

4Way Cassette (600x600)

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Features & Benefits

4Way Cassette (600 x 600)

Add chic flair to your interior design with a stylish yet powerful AC system

Samsung's advanced 4Way Cassette (600 x 600) builds on the aesthetic appeal and performance of the standard 4Way Cassette with an enhanced design. The 4Way Cassette (600 x 600) comes in a variety of patterns to complement any interior. The stylish cassette unit visually harmonizes with the indoor space, while efficient cooling and heating performance make it a dependable and practical air conditioning solution.



The 4Way Cassette (600 x 600) indoor air conditioning system provides high-performance heating and cooling in an elegant design with features such as:

- **Tasteful design and compact, lightweight build.** Create a polished ambiance with a discreetly sized design and a choice of attractive panel patterns.
- **Enhanced comfort control.** Optimize comfort and save energy with optional motion detection.
- **Low maintenance and powerful airflow.** Ease installation and maintenance and maximize airflow with an efficient design and robust performance.

4Way Cassette (600 x 600) - Tasteful design, Compact, Lightweight build

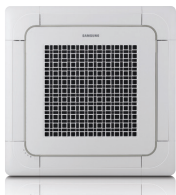
Refine the interior with an elegant, compact design

The enhanced Samsung 4Way Cassette (600 x 600) indoor air conditioner features a selection of simple panel patterns to blend seamlessly into any interior design. Its uniquely lightweight frame blends effortlessly and beautifully into any décor, while clever blade construction keeps the unit clean for a tidy appearance.

Attractive panel and display

The 4Way Cassette (600 x 600) features a fashionable panel with a simple, beveled corner design. The rounded panel frame promotes a neat, tidy look for an aesthetic flair that blends perfectly with any ambience.

Waffle Pattern



Classic Pattern



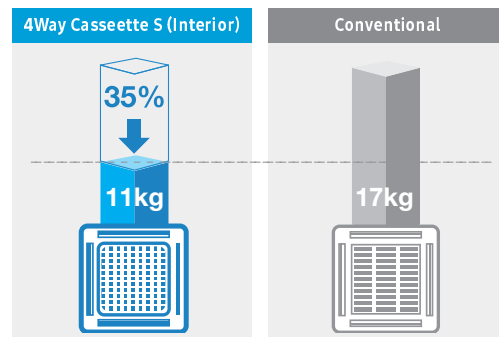
Ultra-compact size

Samsung's 4Way Cassette (600 x 600) air conditioner can be installed on a single standard ceiling tile (600W x 600D) which helps minimize installation time and effort.



Light, robust design

The Samsung 4Way Cassette (600 x 600) indoor unit is now lighter in weight at 11kg. It is the lightest indoor unit in the industry, about 35 percent lighter than our conventional products.



*Based on 3.5kW

1. Specification

4Way Cassette (600x600)

1.05 / 2.19	Model Name	Indoor Unit		AC026MNNDKH/EU	AC035MNNDKH/EU	AC052MNNDKH/EU		
		Outdoor Unit		AC026MXADKH/EU	AC035MXADKH/EU	AC052MXADKH/EU		
	Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	
	Performance	Capacity	Cooling (Min/Std/Max)	kW	1.00 / 2.60 / 3.40	1.00 / 3.50 / 4.00	1.30 / 5.00 / 5.90	
				Btu/h	3,400 / 8,900 / 11,600	3,400 / 11,900 / 13,600	4,400 / 17,100 / 20,100	
			Heating (Min/Std/Max)	kW	0.98 / 3.40 / 4.10	1.00 / 4.00 / 4.80	1.30 / 5.50 / 7.50	
				Btu/h	3,300 / 11,600 / 14,000	3,400 / 13,600 / 16,400	4,400 / 18,800 / 22,600	
	Power	Power Input	Cooling (Min/Std/Max)	kW	0.24 / 0.68 / 1.20	0.24 / 1.09 / 1.50	0.31 / 1.53 / 2.10	
			Heating (Min/Std/Max)	kW	0.20 / 0.90 / 1.45	0.19 / 1.20 / 1.80	0.35 / 1.52 / 2.40	
		Current Input	Cooling (Min/Std/Max)	A	1.60 / 3.80 / 5.50	1.60 / 5.60 / 7.50	2.60 / 6.90 / 9.50	
			Heating (Min/Std/Max)	A	1.30 / 4.80 / 7.00	1.30 / 5.80 / 10.50	2.90 / 6.90 / 11.00	
		Current	MCA	A	11	11	21	
			MFA	A	12.5	12.5	25	
	Efficiency	EER	Cooling	W/W	3.82	3.21	3.27	
		COP	Heating	W/W	3.78	3.92	3.62	
		SEER (Cooling Energy Grade)		W/W	6.9 (A++)	6.8 (A++)	6.5 (A++)	
		SCOP (Heating Energy Grade)		W/W	4.3 (A+)	4.3 (A+)	4.1 (A+)	
		Pdesignh		kW	2.1	2.1	2.6	
	Piping Connections	Liquid Pipe	Type		Flare connection	Flare connection	Flare connection	
			Φ, mm		6.35	6.35	6.35	
			Φ, inch		1/4	1/4	1/4	
		Gas Pipe	Type		Flare connection	Flare connection	Flare connection	
			Φ, mm		9.52	9.52	12.7	
			Φ, inch		3/8	3/8	1/2	
		Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes	
		Piping length (ODU-IDU)	Standard		m	5	5	5
			Max.		m	20	20	30
			Elevation		m	15	15	20
	Chargeless		m	20	20	5		
	Wiring connections	Power Source Wire		mm ²	-	-	-	
		Transmission Cable		mm ²	Min. 0.75	Min. 0.75	Min. 0.75	
		Remark		-	F1, F2	F1, F2	F1, F2	
		Power supply intake		-	Both indoor and outdoor unit	Both indoor and outdoor unit	Both indoor and outdoor unit	
Refrigerant	Type		-	R410A	R410A	R410A		
	Factory Charging		kg / tCO ₂ e	1.05 / 2.19	1.05 / 2.19	1.3 / 2.71		

1. Specification

4Way Cassette (600x600)

1.05 / 2.19	Model Name	Indoor Unit		AC026MNNDKH/EU	AC035MNNDKH/EU	AC052MNNDKH/EU		
		Outdoor Unit		AC026MXADKH/EU	AC035MXADKH/EU	AC052MXADKH/EU		
	Power Supply			Ø, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	
	Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube	
		Material	Fin	-	Al	Al	Al	
			Tube	-	Cu	Cu	Cu	
	Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	
		Quantity		EA	1	1	1	
		Air Flow Rate	High/Mid/Low	CMM	8.0 / 7.0 / 6.0	9.2 / 8.0 / 6.4	10.5 / 9.5 / 8.5	
				l/s	133.3 / 116.7 / 100.0	153.3 / 133.3 / 106.7	175.0 / 158.3 / 141.7	
		External Static Pressure	Min/Std/Max	mmAq	-	-	-	
	Pa			-	-	-		
	Fan Motor	Output		W x n	65 x 1	65 x 1	65 x 1	
	Drain	Drain Pipe		Φ, mm	VP-25(OD32, ID25)	VP-25(OD32, ID25)	VP-25(OD32, ID25)	
	Sound	Sound Pressure Level	High/Mid/Low/(Silent)	dB(A)	31 / 28 / 25	34 / 30 / 25	39 / 34 / 29	
		Sound Power Level		dB(A)	48	50	56	
	External Dimension	Net Weight		kg	11.4	11.4	11.6	
		Shipping Weight		kg	13.7	13.7	14	
		Net Dimensions (WxHxD)		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	
		Shipping Dimensions (WxHxD)		mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	
	Casing	Material		-	Polypropylene	Polypropylene	Polypropylene	
	Indoor Unit	Panel (1)	Model Name		-	PC4SUSMBN	PC4SUSMBN	PC4SUSMBN
			Type		-	Waffle Type	Waffle Type	Waffle Type
			Material		-	HIPS	HIPS	HIPS
			Color		-	Victory gray	Victory gray	Victory gray
			Net Weight		kg	2.3	2.3	2.3
			Shipping Weight		kg	3.5	3.5	3.5
			Net Dimensions (WxHxD)		mm	620 x 45 x 620	620 x 45 x 620	620 x 45 x 620
			Shipping Dimensions (WxHxD)		mm	661 x 106 x 671	661 x 106 x 671	661 x 106 x 671
	Panel (2)	Model Name		-	PC4SUSMFN	PC4SUSMFN	PC4SUSMFN	
		Type		-	Stripe Type	Stripe Type	Stripe Type	
		Material		-	HIPS	HIPS	HIPS	
		Color		-	Victory gray	Victory gray	Victory gray	
		Net Weight		kg	2.3	2.3	2.3	
		Shipping Weight		kg	3.5	3.5	3.5	
		Net Dimensions (WxHxD)		mm	620 x 45 x 620	620 x 45 x 620	620 x 45 x 620	
		Shipping Dimensions (WxHxD)		mm	661 x 106 x 671	661 x 106 x 671	661 x 106 x 671	
	Control System	Infrared remote control		-	MR-EH00	MR-EH00	MR-EH00	
	Control System	Wired remote control		-	MWR-WE10N / MWR-WE11N	MWR-WE10N / MWR-WE11N	MWR-WE10N / MWR-WE11N	
	Drain Pump	Drain Pump		-	Included	Included	Included	
		Max. lifting Height / Displacement		mm / Liter/h	750/24	750/24	750/24	
	Additional Accessories	Drain Pump	External Model		-	-	-	
			Internal Model		-	-	-	
			Max. lifting Height / Displacement		mm / Liter/h	-	-	-
		Air Filter		-	Removable / Washable	Removable / Washable	Removable / Washable	
		Virus Doctor		-	Option	Option	Option	

