
	Heating (H/M/L)参考	Standard	700/660/620	
Airflow Rate	Fan(H/M/L)	m ³ /min	12.00/9.50/8.00	
	Cooling (High)参考	-	-	
	Heating (High)参考	-	-	
Refrigerant	Type	-	R410a	
	Control Method	-	EDM EEV3.2c Sanhua	
Temperature Control		-	Micom&Thermistors	
Safety Devices		-	Fuse:5A	
External Static Pressure	Standard(Min.~Max)	mmH2O	0-2.5-15	
OPTION CODE	Standard Static Pressure	0≤ SP ≤2.5	Product	010054-1C5084-202424-331205
			Install	020010-120000-200000-300000
			Cycle	030000-100000-200000-300000
			Install 2	050000-100000-200000-300000
	All Static Pressure	0≤ SP ≤2.5	Product	010054-1C5084-202424-331205
		2.5< SP ≤5	Product	010054-1C50EB-202424-331205
		5< SP ≤7.5	Product	010054-1C5552-202424-331205
		7.5< SP ≤10	Product	010054-1C55CA-202424-331205
		10< SP ≤12.5	Product	010054-1C5A30-202424-331205
		12.5< SP ≤15	Product	010054-1C5A85-202424-331205
Piping Connections	Liquid (Flare)	Φ,mm	6.35	
		Φinch	1/4"	
	Gas (Flare)	Φ,mm	12.7	
		Φinch	1/2"	
	Drain	Φ,mm	VP25 (OD 32, ID 25)	
		Φinch	-	
Weight	Net Weight	kg	25.5	
	Shipping Weight	kg	30	
Dimensions	Net Dimensions (W×H×D)	mm	850*250*700	
		inch	-	
	Shipping Dimensions (W×H×D)	mm	1064*320*784	
		inch	-	
HEX	Dimension	-	2R*395*TP8.4*675mm	
	Tube hair fin	-	H2.1(9hole)FMC 9.5mm,	
	Fin	-	Louver, FP1.3	
	Pass	-	4*4 Pass	
Micom	-	-	DB91-01629A Version:140708 Checksum:E754	
LOADING QUANTITY	20ft	EA	98	
	40ft	EA	210	
	40ft JUMBO	EA	240	
Panel Size	Model	Europe	-	
	Net Weight	kg	-	
	Shipping Weight	kg	-	
	Net Dimensions (W×H×D)	mm	-	
	Shipping Dimensions (W×H×D)	mm	-	
Optional Accessories	Model	Europe	MDP-G075SQ (Internal installation), MDP-G075SP (External installation)	
	Drain pump	In/Option	Option	
	Max. lifting Height / Displacement	mm / liter/h	750mm, 24l/h	



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Norminal cooling capacities are based on;

- Indoor temperature : 27 °C DB, 19 °C WB - Outdoor temperature : 35 °C DB, 24 °C WB

*3) Norminal heating capacities are based on;

- Indoor temperature : 20 °C DB, 15 °C WB - Outdoor temperature : 7 °C DB, 6 °C WB

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Global Duct (cont.)

Div.			GD-1	GD-1	GD-1	
Model			Europe	AM056HNMPKH/EU	AM071HNMPKH/EU	
Basic Model			Europe	AC052HBMDKH/EU(CAC)	AC071HBMDKH/EU(CAC)	
Power Supply Mode ¹⁾			φ,V/Hz	1,220~240,50	1,220~240,50	
Performance				HP / HR	HP / HR	
Capacity	Cooling ²⁾	kW 92% ↑	4.5	5.6	7.1	
			Heating ³⁾	5.0	6.3	8.0
Power	Input Consumption (Cooling/Heating)	W 110% ↓	60/60	110/110	120/120	
	Running Current (Cooling/Heating)	A 110% ↓	0.60/0.60	0.9/0.9	1.0/1.0	
Indoorunit refrigerant adding amount			Kg/EA	0.22	0.22	
Noise Level	开发spec	dB(A) ↓	44/44	45/45	47/47	
	Catalouel 标示值	dB(A) ↓	31/28/24	32/29/25	37/33/29	
Fan	Type	-	Sirocco Fan (Φ180*2ea)	Sirocco Fan (Φ180*2ea)	Sirocco Fan (Φ180*2ea)	
	Motor	Model	-	SIC-70CW-F1153-2 (DB31-00639A)	SIC-70CW-F1153-2 (DB31-00639A)	SIC-70CW-F1153-2 (DB31-00639A)
		Type	-	BLDC feedback	BLDC feedback	BLDC feedback
		Output	W	153	153	153
Fan Speed	Fan(H/M/L)	Standard	rpm±20	800/720/640	1000/920/840	
	Cooling (H/M/L)参考	Standard		800/720/640	1000/920/840	
	Heating (H/M/L)参考	Standard		800/720/640	1000/920/840	
Airflow Rate	Fan(H/M/L)	m ³ /min	14.00/11.00/8.00	21.00/18.00/15.00	22.00/19.00/16.00	
	Cooling (High)参考	-	-	-	-	
	Heating (High)参考	-	-	-	-	
Refrigerant	Type	-	R410a	R410a	R410a	
	Control Method	-	EDM EEV3.2c Sanhua	EDM EEV3.2c Sanhua	EDM EEV3.2c Sanhua	
Temperature Control			-	Micom&Thermistors	Micom&Thermistors	
Safety Devices			-	Fuse:5A	Fuse:5A	
External Static Pressure	Standard(Min.-Max)		mmH2O	0-3-15	0-3-15	
OPTION CODE	Standard Static Pressure	0≤ SP ≤2.5	Product	010054-1C50D5-202D2D-331204	010054-1C50F1-203838-331203	010054-1C548D-204747-331201
			Install	020010-120000-200000-300000	020010-100000-200000-300000	020010-100000-200000-300000
			Cycle	030000-100000-200000-300000	030000-100000-200000-300000	030000-100000-200000-300000
			Install 2	050000-100000-200000-300000	050000-100000-200000-300000	050000-100000-200000-300000
	All Static Pressure	0≤ SP ≤3 3< SP ≤6 6< SP ≤9 9< SP ≤12 12< SP ≤15	Product	010054-1C50D5-202D2D-331204	010054-1C50F1-203838-331203	010054-1C548D-204747-331201
			Product	010054-1C545D-202D2D-331204	010054-1C5447-203838-331203	010054-1C55E1-204747-331201
			Product	010054-1C55C4-202D2D-331204	010054-1C54AB-203838-331203	010054-1C5935-204747-331201
			Product	010054-1C593B-202D2D-331204	010054-1C581F-203838-331203	010054-1C5989-204747-331201
			Product	010054-1C5AA2-202D2D-331204	010054-1C5973-203838-331203	010054-1C59DF-204747-331201
			Product	010054-1C5973-203838-331203	010054-1C5973-203838-331203	010054-1C5973-203838-331203
Piping Connections	Liquid (Flare)	Φ,mm	6.35	6.35	9.52	
		Φinch	1/4"	1/4"	3/8	
	Gas (Flare)	Φ,mm	12.7	12.7	15.88	
		Φinch	1/2"	1/2"	5/8	
	Drain	Φ,mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
		Φinch	-	-	-	
Weight	Net Weight	kg	25.5	25.5	25.5	
	Shipping Weight	kg	30	30	30	
Dimensions	Net Dimensions (W×H×D)	mm	850*250*700	850*250*700	850*250*700	
		inch	-	-	-	
	Shipping Dimensions (W×H×D)	mm	1064*320*784	1064*320*784	1064*320*784	
		inch	-	-	-	
HEX	Dimension	-	2R*39S*TP8.4*675mm	2R*39S*TP8.4*675mm	2R*39S*TP8.4*675mm	
	Tube hair fin	-	H2.1(9hole)FMC 9.5mm,	H2.1(9hole)FMC 9.5mm,	H2.1(9hole)FMC 9.5mm,	
	Fin	-	Louver, FP1.3	Louver, FP1.3	Louver, FP1.3	
	Pass	-	4*4 Pass	4*4 Pass	4*4 Pass	
Micom	-	-	DB91-01629A Version:140708 Checksum:E754	DB91-01629A Version:140708 Checksum:E754	DB91-01629A Version:140708 Checksum:E754	
LOADING QUANTITY	20ft	EA	98	98	98	
	40ft	EA	210	210	210	
	40ft JUMBO	EA	240	240	240	
Panel Size	Model	Europe	-	-	-	
	Net Weight	kg	-	-	-	
	Shipping Weight	kg	-	-	-	
	Net Dimensions (W×H×D)	mm	-	-	-	
	Shipping Dimensions (W×H×D)	mm	-	-	-	
Optional Accessories	Model	Europe	MDP-G075SQ (Internal installation) MDP-G075SP (External installation)	MDP-G075SQ (Internal installation) MDP-G075SP (External installation)	MDP-G075SQ (Internal installation) MDP-G075SP (External installation)	
	Drain pump	In/Option	Option	Option	Option	
	Max. lifting Height / Displacement	mm / liter/h	750mm, 24l/h	750mm, 24l/h	750mm, 24l/h	



- *1) Mode
- HP : Heat Pump, HR : Heat Recovery
- *2) Norminal cooling capacities are based on;
- Indoor temperature : 27 °C DB, 19 °C WB - Outdoor temperature : 35 °C DB, 24 °C WB
- *3) Norminal heating capacities are based on;
- Indoor temperature : 20 °C DB, 15 °C WB - Outdoor temperature : 7 °C DB, 6 °C WB
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Global Duct (cont.)

Div.			GD-2		
Model		Europe	AM090HNMPKH/EU		
Basic Model		Europe	AC090HBMKD/H/EU(CAC)		
Power Supply Mode ¹⁾		φ,V,Hz	1,220~240,50		
Performance			HP / HR		
Capacity	Cooling ²⁾	kW 92% ↑	9.0		
		Heating ³⁾	10.0		
Power	Input Consumption (Cooling/Heating)	W 110% ↓	145/145		
	Running Current (Cooling/Heating)	A 110% ↓	1.20/1.20		
Indoor unit refrigerant adding amount		Kg/EA	0.31		
Noise Level	开发spec	dB(A) ↓	44/45		
	Catalouel 标示值	dB(A) ↓	38/35/32		
Fan	Type	-	Sirrocco Fan (Φ180*3ea)		
	Motor	Model	SIC-70CW-F1153-3 (DB31-00640A)		
		Type	BLDC feedback		
		Output	W 153		
Fan Speed	Fan(H/M/L)	Standard rpm±20	980/900/840		
	Cooling (H/M/L)参考	Standard	980/900/840		
	Heating (H/M/L)参考	Standard	980/900/840		
Airflow Rate	Fan(H/M/L)	m ³ /min	29.00/25.00/22.00		
	Cooling (High)参考		-		
	Heating (High)参考		-		
Refrigerant	Type	-	R410a		
	Control Method	-	EDM EEV3.2c Sanhua		
Temperature Control		-	Micom&Thermistors		
Safety Devices		-	Fuse:5A		
External Static Pressure	Standard(Min.~Max)	mmH2O	0-4-15		
OPTION CODE	Standard Static Pressure	0≤SP≤2.5	Product	010054-1C546F-205A5A-331212	
			Install	020010-120000-200000-300000	
			Cycle	030000-100000-200000-300000	
			Install 2	050000-100000-200000-300000	
	All Static Pressure	0≤SP≤4	4<SP≤8	Product	010054-1C546F-205A5A-331212
				Product	010054-1C55E8-205A5A-331212
				Product	010054-1C5A61-205A5A-331212
				Product	010054-1C5AC8-205A5A-331212
Piping Connections	Liquid (Flare)	Φmm	9.52		
		Φinch	3/8		
	Gas (Flare)	Φmm	15.88		
		Φinch	5/8		
	Drain	Φmm	VP25 (OD 32, ID 25)		
		Φinch	-		
Weight	Net Weight	kg	33.0		
	Shipping Weight	kg	38.5		
Dimensions	Net Dimensions (W×H×D)	mm	1200*250*700		
		inch	-		
	Shipping Dimensions (W×H×D)	mm	1429*320*779		
		inch	-		
HEX	Dimension	-	2R*395*TP8.4*925mm		
	Tube hair fin	-	H2.1(9hole)FMC 9.5mm,		
	Fin	-	Louver, FP1.3		
	Pass	-	4*4 Pass		
Micom		-	DB91-01629A Version:140708 Checksum:E754		
LOADING QUANTITY	20ft	EA	77		
	40ft	EA	161		
	40ft JUMBO	EA	184		
Panel Size	Model	Europe	-		
	Net Weight	kg	-		
	Shipping Weight	kg	-		
	Net Dimensions (W×H×D)	mm	-		
	Shipping Dimensions (W×H×D)	mm	-		
Optional Accessories	Model	Europe	MDP-G075SQ (Internal installation) MDP-G075SP (External installation)		
	Drain pump	In/Option	Option		
	Max. lifting Height / Displacement	mm / liter/h	750mm, 24l/h		



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Norminal cooling capacities are based on;

- Indoor temperature : 27 °C DB, 19 °C WB - Outdoor temperature : 35 °C DB, 24 °C WB

*3) Norminal heating capacities are based on;

- Indoor temperature : 20 °C DB, 15 °C WB - Outdoor temperature : 7 °C DB, 6 °C WB

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Global Duct (cont.)

Div.			GD-3	GD-3	GD-3	
Model			AM112HNMPKH/EU	AM128HNMPKH/EU	AM140HNMPKH/EU	
Basic Model			Europe	AC120HBMDKH/EU(CAC)	AC120HBMDKH/EU(CAC)	AC140HBMDKH/EU(CAC)
Power Supply Mode ¹⁾			φ,V/Hz	1,220~240,50	1,220~240,50	1,220~240,50
Performance				HP / HR	HP / HR	HP / HR
Capacity	Cooling ²⁾	kW 92% ↑	11.2	12.8	14.0	
	Heating ³⁾	kW 92% ↑	12.5	13.8	16.0	
Power	Input Consumption (Cooling/Heating)	W 110% ↓	165/165	175/175	215/215	
	Running Current (Cooling/Heating)	A 110% ↓	1.40/1.40	1.50/1.50	1.70/1.70	
Indoor unit refrigerant adding amount			Kg/EA	0.38	0.38	0.38
Noise Level	开发spec	dB(A) ↓	45/46	46/47	47/48	
	Catalouel 标示值	dB(A) ↓	38/35/32	39/36/33	40/37/33	
Fan	Type	-	Sirocco Fan (Φ198*3EA)	Sirocco Fan (Φ198*3EA)	Sirocco Fan (Φ198*3EA)	
	Motor	Model	-	SIC-80CW-F1244-1 (DB31-00641A)	SIC-80CW-F1244-1 (DB31-00641A)	SIC-80CW-F1244-1 (DB31-00641A)
		Type	-	BLDC feedback	BLDC feedback	BLDC feedback
		Output	W	244	244	244
Fan Speed	Fan(H/M/L)	Standard	rpm±20	880/820/760	900/840/780	940/860/780
	Cooling (H/M/L)参考	Standard		880/820/760	900/840/780	940/860/780
	Heating (H/M/L)参考	Standard		880/820/760	900/840/780	940/860/780
Airflow Rate	Fan(H/M/L)	m ³ /min	35.00/29.00/22.00	38.00/32.00/25.00	42.00/34.00/25.00	
	Cooling (High)参考		-	-	-	
	Heating (High)参考		-	-	-	
Refrigerant	Type	-	R410a	R410a	R410a	
	Control Method	-	EDM EEV4.0c Sanhua	EDM EEV4.0c Sanhua	EDM EEV4.0c Sanhua	
Temperature Control			-	Micom&Thermistors	Micom&Thermistors	
Safety Devices			-	Fuse:5A	Fuse:5A	
External Static Pressure			Standard(Min.-Max)	mmH2O	0-5.2-15	0-5.2-15
OPTION CODE	Standard Static Pressure	0≤SP≤2.5	Product	010054-1C541B-207070-331223	010054-1C542C-208080-331222	010054-1C544C-208C8C-331221
			Install	020010-120000-200000-300000	020010-120000-200000-300000	020010-120000-200000-300000
			Cycle	030000-100000-200000-300000	030000-100000-200000-300000	030000-100000-200000-300000
			Install 2	050000-100000-200000-300000	050000-100000-200000-300000	050000-100000-200000-300000
	All Static Pressure	0≤SP≤5.2 5.2<SP≤8 8<SP≤12 12<SP≤15	Product	010054-1C541B-207070-331223	010054-1C542C-208080-331222	010054-1C544C-208C8C-331221
			Product	010054-1C5560-207070-331223	010054-1C5572-208080-331222	010054-1C5592-208C8C-331221
			Product	010054-1C55EB-207070-331223	010054-1C55EA-208080-331222	010054-1C55FA-208C8C-331221
			Product	010054-1C593D-207070-331223	010054-1C592E-208080-331222	010054-1C593E-208C8C-331221
Piping Connections	Liquid (Flare)	Φ,mm	9.52	9.52	9.52	
		Φ,inch	3/8	3/8	3/8	
	Gas (Flare)	Φ,mm	15.88	15.88	15.88	
		Φ,inch	5/8	5/8	5/8	
	Drain	Φ,mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
		Φ,inch	-	-	-	
Weight	Net Weight	kg	38.5	38.5	38.5	
	Shipping Weight	kg	44.5	44.5	44.5	
Dimensions	Net Dimensions (W×H×D)	mm	1300*300*700	1300*300*700	1300*300*700	
		inch	-	-	-	
	Shipping Dimensions (W×H×D)	mm	1529*370*779	1529*370*779	1529*370*779	
		inch	-	-	-	
HEX	Dimension	-	2R*455*TP8.4*L1125mm	2R*455*TP8.4*L1125mm	2R*455*TP8.4*L1125mm	
	Tube hair fin	-	H2.1(9hole)FMC 9.5mm,	H2.1(9hole)FMC 9.5mm,	H2.1(9hole)FMC 9.5mm,	
	Fin	-	FP1.3*Louver	FP1.3*Louver	FP1.3*Louver	
	Pass	-	4*4 Pass	4*4 Pass	4*4 Pass	
Micom			-	DB91-01629A	DB91-01629A	
LOADING QUANTITY			Version:140708 Checksum:E754	Version:140708 Checksum:E754	Version:140708 Checksum:E754	
Panel Size	20ft	EA	42	42	42	
	40ft	EA	90	90	90	
	40ft JUMBO	EA	105	105	105	
	Model	Europe	-	-	-	
	Net Weight	kg	-	-	-	
Optional Accessories	Shipping Weight	kg	-	-	-	
	Net Dimensions (W×H×D)	mm	-	-	-	
	Shipping Dimensions (W×H×D)	mm	-	-	-	
	Model	Europe	MDP-G075SQ (Internal installation)	MDP-G075SQ (Internal installation)	MDP-G075SQ (Internal installation)	
Drain pump	In/Option	Option	Option	Option		
Max. lifting Height / Displacement			mm / liter/h	750mm, 24l/h	750mm, 24l/h	



- *1) Mode
- HP : Heat Pump, HR : Heat Recovery
- *2) Nominal cooling capacities are based on;
- Indoor temperature : 27 °C DB, 19 °C WB - Outdoor temperature : 35 °C DB, 24 °C WB
- *3) Nominal heating capacities are based on;
- Indoor temperature : 20 °C DB, 15 °C WB - Outdoor temperature : 7 °C DB, 6 °C WB
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Global Duct (cont.)

