

4Way Cassette S(600x600)

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1 Specifications

4Way Cassette S (600 x 600)

Type			4Way Cassette (600 x 600)		4Way Cassette (600 x 600)			
Model			AM015HNNDEH/EU		AM022FNNDEH/EU			
Power Supply			Ø, #, V, Hz	1,2,220-240,50		1,2,220-240,50		
Mode			-		HP/HR			
Performance	Capacity (Nominal)	Cooling	kW	1.50		2.20		
			Btu/h	5,100		7,500		
		Heating	kW	1.70		2.50		
			Btu/h	5,800		8,500		
Power	Power Input (Nominal)	Cooling	W	18.00		18.00		
		Heating		18.00		18.00		
	Current Input (Nominal)	Cooling	A	0.17		0.17		
		Heating		0.17		0.17		
Fan	Motor	Type	-		Turbo Fan			
		Output x n	w	65 x 1		65 x 1		
	Air Flow Rate	H/M/L (UL)	CMM	8.20 / 7.00 / 6.30		9.00 / 7.70 / 6.50		
			l/s	136.67 / 116.67 / 105.00		150.00 / 128.33 / 108.33		
	External Pressure	Min/Std/Max	mmAq	-		-		
Pa			-		-			
Piping Connections	Liquid Pipe	Ø, mm	6.35		6.35			
		Ø, inch	1/4"		1/4"			
	Gas Pipe	Ø, mm	12.70		12.70			
		Ø, inch	1/2"		1/2"			
	Drain Pipe	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(O)		EEV(O)		
Sound	Pressure	High / Mid / Low	dB(A)	30 / 28 / 23		32 / 29 / 25		
	Power	Cooling		46		47		
Dimension	Net Weight		kg	12.00		12.00		
	Shipping Weight		kg	14.00		14.00		
	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		
Panel Size	Panel model		-		PC4SUSMBN		PC4SUSMBN	
	Panel 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		
Additional Accessories	Drain Pump	Drain Pump	- / Model	-		-		
		Max. lifting Height / Displacement	mm/liter/h	-		-		
	Air Filter		-		-		-	

- Mode : HP(Heat Pump), HR(Heat Recovery)

- Nominal Cooling : Indoor temperature 27°CDB / 19°CWB, Outdoor temperature 35°CDB/24°CWB, Refrigerant pipe length 7.5m, Level difference 0m.

- Nominal Heating : Indoor temperature 20°CDB/15°CWB, Outdoor temperature 7°CDB / 6°CWB, Refrigerant pipe length 7.5m, Level difference 0m.

- Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

- These products contain R410A which is fluorinated greenhouse gas.

- Specifications may be subject to change without prior notice.

* Heat Exchanger type : Fin & Tube (Fin : Al, Tube : Cu)

1 Specifications

4Way Cassette S (600 x 600)

Type			4Way Cassette (600 x 600)		4Way Cassette (600 x 600)	
Model			AM028FNNDH/EU		AM036FNNDH/EU	
Power Supply			Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	
Mode			-	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	2.80	3.60	
			Btu/h	9,600	12,300	
		Heating	kW	3.20	4.00	
			Btu/h	10,900	13,600	
Power	Power Input (Nominal)	Cooling	W	18.00	20.00	
		Heating	W	18.00	20.00	
	Current Input (Nominal)	Cooling	A	0.17	0.19	
		Heating	A	0.17	0.19	
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	
		Output x n	w	65 x 1	65 x 1	
	Air Flow Rate	H/M/L (UL)	CMM	10.00 / 8.50 / 7.50	10.50 / 9.50 / 8.00	
			l/s	166.67 / 141.67 / 125.00	175.00 / 158.33 / 133.33	
	External Pressure	Min/Std/Max	mmAq	-	-	
Pa			-	-		
Piping Connections	Liquid Pipe	Ø, mm	6.35	6.35		
		Ø, inch	1/4"	1/4"		
	Gas Pipe	Ø, mm	12.70	12.70		
		Ø, inch	1/2"	1/2"		
Drain Pipe	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(O)	EEV(O)		
Sound	Pressure	High / Mid / Low	dB(A)	33 / 30 / 26		
	Power	Cooling		50		
Dimension	Net Weight		kg	12.00	12.00	
	Shipping Weight		kg	14.00	14.00	
	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	
Panel Size	Panel model		-	PC4SUSMBN	PC4SUSMBN	
	Panel 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	
Additional Accessories	Drain Pump	Drain Pump	- / Model	-	-	
		Max. lifting Height / Displacement	mm/liter/h	-	-	
	Air Filter		-	-	-	

- Mode : HP(Heat Pump), HR(Heat Recovery)

- Nominal Cooling : Indoor temperature 27°CDB / 19°CWB, Outdoor temperature 35°CDB/24°CWB, Refrigerant pipe length 7.5m, Level difference 0m.