1. Specification

4Way Cassette (600x600)

1.05 / 2.19	Model Name	Indoor Unit		AC026MNNDKH/EU	AC035MNNDKH/EU	AC052MNNDKH/EU	
		Outdoor Unit		AC026MXADKH/EU	AC035MXADKH/EU	AC052MXADKH/EU	
	Power Supply		Ø, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	
Heat Exchanger	Type			-	Fin & Tube	Fin & Tube	
	Material	Fin			-	Al	Al
		Tube			-	Cu	Cu
Fin Treatment			-	Anti-Corrosion	Anti-Corrosion	Hybrid Coating	
Compressor	Model Name			UG9AJ3090FER	UG9AJ3090FER	UG9TK3150FE4	
	Output			kW	0.83	0.83	
	Oil	Type			-	POE	POE
Initial charge				cc	320	320	
Fan	Type			-	Propeller	Propeller	
	Discharge direction			-	Front	Front	
	Quantity			EA	1	1	
	Air Flow Rate			CMM	29	30	
		l/s	483	500			
Fan Motor	Type			-	BLDC Motor	BLDC Motor	
	Output			W x n	68 x 1	68 x 1	
Sound	Sound Pressure Level	Cooling			dB(A)	46	
		Heating			dB(A)	47	
	Sound Power Level			dB(A)	59	61	
External Dimension	Net Weight			kg	32.8	32.8	
	Shipping Weight			kg	35.8	35.8	
	Net Dimensions (WxHxD)			mm	790 x 548 x 285	790 x 548 x 285	
	Shipping Dimensions (WxHxD)			mm	926 x 640 x 384	926 x 640 x 384	
Casing	Material	Body			-	EGL Steel Plate	
				-	EGL Steel Plate	EGL Steel Plate	
Operating Temp. Range	Cooling			°C	-15 ~ 50	-15 ~ 50	
	Heating			°C	-20 ~ 24	-20 ~ 24	

NOTE

- Specification may be subject to change without prior notice. Specification comply with EN14511.
 - 1) Capacities are based on (Equivalent refrigerant piping 5m, Level differences 0m);
 - Cooling : Indoor temperature 27°C DB, 19°C WB / Outdoor temperature 35°C DB, 24°C WB
 - Heating : Indoor temperature 20°C DB, 15°C WB / Outdoor temperature 7°C DB, 6°C WB
 - 2) Sound power level is an absolute value that a sound source generates.
 - Sound power level is based on cooling operation.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound values are obtained in an anechoic room.
 - Sound values of multi combination are theoretical values based on sound results of individual installed units.
 - 3) These products contain R410A(GWP=2,088) which is fluorinated greenhouse gas.
- In case you want to know more information regarding capacity and correction, please refer to capacity table TDB on pvi.samsung.com site.

1. Specification

4Way Cassette (600x600)

Model Name	Indoor Unit			AC060MNNDKH/EU	AC071MNNDKH/EU
	Outdoor Unit			AC060MXADKH/EU	AC071MXADKH/EU
Mode				HEAT PUMP	HEAT PUMP
Performance	Capacity	Cooling (Min/Std/Max)	kW	1.80 / 5.80 / 6.50	2.20 / 6.80 / 8.00
			Btu/h	6,100 / 19,800 / 22,200	7,500 / 23,200 / 27,300
		Heating (Min/Std/Max)	kW	1.60 / 700 / 9.00	1.90 / 750 / 9.00
			Btu/h	5,500 / 23,800 / 30,700	6,500 / 25,600 / 30,700
Power	Power Input	Cooling (Min/Std/Max)	kW	0.38 / 2.15 / 2.60	0.35 / 2.72 / 3.95
		Heating (Min/Std/Max)	kW	0.35 / 2.32 / 3.60	0.35 / 2.80 / 3.95
	Current Input	Cooling (Min/Std/Max)	A	1.90 / 9.30 / 11.50	2.00 / 11.80 / 17.00
		Heating (Min/Std/Max)	A	1.70 / 10.00 / 17.30	2.00 / 12.30 / 17.00
	Current	MCA	A	21	21
		MFA	A	25	25
Efficiency	EER	Cooling	W/W	2.70	2.50
	COP	Heating	W/W	3.02	2.68
	SEER (Cooling Energy Grade)		W/W	6.2 (A++)	6.0 (A+)
	SCOP (Heating Energy Grade)		W/W	4.0 (A+)	3.8 (A)
	Pdesignh		kW	2.6	4
Piping Connections	Liquid Pipe	Type		Flare connection	Flare connection
		Φ, mm		6.35	6.35
		Φ, inch		1/4	1/4
	Gas Pipe	Type		Flare connection	Flare connection
		Φ, mm		12.7	15.88
		Φ, inch		1/2	5/8
	Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes
	Piping length (ODU-IDU)	Standard		m	5
Max.		m	30	50	
Elevation		m	20	30	
Chargeless		m	5	5	
Wiring connections	Power Source Wire		mm ²	-	-
	Transmission Cable		mm ²	Min. 0.75	Min. 0.75
	Remark		-	F1, F2	F1, F2
	Power supply intake		-	Both indoor and outdoor unit	Both indoor and outdoor unit
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg / tCO ₂ e	1.3 / 2.71	1.5 / 3.13

1. Specification

4Way Cassette (600x600)

Model Name	Indoor Unit			AC060MNNDKH/EU	AC071MNNDKH/EU
	Outdoor Unit			AC060MXADKH/EU	AC071MXADKH/EU
Power Supply	Ø, #, V, Hz			1, 2, 220-240, 50	1, 2, 220-240, 50
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al
		Tube	-	Cu	Cu
Fan	Type		-	Turbo Fan	Turbo Fan
	Quantity		EA	1	1
	Air Flow Rate	High/Mid/Low	CMM	11.0 / 10.0 / 9.0	11.5 / 10.5 / 9.5
			l/s	183.3 / 166.7 / 150.0	191.7 / 175.0 / 158.3
	External Static Pressure	Min/Std/Max	mmAq	-	-
Pa			-	-	
Fan Motor	Output		W x n	65 x 1	65 x 1
Drain	Drain Pipe		Ø, mm	VP-25(OD32, ID25)	VP-25(OD32, ID25)
Sound	Sound Pressure Level	High/Mid/Low/(Silent)	dB(A)	41 / 37 / 32	42 / 39 / 36
	Sound Power Level		dB(A)	56	58
External Dimension	Net Weight		kg	11.6	11.8
	Shipping Weight		kg	14	14.2
	Net Dimensions (WxHxD)		mm	575 x 250 x 575	575 x 250 x 575
	Shipping Dimensions (WxHxD)		mm	623 x 298 x 653	623 x 298 x 653
Casing	Material		-	Polypropylene	Polypropylene
Indoor Unit Panel (1)	Model Name		-	PC4SUSMBN	PC4SUSMBN
	Type		-	Waffle Type	Waffle Type
	Material		-	HIPS	HIPS
	Color		-	Victory gray	Victory gray
	Net Weight		kg	2.3	2.3
	Shipping Weight		kg	3.5	3.5
	Net Dimensions (WxHxD)		mm	620 x 45 x 620	620 x 45 x 620
	Shipping Dimensions (WxHxD)		mm	661 x 106 x 671	661 x 106 x 671
Indoor Unit Panel (2)	Model Name		-	PC4SUSMFN	PC4SUSMFN
	Type		-	Stripe Type	Stripe Type
	Material		-	HIPS	HIPS
	Color		-	Victory gray	Victory gray
	Net Weight		kg	2.3	2.3
	Shipping Weight		kg	3.5	3.5
	Net Dimensions (WxHxD)		mm	620 x 45 x 620	620 x 45 x 620
	Shipping Dimensions (WxHxD)		mm	661 x 106 x 671	661 x 106 x 671
Control System	Infrared remote control		-	MR-EH00	MR-EH00
Control System	Wired remote control		-	MWR-WE10N / MWR-WE11N	MWR-WE10N / MWR-WE11N
Drain Pump	Drain Pump		-	Included	Included
	Max. lifting Height / Displacement		mm / Liter/h	750/24	750/24
Additional Accessories	Drain Pump	External Model	-	-	-
		Internal Model	-	-	-
		Max. lifting Height / Displacement	mm / Liter/h	-	-
	Air Filter		-	Removable / Washable	Removable / Washable
	Virus Doctor		-	Option	Option