Div.			GD-3 HSP	GD-3 HSP	GD-3 HSP	
Model			AM112HNHPKH/EU	AM128HNHPKH/EU	AM140HNHPKH/EU	
Basic Model			AC120HBHFKH/SA(CAC)	AC120HBHFKH/SA(CAC)	AC140HBHFKH/SA(CAC)	
Power Supply Mode ¹⁾			1,220~240,50	1,220~240,50	1,220~240,50	
Performance			HP / HR	HP / HR	HP / HR	
Capacity	Cooling ²⁾	kW 92% ↑	11.2	12.8	14.0	
		Heating ³⁾	12.5	13.8	16.0	
Power	Input Consumption (Cooling/Heating)	W 110% ↓	205/205	230/230	260/260	
	Running Current (Cooling/Heating)	A 110% ↓	1.20/1.20	1.40/1.40	1.50/1.50	
Indoorunit refrigerant adding amount			Kg/EA 0.38	Kg/EA 0.38	Kg/EA 0.38	
Noise Level	开发spec	dB(A) ↓	46/47	47/48	49/50	
	Catalouel 标示值	dB(A) ↓	38/35/32	39/36/33	40/37/34	
Fan	Type	-	Sirocco Fan (Φ198*3EA)	Sirocco Fan (Φ198*3EA)	Sirocco Fan (Φ198*3EA)	
	Motor	Model	-	DL-178305SBA (DB31-00645A)	DL-178305SBA (DB31-00645A)	DL-178305SBA (DB31-00645A)
		Type	-	BLDC feedback	BLDC feedback	BLDC feedback
	Output	W	350	350	350	
Fan Speed	Fan(H/M/L)	Standard	rpm±20	940/900/860	980/920/880	1020/940/880
	Cooling (H/M/L)参考	Standard		940/900/860	980/920/880	1020/940/880
	Heating (H/M/L)参考	Standard		940/900/860	980/920/880	1020/940/880
Airflow Rate	Fan(H/M/L)	m ³ /min	35.00/29.00/22.00	38.00/32.00/25.00	42.00/34.00/25.00	
	Cooling (High)参考	-	-	-	-	
	Heating (High)参考	-	-	-	-	
Refrigerant	Type	-	R410a	R410a	R410a	
	Control Method	-	EDM EEV4.0c Sanhua	EDM EEV4.0c Sanhua	EDM EEV4.0c Sanhua	
Temperature Control			-	Micom&Thermistors	Micom&Thermistors	
Safety Devices			-	Fuse:5A/10A/15A	Fuse:5A/10A/15A	
External Static Pressure			mmH2O	3-6.2-20	3-6.2-20	
OPTION CODE	Standard Static Pressure	0≤SP≤2.5	Product	010054-1C5540-207070-331226	010054-1C5561-208080-331225	010054-1C5581-208C8C-331224
			Install	020010-120000-200000-300000	020010-120000-200000-300007	020010-120000-200000-300008
			Cycle	030000-100000-200000-300000	030000-100000-200000-300007	030000-100000-200000-300008
	All Static Pressure	3≤SP≤6.2	Product	010054-1C5540-207070-331226	010054-1C5561-208080-331225	010054-1C5581-208C8C-331224
				010054-1C55A4-207070-331226	010054-1C55B3-208080-331225	010054-1C55D3-208C8C-331224
				010054-1C55C6-207070-331226	010054-1C55E5-208080-331225	010054-1C5595-208C8C-331224
				010054-1C5908-207070-331226	010054-1C5917-208080-331225	010054-1C5937-208C8C-331224
				010054-1C594A-207070-331226	010054-1C5949-208080-331225	010054-1C5969-208C8C-331224
				010054-1C597C-207070-331226	010054-1C598B-208080-331225	010054-1C598B-208C8C-331224
				010054-1C59AE-207070-331226	010054-1C59BD-208080-331225	010054-1C59CD-208C8C-331224
010054-1C59BF-207070-331226	010054-1C59CE-208080-331225	010054-1C59DE-208C8C-331224				
Piping Connections	Liquid (Flare)	Φ,mm	9.52	9.52	9.52	
		Φinch	3/8	3/8	3/8	
	Gas (Flare)	Φ,mm	15.88	15.88	15.88	
		Φinch	5/8	5/8	5/8	
Drain	Φ,mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
	Φinch	-	-	-		
Weight	Net Weight	kg	46.5	46.5	46.5	
	Shipping Weight	kg	52.5	52.5	52.5	
Dimensions	Net Dimensions (WxHxD)	mm	1300*300*700	1300*300*700	1300*300*700	
		inch	-	-	-	
	Shipping Dimensions (WxHxD)	mm	1529*370*779	1529*370*779	1529*370*779	
		inch	-	-	-	
HEX	Dimension	-	2R*455*TP8.4*L1125mm	2R*455*TP8.4*L1125mm	2R*455*TP8.4*L1125mm	
	Tube hair fin	-	H2.1(9hole) FME 9.10mm,	H2.1(9hole) FME 9.10mm,	H2.1(9hole) FME 9.10mm,	
	Fin	-	FP1.3*Louver	FP1.3*Louver	FP1.3*Louver	
	Pass	-	4*4 Pass	4*4 Pass	4*4 Pass	
Micom	-	DB91-01629A	DB91-01629A	DB91-01629A		
LOADING QUANTITY	20ft	EA	42	42	42	
	40ft	EA	90	90	90	
	40ft JUMBO	EA	105	105	105	
Panel Size	Model	Europe	-	-	-	
	Net Weight	kg	-	-	-	
	Shipping Weight	kg	-	-	-	
	Net Dimensions (WxHxD)	mm	-	-	-	
	Shipping Dimensions (WxHxD)	mm	-	-	-	
Optional Accessories	Model	Europe	MDP-G075SQ (Internal installation)	MDP-G075SQ (Internal installation)	MDP-G075SQ (Internal installation)	
	Drain pump	In/Option	MDP-G075SP (External installation)	MDP-G075SP (External installation)	MDP-G075SP (External installation)	
	Max. lifting Height / Displacement	mm / liter/h	Option 750mm, 24l/h	Option 750mm, 24l/h	Option 750mm, 24l/h	



- *1) Mode
- HP : Heat Pump, HR : Heat Recovery
- *2) Norminal cooling capacities are based on;
- Indoor temperature : 27 °C DB, 19 °C WB - Outdoor temperature : 35 °C DB, 24 °C WB
- *3) Norminal heating capacities are based on;
- Indoor temperature : 20 °C DB, 15 °C WB - Outdoor temperature : 7 °C DB, 6 °C WB
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Ceiling type

Model			AM056FNCDEH/EU	AM071FNCDEH/EU	
Power Supply		øV/Hz	1/220~240/50	1/220~240/50	
Mode*1)			HP / HR	HP / HR	
Performance	Capacity	Cooling*2)	kW	5.6	7.1
			Btu/h	19,100	24,200
	Heating*3)	kW	6.3	8.0	
		Btu/h	21,400	27,200	
Condensate (with High fan speed)		Liters/h	2.87	2.87	
Power	Input	W	72/72	80/77	
	Running Current	A	0.33/0.28	0.35/0.29	
Sound Level	Sound Pressure (Cooling / Heating)*4)		dB(A)	45/45	47/47
Fan	Type		-	Sirocco Fan	Sirocco Fan
	Motor	Model	-	Y5S413B214	Y5S413B214
		Type	-	Non Feedback SSR	Non Feedback SSR
		Output	W	*5)	*5)
Airflow Rate	Cooling (High)	m ³ /min	16.5	16.5	
	Heating (High)	m ³ /min	20.0	20.0	
Refrigerant	Type	-	R410A	R410A	
	Control Method	-	EEV	EEV	
Temperature Control		-	Micom&Thermistors	Micom&Thermistors	
Safety Devices		-	Fuse	Fuse	
Piping Connections	Liquid (Flare)	ø, mm	6.35	9.52	
	Gas (Flare)	ø, mm	12.7	15.88	
	Drain	ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	
Weight	Net Weight	kg	21.0	21.0	
	Shipping Weight	kg	25.5	25.5	
Dimensions	Net Dimensions (W x H x D)	mm	1000x650x200	1000x650x200	
	Shipping Dimensions (W x H x D)	mm	1080x730x300	1080x730x300	
Functions	Auto Restart	-	O	O	
	Auto Swing	-	X	X	
	Group/Individual Control	-	O	O	
	External Contact Control	-	O	O	
	Trouble Shooting by LED	-	X	X	
Standard Accessories	Installation Manual	-	O	O	
	Operation Manual	-	O	O	
	Pattern Sheet for Installation	-	X	X	
	Flexible Drain Hose	-	O	O	
	Filter / Safety Grille	-	Filter (Washable)	Filter (Washable)	
Optional Accessories	Wireless Remote Controller		-	AR-DH00	AR-DH00
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N
		External Contact Interface Module	-	MIM-B14	MIM-B14



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB , Equivalent refrigerant piping : 7.5m , Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB , Equivalent refrigerant piping : 7.5m , Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Big Ceiling

Model			AM112JNCDKH/EU	AM140JNCDKH/EU
Power Supply Mode 1)			φ,V,Hz	1,220~240,50/60
			-	
			HP / HR	HP / HR
Performance	Capacity	Cooling 2)	kW	11.2
		Heating 3)	kW	12.5
Power	Input Consumption (Cooling/Heating)		W	92/80
	Running Current (Cooling/Heating)		A	0.94/0.83
Indoorunit refrigerant adding amount			Kg/EA	0.56
Noise Level			Actual Noise Pressure (High)	dB(A) ↓
			-	49
Fan	Type		-	Sirocco, Φ168*3EA
	Motor	Model	-	SIC-70CW-F1153-6, DL-12830SSBF (DB31-00660A)
		Type	-	BLDC Feedback
		Output	W	153W
Airflow Rate		Fan(H/M/L)	m ³ /min	29.3/23.9/18.5
Refrigerant	Type		-	R410a
	Control Method		-	EDM EEV 4.0C
Temperature Control			-	Micom&Thermistors
Safety Devices			-	250V/5A
Piping Connections	Liquid (Flare)	Φ,mm	9.52	9.52
		Φinch	3/8"	3/8"
	Gas (Flare)	Φ,mm	15.88	15.88
		Φinch	5/8"	5/8"
	Drain	Φ,mm	VP25 (OD25,ID 20)	VP25 (OD25,ID 20)
Φinch		-	-	
Weight	Net Weight		kg	33.5
	Shipping Weight		kg	39.5
Dimensions	Net Dimensions (W×H×D)		mm	1350*235*675
			inch	-
	Shipping Dimensions (W×H×D)		mm	1439*758*321
			inch	-
Functions	Auto Restart		-	0
	Auto Swing		-	0
	Group/Individual Control		-	0
	External Contact Control		-	0
	Trouble Shooting by LED		-	0
Standard Accessories	Installation Manual		-	0
	Operation Manual		-	0
	Pattern Sheet for Installation		-	0
	Flexible Drain Hose		-	0
	Filter / Safety Grille		-	Filter (Washable)
Optional Accessories	Wireless Remote Controller		-	AR-DH00
	Wired Remote Controller	Simplified	-	MWR-WE10N
		External Contact Interface Module		-



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Norminal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB - Outdoor temperature : 35°C DB, 24°C WB

*3) Norminal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB - Outdoor temperature : 7°C DB, 6°C WB

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Console type

Model			AM022KNJDEH/EU	AM028FNJDEH/EU	AM036FNJDEH/EU	AM045KNJDEH/EU	AM056FNJDEH/EU	
Power Supply		ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	
Mode*1)			HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	
Performance	Capacity	Cooling*2)	kW	2.2	2.8	3.6	4.5	5.6
			Btu/h	7,500	9,600	12,300	15,400	19,100
		Heating*3)	kW	2.5	3.2	4.0	5.0	6.3
			Btu/h	8,500	11,000	13,600	17,100	21,400
	Condensate (with High fan speed)		Liters/h	-	0.96	1.75	-	-
Power	Input	W	16 ^{*5)}	30 ^{*5)}	35 ^{*5)}	36 ^{*5)}	62 ^{*5)}	
	Running Current	A	0.13 ^{*5)}	0.25 ^{*5)}	0.29 ^{*5)}	0.30 ^{*5)}	0.49 ^{*5)}	
Sound Level	Sound Pressure (Cooling / Heating)*4)	dB(A)	38/39	41/43	42/44	48/49	49/51	
Fan	Type		Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	
	Motor	Model	-	SIC-55CV-F137-2	SIC-55CV-F137-2	SIC-55CV-F137-2	SIC-55CV-F137-2	SIC-55CV-F137-2
		Type	-	BLDC	BLDC	BLDC	BLDC	BLDC
		Output	W	37	37.0	37.0	37	37.0
Airflow Rate	Cooling (High)	m ³ /min	5.8	7.76 ^{*5)}	8.67 ^{*5)}	11.0	13.0 ^{*5)}	
	Heating (High)	m ³ /min	6.3	7.22 ^{*5)}	8.89 ^{*5)}	11.3	13.5 ^{*5)}	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	
	Control Method	-	EEV	EEV	EEV	EEV	EEV	
Temperature Control		-	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	
Safety Devices		-	Fuse	Fuse	Fuse	Fuse	Fuse	
Piping Connections	Liquid (Flare)	ø, mm	6.35	6.35	6.35	6.35	6.35	
	Gas (Flare)	ø, mm	12.7	12.7	12.7	12.7	12.7	
	Drain	ø, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	
Weight	Net Weight	kg	16.0	16.0	16.0	16.0	16.0	
	Shipping Weight	kg	21.0	21.0	21.0	21.0	21.0	
Dimensions	Net Dimensions (W x H x D)	mm	720x620x199	720x620x199	720x620x199	720x620x199	720x620x199	
	Shipping Dimensions (W x H x D)	mm	810x710x295	810x710x295	810x710x295	810x710x295	810x710x295	
Functions	Auto Restart	-	O	O	O	O	O	
	Auto Swing	-	O	O	O	O	O	
	Group/Individual Control	-	O	O	O	O	O	
	External Contact Control	-	O	O	O	O	O	
	Trouble Shooting by LED	-	O	O	O	O	O	
Standard Accessories	Installation Manual	-	O	O	O	O	O	
	Operation Manual	-	O	O	O	O	O	
	Pattern Sheet for Installation	-	X	X	X	X	X	
	Flexible Drain Hose	-	O	O	O	O	O	
	Filter / Safety Grille	-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	
	Wireless Remote Controller	-	ARH-1378 (DB93-07547B)	ARH-1378 (DB93-07547B)	ARH-1378 (DB93-07547B)	ARH-1378 (DB93-07547B)	ARH-1378 (DB93-07547B)	
Optional Accessories	Wireless Remote Controller	-	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	
	External Contact Interface Module	-	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Wall Mounted type(Neo Forte without EEV)

Model			AM015HNTDEH/EU	AM022FNTDEH/EU	AM028FNTDEH/EU	AM036FNTDEH/EU	AM056FNTDEH/EU	AM071FNTDEH/EU
Power Supply		øV/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Mode*1)			HP	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity	Cooling*2)	kW	1.5	2.2	2.8	3.6	5.6
			Btu/h	5,100	7,500	9,500	12,200	19,100
	Heating*3)	kW	2.2	2.5	3.2	4.0	6.3	7.0
		Btu/h	7,500	8,500	10,900	13,600	21,400	23,800
Condensate (with High fan speed)		Liters/h	0.74	1.12	1.44	1.91	2.87	3.51
Power	Input	W	25*5)	25*5)	25*5)	30*5)	45*5)	50*5)
	Running Current	A	0.16*5)	0.16*5)	0.16*5)	0.18*5)	0.27*5)	0.30*5)
Sound Level	Sound Pressure *4)	dB(A)	43	42	43	43	48	48
Fan	Type		Crossflow fan	Crossflow fan	Crossflow fan	Crossflow fan	Crossflow fan	Crossflow fan
	Motor	Model	YFK-8-4-SX06	YFK-8-4-SX06	YFK-8-4-SX06	YFK-8-4-SX06	YDK-045542213-02	YDK-045542213-02
		Type	Feedback SSR	Resin/steel	Resin/steel	Resin/steel	Resin/steel	Resin/steel
		Output	W	-	-	-	-	-
Airflow Rate	Cooling (High)	m ³ /min	5.4*5)	7.80*5)	7.80*5)	9.30*5)	12.00*5)	14.00*5)
	Heating (High)	m ³ /min	6.3*5)	8.20*5)	8.20*5)	9.50*5)	13.00*5)	15.00*5)
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A
	Control Method		EEV	EEV (Optional)	EEV (Optional)	EEV (Optional)	EEV (Optional)	EEV (Optional)
Temperature Control			Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors
Safety Devices			Fuse	Fuse	Fuse	Fuse	Fuse	Fuse
Piping Connections	Liquid (Flare)	ø, mm	6.35	6.35	6.35	6.35	6.35	9.52
	Gas (Flare)	ø, mm	12.7	12.7	12.7	12.7	12.7	15.88
	Drain	ø, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose
Weight	Net Weight	kg	8.3	8.0	8.0	8.0	13.0*5)	13.0*5)
	Shipping Weight	kg	11.3	11.0	11.0	11.0	16.0	16.0
Dimensions	Net Dimensions (W x H x D)	mm	825x285x189	825x285x189	825x285x189	825x285x189	1,099x315x217	1,099x315x217
	Shipping Dimensions (W x H x D)	mm	900x349x252	900x349x252	900x349x252	900x349x252	1,137x377x299	1,137x377x299
Functions	Auto Restart		O	O	O	O	O	O
	Auto Swing		O	O	O	O	O	O
	Group/Individual Control		O	O	O	O	O	O
	External Contact Control		O	O	O	O	O	O
	Trouble Shooting by LED		O	O	O	O	O	O
Standard Accessories	Installation Manual		O	O	O	O	O	O
	Operation Manual		O	O	O	O	O	O
	Pattern Sheet for Installation		X	X	X	X	X	X
	Flexible Drain Hose		O	O	O	O	O	O
	Filter / Safety Grille		Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)
	Wireless Remote Controller		ARH-5012	ARH-5012	ARH-5012	ARH-5012	ARH-5012	ARH-5012
Optional Accessories	Wireless Remote Controller		MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00
	Wired Remote Controller	Simplified	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14
	EEV Kits		MXD, MEV Series	MXD, MEV Series	MXD, MEV Series	MXD, MEV Series	MXD, MEV Series	MXD, MEV Series



*1) Mode
 - HP : Heat Pump, HR : Heat Recovery
 *2) Nominal cooling capacities are based on;
 - Indoor temperature : 27°C DB, 19°C WB
 - Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
 *3) Nominal heating capacities are based on;
 - Indoor temperature : 20°C DB, 15°C WB
 - Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
 *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
 *5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Wall Mounted type(Neo Forte with EEV)

Model			AM015HNQDEH/EU	AM022FNQDEH/EU	AM028FNQDEH/EU	AM036FNQDEH/EU	
Power Supply		øV/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	
Mode*1)			HP	HP	HP	HP	
Performance	Capacity	Cooling*2)	kW	1.5	2.2	2.8	3.6
			Btu/h	5,100	7,500	9,500	12,200
		Heating*3)	kW	2.2	2.5	3.2	4.0
			Btu/h	7,500	8,500	10,900	13,600
Condensate (with High fan speed)		Liters/h	0.74	1.12	1.44	1.91	
Power	Input	W	25 ^{*5)}	25 ^{*5)}	25 ^{*5)}	30 ^{*5)}	
	Running Current	A	0.16 ^{*5)}	0.16 ^{*5)}	0.16 ^{*5)}	0.18 ^{*5)}	
Sound Level	Sound Pressure *4)	dB(A)	43	43	44	44	
Fan	Type		-	Crossflow fan	Crossflow fan	Crossflow fan	
	Motor	Model	-	YFK-8-4-SX06	YFK-8-4-SX06	YFK-8-4-SX06	YFK-8-4-SX06
		Type	-	Feedback SSR	Feedback SSR	Feedback SSR	Feedback SSR
		Output	W	-	-	-	-
Airflow Rate	Cooling (High)	m ³ /min	5.4 ^{*5)}	7.80 ^{*5)}	7.80 ^{*5)}	9.30 ^{*5)}	
	Heating (High)	m ³ /min	6.3 ^{*5)}	8.20 ^{*5)}	8.20 ^{*5)}	9.50 ^{*5)}	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	
	Control Method	-	EEV	EEV	EEV	EEV	
Temperature Control		-	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	
Safety Devices		-	Fuse	Fuse	Fuse	Fuse	
Piping Connections	Liquid (Flare)	ø, mm	6.35	6.35	6.35	6.35	
	Gas (Flare)	ø, mm	12.7	12.7	12.7	12.7	
	Drain	ø, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	
Weight	Net Weight	kg	8.3	8.3	8.3	8.3	
	Shipping Weight	kg	11.3	11.3	11.3	11.3	
Dimensions	Net Dimensions (W x H x D)	mm	825x285x189	825x285x189	825x285x189	825x285x189	
	Shipping Dimensions (W x H x D)	mm	900x349x252	900x349x252	900x349x252	900x349x252	
Functions	Auto Restart	-	O	O	O	O	
	Auto Swing	-	O	O	O	O	
	Group/Individual Control	-	O	O	O	O	
	External Contact Control	-	O	O	O	O	
	Trouble Shooting by LED	-	O	O	O	O	
Standard Accessories	Installation Manual	-	O	O	O	O	
	Operation Manual	-	O	O	O	O	
	Pattern Sheet for Installation	-	X	X	X	X	
	Flexible Drain Hose	-	O	O	O	O	
	Filter / Safety Grille	-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	
	Wireless Remote Controller	-	ARH-5012	ARH-5012	ARH-5012	ARH-5012	
Optional Accessories	Wireless Remote Controller	-	MR-DH00	MR-DH00	MR-DH00	MR-DH00	
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	
	External Contact Interface Module	-	MIM-B14	MIM-B14	MIM-B14	MIM-B14	



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Wall Mounted type(Neo Forte with EEV)

Model			AM045FNQDEH/EU	AM056FNQDEH/EU	AM071FNQDEH/EU	
Power Supply		øV/Hz	1/220~240/50	1/220~240/50	1/220~240/50	
Mode*1)			HP	HP	HP	
Performance	Capacity	Cooling*2)	kW	4.5	5.6	6.8
			Btu/h	-	19,100	23,200
		Heating*3)	kW	5.0	6.3	7.0
			Btu/h	-	21,400	23,800
	Condensate (with High fan speed)		Liters/h	2.35	2.87	3.51
Power	Input		W	40 ^{*5)}	45 ^{*5)}	50 ^{*5)}
	Running Current		A	0.24 ^{*5)}	0.27 ^{*5)}	0.30 ^{*5)}
Sound Level	Sound Pressure *4)		dB(A)	49	49	49
Fan	Type		-	Crossflow fan	Crossflow fan	Crossflow fan
	Motor	Model	-	YDK-045S42213-02	YDK-045S42213-02	YDK-045S42213-02
		Type	-	Feedback SSR	Feedback SSR	Feedback SSR
		Output	W	-	-	-
Airflow Rate	Cooling (High)		m ³ /min	11.70 ^{*5)}	13.00 ^{*5)}	14.00 ^{*5)}
	Heating (High)		m ³ /min	12.30 ^{*5)}	13.50 ^{*5)}	15.00 ^{*5)}
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV
Temperature Control		-	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	
Safety Devices		-	Fuse	Fuse	Fuse	
Piping Connections	Liquid (Flare)		ø, mm	6.35	6.35	9.52
	Gas (Flare)		ø, mm	12.7	12.7	15.88
	Drain		ø, mm	ID 18 hose	ID 18 hose	ID 18 hose
Weight	Net Weight		kg	13.5	13.5	13.5
	Shipping Weight		kg	16.5	16.5	16.5
Dimensions	Net Dimensions (W x H x D)		mm	1,099x315x217	1,099x315x217	1,099x315x217
	Shipping Dimensions (W x H x D)		mm	1,137x377x299	1,137x377x299	1,137x377x299
Functions	Auto Restart		-	O	O	O
	Auto Swing		-	O	O	O
	Group/Individual Control		-	O	O	O
	External Contact Control		-	O	O	O
	Trouble Shooting by LED		-	O	O	O
Standard Accessories	Installation Manual		-	O	O	O
	Operation Manual		-	O	O	O
	Pattern Sheet for Installation		-	X	X	X
	Flexible Drain Hose		-	O	O	O
	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)
	Wireless Remote Controller		-	ARH-5012	ARH-5012	ARH-5012
Optional Accessories	Wireless Remote Controller		-	MR-DH00	MR-DH00	MR-DH00
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N
		External Contact Interface Module		-	MIM-B14	MIM-B14



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Wall Mounted type(Boracay with EEV)

Model		AM015KNQDEH/EU	AM022KNQDEH/EU	AM028KNQDEH/EU	AM036KNQDEH/EU	AM045KNQDEH/EU	AM056KNQDEH/EU	AM071KNQDEH/EU	
Power Supply	Mode	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	
Performance	Capacity (Nominal)	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	
		kW	1.5	2.2	2.8	3.6	4.5	5.6	6.8
	Cooling 2)	Btu/h	5,100	7,500	9,600	12,300	15,400	19,100	23,200
		Heating 2)	kW	1.7	2.5	3.2	4.0	5.0	6.3
Power	Condensate (with high fan speed)	Btu/h	5,800	8,500	10,900	13,600	17,050	21,400	23,800
	Liter/h	-	-	-	-	-	-	-	
Sound Level	Input	W	32	32	38	42	47	48	51
	Running Current	A	0.20	0.20	0.22	0.23	0.27	0.27	0.28
Fan	Sound Pressure *4)	dB(A)	35	36	35	41	43	44	45
	Type	-	Crossflow Fan Ø94*L601	Crossflow Fan Ø94*L601	Crossflow Fan Ø94*L601	Crossflow Fan Ø94*L601	Crossflow Fan Ø94*L844.3	Crossflow Fan Ø94*L844.3	Crossflow Fan Ø94*L844.3
Airflow Rate	Motor	Model	-	Y45476B038L	Y45476B038L	Y45476B038L	Y45476B82	Y45476B82	Y45476B82
		Type	-	SSR Feedback	SSR Feedback	SSR Feedback	SSR Feedback	SSR Feedback	SSR Feedback
	Output	W	-	-	-	-	-	-	-
Refrigerant	Cooling (High)	m3/min	5.9	6.2	6.7	8.1	11.7	12.1	13.1
	Heating (High)	m3/min	6.9	7.1	6.7	7.8	13.9	14.4	16.1
Temperature Control	Type	-	R410a	R410a	R410a	R410a	R410a	R410a	R410a
	Control Method	-	EDM EEV 1.3C	EDM EEV 1.3C	EDM EEV 1.3C	EDM EEV 1.3C	EDM EEV 2.0C	EDM EEV 2.0C	EDM EEV 2.0C
Safety Devices		-	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	
Piping Connections	Liquid (Flare)	ø, mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52
	Gas (Flare)	ø, mm	12.7	12.7	12.7	12.7	12.7	12.7	15.88
	Drain	ø, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose
Weight	Net Weight	kg	8.5	8.5	9.0	9.0	12.5	12.5	12.5
	Shipping Weight	kg	10.2	10.2	10.6	10.6	14.5	14.5	14.5
Dimensions	Net Dimensions (W x H x D)	mm	820*285*227	820*285*227	820*285*227	820*285*227	1065*298*243	1065*298*243	1065*298*243
	Shipping Dimensions (W x H x D)	mm	880*280*363	880*280*363	880*280*363	880*280*363	1128*299*378	1128*299*378	1128*299*378
Functions	Auto Restart	-	O	O	O	O	O	O	O
	Auto Swing	-	O	O	O	O	O	O	O
	Group/Individual Control	-	O	O	O	O	O	O	O
	External Contact Control	-	O	O	O	O	O	O	O
	Trouble Shooting by LED	-	O	O	O	O	O	O	O
Standard Accessories	Installation Manual	-	O	O	O	O	O	O	O
	Operation Manual	-	O	O	O	O	O	O	O
	Pattern Sheet for Installation	-	X	X	X	X	X	X	X
	Flexible Drain Hose	-	O	O	O	O	O	O	O
	Filter / Safety Grille	-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)
	Wireless Remote Controller	-	ARH-5012	ARH-5012	ARH-5012	ARH-5012	ARH-5012	ARH-5012	ARH-5012
Optional Accessories	Wireless Remote Controller	-	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module	-	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14
	EEV Kits	-	MXD, MEV Series	MXD, MEV Series	MXD, MEV Series	MXD, MEV Series	MXD, MEV Series	MXD, MEV Series	MXD, MEV Series



- *1) Mode
- HP : Heat Pump, HR : Heat Recovery
- *2) Nominal cooling capacities are based on;
- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *3) Nominal heating capacities are based on;
- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Wall Mounted type(Boracay without EEV)

Model			AM015KNTDEH/EU	AM022KNTDEH/EU	AM028KNTDEH/EU	AM036KNTDEH/EU	AM045KNTDEH/EU	AM056KNTDEH/EU	AM071KNTDEH/EU	
Power Supply			1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	
Mode			-	-	-	-	-	-	-	
Performance	Capacity (Nominal)	Cooling 2)	kW	1.5	2.2	2.8	3.6	4.5	5.6	7.1
		Btu/h	5,100	7,500	9,600	12,300	15,400	19,100	23,200	
	Heating 2)	kW	1.7	2.5	3.2	4.0	5.0	6.3	7.0	
		Btu/h	5,800	8,500	10,900	13,600	17,050	21,400	23,800	
Condensate (with high fan speed)			Liter/h	-	-	-	-	-	-	
Power	Input		W	32	32	38	42	47	48	51
	Running Current		A	0.20	0.20	0.22	0.23	0.27	0.27	0.28
Sound Level	Sound Pressure *4)		dB(A)	35	26	25	41	43	44	45
Fan	Type	-	Crossflow Fan Φ94*L601	Crossflow Fan Φ94*L601	Crossflow Fan Φ94*L601	Crossflow Fan Φ94*L601	Crossflow Fan Φ94*L844.3	Crossflow Fan Φ94*L844.3	Crossflow Fan Φ94*L844.3	
	Motor	Model	-	Y45476B038L	Y45476B038L	Y45476B038L	Y45476B038L	Y45476B82	Y45476B82	Y45476B82
		Type	-	SSR Feedback	SSR Feedback	SSR Feedback	SSR Feedback	SSR Feedback	SSR Feedback	SSR Feedback
		Output	W	-	-	-	-	-	-	-
Airflow Rate	Cooling (High)	m3/min	5.9	6.2	6.7	8.1	11.7	12.1	13.1	
	Heating (High)	m3/min	6.9	7.1	7.4	8.5	13.9	14.4	16.1	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	R410a	R410a	
	Control Method		-	-	-	-	-	-	-	
Temperature Control	-		Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	
Safety Devices	-		Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	
Piping Connections	Liquid (Flare)	ø, mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52	
	Gas (Flare)	ø, mm	12.7	12.7	12.7	12.7	12.7	12.7	15.88	
	Drain	ø, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	
Weight	Net Weight		kg	8.0	8.0	8.5	8.5	12.0	12.0	
	Shipping Weight		kg	9.7	9.7	10.2	10.2	14.0	14.0	
Dimensions	Net Dimensions (W x H x D)		mm	820*285*227	820*285*227	820*285*227	820*285*227	1065*298*243	1065*298*243	1065*298*243
	Shipping Dimensions (W x H x D)		mm	880*280*363	880*280*363	880*280*363	880*280*363	1128*299*378	1128*299*378	1128*299*378
Functions	Auto Restart		-	0	0	0	0	0	0	
	Auto Swing		-	0	0	0	0	0	0	
	Group/Individual Control		-	0	0	0	0	0	0	
	External Contact Control		-	0	0	0	0	0	0	
	Trouble Shooting by LED		-	0	0	0	0	0	0	
Standard Accessories	Installation Manual		-	0	0	0	0	0	0	
	Operation Manual		-	0	0	0	0	0	0	
	Pattern Sheet for Installation		-	X	X	X	X	X	X	
	Flexible Drain Hose		-	0	0	0	0	0	0	
	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	
	Wireless Remote Controller		-	ARH-5012	ARH-5012	ARH-5012	ARH-5012	ARH-5012	ARH-5012	
Optional Accessories	Wireless Remote Controller		-	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	
		External Contact Interface Module	-	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	
	EEV Kits		-	MXD, MEV Series	MXD, MEV Series	MXD, MEV Series	MXD, MEV Series	MXD, MEV Series	MXD, MEV Series	