1. Specification

4Way Cassette (600x600)

Outdoor Unit	Model Name		Indoor Unit	AC060MNNDKH/EU	AC071MNNDKH/EU	
			Outdoor Unit	AC060MXADKH/EU	AC071MXADKH/EU	
	Power Supply			Ø, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50
	Heat Exchanger	Type		-	FMC	FMC
		Material	Fin	-	Al	Al
			Tube	-	Al	Al
	Fin Treatment		-	Hybrid Coating	Hybrid Coating	
	Compressor	Model Name			UG9TK3150FE4	UG4T200FUAE4
		Output		kW	1.42	1.79
		Oil	Type	-	POE	POE
	Initial charge		cc	500	650	
	Fan	Type		-	Propeller	Propeller
		Discharge direction		-	Front	Front
		Quantity		EA	1	1
		Air Flow Rate		CMM	40	51
	l/s			667	850	
	Fan Motor	Type		-	BLDC Motor	BLDC Motor
		Output		W x n	125 x 1	125 x 1
	Sound	Sound Pressure Level	Cooling	dB(A)	49	49
			Heating	dB(A)	49	51
		Sound Power Level		dB(A)	62	65
	External Dimension	Net Weight		kg	43.8	53
		Shipping Weight		kg	47.5	57.2
		Net Dimensions (WxHxD)		mm	880 x 638 x 310	880 x 798 x 310
Shipping Dimensions (WxHxD)		mm	1023 x 730 x 413	1023 x 911 x 413		
Casing	Material	Body	-	EGI Steel Plate	EGI Steel Plate	
	Operating Temp. Range		°C	-15 ~ 50	-15 ~ 50	
			°C	-20 ~ 24	-20 ~ 24	

NOTE

- Specification may be subject to change without prior notice. Specification comply with EN14511.
 - 1) Capacities are based on (Equivalent refrigerant piping 5m, Level differences 0m);
 - Cooling : Indoor temperature 27°C DB, 19°C WB / Outdoor temperature 35°C DB, 24°C WB
 - Heating : Indoor temperature 20°C DB, 15°C WB / Outdoor temperature 7°C DB, 6°C WB
 - 2) Sound power level is an absolute value that a sound source generates.
 - Sound power level is based on cooling operation.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound values are obtained in an anechoic room.
 - Sound values of multi combination are theoretical values based on sound results of individual installed units.
 - 3) These products contain R410A(GWP=2,088) which is fluorinated greenhouse gas.
- In case you want to know more information regarding capacity and correction, please refer to capacity table TDB on pvi.samsung.com site.

2. Summary Table

4Way Cassette (600x600)

Performance Characteristics

Model Code	Net Weight (kg)	Capacity		Fan Speed	Airflow (Cooling/Heating) (CMM)	Sound Pressure Level (dBA)	Sound Power Level (dBA)	
		Cooling (kW)	Heating (kW)					
AC026MNNDKH/EU	11.4	Max.	3.4	4.1	High	8.0 / 10.0	31	48
		Std.	2.6	3.4	Mid	7.0 / 9.0	28	-
		Min.	1.0	0.98	Low	6.0 / 8.0	25	-
AC035MNNDKH/EU	11.4	Max.	4.0	4.8	High	9.2 / 10.4	34	50
		Std.	3.5	4.0	Mid	8.0 / 9.0	30	-
		Min.	1.0	1.0	Low	6.4 / 7.8	25	-
AC052MNNDKH/EU	11.6	Max.	5.9	7.5	High	10.5 / 10.5	39	56
		Std.	5.0	5.5	Mid	9.5 / 9.5	34	-
		Min.	1.3	1.3	Low	8.5 / 8.5	29	-
AC060MNNDKH/EU	11.6	Max.	6.5	9.0	High	11.0 / 11.0	41	56
		Std.	5.8	7.0	Mid	10.0 / 10.0	37	-
		Min.	1.8	1.6	Low	9.0 / 9.0	32	-
AC071MNNDKH/EU	11.8	Max.	8.0	9.0	High	11.5 / 11.5	42	58
		Std.	6.8	7.5	Mid	10.5 / 10.5	39	-
		Min.	2.2	1.9	Low	9.5 / 9.5	36	-

NOTE

- Sound data is based on cooling operation.

Electric Characteristics

Model		Outdoor Unit				Input Current (Amperes)				Power Supply	
Indoor Unit	Outdoor Unit	Rated Hz	Voltage range		Outdoor Unit		Indoor Unit	Total	MCA(A)	MFA(A)	
			Volts	Min.	Max.	Cooling					Heating
AC026MNNDKH/EU	AC026MXADKH/EU	50	220 to 240	198	264	10	10	1	11	11	12.5
AC035MNNDKH/EU	AC035MXADKH/EU	50	220 to 240	198	264	10	10	1	11	11	12.5
AC052MNNDKH/EU	AC052MXADKH/EU	50	220 to 240	198	264	20	20	1	21	21	25
AC060MNNDKH/EU	AC060MXADKH/EU	50	220 to 240	198	264	20	20	1	21	21	25
AC071MNNDKH/EU	AC071MXADKH/EU	50	220 to 240	198	264	20	20	1	21	21	25

NOTE

- MCA : Minimum circuit amperes
- MFA : Maximum fuse amperes
- Select wire size based on the value of MCA

3. Capacity Table

4Way Cassette (600x600)

(1) AC026MNNDKH/EU + AC026MXADKH/EU

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity, PI : Power Input

Outdoor Temperature (°C, DB)	Indoor Temperature (°C, DB / WB)																				
	20 / 14			22 / 16			25 / 18			27 / 19			28 / 20			30 / 22			32 / 24		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15	2.54	2.15	0.49	2.67	2.21	0.50	2.78	2.28	0.51	2.87	2.35	0.52	2.92	2.33	0.52	3.07	2.30	0.53	3.22	2.26	0.54
21	2.42	2.04	0.51	2.54	2.11	0.52	2.65	2.17	0.53	2.73	2.24	0.54	2.78	2.22	0.55	2.92	2.19	0.55	3.07	2.15	0.57
35	2.30	1.95	0.64	2.42	2.01	0.65	2.52	2.07	0.67	2.60	2.13	0.68	2.65	2.11	0.69	2.78	2.09	0.69	2.92	2.05	0.71
46	1.96	1.80	0.58	2.06	1.86	0.59	2.14	1.92	0.60	2.21	1.97	0.61	2.25	1.95	0.62	2.37	1.93	0.62	2.49	1.90	0.64
50	1.50	1.42	0.51	1.57	1.46	0.52	1.64	1.51	0.53	1.69	1.55	0.54	1.72	1.54	0.55	1.81	1.52	0.55	1.90	1.49	0.57

Heating

TC : Total Capacity, PI : Power Input

Outdoor Temperature (°C, DB)	Indoor Temperature (°C, DB)											
	16		18		20		21		22		24	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-20	2.39	1.19	2.37	1.18	2.35	1.17	2.32	1.16	2.30	1.15	2.28	1.14
-15	3.02	1.38	2.99	1.36	2.96	1.35	2.93	1.34	2.90	1.32	2.87	1.31
-5	3.40	1.29	3.37	1.27	3.33	1.26	3.30	1.25	3.27	1.23	3.23	1.22
0	3.54	1.10	3.50	1.09	3.47	1.08	3.43	1.07	3.40	1.06	3.36	1.05
7	3.47	0.92	3.43	0.91	3.40	0.90	3.37	0.89	3.33	0.88	3.30	0.87
24	4.51	1.06	4.46	1.05	4.42	1.04	4.38	1.02	4.33	1.01	4.29	1.00

NOTE

- Capacities are based on following conditions; Refrigerant pipe length : 5m / Level difference : 0m.