- *1) Mode
- HP : Heat Pump, HR : Heat Recovery
- *2) Nominal cooling capacities are based on;
- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *3) Nominal heating capacities are based on;
- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Wall Mounted type(Boracay with EEV)

Model			AM022KNQDEH/TL	AM028KNQDEH/TL	AM036KNQDEH/TL	AM045KNQDEH/TL	AM056KNQDEH/TL	AM071KNQDEH/TL	
Power Supply		ø, #, V, Hz	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	
Mode		-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	
Performance	Capacity (Nominal)	Cooling 2)	kW	2.2	2.8	3.6	4.5	5.6	
			Btu/h	7,500	9,600	12,300	15,400	19,100	23,200
	Heating 2)	kW	2.5	3.2	4.0	5.0	6.3	7.0	
		Btu/h	8,500	10,900	13,600	17,050	21,400	23,800	
Condensate (with high fan speed)		Liter/h	-	-	-	-	-	-	
Power	Input	W	32	38	42	47	48	51	
	Running Current	A	0.20	0.22	0.23	0.27	0.27	0.28	
Sound Level	Sound Pressure *4)	dB(A)	36	35	41	43	44	45	
Fan	Type	-	Crossflow Fan Ø94*L601	Crossflow Fan Ø94*L601	Crossflow Fan Ø94*L601	Crossflow Fan Ø94*L844.3	Crossflow Fan Ø94*L844.3	Crossflow Fan Ø94*L844.3	
	Motor	Model	-	Y4S476B038L	Y4S476B038L	Y4S476B038L	Y4S476B82	Y4S476B82	Y4S476B82
		Type	-	SSR Feedback	SSR Feedback	SSR Feedback	SSR Feedback	SSR Feedback	SSR Feedback
		Output	W	-	-	-	-	-	-
Airflow Rate	Cooling (High)	m3/min	6.2	6.7	8.1	11.7	12.1	13.1	
	Heating (High)	m3/min	7.1	6.7	7.8	13.9	14.4	16.1	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	R410a	
	Control Method	-	EDM EEV 1.3C	EDM EEV 1.3C	EDM EEV 1.3C	EDM EEV 2.0C	EDM EEV 2.0C	EDM EEV 2.0C	
Temperature Control	-	-	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	
Safety Devices	-	-	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	
Piping Connections	Liquid (Flare)	ø, mm	6.35	6.35	6.35	6.35	6.35	9.52	
	Gas (Flare)	ø, mm	12.7	12.7	12.7	12.7	12.7	15.88	
	Drain	ø, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	
Weight	Net Weight	kg	8.5	9.0	9.0	12.5	12.5	12.5	
	Shipping Weight	kg	10.0	10.5	10.5	14.5	14.5	14.5	
Dimensions	Net Dimensions (W x H x D)	mm	820*285*227	820*285*227	820*285*227	1065*298*243	1065*298*243	1065*298*243	
	Shipping Dimensions (W x H x D)	mm	880*280*363	880*280*363	880*280*363	1128*299*378	1128*299*378	1128*299*378	
Functions	Auto Restart	-	O	O	O	O	O	O	
	Auto Swing	-	O	O	O	O	O	O	
	Group/Individual Control	-	O	O	O	O	O	O	
	External Contact Control	-	O	O	O	O	O	O	
	Trouble Shooting by LED	-	O	O	O	O	O	O	
Standard Accessories	Installation Manual	-	O	O	O	O	O	O	
	Operation Manual	-	O	O	O	O	O	O	
	Pattern Sheet for Installation	-	X	X	X	X	X	X	
	Flexible Drain Hose	-	O	O	O	O	O	O	
	Filter / Safety Grille	-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	
	Wireless Remote Controller	-	ARH-5012	ARH-5012	ARH-5012	ARH-5012	ARH-5012	ARH-5012	
Optional Accessories	Wireless Remote Controller	-	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	MR-DH00	
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	
		External Contact Interface Module	-	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	



- *1) Mode
- HP : Heat Pump, HR : Heat Recovery
- *2) Nominal cooling capacities are based on;
- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *3) Nominal heating capacities are based on;
- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Wall mounted type(Boracay with EEV)

Model		AM007KNQDCH/TC	AM009KNQDCH/TC	AM012KNQDCH/TC	AM018KNQDCH/TC	AM020KNQDCH/TC	AM024KNQDCH/TC	
Power Supply		ø, #, V, Hz	1,208~230,60	1,208~230,60	1,208~230,60	1,208~230,60	1,208~230,60	
Mode		-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	
Performance	Capacity (Nominal)	Cooling 2)	-	-	-	-	-	
		Btu/h	7,500	9,500	12,000	18,000	20,000	23,200
	Heating 2)	kW	-	-	-	-	-	-
		Btu/h	8,500	10,500	13,500	20,000	23,000	23,800
Condensate (with high fan speed)		Liter/h	-	-	-	-	-	
Power	Input	W	30	39	42	57	58	
	Running Current	A	0.18	0.21	0.22	0.32	0.32	
Sound Level	Sound Pressure *4)	dB(A)	36	35	41	44	45	
Fan	Type	-	Crossflow Fan Ø94*L601	Crossflow Fan Ø94*L601	Crossflow Fan Ø94*L601	Crossflow Fan Ø94*L844.3	Crossflow Fan Ø94*L844.3	
	Motor	Model	-	Y4S476B038L	Y4S476B038L	Y4S476B82	Y4S476B82	
		Type	-	SSR Feedback	SSR Feedback	SSR Feedback	SSR Feedback	
	Output	W	-	-	-	-	-	
Airflow Rate	Cooling (High)	m3/min	6.2	6.7	8.1	12.1	13.1	
	Heating (High)	m3/min	7.1	7.4	8.5	14.4	16.1	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	
	Control Method	-	EDM EEV 1.3C	EDM EEV 1.3C	EDM EEV 1.3C	EDM EEV 2.0C	EDM EEV 2.0C	
Temperature Control	-	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	
Safety Devices	-	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	
Piping Connections	Liquid (Flare)	ø, mm	6.35	6.35	6.35	6.35	9.52	
	Gas (Flare)	ø, mm	12.7	12.7	12.7	12.7	15.88	
	Drain	ø, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	
Weight	Net Weight	kg	8.5	9.0	9.0	12.5	12.5	
	Shipping Weight	kg	10.0	10.5	10.5	14.5	14.5	
Dimensions	Net Dimensions (W x H x D)	mm	820*285*227	820*285*227	820*285*227	1065*298*243	1065*298*243	
	Shipping Dimensions (W x H x D)	mm	880*280*363	880*280*363	880*280*363	1128*299*378	1128*299*378	
Functions	Auto Restart	-	O	O	O	O	O	
	Auto Swing	-	O	O	O	O	O	
	Group/Individual Control	-	O	O	O	O	O	
	External Contact Control	-	O	O	O	O	O	
	Trouble Shooting by LED	-	O	O	O	O	O	
Standard Accessories	Installation Manual	-	O	O	O	O	O	
	Operation Manual	-	O	O	O	O	O	
	Pattern Sheet for Installation	-	X	X	X	X	X	
	Flexible Drain Hose	-	O	O	O	O	O	
	Filter / Safety Grille	-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	
Optional Accessories	Wireless Remote Controller	-	MR-EH00	MR-EH00	MR-EH00	MR-EH00	MR-EH00	
	Wired Remote Controller	Simplified	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	
	External Contact Interface Module	-	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	



- *1) Mode
- HP : Heat Pump, HR : Heat Recovery
- *2) Nominal cooling capacities are based on;
- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *3) Nominal heating capacities are based on;
- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Wall mounted type(Boracay without EEV)

Model		AM007KNTDCH/TC	AM009KNTDCH/TC	AM012KNTDCH/TC	AM018KNTDCH/TC	AM020KNTDCH/TC	AM024KNTDCH/TC	
Power Supply		ø, #, V, Hz	1,208~230,60	1,208~230,60	1,208~230,60	1,208~230,60	1,208~230,60	
Mode		-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	
Performance	Capacity (Nominal)	Cooling 2)	-	-	-	-	-	
		Btu/h	7,500	9,500	12,000	18,000	20,000	23,200
	Heating 2)	kW	-	-	-	-	-	-
		Btu/h	8,500	10,500	13,500	20,000	23,000	23,800
Condensate (with high fan speed)		Liter/h	-	-	-	-	-	
Power	Input	W	30	39	42	57	58	
	Running Current	A	0.18	0.21	0.22	0.32	0.32	
Sound Level	Sound Pressure *4)	dB(A)	36	35	41	44	45	
Fan	Type	-	Crossflow Fan Ø94*L601	Crossflow Fan Ø94*L601	Crossflow Fan Ø94*L601	Crossflow Fan Ø94*L844.3	Crossflow Fan Ø94*L844.3	
	Motor	Model	-	Y4S476B038L	Y4S476B038L	Y4S476B82	Y4S476B82	
		Type	-	SSR Feedback	SSR Feedback	SSR Feedback	SSR Feedback	
		Output	W	-	-	-	-	
Airflow Rate	Cooling (High)	m3/min	6.2	6.7	8.1	12.1	13.1	
	Heating (High)	m3/min	7.1	7.4	8.5	14.4	16.1	
Refrigerant	Type	-	R410a	R410a	R410a	R410a	R410a	
	Control Method	-	-	-	-	-	-	
Temperature Control	-	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	
Safety Devices	-	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	Fuse:1.6A	
Piping Connections	Liquid (Flare)	ø, mm	6.35	6.35	6.35	6.35	9.52	
	Gas (Flare)	ø, mm	12.7	12.7	12.7	12.7	15.88	
	Drain	ø, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	
Weight	Net Weight	kg	8.5	9.0	9.0	12.5	12.5	
	Shipping Weight	kg	10.0	10.5	10.5	14.5	14.4	
Dimensions	Net Dimensions (W x H x D)	mm	820*285*227	820*285*227	820*285*227	1065*298*243	1065*298*243	
	Shipping Dimensions (W x H x D)	mm	880*280*363	880*280*363	880*280*363	1128*299*378	1128*299*378	
Functions	Auto Restart	-	O	O	O	O	O	
	Auto Swing	-	O	O	O	O	O	
	Group/Individual Control	-	O	O	O	O	O	
	External Contact Control	-	O	O	O	O	O	
	Trouble Shooting by LED	-	O	O	O	O	O	
Standard Accessories	Installation Manual	-	O	O	O	O	O	
	Operation Manual	-	O	O	O	O	O	
	Pattern Sheet for Installation	-	X	X	X	X	X	
	Flexible Drain Hose	-	O	O	O	O	O	
	Filter / Safety Grille	-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	
Optional Accessories	Wireless Remote Controller	-	MR-EH00	MR-EH00	MR-EH00	MR-EH00	MR-EH00	
	Wired Remote Controller	Simplified	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N	
	External Contact Interface Module	-	MIM-B14	MIM-B14	MIM-B14	MIM-B14	MIM-B14	



- *1) Mode
- HP : Heat Pump, HR : Heat Recovery
- *2) Nominal cooling capacities are based on;
- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *3) Nominal heating capacities are based on;
- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Floor Standing Type

Model			AM036FNFDEH/EU	AM056FNFDEH/EU	AM071FNFDEH/EU
Power Supply			Ø,V,Hz	220 - 240 V~ 50Hz	220 - 240 V~ 50Hz
Mode				HP / HR	HP / HR
Performance	Capacity	Cooling	kW	3.6	5.6
			Btu/h	12,200	19,100
		Heating	kW	4.0	6.3
			Btu/h	13,600	21,400
Power	Running Current	Cooling	A	0.24 ^{*5)}	0.53 ^{*5)}
		Heating	A	0.24 ^{*5)}	0.53 ^{*5)}
	Input	Cooling	W	50.0 ^{*5)}	110.0 ^{*5)}
		Heating	W	50.0 ^{*5)}	110.0 ^{*5)}
Sound Level	Sound Pressure	dB	43.0	45.0	
FAN	Type		-	Sirocco	Sirocco
	Motor	Model	-	OS-KRD306(KR035)	OS-KRD306A(KR045)
Airflow Rate	Cooling(High)	m ³ /min	10.0 ^{*5)}	16.5 ^{*5)}	16.5 ^{*5)}
	Heating(High)	m ³ /min	11.0 ^{*5)}	19.0 ^{*5)}	19.0 ^{*5)}
Refrigerant	Type		-	R410	R410
	Control Method		-	EEV	EEV
Temperature Control			-	Micom & Thermistors	Micom & Thermistors
Safety Devices			-	Fuse	Fuse
Piping connections	Liquid(Flare)	Ø,mm	6.35	6.35	9.52
	Gas(Flare)	Ø,mm	12.70	12.70	15.88
	Drain	Ø,mm	ID18 HOSE	ID18 HOSE	ID18 HOSE
Weight	Net Weight	kg	23.0	28.5	28.5
	Shipping Weight	kg	27.0	33.3	33.3
Dimensions	Net Dimensions	mm	945x600x220	1225x600x220	1225x600x220
	Shipping Dimensions	mm	1035x690x310	1335x690x310	1335x690x310
Functions	Auto Restart		-	O	O
	Auto Swing		-	X	X
	Group/Individual Control		-	O	O
	External Contact Control		-	O	O
	Trouble Shooting by LED		-	O	O
Standard Accessories	Installation Manual		-	O	O
	Operation Manual		-	X	X
	Pattern Sheet for Installation		-	X	X
	Flexible Drain Hose		-	O	O
	Filter / Safety Grille		-	O	O
	Drain Pump (Pumping, Speed, Lift)	ℓ/h,mm		X	X
Optional Accessories	Wireless Remote Controller		-	X	X
	Wired Remote Controller		-	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	X	X



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Floor Standing Type

Model			AM036MNFDEH/EU	AM056MNFDEH/EU	AM071MNFDEH/EU	
Power Supply			Φ, #, V, Hz	1,2,220~240,50	1,2,220~240,50	
Mode			-	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling 2)	T1 (kW)	3.6	5.6	7.1
			T1 (Btu/h)	-	-	-
		Heating 2)	T1 (kW)	4.0	6.3	8.0
			T1 (Btu/h)	-	-	-
Power	Power Input (Nominal)	Cooling 1)	T1 (W)	22.0	42.0	42.0
		Heating 2)	T1 (W)	22.0	42.0	42.0
	Current Input (Nominal)	Cooling 1)	T1 (A)	0.2	0.37	0.37
		Heating 2)	T1 (A)	0.2	0.37	0.37
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor	Output x n	W	100 x 1	100 x 1	100 x 1
	Air Flow Rate	H/M/L (UL)	CMM	10.0/8.5/6.0	15.5/14.0/11.0	15.5/14.0/11.0
			l/s	-	-	-
	External Static Pressure	Standard (Min.~Max)	mmAq	0 (0~6)	0 (0~6)	0 (0~6)
Pa			-	-	-	
Fan Speed	Fan(H/M/L)	0 (Standard)	rpm±20	880/740/620	940/800/640	940/800/640
		3mmAq	rpm±20	1200/1040/880	1200/1040/880	1200/1040/880
		6mmAq	rpm±20	1380/1140/920	1420/1220/1020	1420/1220/1020
Piping Connections	Liquid Pipe	Φ,mm	6.35	6.35	9.52	
		Φ, inch	1/4"	1/4"	3/8"	
	Gas Pipe	Φ,mm	12.70	12.70	15.88	
		Φ, inch	1/2"	1/2"	5/8"	
Drain Pipe	Φ,mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE		
Field Wiring	Power Source Wire	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	
	Transmission Cable	mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	
Refrigerant	Type	-	R410A	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High	dB(A)	43	45	45
Dimensions	Net Weight		kg	22	27	27
	Shipping Weight		kg	27	32.5	32.5
	Net Dimensions (WxHxD)		mm	945 x 600 x 220	1225 x 600 x 220	1225 x 600 x 220
	Shipping Dimensions (WxHxD)		mm	1035 x 690 x 310	1335 x 690 x 310	1335 x 690 x 310
Functions	Auto Restart		-	O	O	O
	Auto Swing		-	X	X	X
	Group/Individual Control		-	O	O	O
	External Contact Control		-	O	O	O
	Trouble Shooting by LED		-	O	O	O
Standard Accessories	Installation Manual		-	O	O	O
	Operation Manual		-	X	X	X
	Pattern Sheet for Installation		-	X	X	X
	Flexible Drain Hose		-	O	O	O
	Filter / Safety Grille		-	O	O	O
Optional Accessories	Drain Pump (Pumping, Speed, Lift)	ℓ/h,mm		X	X	X
	Wireless Remote Controller		-	X	X	X
	Wired Remote Controller		-	MWR-WE10N	MWR-WE10N	MWR-WE10N
Option Code	External Contact Interface Module		-	X	X	X
	0	010054-1C5414-202424-330010	010054-1C5445-203838-330010	010054-1C5445-204747-330010	010054-1C5911-202424-330010	010054-1C5911-203838-330010
	3	010054-1C5911-202424-330010	010054-1C5911-203838-330010	010054-1C5911-204747-330010	010054-1C59A3-202424-330010	010054-1C59C8-203838-330010
6	010054-1C59A3-202424-330010	010054-1C59C8-203838-330010	010054-1C59C8-204747-330010			