3. Capacity Table

4Way Cassette (600x600)

(2) AC035MNNDKH/EU+ AC035MXADKH/EU

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity, PI : Power Input

Outdoor Temperature (°C, DB)	Indoor Temperature (°C, DB / WB)																				
	20 / 14			22 / 16			25 / 18			27 / 19			28 / 20			30 / 22			32 / 24		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15	3.41	2.68	0.78	3.59	2.76	0.80	3.74	2.84	0.81	3.86	2.93	0.83	3.94	2.90	0.84	4.13	2.87	0.84	4.34	2.82	0.86
21	3.25	2.55	0.82	3.42	2.63	0.84	3.56	2.71	0.85	3.68	2.79	0.87	3.75	2.77	0.88	3.94	2.74	0.89	4.13	2.68	0.91
35	3.10	2.43	1.03	3.26	2.50	1.05	3.40	2.58	1.07	3.50	2.66	1.09	3.57	2.63	1.10	3.75	2.61	1.11	3.94	2.55	1.13
46	2.63	2.26	0.92	2.77	2.33	0.94	2.89	2.40	0.96	2.98	2.48	0.98	3.03	2.45	0.99	3.19	2.43	1.00	3.35	2.38	1.02
50	2.01	1.79	0.82	2.12	1.84	0.84	2.21	1.90	0.85	2.28	1.96	0.87	2.32	1.94	0.88	2.44	1.92	0.89	2.56	1.88	0.91

Heating

TC : Total Capacity, PI : Power Input

Outdoor Temperature (°C, DB)	Indoor Temperature (°C, DB)											
	16		18		20		21		22		24	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-20	2.82	1.59	2.79	1.58	2.76	1.56	2.73	1.54	2.71	1.53	2.68	1.51
-15	3.55	1.84	3.51	1.82	3.48	1.80	3.45	1.78	3.41	1.76	3.38	1.75
-5	4.00	1.71	3.96	1.70	3.92	1.68	3.88	1.66	3.84	1.65	3.80	1.63
0	4.16	1.47	4.12	1.45	4.08	1.44	4.04	1.43	4.00	1.41	3.96	1.40
7	4.08	1.22	4.04	1.21	4.00	1.20	3.96	1.19	3.92	1.18	3.88	1.16
24	5.30	1.41	5.25	1.39	5.20	1.38	5.15	1.37	5.10	1.35	5.05	1.34

NOTE

- Capacities are based on following conditions; Refrigerant pipe length : 5m / Level difference : 0m.

3. Capacity Table

4Way Cassette (600x600)

(3) AC052MNNDKH/EU + AC052MXADKH/EU

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity, PI : Power Input

Outdoor Temperature (°C, DB)	Indoor Temperature (°C, DB / WB)																				
	20 / 14			22 / 16			25 / 18			27 / 19			28 / 20			30 / 22			32 / 24		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15	4.88	3.72	1.09	5.13	3.84	1.12	5.35	3.96	1.14	5.51	4.08	1.16	5.62	4.04	1.17	5.90	4.00	1.19	6.20	3.92	1.21
21	4.64	3.55	1.15	4.89	3.66	1.18	5.09	3.77	1.20	5.25	3.89	1.22	5.36	3.85	1.24	5.62	3.81	1.25	5.90	3.73	1.27
35	4.42	3.38	1.44	4.66	3.48	1.47	4.85	3.59	1.50	5.00	3.70	1.53	5.10	3.66	1.55	5.36	3.63	1.56	5.62	3.55	1.59
46	3.76	3.15	1.30	3.96	3.25	1.32	4.12	3.35	1.35	4.25	3.46	1.38	4.34	3.42	1.39	4.55	3.39	1.40	4.78	3.32	1.43
50	2.88	2.49	1.15	3.03	2.57	1.18	3.15	2.65	1.20	3.25	2.73	1.22	3.32	2.70	1.24	3.48	2.68	1.25	3.65	2.62	1.27

Heating

TC : Total Capacity, PI : Power Input

Outdoor Temperature (°C, DB)	Indoor Temperature (°C, DB)											
	16		18		20		21		22		24	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-20	3.87	2.02	3.83	2.00	3.80	1.98	3.76	1.96	3.72	1.94	3.68	1.92
-15	4.88	2.33	4.83	2.30	4.79	2.28	4.74	2.26	4.69	2.23	4.64	2.21
-5	5.50	2.17	5.44	2.15	5.39	2.13	5.34	2.11	5.28	2.09	5.23	2.06
0	5.72	1.86	5.67	1.84	5.61	1.82	5.55	1.81	5.50	1.79	5.44	1.77
7	5.61	1.55	5.56	1.54	5.50	1.52	5.45	1.50	5.39	1.49	5.34	1.47
24	7.29	1.78	7.22	1.77	7.15	1.75	7.08	1.73	7.01	1.71	6.94	1.70

NOTE

- Capacities are based on following conditions; Refrigerant pipe length : 5m / Level difference : 0m.

3. Capacity Table

4Way Cassette (600x600)

(4) AC060MNNDKH/EU+ AC060MXADKH/EU

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity, PI : Power Input

Outdoor Temperature (°C, DB)	Indoor Temperature (°C, DB / WB)																				
	20 / 14			22 / 16			25 / 18			27 / 19			28 / 20			30 / 22			32 / 24		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15	5.66	4.09	1.54	5.95	4.21	1.57	6.20	4.34	1.60	6.39	4.48	1.63	6.52	4.43	1.65	6.85	4.39	1.67	7.19	4.30	1.70
21	5.39	3.89	1.62	5.67	4.01	1.65	5.91	4.14	1.69	6.09	4.26	1.72	6.21	4.22	1.74	6.52	4.18	1.75	6.85	4.09	1.79
35	5.13	3.71	2.02	5.40	3.82	2.06	5.63	3.94	2.11	5.80	4.06	2.15	5.92	4.02	2.17	6.21	3.98	2.19	6.52	3.90	2.24
46	4.36	3.61	1.82	4.59	3.72	1.86	4.78	3.84	1.90	4.93	3.96	1.94	5.03	3.92	1.95	5.28	3.88	1.97	5.54	3.80	2.01
50	3.34	2.89	1.62	3.51	2.98	1.65	3.66	3.07	1.69	3.77	3.17	1.72	3.85	3.14	1.74	4.04	3.10	1.75	4.24	3.04	1.79

Heating

TC : Total Capacity, PI : Power Input

Outdoor Temperature (°C, DB)	Indoor Temperature (°C, DB)											
	16		18		20		21		22		24	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-20	4.93	3.08	4.88	3.05	4.83	3.02	4.78	2.99	4.73	2.96	4.69	2.93
-15	6.21	3.55	6.15	3.51	6.09	3.48	6.03	3.45	5.97	3.41	5.91	3.38
-5	7.00	3.31	6.93	3.28	6.86	3.25	6.79	3.22	6.72	3.18	6.66	3.15
0	7.28	2.84	7.21	2.81	7.14	2.78	7.07	2.76	7.00	2.73	6.93	2.70
7	7.14	2.37	7.07	2.34	7.00	2.32	6.93	2.30	6.86	2.27	6.79	2.25
24	9.28	2.72	9.19	2.69	9.10	2.67	9.01	2.64	8.92	2.61	8.83	2.59

NOTE

- Capacities are based on following conditions; Refrigerant pipe length : 5m / Level difference : 0m.

3. Capacity Table

4Way Cassette (600x600)

(5) AC071MNNDKH/EU + AC071MXADKH/EU

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity, PI : Power Input

Outdoor Temperature (°C, DB)	Indoor Temperature (°C, DB / WB)																				
	20 / 14			22 / 16			25 / 18			27 / 19			28 / 20			30 / 22			32 / 24		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15	6.63	4.58	1.95	6.98	4.73	1.99	7.27	4.87	2.03	7.50	5.02	2.07	7.65	4.97	2.09	8.03	4.92	2.11	8.43	4.82	2.15
21	6.32	4.37	2.05	6.65	4.50	2.09	6.93	4.64	2.13	7.14	4.78	2.18	7.28	4.74	2.20	7.65	4.69	2.22	8.03	4.59	2.26
35	6.02	4.16	2.56	6.33	4.29	2.61	6.60	4.42	2.67	6.80	4.56	2.72	6.94	4.51	2.75	7.28	4.47	2.77	7.65	4.38	2.83
46	5.11	3.92	2.30	5.38	4.04	2.35	5.61	4.17	2.40	5.78	4.30	2.45	5.90	4.25	2.47	6.19	4.21	2.50	6.50	4.13	2.55
50	3.91	3.11	2.05	4.12	3.20	2.09	4.29	3.30	2.13	4.42	3.40	2.18	4.51	3.37	2.20	4.73	3.34	2.22	4.97	3.27	2.26

Heating

TC : Total Capacity, PI : Power Input

Outdoor Temperature (°C, DB)	Indoor Temperature (°C, DB)											
	16		18		20		21		22		24	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-20	5.28	3.71	5.23	3.68	5.18	3.64	5.12	3.60	5.07	3.57	5.02	3.53
-15	6.66	4.28	6.59	4.24	6.53	4.20	6.46	4.16	6.40	4.12	6.33	4.08
-5	7.50	4.00	7.42	3.96	7.35	3.92	7.28	3.88	7.20	3.84	7.13	3.80
0	7.80	3.43	7.73	3.39	7.65	3.36	7.57	3.33	7.50	3.29	7.42	3.26
7	7.65	2.86	7.58	2.83	7.50	2.80	7.43	2.77	7.35	2.74	7.28	2.72
24	9.95	3.28	9.85	3.25	9.75	3.22	9.65	3.19	9.56	3.16	9.46	3.12

NOTE

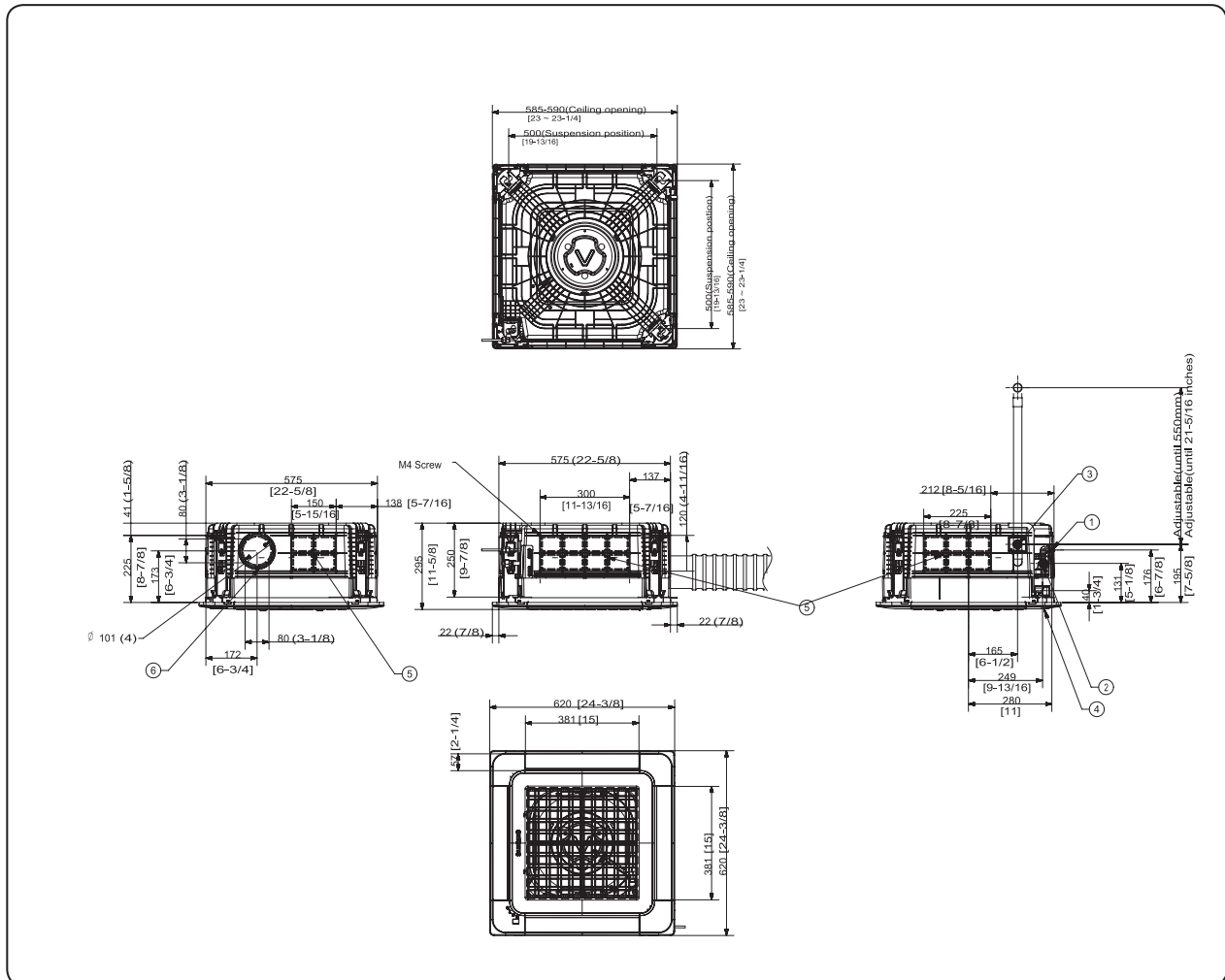
- Capacities are based on following conditions; Refrigerant pipe length : 5m / Level difference : 0m.

4. Dimensional Drawing

4Way Cassette (600x600)

AC026/035/052/060/071MNNDKH/EU

Units : mm [inches]



No.	Name	Description		
		AC026MNNDKH/EU	AC052MNNDKH/EU	AC071MNNDKH/EU
1	Liquid pipe connection	Φ6.35(1/4)		
2	Gas pipe connection	Φ9.52(3/8)	Φ12.7(1/2)	Φ15.88(3/8)
3	Drain pipe connection	VP-25(OD32, ID25)		
4	Power supply & Communication wiring conduit			
5	Sub duct connection	Use M4 Screw		
6	Fresh air intake knockout hole	Φ101[4] , Use M4 Screw		

NOTE

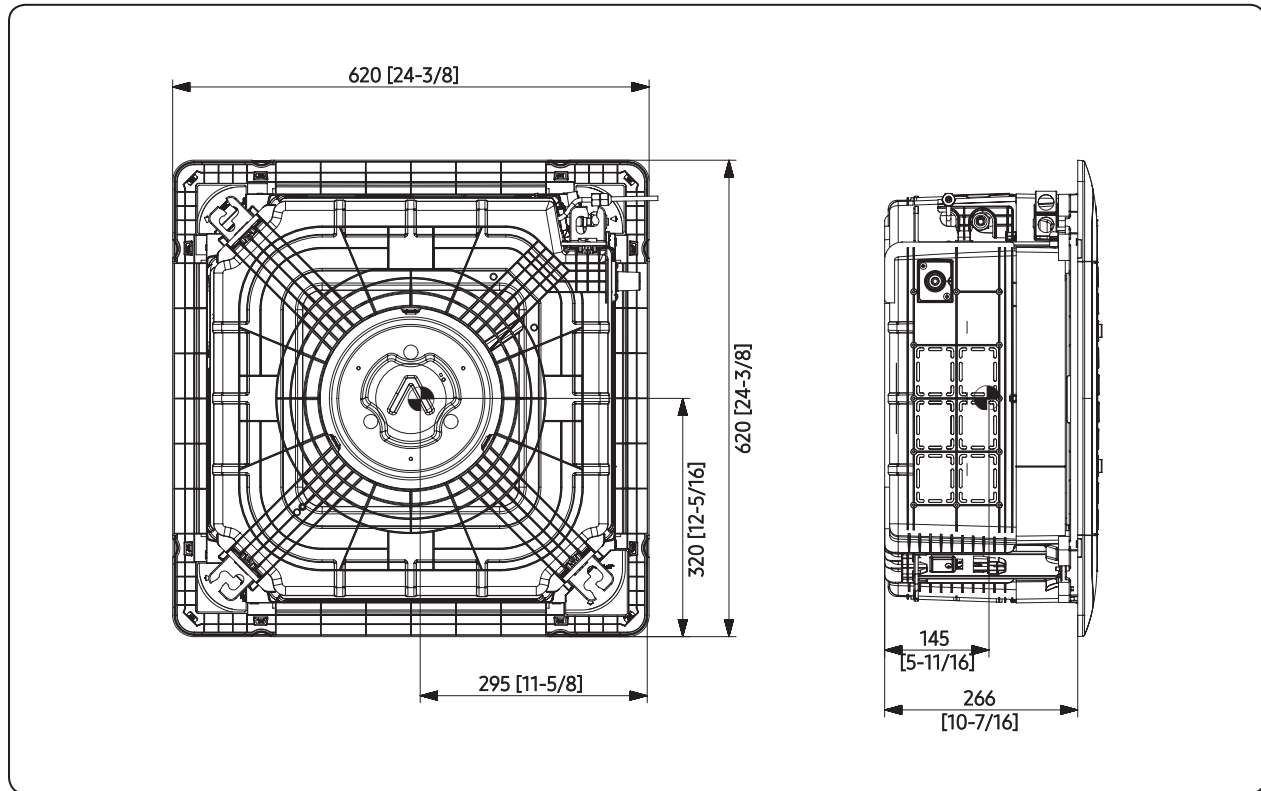
- As for suspension bolt, please use M8 ~ M10.
(Procured at local site)