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB




- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ ERV Plus

Item			Development Model		
			AM050FNKDEH/EU	AM100FNKDEH/EU	
Image	Product				
	Remote Controller		 MWR-WE10N		
Power Source Application	V/Hz/ø		220-240/50/1		
Function	Ventilation		HEAT-EX, BY-PASS, AUTO		
	Heating/Cooling		HEATING, COOLING, AUTO		
	Fan Speed		Turbo, High, Low, Quiet		
Performance	Air Volume	(m³/h)	500	1,000	
	External Static Pressure	(Pa)	160	150	
	Power Consumption	(W)	220	510	
	Temperature Exchange Rate	Cooling	(%)	70	70
		Heating	(%)	75	75
	Enthalpy Exchange Rate	Cooling	(%)	60	62
		Heating	(%)	73	75
	Cooling Capacity *():The heat reclaimed from the ERV	(kW)	5.1(1.5)	10.5(3.4)	
Heating Capacity *():The heat reclaimed from the ERV	(kW)	6.5(2.5)	13.2(5.2)		
Humidifier Capacity(Optional Kit)	(kg/h)	2.7	5.4		
Piping Connections	Liquid	Ø,mm	ø6.4 C1220T (Flare Connection)		
	Gas	Ø,mm	ø12.7 C1220T (Flare Connection)		
	Water Supply	mm	1/2 inch		
	Drain	mm	VP25		
Set Size	Weight	kg	61	90	
	Dimensions (WxHxD)	mm	1,553x270x1,000	1,763x340x1,135	
Operating Temp. Range	Around Unit	-	0~40°C DB, 80%RH ↓		
	OA	-	-15~40°C DB, 80%RH ↓		
	RA	-	0~40°C DB, 80%RH ↓		




*** Specifications may be subject to change without prior notice for product improvement.**

- *1) Nominal cooling capacities are based on;
- Indoor temperature : 27°C DB, 19°C WB - Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *2) Nominal heating capacities are based on;
- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *3) Humidifying capacity is based on;
- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *4) Sound pressure was acquired in an anechoic room.
Thus actual noise level may be different depending on the installation conditions.
- *5) OA: fresh air from outdoor. RA: return air from room.

Indoor Unit (cont.)

■ Hydro Unit


Type (Hydro Unit)					
Model			AM160FNBDEH/EU	AM320FNBDEH/EU	AM500FNBDEH/EU
Division			Cooling/Heating	Cooling/Heating	Cooling/Heating
Power Supply			1ø, 220-240V, 50Hz	1ø, 220-240V, 50Hz	1ø, 220-240V, 50Hz
Performance	Horse Power	HP	5	10	16
	Cooling	kW	14.0	28.0	44.8
		Kcal/h	12040	24080	38528
	Heating	kW	16.0	31.5	50.4
		Kcal/h	13760	27090	43344
Power	Running Current	A	0.05	0.05	0.05
	Input	W	10	10	10
Piping (Refrigerant)	Liquid	ø,mm	9.52	9.52	12.7
	Gas	ø,mm	15.9	22.2	28.58
Piping (Water)	Inlet/Outlet	A(Inch)	25A(PT1)	25A(PT1)	32A(PT 1-1/4)
	Max. Hydraulic	Mpa	1.0	1.0	1.0
Rated flow rate(Water Piping)		LPM	48	92	150
Set Size	Net Weight	kg	29	33	40
	Shipping Weight	kg	31	35	42
	Net Dimension(WxHxD)	mm	518X627X330	518X627X330	518X627X330
	Shipping Dimension(WxHxD)	mm	652X700X426	652X700X426	652X700X426



- 1) Nominal cooling capacities are based on;
 - Indoor temperature : 27°C DB, 19°C WB
 - Outdoor temperature : 35°C DB, 24°C WB, Rated flow standard : Temperature of the Outlet water 18 °C
- 2) Nominal heating capacities are based on;
 - Indoor temperature : 20°C DB, 15°C WB
 - Outdoor temperature : 7°C DB, 6°C WB, Rated flow standard : Temperature of the Outlet water 35 °C
- 3) Rated heating capacity : Outdoor temperature 7°C standard and outdoor temperature falls below zero, heating capacity can drop, depending on the temperature condition.
- 4) Equivalent refrigerant piping : 7.5m, Level differences : 0m

Indoor Unit (cont.)

■ Hydro unit HT

Type (Hydro Unit HT)						
Model			AM160FNBFEB/EU	AM250FNBFEB/EU	AM160FNBFGB/EU	AM250FNBFGB/EU
Division			Heating	Heating	Heating	Heating
Power Supply			1ø, 220-240V, 50Hz	1ø, 220-240V, 50Hz	3ø, 380-415V, 50Hz	3ø, 380-415V, 50Hz
Performance	Horse Power	HP	5	8	5	8
	Heating	kW	16.0	25.0	16.0	25.0
		Kcal/h	13760	21500	13760	21500
Power	Running Current	A	14.3	23.1	4.85	7.85
	Input	W	3,100	5,000	3,100	5,000
Refrigerant	Type	-	R-134a	R-134a	R-134a	R-134a
	Charging	kg	2.15	2.15	2.15	2.15
Piping (Refrigerant)	Liquid	ø,mm	9.52	9.52	9.52	9.52
	Gas	ø,mm	15.88	15.88	15.88	15.88
Piping(Water)	Inlet/Outlet	A(Inch)	25A(PT1)	25A(PT1)	25A(PT1)	25A(PT1)
	Max. Hydraulic	Mpa	1.0	1.0	1.0	1.0
Rated flow rate(Water Piping)		LPM	23	36	23	36
Set Size	Net Weight	kg	104	104	104	104
	Shipping Weight	kg	107	107	107	107
	Net Dimension(WxHxD)	mm	518x1,210x330	518x1,210x330	518x1,210x330	518x1,210x330
	Shippingt Dimension(WxHxD)	mm	652x1,289x426	652x1,289x426	652x1,289x426	652x1,289x426



- 1) Nominal heating capacities are based on;
 - Indoor temperature : 20°C DB, 15°C WB
 - Outdoor temperature : 7°C DB, 6°C WB, Rated flow standard : Temperature of the Outlet water 65°C
- 2) Rated heating capacity : Outdoor temperature 7°C standard and outdoor temperature falls below zero, heating capacity can drop, depending on the temperature condition.
- 3) Equivalent refrigerant piping : 7.5m, Level differences : 0m

Indoor Unit (cont.)

■ Wall Mounted type(A3050 With EEV)

Model				AM015JNVDKH/EU	AM022JNVDKH*	AM028JNVDKH*	AM036JNVDKH*
Power Supply			Φ,#,V,Hz	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50
Mode *1)				HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity	Cooling*2)	kW	1.5	2.2	2.8	3.6
			Btu/h	5,115	7,502	9,548	12,276
		Heating*3)	kW	1.7	2.5	3.2	4.0
			Btu/h	5,797	8,525	10,912	13,640
Power	Power Input	Cooling	W	14 *5)	15 *5)	16 *5)	20 *5)
		Heating	W	16 *5)	18 *5)	24 *5)	28 *5)
	Current Input	Cooling	A	0.12 *5)	0.13 *5)	0.13 *5)	0.15 *5)
		Heating	A	0.13 *5)	0.15 *5)	0.19 *5)	0.20 *5)
Fan	Motor	Type	-	Crossflow Fan Φ83*L552	Crossflow Fan Φ83*L552	Crossflow Fan Φ83*L552	Crossflow Fan Φ98*L633
		Output	W	27	27	27	27
		Number of unit		1	1	1	1
	Airflow Rate	Cooling(High)	m ³ /mim	4.40 *5)	4.50 *5)	5.70 *5)	7.10 *5)
		Heating(High)	m ³ /mim	5.80 *5)	6.00 *5)	8.50 *5)	10.00 *5)
Piping Connections	Liquid Pipe		Φ,mm	6.35	6.35	6.35	6.35
			Φ,inch	1/4"	1/4"	1/4"	1/4"
	Gas Pipe		Φ,mm	12.70	12.70	12.70	12.70
			Φ,inch	1/2"	1/2"	1/2"	1/2"
Drain Pipe		Φ,mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	
Field Wiring	Power Source Wire	Below 20m/ over 20m"	mm2	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm2	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure*4)	High/Mid/Low	dBa	28/25/24	33/29/25	36/31/26	37/33/29
Dimensions	Net Weight		kg	8.1	8.1	8.2	9.8
	Shipping Weight		kg	9.7	9.7	9.8	11.7
	Net Dimensions (W x H x D)		mm	750*250*242	750*250*242	750*250*242	826*275*260
	Shipping Dimensions (W x H x D)		mm	800*302*298	800*302*298	800*302*298	886*335*317
Functions	Auto Restart		-	O	O	O	O
	Auto Swing		-	O	O	O	O
	Group/Individual Control		-	O	O	O	O
	External Contact Control		-	O	O	O	O
	Trouble Shooting by LED		-	O	O	O	O
Standard Accessories	Installation Manual		-	O	O	O	O
	Operation Manual		-	O	O	O	O
	Pattern Sheet for Installation		-	X	X	X	X
	Flexible Drain Hose		-	O	O	O	O
	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)
	Wireless Remote Controller		-	MR-EH00	MR-EH00	MR-EH00	MR-EH00
Optional Accessories	Wireless Remote Controller		-	-	-	-	-
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	MIM-B14	MIM-B14	MIM-B14	MIM-B14



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Wall Mounted type(A3050 With EEV)

Model			AM045JNVDKH*	AM056JNVDKH*	AM071JNVDKH*	AM082JNVDKH*	
Power Supply			Φ,#,V,Hz	1,220~240,50	1,220~240,50	1,220~240,50	
Mode *1)				HP / HR	HP / HR	HP / HR	
Performance	Capacity	Cooling*2)	kW	4.5	5.6	7.1	8.2
			Btu/h	15,345	19,096	24,211	27,962
		Heating*3)	kW	5.0	6.3	8.0	8.5
			Btu/h	17,050	21,483	27,280	28,985
Power	Power Input	Cooling	W	31	27	41	55
		Heating	W	41	37	53	72
	Current Input	Cooling	A	0.24	0.21	0.31	0.42
		Heating	A	0.31	0.29	0.41	0.55
Fan	Motor	Type	-	Crossflow Fan Φ98*L633	Crossflow Fan Φ106*L830	Crossflow Fan Φ106*L830	Crossflow Fan Φ106*L830
		Output	W	27	27	27	27
		Number of unit		1	1	1	1
	Airflow Rate	Cooling(High)	m ³ /mim	9.30	11.80	14.80	17.30
		Heating(High)	m ³ /mim	12.60	15.00	18.00	20.40
Piping Connections	Liquid Pipe		Φ,mm	6.35	6.35	9.52	9.52
			Φ,inch	1/4"	1/4"	3/8"	3/8"
	Gas Pipe		Φ,mm	12.70	12.70	15.88	15.88
			Φ,inch	1/2"	1/2"	5/8"	5/8"
Drain Pipe		Φ,mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	
Field Wiring	Power Source Wire	Below 20m/ over 20m	mm2	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm2	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure*4)	High/Mid/Low	dBa	42/38/35	39/36/33	44/41/36	47/44/41
Dimensions	Net Weight		kg	9.8	14.6	14.6	14.6
	Shipping Weight		kg	11.7	17.0	17.0	17.0
	Net Dimensions (W x H x D)		mm	826*275*260	1063*317*294	1063*317*294	1063*317*294
	Shipping Dimensions (W x H x D)		mm	886*335*317	1123*384*354	1123*384*354	1123*384*354
Functions	Auto Restart		-	O	O	O	O
	Auto Swing		-	O	O	O	O
	Group/Individual Control		-	O	O	O	O
	External Contact Control		-	O	O	O	O
	Trouble Shooting by LED		-	O	O	O	O
Standard Accessories	Installation Manual		-	O	O	O	O
	Operation Manual		-	O	O	O	O
	Pattern Sheet for Installation		-	X	X	X	X
	Flexible Drain Hose		-	O	O	O	O
	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)
	Wireless Remote Controller		-	MR-EH00	MR-EH00	MR-EH00	MR-EH00
Optional Accessories	Wireless Remote Controller		-	-	-	-	
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	MIM-B14	MIM-B14	MIM-B14	MIM-B14



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Wall Mounted type(A3050 With EEV)

Model			AM015JNVDEH/TK	AM022JNVDEH/TK	AM028JNVDEH/TK	AM036JNVDEH/TK
Power Supply			Φ,#,V,Hz	1,220~240,50	1,220~240,50	1,220~240,50
Mode *1)				HP / HR	HP / HR	HP / HR
Performance	Capacity	Cooling*2)	kW	1.5	2.2	2.8
			Btu/h	5,115	7,502	9,548
		Heating*3)	kW	1.7	2.5	3.2
			Btu/h	5,797	8,525	10,912
Power	Power Input	Cooling	W	14	15	16
		Heating	W	16	18	24
	Current Input	Cooling	A	0.12	0.13	0.13
		Heating	A	0.13	0.15	0.19
Fan	Motor	Type	-	Crossflow Fan Φ83*L552	Crossflow Fan Φ83*L552	Crossflow Fan Φ83*L552
		Output	W	27	27	27
		Number of unit		1	1	1
	Airflow Rate	Cooling(High)	m ³ /mim	4.40	4.50	5.70
		Heating(High)	m ³ /mim	5.80	6.00	8.50
Piping Connections	Liquid Pipe		Φ,mm	6.35	6.35	6.35
			Φ,inch	1/4"	1/4"	1/4"
	Gas Pipe		Φ,mm	12.70	12.70	12.70
			Φ,inch	1/2"	1/2"	1/2"
Drain Pipe		Φ,mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	
Field Wiring	Power Source Wire	Below 20m/ over 20m"	mm2	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm2	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure*4)	High/Mid/Low	dBA	28/25/24	33/29/25	36/31/26
Dimensions	Net Weight		kg	8.1	8.1	8.2
	Shipping Weight		kg	9.8	9.8	9.9
	Net Dimensions (W x H x D)		mm	750*250*242	750*250*242	750*250*242
	Shipping Dimensions (W x H x D)		mm	800*302*298	800*302*298	800*302*298
Functions	Auto Restart		-	O	O	O
	Auto Swing		-	O	O	O
	Group/Individual Control		-	O	O	O
	External Contact Control		-	O	O	O
	Trouble Shooting by LED		-	O	O	O
Standard Accessories	Installation Manual		-	O	O	O
	Operation Manual		-	O	O	O
	Pattern Sheet for Installation		-	X	X	X
	Flexible Drain Hose		-	O	O	O
	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)
	Wireless Remote Controller		-	MR-EH00	MR-EH00	MR-EH00
Optional Accessories	Wireless Remote Controller		-	-	-	-
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	MIM-B14	MIM-B14	MIM-B14



- *1) Mode
- HP : Heat Pump, HR : Heat Recovery
- *2) Nominal cooling capacities are based on;
- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *3) Nominal heating capacities are based on;
- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Wall Mounted type(A3050 With EEV)

Model			AM045JNVDEH/TK	AM056JNVDEH/TK	AM071JNVDKH/TK	AM082JNVDEH/TK	
Power Supply			Φ,#,V,Hz	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50
Mode *1)				HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity	Cooling*2)	kW	4.5	5.6	7.1	8.2
			Btu/h	15,345	19,096	24,211	27,962
		Heating*3)	kW	5.0	6.3	8.0	8.5
			Btu/h	17,050	21,483	27,280	28,985
Power	Power Input	Cooling	W	31	27	41	55
		Heating	W	41	37	53	72
	Current Input	Cooling	A	0.24	0.21	0.31	0.42
		Heating	A	0.31	0.29	0.41	0.55
Fan	Motor	Type	-	Crossflow Fan Φ98*L633	Crossflow Fan Φ106*L830	Crossflow Fan Φ106*L830	Crossflow Fan Φ106*L830
		Output	W	27	27	27	27
		Number of unit		1	1	1	1
	Airflow Rate	Cooling(High)	m ³ /mim	9.30	11.80	14.80	17.30
		Heating(High)	m ³ /mim	12.60	15.00	18.00	20.40
Piping Connections	Liquid Pipe		Φ,mm	6.35	6.35	9.52	9.52
			Φ,inch	1/4"	1/4"	3/8"	3/8"
	Gas Pipe		Φ,mm	12.70	12.70	15.88	15.88
			Φ,inch	1/2"	1/2"	5/8"	5/8"
Drain Pipe		Φ,mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	
Field Wiring	Power Source Wire	Below 20m/ over 20m"	mm2	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm2	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure*4)	High/Mid/Low	dBa	42/38/35	39/36/33	44/41/36	47/44/41
Dimensions	Net Weight		kg	9.8	14.6	14.6	14.6
	Shipping Weight		kg	11.8	17.1	17.1	17.1
	Net Dimensions (W x H x D)		mm	826*275*260	1063*317*294	1063*317*294	1063*317*294
	Shipping Dimensions (W x H x D)		mm	886*335*317	1123*384*354	1123*384*354	1123*384*354
Functions	Auto Restart		-	O	O	O	O
	Auto Swing		-	O	O	O	O
	Group/Individual Control		-	O	O	O	O
	External Contact Control		-	O	O	O	O
	Trouble Shooting by LED		-	O	O	O	O
Standard Accessories	Installation Manual		-	O	O	O	O
	Operation Manual		-	O	O	O	O
	Pattern Sheet for Installation		-	X	X	X	X
	Flexible Drain Hose		-	O	O	O	O
	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)
	Wireless Remote Controller		-	MR-EH00	MR-EH00	MR-EH00	MR-EH00
Optional Accessories	Wireless Remote Controller		-	-	-	-	-
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	MIM-B14	MIM-B14	MIM-B14	MIM-B14