5. Center of Gravity

4Way Cassette (600x600)

AC026/035/052/060/071MNNDKH/EU

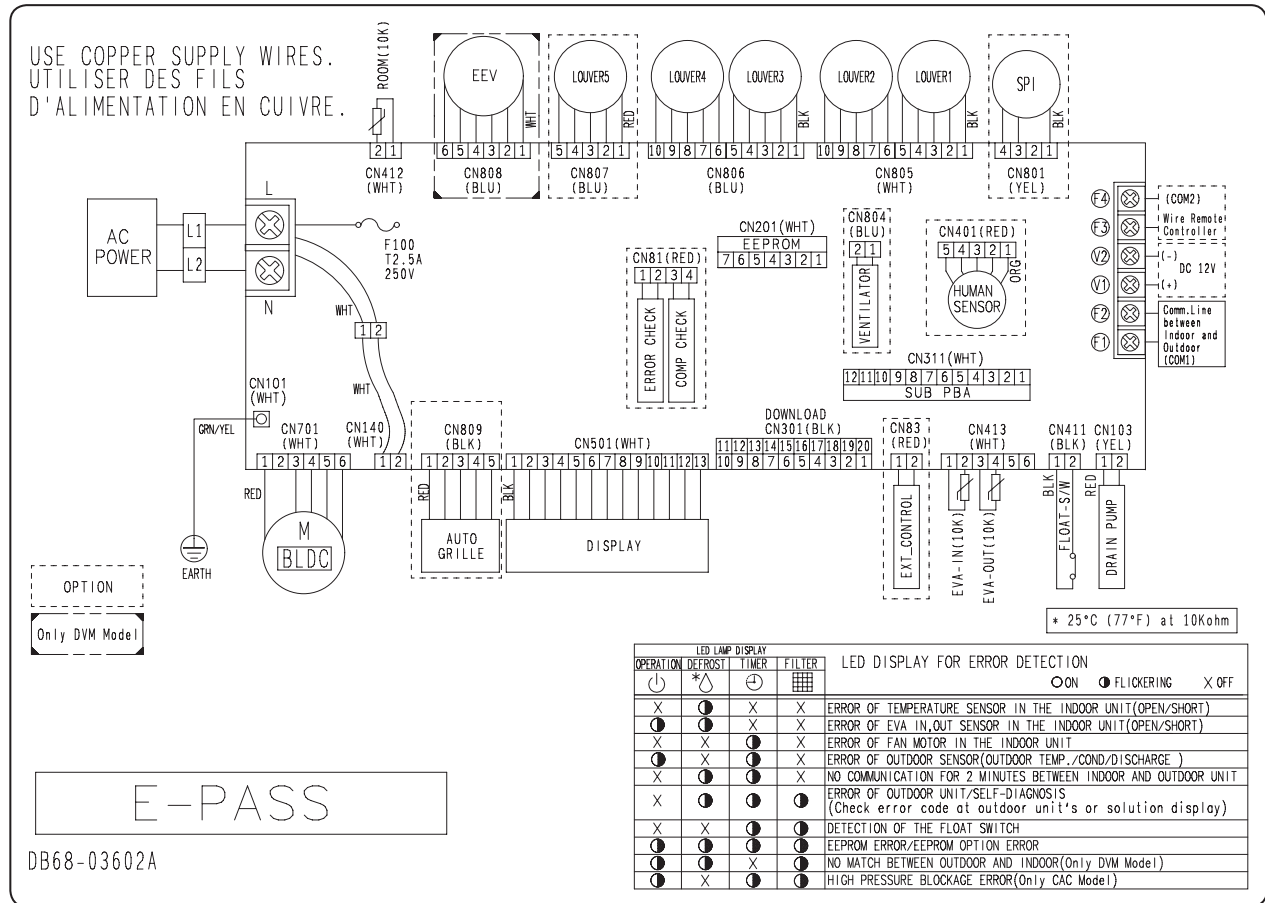
Units : mm [inches]



6. Electrical Wiring Diagram

4Way Cassette (600x600)

AC026/035/052/060/071MNNDKH/EU



SUB PBA	Printed Circuit Board(SUB)	SPI	S-Plasma ion	ROOM(10K)	Thermistor ROOM OUT(10K)
M-BLDC	BLDC Motor	EEV	Electronic Expansion Valve	EVA-IN(10K)	Thermistor EVA IN(10K)
		EXT_CONTROL	EXTERNAL_CONTROL	EVA-OUT(10K)	Thermistor EVA OUT(10K)

NOTE

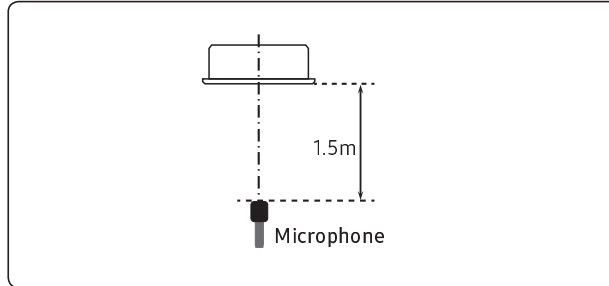
- This wiring diagram applies only to the Indoor unit.
- Symbols show as follow :
blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue: grn: green
- For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
- Protective earth(screw), : connector, : The wire quantity

7. Sound Data

4Way Cassette (600x600)

Sound Pressure level

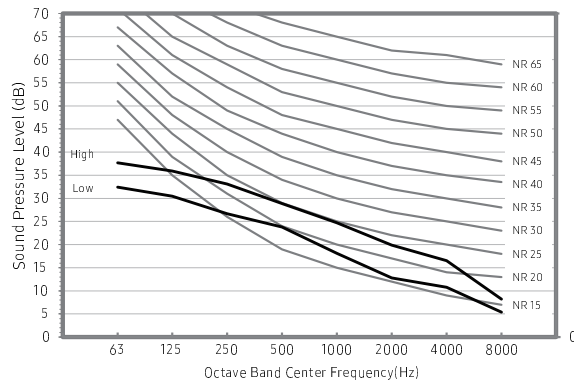
Unit: dB(A)



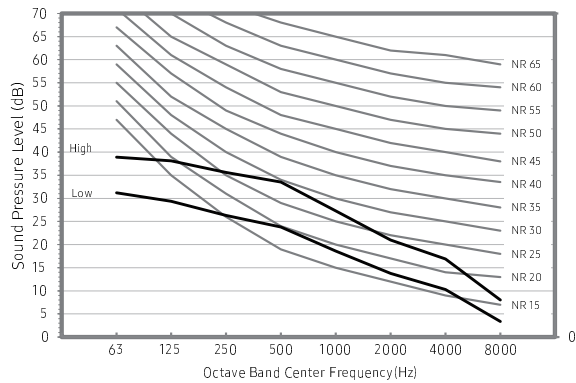
Model	Hi	MID	LOW
AC026MNNDKH/EU	31	28	25
AC035MNNDKH/EU	34	30	25
AC052MNNDKH/EU	39	34	29
AC060MNNDKH/EU	41	37	32

- NR Curve

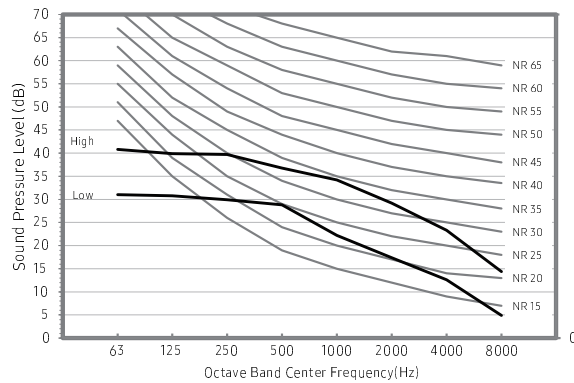
1) AC026MNNDKH/EU



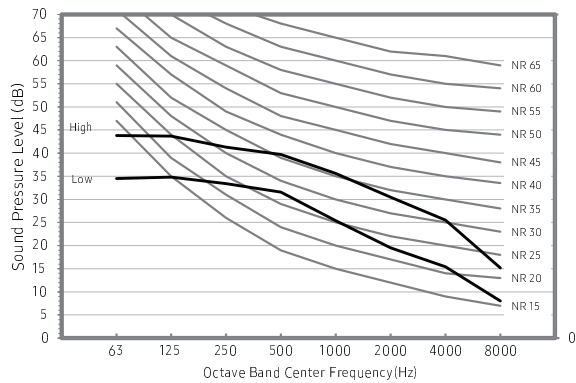
2) AC035MNNDKH/EU



3) AC052MNNDKH/EU



4) AC060MNNDKH/EU



NOTE

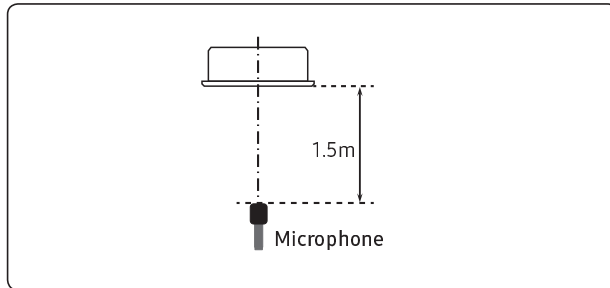
- Specifications may be subject to change without prior notice.
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa