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Wall Mounted type(A3050 Without EEV)

Model				AM015JNADKH/EU	AM022JNADKH/EU	AM028JNADKH/EU	AM036JNADKH/EU
Power Supply			Φ,#,V,Hz	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50
Mode *1)				HP / HR	HP / HR	HP / HR	HP / HR
Performance	Capacity	Cooling*2)	kW	1.5	2.2	2.8	3.6
			Btu/h	5,115	7,502	9,548	12,276
		Heating*3)	kW	1.7	2.5	3.2	4.0
			Btu/h	5,797	8,525	10,912	13,640
Power	Power Input	Cooling	W	14	15	16	20
		Heating	W	16	18	24	28
	Current Input	Cooling	A	0.12	0.13	0.13	0.15
		Heating	A	0.13	0.15	0.19	0.20
Fan	Motor	Type	-	Crossflow Fan Φ83*L552	Crossflow Fan Φ83*L552	Crossflow Fan Φ83*L552	Crossflow Fan Φ98*L633
		Output	W	27	27	27	27
		Number of unit		1	1	1	1
	Airflow Rate	Cooling(High)	m ³ /mim	4.40	4.50	5.70	7.10
		Heating(High)	m ³ /mim	5.80	6.00	8.50	10.00
Piping Connections	Liquid Pipe		Φ,mm	6.35	6.35	6.35	6.35
			Φ,inch	1/4"	1/4"	1/4"	1/4"
	Gas Pipe		Φ,mm	12.70	12.70	12.70	12.70
			Φ,inch	1/2"	1/2"	1/2"	1/2"
Drain Pipe		Φ,mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	
Field Wiring	Power Source Wire	Below 20m/ over 20m"	mm2	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm2	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure*4)	High/Mid/Low	dBa	28/25/24	33/29/25	36/31/26	37/33/29
Dimensions	Net Weight		kg	7.9	7.9	8.0	9.5
	Shipping Weight		kg	9.5	9.5	9.6	11.4
	Net Dimensions (W x H x D)		mm	750*250*242	750*250*242	750*250*242	826*275*260
	Shipping Dimensions (W x H x D)		mm	800*302*298	800*302*298	800*302*298	886*335*317
Functions	Auto Restart		-	O	O	O	O
	Auto Swing		-	O	O	O	O
	Group/Individual Control		-	O	O	O	O
	External Contact Control		-	O	O	O	O
	Trouble Shooting by LED		-	O	O	O	O
Standard Accessories	Installation Manual		-	O	O	O	O
	Operation Manual		-	O	O	O	O
	Pattern Sheet for Installation		-	X	X	X	X
	Flexible Drain Hose		-	O	O	O	O
	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)
	Wireless Remote Controller		-	MR-EH00	MR-EH00	MR-EH00	MR-EH00
Optional Accessories	Wireless Remote Controller		-	-	-	-	-
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	MIM-B14	MIM-B14	MIM-B14	MIM-B14



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Wall Mounted type(A3050 Without EEV)

Model			AM045JNADKH/EU	AM056JNADKH/EU	AM071JNADKH/EU	AM082JNADKH/EU	
Power Supply			Φ,#,V,Hz	1,220~240,50	1,220~240,50	1,220~240,50	
Mode *1)				HP / HR	HP / HR	HP / HR	
Performance	Capacity	Cooling*2)	kW	4.5	5.6	7.1	8.2
			Btu/h	15,345	19,096	24,211	27,962
		Heating*3)	kW	5.0	6.3	8.0	8.5
			Btu/h	17,050	21,483	27,280	28,985
Power	Power Input	Cooling	W	31	27	41	55
		Heating	W	41	37	53	72
	Current Input	Cooling	A	0.24	0.21	0.31	0.42
		Heating	A	0.31	0.29	0.41	0.55
Fan	Motor	Type	-	Crossflow Fan Φ98*L633	Crossflow Fan Φ106*L830	Crossflow Fan Φ106*L830	Crossflow Fan Φ106*L830
		Output	W	27	27	27	27
		Number of unit		1	1	1	1
	Airflow Rate	Cooling(High)	m ³ /mim	9.30	11.80	14.80	17.30
		Heating(High)	m ³ /mim	12.60	15.00	18.00	20.40
Piping Connections	Liquid Pipe		Φ,mm	6.35	6.35	9.52	9.52
			Φ,inch	1/4"	1/4"	3/8"	3/8"
	Gas Pipe		Φ,mm	12.70	12.70	15.88	15.88
			Φ,inch	1/2"	1/2"	5/8"	5/8"
Drain Pipe		Φ,mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	
Field Wiring	Power Source Wire	Below 20m/ over 20m"	mm2	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm2	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure*4)	High/Mid/Low	dBa	42/38/35	39/36/33	44/41/36	47/44/41
Dimensions	Net Weight		kg	9.5	14.3	14.3	14.3
	Shipping Weight		kg	11.4	16.7	16.7	16.7
	Net Dimensions (W x H x D)		mm	826*275*260	1063*317*294	1063*317*294	1063*317*294
	Shipping Dimensions (W x H x D)		mm	886*335*317	1123*384*354	1123*384*354	1123*384*354
Functions	Auto Restart		-	O	O	O	O
	Auto Swing		-	O	O	O	O
	Group/Individual Control		-	O	O	O	O
	External Contact Control		-	O	O	O	O
	Trouble Shooting by LED		-	O	O	O	O
Standard Accessories	Installation Manual		-	O	O	O	O
	Operation Manual		-	O	O	O	O
	Pattern Sheet for Installation		-	X	X	X	X
	Flexible Drain Hose		-	O	O	O	O
	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)
	Wireless Remote Controller		-	MR-EH00	MR-EH00	MR-EH00	MR-EH00
Optional Accessories	Wireless Remote Controller		-	-	-	-	-
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	MIM-B14	MIM-B14	MIM-B14	MIM-B14



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Wall Mounted type (MAX With EEV)

Model				AM093MNQDEH/EU	AM093MNQDEH/TK
Power Supply			Φ,#,V,Hz	1,220~240,50	1,220~240,50
Mode *1)			-	HP / HR	HP / HR
Performance	Capacity	Cooling*2)	kW	9.3	9.3
			Btu/h	31,700	31,700
		Heating*3)	kW	9.8	9.8
			Btu/h	33,400	33,400
Power	Power Input	Cooling	W	66	66
		Heating	W	76	76
	Current Input	Cooling	A	0.47	0.47
		Heating	A	0.54	0.54
Fan	Type		-	Crossflow Fan Φ107*L485, 2EA	Crossflow Fan Φ107*L485, 2EA
	Motor	Type	-	BLDC	BLDC
		Output	W	58	58
		Number of unit	-	1	1
	Airflow Rate	Cooling(High)	m ³ /min	22.5	22.5
Heating(High)		m ³ /min	25.0	25.0	
Piping Connections	Liquid Pipe		Φ,mm	9.52	9.52
			Φ,inch	3/8"	3/8"
	Gas Pipe		Φ,mm	15.88	15.88
			Φ,inch	5/8"	5/8"
Drain Pipe		Φ,mm	ID 18 HOSE	ID 18 HOSE	
Field Wiring	Power Source Wire	Below 20m/ over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure*4)	Cooling/Heating	dBA	55/56	55/56
Dimensions	Net Weight		kg	18.5	18.5
	Shipping Weight		kg	22	22
	Net Dimensions (W x H x D)		mm	1280*345*253	1280*345*253
	Shipping Dimensions (W x H x D)		mm	1352*420*326	1352*420*326
Functions	Auto Restart		-	O	O
	Auto Swing		-	O	O
	Group/Individual Control		-	O	O
	External Contact Control		-	O	O
	Trouble Shooting by LED		-	O	O
Standard Accessories	Installation Manual		-	O	O
	Operation Manual		-	O	O
	Pattern Sheet for Installation		-	X	X
	Flexible Drain Hose		-	O	O
	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)
	Wireless Remote Controller		-	MR-EH00	MR-EH00
Optional Accessories	Wireless Remote Controller		-	-	-
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	MIM-B14	MIM-B14



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ Fresh Air Duct

Model			AM140JNEPEH/EU	AM220JNEPEH/EU	AM280JNEPEH/EU
Power Supply		Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode*1)			HP	HP	HP
Performance	Capacity	Cooling*2)	kW	14.0	28.0
			Btu/h	-	-
	Heating*3)	kW	8.9	17.4	17.4
		Btu/h	-	-	-
Condensate (with High fan speed)		Liters/h			
Power	Input		W	220	300
	Running Current		A	1.6	2.2
Sound Level	Sound Pressure (High/Low)*4)		dB(A)	48	52
Fan	Type		-	Sirocco Fan	Sirocco Fan
	Motor	Model	-		
		Type	-	BLDC	BLDC
		Output	W		
Airflow Rate	H/M/L		m3/min	18	28
	External Pressure	Min/Std/Max	mmAq	20	25
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV	EEV
Temperature Control			-	Micom&Thermistors	Micom&Thermistors
Safety Devices			-	Fuse	Fuse
Piping Connections	Liquid (Flare)		ø, mm	9.52	9.52
	Gas (Flare)		ø, mm	15.88	22.22
	Drain		ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Weight	Net Weight		kg	51	85
	Shipping Weight		kg	61	95
Dimensions	Net Dimensions (W x H x D)		mm	1110x390x650	1240x470x1040
	Shipping Dimensions (W x H x D)		mm	1335x512x829	1507x558x1155
Functions	Auto Restart		-	O	O
	Auto Swing		-	X	X
	Group/Individual Control		-	O	O
	External Contact Control		-	O	O
	Trouble Shooting by LED		-	O	O
Standard Accessories	Installation Manual		-	O	O
	Operation Manual		-	O	O
	Pattern Sheet for Installation		-	O	O
	Flexible Drain Hose		-	X	X
	Filter / Safety Grille		-	X	X
Optional Accessories	Wireless Remote Controller		-		
	DMS 2.0		-	MIM-D00AN	MIM-D00AN
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N
		EHS	-	MWR-WW00N	MWR-WW00N
	External Contact Interface Module		-	MIM-B14	MIM-B14
Drain Pump			MDP-N047SNC0D	ADP-N047SNC1D	



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ V-AHU

Model			V-AHU			
			AM012JNZDCH/AA	AM018JNZDCH/AA	AM024JNZDCH/AA	
Power Supply		Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	
Mode		-	HP, HR	HP, HR	HP, HR	
Performance	Capacity (Nominal)	Cooling	kW	-	-	
			Btu/h	12,000	18,000	24,000
		Heating	kW	-	-	-
			Btu/h	13,500	22,000	27,000
Power	Power Input (Nominal)	Cooling	W	64	94	144
		Heating	W	64	94	144
	Current Input (Nominal)	Cooling	A	0.49	0.74	1.12
		Heating	A	0.49	0.74	1.12
Fan	Motor	Type	-	ECM (ACTAP)	ECM (ACTAP)	ECM (ACTAP)
		Output x n	W	290 x 1	290 x 1	290 x 1
	Air Flow Rate	H/M/L (UL) @ Std ESP	CFM	373 / - / 320	531 / - / 467	706 / - / 630
			CMM	10.6 / - / 9.1	15.0 / - / 13.2	20.0 / - / 17.8
			l/s	-	-	-
	External Pressure	Min / Std / Max	in w.c.	0.1 / 0.4 / 0.5	0.1 / 0.4 / 0.7	0.1 / 0.4 / 0.7
mmAq			2.5 / 10 / 12.5	2.5 / 10 / 17.5	2.5 / 10 / 17.5	
Sound	Sound Pressure (Catalog)	High / Mid / Low	dB(A)	38 / - / -	39 / - / -	41 / - / -
	Sound Pressure	High / Mid / Low		43 / - / -	44 / - / -	47 / - / -
	Sound Power	Cooling		-	-	-
Refrigerant	Type	-	R-410A	R-410A	R-410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Piping Connections	Liquid Pipe	Φ,mm	-	-	-	
		Φ, inch	1/4	1/4	3/8	
	Gas Pipe	Φ,mm	-	-	-	
		Φ, inch	1/2	1/2	5/8	
Drain Pipe	Φ, inch	FPT 3/4"	FPT 3/4"	FPT 3/4"		
Dimensions	Net Weight	lbs	97	101	101	
		kg	44.0	45.8	45.8	
	Shipping Weight	lbs	106	110	110	
		kg	48.3	50.1	50.1	
	Net Dimensions (WxHxD)	inch	17 1/2 x 43 x 21	17 1/2 x 43 x 21	17 1/2 x 43 x 21	
		mm	445 x 1,092 x 533	445 x 1,092 x 533	445 x 1,092 x 533	
Shipping Dimensions (WxHxD)	inch	19 1/2 x 44 3/4 x 26 1/4	19 1/2 x 44 3/4 x 26 1/4	19 1/2 x 44 3/4 x 26 1/4		
	mm	493 x 1,135 x 665	493 x 1,135 x 665	493 x 1,135 x 665		
Panel Size	Panel model	-	-	-	-	
	Panel Net Weight	kg	-	-	-	
	Shipping Weight	kg	-	-	-	
	Net Dimensions (WxHxD)	mm	-	-	-	
	Shipping Dimensions (WxHxD)	mm	-	-	-	
Function	Auto Restart	-	○	○	○	
	Auto Swing	-	X	X	X	
	Group/Individual Control	-	○	○	○	
	External Contact Control	-	○	○	○	
	Trouble Shooting by LED	-	○	○	○	
Additional Accessories	Individual CONTROLLER	WIRED REMOTE	MWR-WE10N	MWR-WE10N(Optional)	MWR-WE10N(Optional)	MWR-WE10N(Optional)
		Simple Wired Remote Controller	MWR-SH00N	MWR-SH00N(Optional)	MWR-SH00N(Optional)	MWR-SH00N(Optional)
	Drain pump	Drain pump	- / model name	-	-	-
		Max. lifting Height / Displacement	mm / liter/h	-	-	-
	Air Filter	-	X	X	X	



- *1) Mode
- HP : Heat Pump, HR : Heat Recovery
- *2) Nominal cooling capacities are based on;
- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *3) Nominal heating capacities are based on;
- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ V-AHU

Model			V-AHU		
			AM030JNZDCH/AA	AM036JNZDCH/AA	AM048JNZDCH/AA
Power Supply		Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode		-	HP,HR	HP,HR	HP,HR
Performance	Capacity (Nominal)	Cooling	kW	-	-
			Btu/h	30,000	36,000
	Heating		kW	-	-
			Btu/h	34,000	40,000
Power	Power Input (Nominal)	Cooling	W	218	218
		Heating		218	218
	Current Input (Nominal)	Cooling	A	1.58	1.58
		Heating		1.58	1.58
Fan	Motor	Type	-	ECM (ACTAP)	ECM (ACTAP)
		Output x n	W	410 x 1	410 x 1
	Air Flow Rate	H/M/L (UL)	CFM	1,053 / - / 921	1,053 / - / 921
		@ Std ESP	CMM	29.8 / - / 26.1	29.8 / - / 26.1
			l/s	-	-
External Pressure	Min / Std / Max	in w.c.	0.1 / 0.4 / 1.0	0.1 / 0.4 / 1.0	
		mmAq	2.5 / 10 / 25.0	2.5 / 10 / 25.0	
Sound	Sound Pressure (Catalog)	High / Mid / Low	dB(A)	42 / - / -	42 / - / -
	Sound Pressure	High / Mid / Low		47 / - / -	47 / - / -
	Sound Power	Cooling		-	-
Refrigerant	Type		-	R-410A	R-410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED
Piping Connections	Liquid Pipe	Φ,mm	-	-	-
		Φ, inch	3/8	3/8	3/8
	Gas Pipe	Φ,mm	-	-	-
		Φ, inch	5/8	5/8	5/8
Drain Pipe	Φ, inch	FPT 3/4"	FPT 3/4"	FPT 3/4"	
Dimensions	Net Weight	lbs	120	126	
		kg	54.5	57.2	
	Shipping Weight	lbs	131	137	
		kg	59.3	62.0	
	Net Dimensions (WxHxD)	inch	21 x 48 x 21	21 x 48 x 21	24 1/2 x 58 3/4 x 21 3/4
		mm	533 x 1,219 x 533	533 x 1,219 x 533	622 x 1,492 x 553
Shipping Dimensions (WxHxD)	inch	23 1/4 x 51 1/2 x 26 1/4	23 1/4 x 51 1/2 x 26 1/4	26 1/2 x 62 1/2 x 27 1/4	
	mm	590 x 1,305 x 665	590 x 1,305 x 665	676 x 1,588 x 695	
Panel Size	Panel model		-	-	-
	Panel Net Weight		kg	-	-
	Shipping Weight		kg	-	-
	Net Dimensions (WxHxD)		mm	-	-
	Shipping Dimensions (WxHxD)		mm	-	-
Function	Auto Restart		-	○	○
	Auto Swing		-	X	X
	Group/Individual Control		-	○	○
	External Contact Control		-	○	○
	Trouble Shooting by LED		-	○	○
Additional Accessories	Individual CONTROLLER	WIRED REMOTE	MWR-WE10N	MWR-WE10N(Option)	MWR-WE10N(Option)
		Simple Wired Remote Controller	MWR-SH00N	MWR-SH00N(Option)	MWR-SH00N(Option)
	Drain pump	Drain pump	- / model name	-	-
		Max. lifting Height / Displacement	mm / liter/h	-	-
	Air Filter		-	X	X



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ V-AHU

Model			V-AHU			
			AM054JNZDCH/AA	AM060JNZDCH/AA	AM072JNZDCH/AA	
Power Supply		Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	
Mode		-	HP,HR	HP,HR	HP,HR	
Performance	Capacity (Nominal)	Cooling	kW	-	-	
			Btu/h	54,000	60,000	72,000
		Heating	kW	-	-	-
			Btu/h	60,000	64,000	80,000
Power	Power Input (Nominal)	Cooling	W	341	380	620
		Heating	W	341	380	620
	Current Input (Nominal)	Cooling	A	2.42	2.74	4.20
		Heating	A	2.42	2.74	4.20
Fan	Motor	Type	-	ECM (AC TAP)	ECM (AC TAP)	ECM (AC TAP)
		Output x n	W	590 x 1	590 x 1	950 x 1
	Air Flow Rate	H/M/L (UL) @ Std ESP	CFM	1,603 / - / 1,031	1,768 / - / 1,564	2,110 / - / 1,880
			CMM	45.4 / - / 29.5	50.1 / - / 44.3	59.8 / - / 53.3
			l/s	-	-	-
	External Pressure	Min / Std / Max	in w.c.	0.1 / 0.4 / 1.0	0.1 / 0.4 / 1.0	0.1 / 0.4 / 1.0
mmAq			2.5 / 10 / 25.0	2.5 / 10 / 25.0	2.5 / 10 / 25.0	
Sound	Sound Pressure (Catalog)	High / Mid / Low	dB(A)	43 / - / -	46 / - / -	50 / - / -
	Sound Pressure	High / Mid / Low		48 / - / -	51 / - / -	55 / - / -
	Sound Power	Cooling		-	-	-
Refrigerant	Type	-	R-410A	R-410A	R-410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Piping Connections	Liquid Pipe	Φ,mm	-	-	-	
		Φ, inch	3/8	3/8	3/8	
	Gas Pipe	Φ,mm	-	-	-	
		Φ, inch	3/4	3/4	3/4	
Drain Pipe	Φ, inch	FPT 3/4"	FPT 3/4"	FPT 3/4"		
Dimensions	Net Weight	lbs	169	180	182	
		kg	76.6	81.6	82.5	
	Shipping Weight	lbs	182	193	195	
		kg	82.5	87.5	88.4	
	Net Dimensions (WxHxD)	inch	24 1/2 x 58 3/4 x 21 3/4	24 1/2 x 58 3/4 x 21 3/4	24 1/2 x 58 3/4 x 21 3/4	
		mm	622 x 1,492 x 553	622 x 1,492 x 553	622 x 1,492 x 553	
Shipping Dimensions (WxHxD)	inch	26 1/2 x 62 1/2 x 27 1/4	26 1/2 x 62 1/2 x 27 1/4	26 1/2 x 62 1/2 x 27 1/4		
	mm	676 x 1,588 x 695	676 x 1,588 x 695	676 x 1,588 x 695		
Panel Size	Panel model	-	-	-	-	
	Panel Net Weight	kg	-	-	-	
	Shipping Weight	kg	-	-	-	
	Net Dimensions (WxHxD)	mm	-	-	-	
	Shipping Dimensions (WxHxD)	mm	-	-	-	
Function	Auto Restart	-	○	○	○	
	Auto Swing	-	X	X	X	
	Group/Individual Control	-	○	○	○	
	External Contact Control	-	○	○	○	
	Trouble Shooting by LED	-	○	○	○	
Additional Accessories	Individual CONTROLLER	WIRED REMOTE	MWR-WE10N	MWR-WE10N(Option)	MWR-WE10N(Option)	MWR-WE10N(Option)
		Simple Wired Remote Controller	MWR-SH00N	MWR-SH00N(Option)	MWR-SH00N(Option)	MWR-SH00N(Option)
	Drain pump	Drain pump	- / model name	-	-	-
		Max. lifting Height / Displacement	mm / liter/h	-	-	-
	Air Filter	-	X	X	X	



- *1) Mode
- HP : Heat Pump, HR : Heat Recovery
- *2) Nominal cooling capacities are based on;
- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *3) Nominal heating capacities are based on;
- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ V-AHU

Type			FLOOR STANDING	FLOOR STANDING	
Model			AM140JNPKH/TK	AM280JNPKH/TK	
Power Supply		Φ, #, V, Hz	1,2,208-230,50/60	1,2,220-240,50	
Mode		-	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling 2)	T1 (kW)	14.0	28.0
			T1 (Btu/h)	47800	95500
			T3 (kW)	12.5	24.5
			T3 (Btu/h)	42700	83600
		Heating 2)	T1 (kW)	16.0	31.5
			T3 (kW)	-	-
Power	Power Input (Nominal)	Cooling 1)	T1 (W)	190	955
			T3 (W)	190	955
		Heating 2)	T1 (W)	190	955
			T3 (W)	190	955
	Current Input (Nominal)	Cooling 1)	T1 (A)	0.9	4.73
			T3 (A)	0.9	4.73
Fan	Type	Type	-	Sirocco Fan	Sirocco Fan
	Motor	Output x n	W	154 x 1	700 x 1
	Air Flow Rate	H/M/L (UL)	CMM	35.0/30.5/27.5	70.0/60.0/50.0
			l/s	583.3/508.3/458.3	1,166.7/1,000.0/833.3
Piping Connections	Liquid Pipe		Φ,mm	9.52	9.52
			Φ, inch	3/8"	3/8"
	Gas Pipe		Φ,mm	15.88	22.22
			Φ, inch	5/8"	7/8"
	Drain Pipe		Φ,mm	ID 18 HOSE	VP25 (OD 32,ID 25)
Field Wiring	Power Source Wire		mm2	2.5	2.5
	Transmission Cable		mm2	VCTF 0.75 ~ 1.5	VCTF 0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High	dB(A)	58	61
Dimensions	Net Weight		kg	48	115.0
	Shipping Weight		kg	55	130.0
	Net Dimensions (W×H×D)		mm	610 x 1850 x 400	1100 x 1800 x 485
	Shipping Dimensions (W×H×D)		mm	705 x 1963 x 493	1177 x 1950 x 563
Panel Size	Panel model		-	-	-
	Panel Net Weight		kg	-	-
	Shipping Weight		kg	-	-
	Net Dimensions (W×H×D)		mm	-	-
	Shipping Dimensions (W×H×D)		mm	-	-
Additional Accessories	Drain pump	Drain pump	- / model name	-	-
		Max. lifting Height / Displacement	mm / liter/h	-	-
	Air Filter			-	-
Functions	Auto Restart		-	O	O
	Auto Swing		-	O	X
	Group/Individual Control		-	O	O
	External Contact Control		-	O	O
	Trouble Shooting by LED		-	-	-
Standard Accessories	Install Manual		-	O	O
	User Manual		-	O	O
	Pattern Sheet for Installation		-	X	X
	Flexible Drain Hose		-	X	X



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ OAP DUCT

Model			AM140MNEPEH/EU	AM220MNEPEH/EU	AM280MNEPEH/EU	
Power Supply			ø/V/Hz	1,220~240,50	1,220~240,50	
Mode*1)				HP	HP	
Performance	Capacity	Cooling*2)	kW	14.0	22.4	
			Btu/h	47,800	76,400	
		Heating*3)	kW	8.9	13.9	
			Btu/h	30,400	47,400	
	Condensate (with High fan speed)		Liters/h	-	-	
Power	Input		W	300	450	
	Running Current		A	2.2	3.5	
Sound Level	Sound Pressure (High/Low)*4)		dB(A)	42	46	
Fan	Type		-	Sirocco Fan	Sirocco Fan	
	Motor	Model	-	ZWS-183-BA02	DL-17860SSBA	
		Type	-	BLDC Nonfeedback	BLDC	
		Output	W	183	630	
Airflow Rate	H/M/L		m3/min	18	28	
	External Pressure	Standard(Min.~Max)	mmH2O	20(15~25)	23(18~29)	
Refrigerant	Type		-	R410	R410	
	Control Method		-	EDM EEV 4.0C	EDM EEV 6.4C	
Temperature Control			-	Micom&Thermistors	Micom&Thermistors	
Safety Devices			-	Fuse : 3.15A	Fuse : 5A/15A	
Piping Connections	Liquid (Flare)		ø, mm	9.52	9.52	
	Gas (Flare)		ø, mm	15.88	19.05	
	Drain		ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	
Weight	Net Weight		kg	49	81.5	
	Shipping Weight		kg	56	90.5	
Dimensions	Net Dimensions (W x H x D)		mm	1210*370*656	1360*460*910	
	Shipping Dimensions (W x H x D)		mm	1456*778*434	1612*519*984	
Functions	Auto Restart		-	O	O	
	Auto Swing		-	X	X	
	Group/Individual Control		-	O	O	
	External Contact Control		-	O	O	
	Trouble Shooting by LED		-	X	X	
Standard Accessories	Installation Manual		-	O	O	
	Operation Manual		-	O	O	
	Pattern Sheet for Installation		-	O	O	
	Flexible Drain Hose		-	O	O	
	Filter / Safety Grille		-	X	X	
Optional Accessories	Wireless Remote Controller		-	MR-DH00	MR-DH00	
	Duct Receiver Kits	Receiver	-	MRK-A10	MRK-A10	
		Receiver Wire	-	MRW-10A	MRW-10A	
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	
	External Contact Interface Module		-	MIM-B14	MIM-B14	
	Drain Pump				MDP-G075SQ (Internal installation)	MDP-G075SQ (Internal installation)
				-	MDP-G075SP (External installation)	MDP-G075SP (External installation)



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ EHS TDM PLUS - SLIM DUCT

Model			AE022MNLDEH/EU	AE028MNLDEH/EU	AE036MNLDEH/EU	AE056MNLDEH/EU	
Power Supply		øV/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	
Mode*1)			HP / HR	HP / HR	HP / HR	HP / HR	
Performance	Capacity	Cooling*2)	kW	2.2	2.8	3.6	5.6
			Btu/h	7,500	9,500	12,200	19,100
	Heating*3)	kW	2.5	3.2	4.0	6.3	
		Btu/h	8,500	10,900	13,600	21,400	
Condensate (with High fan speed)		Liters/h	0.80	1.12	1.28	2.39	
Power	Input	W	55	60	65	95	
	Running Current	A	0.3	0.32	0.33	0.53	
Sound Level	Sound Pressure *4)	dB(A)	37	37	37	43	
Fan	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
	Motor	Model	-	YSK95-28-4-B	YSK95-28-4-B	YSK95-28-4-B	YSK110-50-45M
		Type	-	Non Feedback SSR	Non Feedback SSR	Non Feedback SSR	Non Feedback SSR
		Output	W	*5)	*5)	*5)	*5)
Airflow Rate	Cooling (High)	m ³ /min	4	7.5	7.5	12.0	
	Heating (High)	m ³ /min	8.2	9.0	9.0	15.0	
	External Static Pressure	Standard (Min.-Max)	mmH ₂ O	1 (0~3)	1 (0~3)	1 (0~3)	2 (0~4)
Refrigerant	Type	-	R410A	R410A	R410A	R410A	
	Control Method	-	EEV	EEV	EEV	EEV	
Temperature Control		-	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	Micom & Thermistors	
Safety Devices		-	Fuse	Fuse	Fuse	Fuse	
Piping Connections	Liquid (Flare)	ø, mm	6.35	6.35	6.35	6.35	
	Gas (Flare)	ø, mm	12.7	12.7	12.7	12.7	
	Drain	ø, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
Weight	Net Weight	kg	19.0	19.0	19.5	23.5	
	Shipping Weight	kg	23.0	23.0	23.5	28.0	
Dimensions	Net Dimensions (W x H x D)	mm	700x199x600	700x199x600	700x199x600	900x199x600	
	Shipping Dimensions (W x H x D)	mm	950x270x710	950x270x710	950x270x710	1150x280x710	
Functions	Auto Restart	-	O	O	O	O	
	Auto Swing	-	X	X	X	X	
	Group/Individual Control	-	O	O	O	O	
	External Contact Control	-	O	O	O	O	
	Trouble Shooting by LED	-	X	X	X	X	
Standard Accessories	Installation Manual	-	O	O	O	O	
	Operation Manual	-	O	O	O	O	
	Pattern Sheet for Installation	-	X	X	X	X	
	Flexible Drain Hose	-	O	O	O	O	
	Filter / Safety Grille	-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	
	Drain Pump (Pumping speed, lift)	-	MR-BH01	MR-BH01	MR-BH01	MR-BH01	
Optional Accessories	Wireless Remote Controller	-	MR-DH00	MR-DH00	MR-DH00	MR-DH00	
	Duct Receiver Kits	Receiver	-	MRK-A10	MRK-A10	MRK-A10	MRK-A10
		Receiver Wire	-	MRW-10A	MRW-10A	MRW-10A	MRW-10A
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module			MIM-B14	MIM-B14	MIM-B14	MIM-B14
Drain Pump			MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ EHS TDM PLUS - GLOBAL DUCT(cont.)

Div.			AE071MNMPEH/EU	AE090MNMPEH/EU
Model		Europe	AM071HNMPKH/EU	AM090HNMPKH/EU
Basic Model		Europe	AC071HBMDKH/EU(CAC)	AC090HBMDKH/EU(CAC)
Power Supply		φ,V,Hz	1,220~240,50	1,220~240,50
Mode ¹⁾		-	HP / HR	HP / HR
Performance	Capacity	Cooling ²⁾	kW 92% ↑	7.1
		Heating ³⁾	kW 92% ↑	8.0
Power	Input Consumption (Cooling/Heating)		W 110% ↓	120/120
	Running Current (Cooling/Heating)		A 110% ↓	1.0/1.0
Indoor unit refrigerant adding amount		Kg/EA	0.22	0.31
Noise Level	开发spec		dB(A) ↓	47/47
	Catalogue 标示值		dB(A) ↓	37/33/29
Fan	Type		-	Sirocco Fan (Φ180*2ea)
	Motor	Model	-	SIC-70CW-F1153-2 (DB31-00639A)
		Type	-	BLDC feedback
		Output	W	153
Fan Speed	Fan(H/M/L)		rpm±20	1020/940/860
	Cooling (H/M/L)参考		Standard	1020/940/860
	Heating (H/M/L)参考		Standard	1020/940/860
Airflow Rate	Fan(H/M/L)		m ³ /min	22.00/19.00/16.00
	Cooling (High)参考		-	-
	Heating (High)参考		-	-
Refrigerant	Type		-	R410a
	Control Method		-	EDM EEV3.2c Sanhua
Temperature Control		-	Micom&Thermistors	Micom&Thermistors
Safety Devices		-	Fuse:5A	Fuse:5A
External Static Pressure	Standard(Min.~Max)		mmH2O	0-3-15
OPTION CODE	Standard Static Pressure	0 ≤ SP ≤ 2.5	Product	010054-1C548D-204747-331201
			Install	020010-100000-200000-300000
			Cycle	030000-100000-200000-300000
			Install 2	050000-100000-200000-300000
	All Static Pressure	0 ≤ SP ≤ 3 4 < SP ≤ 8 3 < SP ≤ 6 6 < SP ≤ 9 8 < SP ≤ 12 9 < SP ≤ 12 12 < SP ≤ 15	Product	010054-1C548D-204747-331201
			Product	-
			Product	010054-1C55E1-204747-331201
			Product	010054-1C5935-204747-331201
			Product	-
			Product	010054-1C5989-204747-331201
			Product	010054-1C59DF-204747-331201
			Product	010054-1C5AC8-205A5A-331212
Piping Connections	Liquid (Flare)	Φ,mm	9.52	
		Φ,inch	3/8	
	Gas (Flare)	Φ,mm	15.88	
		Φ,inch	5/8	
	Drain	Φ,mm	VP25 (OD 32, ID 25)	
		Φ,inch	-	
Weight	Net Weight		kg	25.5
	Shipping Weight		kg	30
Dimensions	Net Dimensions (W×H×D)		mm	850*250*700
			inch	-
	Shipping Dimensions (W×H×D)		mm	1064*320*784
			inch	-
HEX	Dimension		-	2R*39S*TP8.4*675mm
	Tube hair fin		-	H2.1(9hole)FMC 9.5mm,
	Fin		-	Louver, FP1.3
	Pass		-	4*4 Pass
Micom		-	DB91-01629A Version:140708 Checksum:E754	DB91-01629A Version:140708 Checksum:E754
LOADING QUANTITY	20ft		EA	98
	40ft		EA	210
	40ft JUMBO		EA	240
Panel Size	Model		Europe	-
	Net Weight		kg	-
	Shipping Weight		kg	-
	Net Dimensions (W×H×D)		mm	-
	Shipping Dimensions (W×H×D)		mm	-
Optional Accessories	Model		Europe	MDP-G075SQ (Internal installation) MDP-G075SP (External installation)
	Drain pump		In/Option	Option
	Max. lifting Height / Displacement		mm / liter/h	750mm, 24l/h



- *1) Mode
- HP : Heat Pump, HR : Heat Recovery
- *2) Nominal cooling capacities are based on;
- Indoor temperature : 27 °C DB, 19 °C WB - Outdoor temperature : 35 °C DB, 24 °C WB
- *3) Nominal heating capacities are based on;
- Indoor temperature : 20 °C DB, 15 °C WB - Outdoor temperature : 7 °C DB, 6 °C WB
- *4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- *5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ EHS TDM PLUS -Console type(cont.)