7. Sound Data

4Way Cassette (600x600)

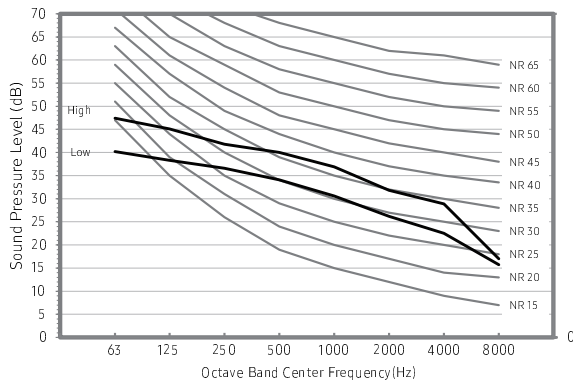
Sound Pressure level

Unit: dB(A)



Model	Hi	MID	LOW
AC071MNNDKH/EU	42	39	36

- NR Curve
5) AC071MNNDKH/EU



NOTE

- Specifications may be subject to change without prior notice.
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa

7. Sound Data

4Way Cassette (600x600)

Sound Power level



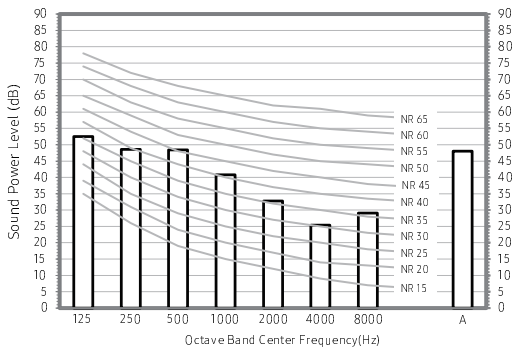
- Specifications may be subject to change without prior notice
 - Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level.
 - Reference power : 1pW.
 - Measured according to ISO 3741.

Unit: dB(A)

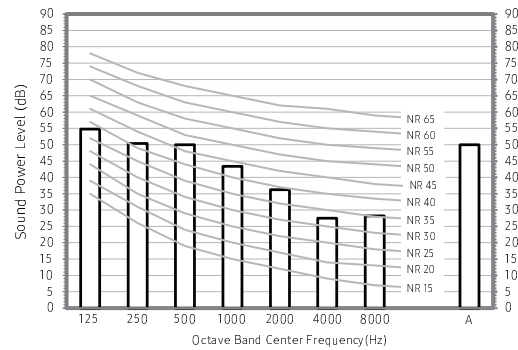
Model	Power
AC026MNNDKH/EU	48
AC035MNNDKH/EU	50
AC052MNNDKH/EU	56
AC060MNNDKH/EU	56
AC071MNNDKH/EU	58

- NR Curve

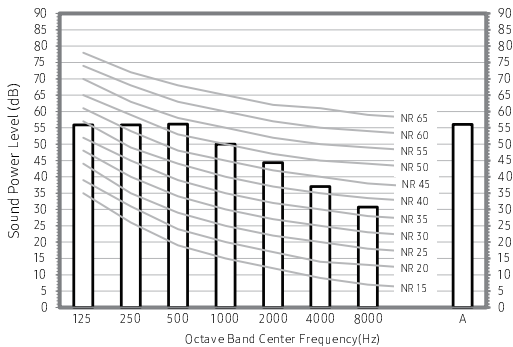
1) AC026MNNDKH/EU



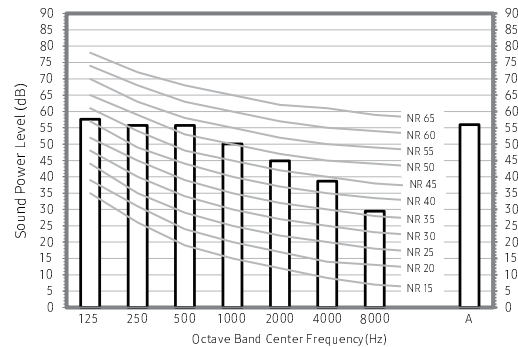
2) AC035MNNDKH/EU



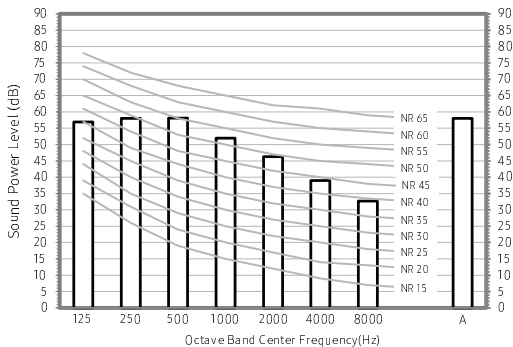
3) AC052MNNDKH/EU



4) AC060MNNDKH/EU



5) AC071MNNDKH/EU



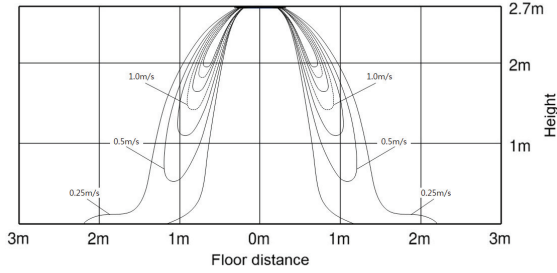
8. Temperature and air flow distribution

4Way Cassette (600x600)

AC026MNNDKH/EU

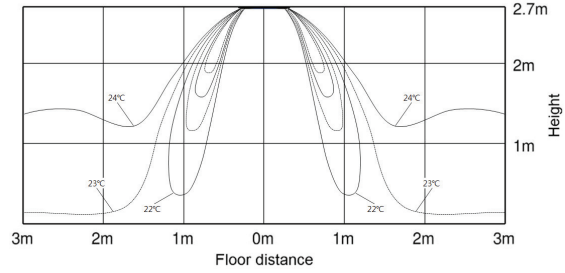
- Cooling Air Velocity distribution

(Discharge angle : 43 degree)



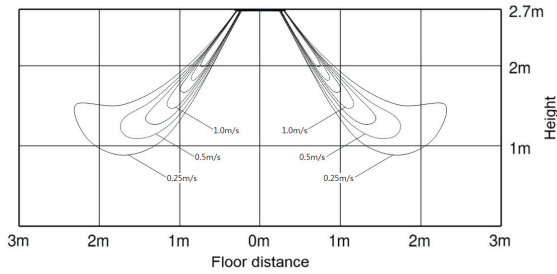
- Cooling temperature distribution

(Discharge angle : 43 degree)



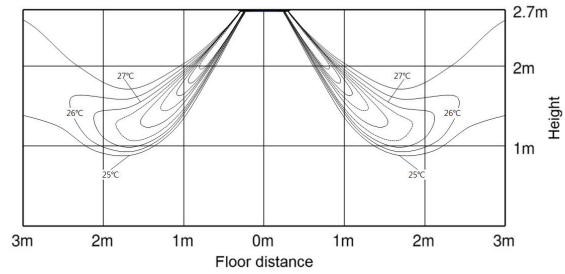
- Heating Air Velocity distribution

(Discharge angle : 50 degree)



- Heating temperature distribution

(Discharge angle : 50 degree)



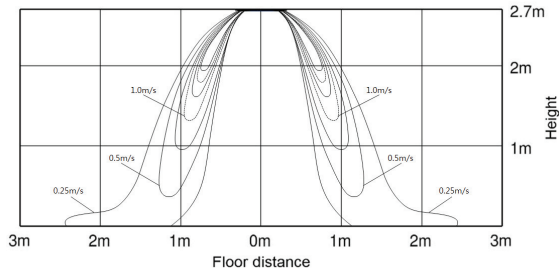
8. Temperature and air flow distribution