Model			AE022MNJDEH/EU	AE028MNJDEH/EU	AE036MNJDEH/EU	AE056MNJDEH/EU	
Power Supply		ø/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	
Mode*1)			HP / HR	HP / HR	HP / HR	HP / HR	
Performance	Capacity	Cooling*2)	kW	2.2	2.8	3.6	5.6
			Btu/h	7,500	9,600	12,300	19,100
	Heating*3)	kW	2.5	3.2	4.0	6.3	
		Btu/h	8,500	11,000	13,600	21,400	
Condensate (with High fan speed)		Liters/h	-	0.96	1.75	-	
Power	Input	W	16 ^{*5)}	30 ^{*5)}	35 ^{*5)}	62 ^{*5)}	
	Running Current	A	0.13 ^{*5)}	0.25 ^{*5)}	0.29 ^{*5)}	0.49 ^{*5)}	
Sound Level	Sound Pressure (Cooling / Heating)*4)		dB(A)	38/39	41/43	42/44	49/51
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor	Model	-	SIC-55CV-F137-2	SIC-55CV-F137-2	SIC-55CV-F137-2	SIC-55CV-F137-2
		Type	-	BLDC	BLDC	BLDC	BLDC
		Output	W	37	37.0	37.0	37.0
Airflow Rate	Cooling (High)	m ³ /min	5.8	7.76 ^{*5)}	8.67 ^{*5)}	13.0 ^{*5)}	
	Heating (High)	m ³ /min	6.3	7.22 ^{*5)}	8.89 ^{*5)}	13.5 ^{*5)}	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	
	Control Method	-	EEV	EEV	EEV	EEV	
Temperature Control		-	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	Micom&Thermistors	
Safety Devices		-	Fuse	Fuse	Fuse	Fuse	
Piping Connections	Liquid (Flare)	ø, mm	6.35	6.35	6.35	6.35	
	Gas (Flare)	ø, mm	12.7	12.7	12.7	12.7	
	Drain	ø, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	
Weight	Net Weight	kg	16.0	16.0	16.0	16.0	
	Shipping Weight	kg	21.0	21.0	21.0	21.0	
Dimensions	Net Dimensions (W x H x D)	mm	720x620x199	720x620x199	720x620x199	720x620x199	
	Shipping Dimensions (W x H x D)	mm	810x710x295	810x710x295	810x710x295	810x710x295	
Functions	Auto Restart	-	O	O	O	O	
	Auto Swing	-	O	O	O	O	
	Group/Individual Control	-	O	O	O	O	
	External Contact Control	-	O	O	O	O	
	Trouble Shooting by LED	-	O	O	O	O	
Standard Accessories	Installation Manual	-	O	O	O	O	
	Operation Manual	-	O	O	O	O	
	Pattern Sheet for Installation	-	X	X	X	X	
	Flexible Drain Hose	-	O	O	O	O	
	Filter / Safety Grille	-	Filter (Washable)	Filter (Washable)	Filter (Washable)	Filter (Washable)	
Wireless Remote Controller	-	ARH-1378 (DB93-07547B)	ARH-1378 (DB93-07547B)	ARH-1378 (DB93-07547B)	ARH-1378 (DB93-07547B)		
Optional Accessories	Wireless Remote Controller	-	MR-DH00	MR-DH00	MR-DH00	MR-DH00	
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N	
	External Contact Interface Module	-	MIM-B14	MIM-B14	MIM-B14	MIM-B14	



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ EHS TDM PLUS -Wall Monuted type(cont.)

Model			AE022MNADEH/EU	AE028MNADEH/EU	AE036MNADEH/EU	
Power Supply			Φ,#,V,Hz	1,220~240,50	1,220~240,50	1,220~240,50
Mode *1)				HP / HR	HP / HR	HP / HR
Performance	Capacity	Cooling*2)	kW	2.2	2.8	3.6
			Btu/h	7,502	9,548	12,276
		Heating*3)	kW	2.5	3.2	4.0
			Btu/h	8,525	10,912	13,640
Power	Power Input	Cooling	W	15 *5)	16 *5)	20 *5)
		Heating	W	18 *5)	24 *5)	28 *5)
	Current Input	Cooling	A	0.13 *5)	0.13 *5)	0.15 *5)
		Heating	A	0.15 *5)	0.19 *5)	0.20 *5)
Fan	Motor	Type	-	Crossflow Fan Φ83*L552	Crossflow Fan Φ83*L552	Crossflow Fan Φ98*L633
		Output	W	27	27	27
		Number of unit		1	1	1
	Airflow Rate	Cooling(High)	m ³ /min	4.50 *5)	5.70 *5)	7.10 *5)
		Heating(High)	m ³ /min	6.00 *5)	8.50 *5)	10.00 *5)
Piping Connections	Liquid Pipe		Φ,mm	6.35	6.35	6.35
			Φ,inch	1/4"	1/4"	1/4"
	Gas Pipe		Φ,mm	12.70	12.70	12.70
			Φ,inch	1/2"	1/2"	1/2"
	Drain Pipe		Φ,mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE
Field Wiring	Power Source Wire	Below 20m/ over 20m"	mm2	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm2	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure*4)	High/Mid/Low	dBa	33/29/25	36/31/26	37/33/29
Dimensions	Net Weight		kg	8.1	8.2	9.8
	Shipping Weight		kg	9.7	9.8	11.7
	Net Dimensions (W x H x D)		mm	750*250*242	750*250*242	826*275*260
	Shipping Dimensions (W x H x D)		mm	800*302*298	800*302*298	886*335*317
Functions	Auto Restart		-	O	O	O
	Auto Swing		-	O	O	O
	Group/Individual Control		-	O	O	O
	External Contact Control		-	O	O	O
	Trouble Shooting by LED		-	O	O	O
Standard Accessories	Installation Manual		-	O	O	O
	Operation Manual		-	O	O	O
	Pattern Sheet for Installation		-	X	X	X
	Flexible Drain Hose		-	O	O	O
	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)	Filter (Washable)
	Wireless Remote Controller		-	MR-EH00	MR-EH00	MR-EH00
Optional Accessories	Wireless Remote Controller		-	-	-	-
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	MIM-B14	MIM-B14	MIM-B14



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

*5) Specifications may be subject to change without prior notice for product improvement.

Indoor Unit (cont.)

■ EHS TDM PLUS -Wall Monuted type(cont.)

Model				AE056MNADEH/EU	AE071MNADEH/EU
Power Supply			Φ, #, V, Hz	1,220~240,50	1,220~240,50
Mode *1)				HP / HR	HP / HR
Performance	Capacity	Cooling*2)	kW	5.6	7.1
			Btu/h	19,096	24,211
		Heating*3)	kW	6.3	8.0
			Btu/h	21,483	27,280
Power	Power Input	Cooling	W	27	41
		Heating	W	37	53
	Current Input	Cooling	A	0.21	0.31
		Heating	A	0.29	0.41
Fan	Motor	Type	-	Crossflow Fan Φ106*L830	Crossflow Fan Φ106*L830
		Output	W	27	27
		Number of unit		1	1
	Airflow Rate	Cooling(High)	m ³ /mim	11.80	14.80
		Heating(High)	m ³ /mim	15.00	18.00
	Piping Connections	Liquid Pipe		Φ,mm	6.35
Φ,inch				1/4"	3/8"
Gas Pipe		Φ,mm	12.70	15.88	
		Φ,inch	1/2"	5/8"	
Drain Pipe		Φ,mm	ID 18 HOSE	ID 18 HOSE	
Field Wiring	Power Source Wire	Below 20m/ over 20m	mm2	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm2	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure*4)	High/Mid/Low	dBa	39/36/33	44/41/36
Dimensions	Net Weight		kg	14.6	14.6
	Shipping Weight		kg	17.0	17.0
	Net Dimensions (W x H x D)		mm	1063*317*294	1063*317*294
	Shipping Dimensions (W x H x D)		mm	1123*384*354	1123*384*354
Functions	Auto Restart		-	O	O
	Auto Swing		-	O	O
	Group/Individual Control		-	O	O
	External Contact Control		-	O	O
	Trouble Shooting by LED		-	O	O
Standard Accessories	Installation Manual		-	O	O
	Operation Manual		-	O	O
	Pattern Sheet for Installation		-	X	X
	Flexible Drain Hose		-	O	O
	Filter / Safety Grille		-	Filter (Washable)	Filter (Washable)
	Wireless Remote Controller		-	MR-EH00	MR-EH00
Optional Accessories	Wireless Remote Controller		-	-	-
	Wired Remote Controller	Simplified	-	MWR-WE10N	MWR-WE10N
	External Contact Interface Module		-	MIM-B14	MIM-B14



*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB



















- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

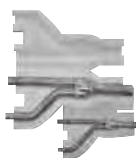













*5) Specifications may be subject to change without prior notice for product improvement.



















2-2 Accessory and Option Specifications

2-2-1 Accessories

Classification		Product	Model	Image	Application model
Integrated management system	Controller	DMS 2	MIM-D00AN		DVM Series, FJM, CAC, ERV Hydro unit, Hydro unit HT
		S-NET 3	MST-P3P		DVM Series, FJM, CAC, ERV Hydro unit, Hydro unit HT
	Interface Module	SIM MIM-	MIM-B12N		DVM Series, FJM
Centralized control system	Controller	Centralized controller	MCM-A202DN		DVM Series, FJM, CAC, ERV Hydro unit, Hydro unit HT
		Operation mode selection switch	MCM-C200		DVM Series (Except HR models)
		New touch CONTROLLER	MCM-A300N		
Individual control system ControllerController	Wireless remote controller	MR-DH00			Cassette, Duct (Receiver needed)
		MR-EH00			Cassette, Duct (Receiver needed)
		MR-KH00			360 cassette
	Wired remote controller (Multi function)	MWR-WE10N			Cassette, Wall-mounted, Ceiling, Duct, Console, ERV
		MWR-WW00N			Hydro unit / Hydro unit HT
	Wireless signal receiver	MRK-A10			Duct (For wireless remote controller)
	Remote sensor	MRW-TA			Cassette, Wall-mounted, Ceiling, Duct, Console
	ERV CO2 Sensor	MOS-C1			ERV, ERV PLUS
Building management system	Lonworks interface module	MIM-B18N			DVM Series, FJM, CAC, ERV
	DMS-Bnet (BACnet)	MIM-B17N			DVM Series, FJM Hydro unit, Hydro unit HT
Guest room management system	External contact interface module	MIM-B14			Mini DVM(R-410A), DVM PLUS III, FJM
Power distribution			MIM-B16N		DVM Series, FJM
Converter			MIM-C02N		DVM Series, FJM, CAC
			MIM-N00		
Multi Tenant Function Controller			MCM-C210		

※ DVM Series : DVM mini, DVM PLUS III, DVM PLUS III HR, DVM PLUS IV, DVM PLUS IV HR

Classification	Feature	Model	Description	Relevant unit	Remark	
Y-JOINT		MXJ-YA1509M	15.0 kW and below	DVMS HP / HR	Requisite	
		MXJ-YA2512M	Over 15.0 ~ 40.6 kW and below			
		MXJ-YA2812M	Over 40.6 ~ 46.4 kW and below			
		MXJ-YA2815M	Over 46.4 ~ 69.6 kW and below			
		MXJ-YA3419M	Over 69.6 ~ 98.6 kW and below			
		MXJ-YA4119M	Over 98.6 ~ 139.2 kW and below			
		MXJ-YA4422M	Over 139.2 kW			
Y-joint(High Pressure Gas) for DVM S HR		MXJ-YA1500M	23.2 kW and below	DVMS HR	Requisite	
		MXJ-YA2500M	Over 23.2 ~ 69.6 kW and below			
		MXJ-YA3100M	Over 69.6 ~ 139.2 kW and below			
		MXJ-YA3800M	Over 139.2 kW			
Outdoor joint (Outdoor Connection)		MXJ-TA3819M	Below 48 HP	DVMS HP / HR	Requisite	
		MXJ-TA4422M	Over 50 HP			
Outdoor joint (High Pressure Gas) for DVM S HR		MXJ-TA3100M	Below 48 HP	DVMS HR	Requisite	
		MXJ-TA3800M	Over 50 HP			
Header joint		MXJ-HA2512M	Below 46.4 kW	DVMS HP / HR	Requisite	
		MXJ-HA3115M	Below 69.6 kW			
		MXJ-HA3819M	Over 69.7 kW			
EEV kits		MXD-E13K116A	Below 3.6 kW (1 Room) + 5.6 kW ~9.0 kW (1Room)	Wall-mounted & Ceiling indoor unit (For 2 indoor units)	Option	
		MXD-E13K200A	Below 3.6 kW (2 Rooms)			
		MXD-E16K200A	5.6 kW~9.0 kW (2Rooms)			
		MXD-E22K200A	Over 9.0 kW (2Rooms)			
		MXD-E13K216A	Below 3.6 kW (2 Rooms) + 5.6 kW ~9.0 kW (1Room)	Wall-mounted & Ceiling indoor unit (For 3 indoor units)		
		MXD-E13K300A	Below 3.6 kW (3 Rooms)			
		MXD-E16K213A	Below 3.6 kW (1 Room) + 5.6 kW ~9.0 kW (2Rooms)			
		MXD-E16K300A	5.6 kW ~ 9.0 kW (3Rooms)	Wall-mounted & Ceiling indoor unit (for single unit)		
		MEV-E13SA	Below 3.6 kW (1 Room)			
		MEV-E16SA	5.6 kW ~ 9.0 kW (1Room)			
Drain Pump		MDP-N047SNC1D	HSP Duct 22.0/28.0kW	-	Option	
			MDP-M075SGU1D	MSP Duct (9.0/11.2) kW		-
			MDP-M075SGU2D	MSP Duct (12.8/14.0) kW HSP Duct (11.2/12.8/14.0) kW		
	MDP-M075SGU3D		MSP Duct (5.6/7.1) kW			
		MDP-E075SEE3D	SlimDuct (1.7~14.0) kW	-		
			MDP-G075SQ (Internal installation)	Global Duct GD-S Big Duct		-
						-
						MDP-G075SP (External installation)

Classification	Feature	Model	Description	Relevant unit	Remark
MCU		MCU-S4NEE1N	Below 4 indoor units	DVMS HR	Requisite (HR Only)
		MCU-S6NEE1N	Below 2 large capacity ducts		
		MCU-S4NEE2N	Below 6 indoor units		
AHU KIT		MXD-K025AN	7.0kW~8.75kW	-	Option
		MXD-K050AN	14.0kW~17.5kW		
		MXD-K075AN	21.0kW~26.25kW		
		MXD-K100AN	28.0kW~35.0kW		
PDM KIT		MXD-A38K2A	8~12HP	DVMS	Option
		MXD-A58K2A	14~22HP		
Humidifier		MVO-VA050100	500CMH	-	Option
		MVO-VA100100	1000CMH		
S-Plasma Ion KIT		MSD-CAN1	4way Cassette	-	Option
		MSD-EAN1	ERV-Plus		
Motion detect sensor		MCR-SMA	4way Cassette	-	Option
Front panel		PC1MWSKAN	Slim 1way cassette	-	Requisite
		PC1NWSMAN	Slim 1way cassette		
		PC1BWSMAN	Slim 1way cassette		
		PC1NUSMAN	Slim 1way cassette		
		PC1NUPMAN	Slim 1way cassette		
		PC2NUSMEN	2 way cassette		
		PC4SUSMAN	Mini 4way cassette		
		PC4SYSTEMEN	Mini 4way cassette		
		PC4NUSKAN	4 way cassette		
		PC4NUSKEN	4 way cassette		
		PC4NBSKAN	4 way cassette		
		PC4NUDMAN	360 cassette		
		PC4NUNMAN	360 cassette		