4Way Cassette (600x600)

AC035MNNDKH/EU

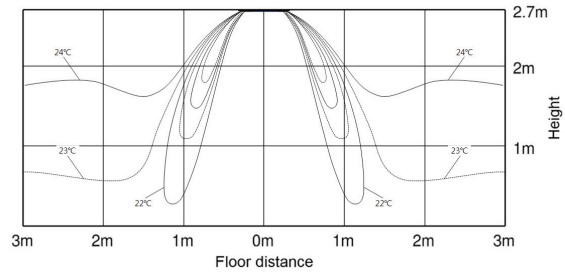
- Cooling Air Velocity distribution

(Discharge angle : 43 degree)



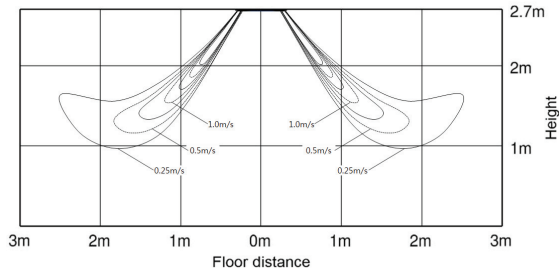
- Cooling temperature distribution

(Discharge angle : 43 degree)



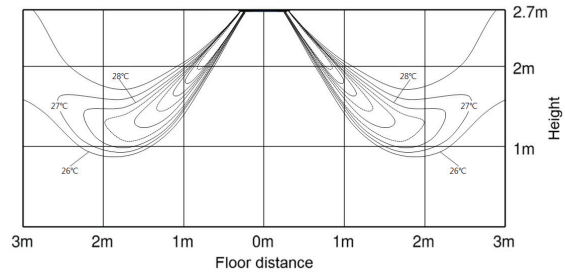
- Heating Air Velocity distribution

(Discharge angle : 50 degree)



- Heating temperature distribution

(Discharge angle : 50 degree)



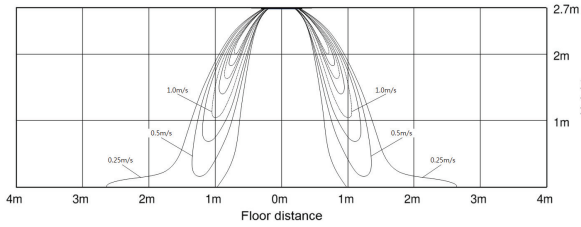
8. Temperature and air flow distribution

4Way Cassette (600x600)

AC052MNNDKH/EU

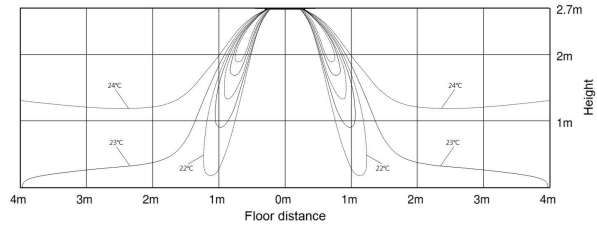
- Cooling Air Velocity distribution

(Discharge angle : 43 degree)



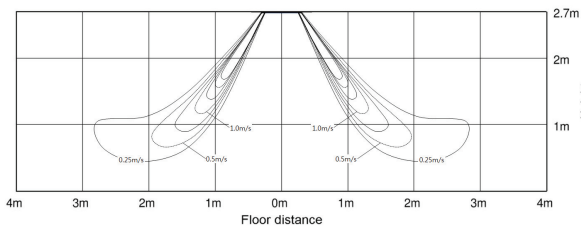
- Cooling temperature distribution

(Discharge angle : 43 degree)



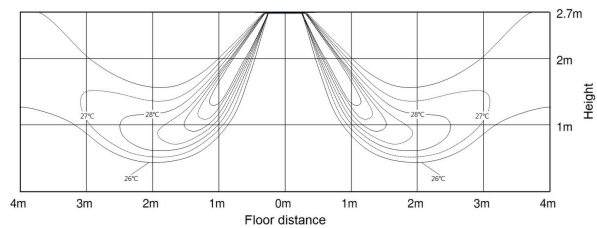
- Heating Air Velocity distribution

(Discharge angle : 50 degree)



- Heating temperature distribution

(Discharge angle : 50 degree)



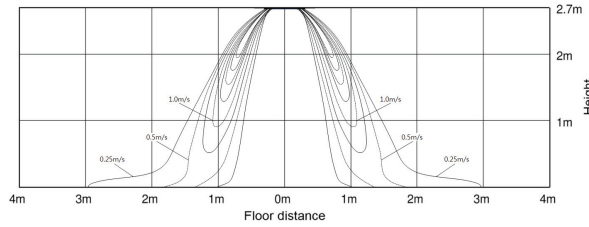
8. Temperature and air flow distribution

4Way Cassette (600x600)

AC060MNNDKH/EU

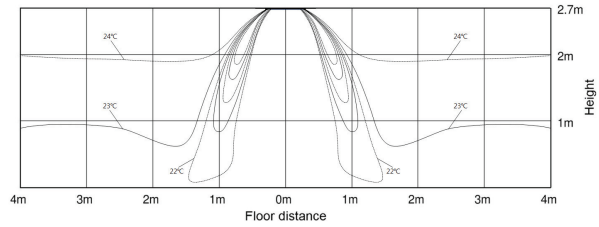
- Cooling Air Velocity distribution

(Discharge angle : 43 degree)



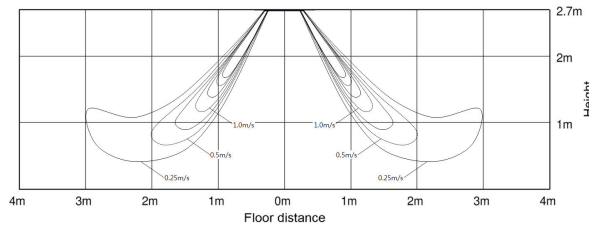
- Cooling temperature distribution

(Discharge angle : 43 degree)



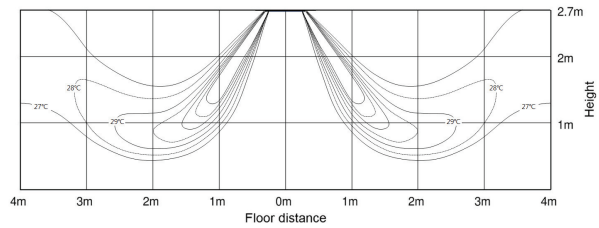
- Heating Air Velocity distribution

(Discharge angle : 50 degree)



- Heating temperature distribution

(Discharge angle : 50 degree)



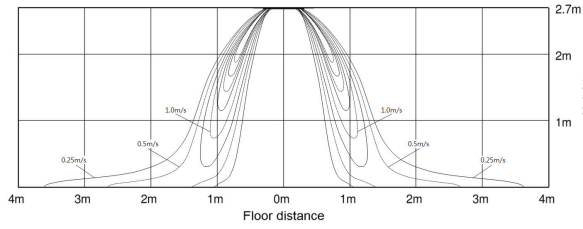
8. Temperature and air flow distribution

4Way Cassette (600x600)

AC071MNNDKH/EU

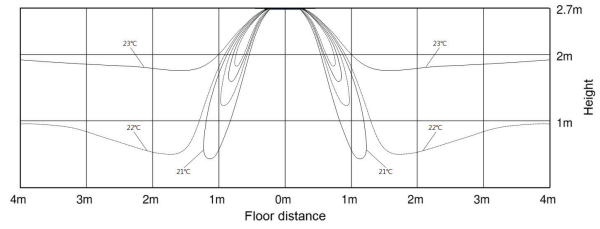
- Cooling Air Velocity distribution

(Discharge angle : 43 degree)



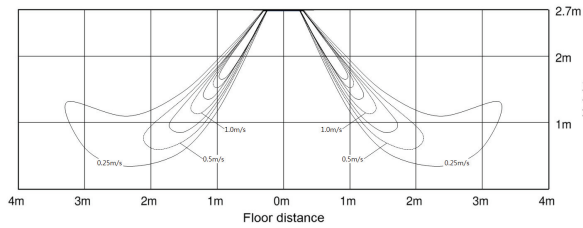
- Cooling temperature distribution

(Discharge angle : 43 degree)



- Heating Air Velocity distribution

(Discharge angle : 50 degree)



- Heating temperature distribution

(Discharge angle : 50 degree)