- Nominal Heating : Indoor temperature 20°CDB/15°CWB, Outdoor temperature 7°CDB / 6°CWB, Refrigerant pipe length 7.5m, Level difference 0m.

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* Heat Exchanger type : Fin & Tube (Fin : Al, Tube : Cu)

1 Specifications

4Way Cassette S (600 x 600)

Type			4Way Cassette (600 x 600)		4Way Cassette (600 x 600)	
Model			AM045FNNDH/EU		AM056FNNDH/EU	
Power Supply			Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	
Mode			-	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	4.50	5.60	
			Btu/h	15,400	19,100	
		Heating	kW	5.00	6.30	
			Btu/h	17,100	21,500	
Power	Power Input (Nominal)	Cooling	W	23.00	28.00	
		Heating	W	23.00	28.00	
	Current Input (Nominal)	Cooling	A	0.22	0.27	
		Heating	A	0.22	0.27	
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	
		Output x n	w	65 x 1	65 x 1	
	Air Flow Rate	H/M/L (UL)	CMM	11.50 / 10.20 / 9.00	13.00 / 11.00 / 9.50	
			l/s	191.67 / 170.00 / 150.00	216.67 / 183.33 / 158.33	
	External Pressure	Min/Std/Max	mmAq	-	-	
Pa			-	-		
Piping Connections	Liquid Pipe	Ø, mm	6.35	6.35		
		Ø, inch	1/4"	1/4"		
	Gas Pipe	Ø, mm	12.70	12.70		
		Ø, inch	1/2"	1/2"		
	Drain Pipe	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(O)	EEV(O)		
Sound	Pressure	High / Mid / Low	dB(A)	36 / 34 / 32	39 / 36 / 33	
	Power	Cooling		53	56	
Dimension	Net Weight		kg	12.00	12.00	
	Shipping Weight		kg	14.00	14.00	
	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	
Panel Size	Panel model		-	PC4SUSMBN	PC4SUSMBN	
	Panel 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	
Additional Accessories	Drain Pump	Drain Pump	- / Model	-	-	
		Max. lifting Height / Displacement	mm/liter/h	-	-	
	Air Filter		-	-	-	

- Mode : HP(Heat Pump), HR(Heat Recovery)

- Nominal Cooling : Indoor temperature 27 °CDB / 19 °CWB, Outdoor temperature 35 °CDB/24 °CWB, Refrigerant pipe length 7.5m, Level difference 0m.

- Nominal Heating : Indoor temperature 20 °CDB/15 °CWB, Outdoor temperature 7 °CDB / 6 °CWB, Refrigerant pipe length 7.5m, Level difference 0m.

- Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

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* Heat Exchanger type : Fin & Tube (Fin : Al, Tube : Cu)

1 Specifications

4Way Cassette S (600 x 600)

Type			4Way Cassette (600 x 600)		
Model			AM060FNNDEH/EU		
Power Supply		Ø, #, V, Hz	1,2,220-240,50		
Mode			- / HP/HR		
Performance	Capacity (Nominal)	Cooling	kW	6.00	
			Btu/h	20,500	
		Heating	kW	6.80	
			Btu/h	23,200	
Power	Power Input (Nominal)	Cooling	W	31.00	
		Heating		31.00	
	Current Input (Nominal)	Cooling	A	0.30	
		Heating		0.30	
Fan	Motor	Type	Turbo Fan		
		Output x n	w / 65 x 1		
	Air Flow Rate	H/M/L (UL)	CMM	13.50 / 12.00 / 10.20	
			l/s	225.00 / 200.00 / 170.00	
	External Pressure	Min/Std/Max	mmAq	-	
Pa			-		
Piping Connections	Liquid Pipe	Ø, mm	6.35		
		Ø, inch	1/4"		
	Gas Pipe	Ø, mm	12.70		
		Ø, inch	1/2"		
	Drain Pipe	Ø, mm	VP25 (OD 32, ID 25)		
Field Wiring	Power Source Wire	mm ²	1.5 - 2.5		
	Transmission Cable	mm ²	0.75 - 1.50		
Refrigerant	Type	-	R410A		
	Control Method	-	EEV(O)		
Sound	Pressure	High / Mid / Low	dB(A)	40 / 38 / 35	
	Power	Cooling		57	
Dimension	Net Weight		kg	12.00	
	Shipping Weight		kg	14.00	
	Net Dimensions (WxHxD)		mm	575 x 250 x 575	
	Shipping Dimensions (WxHxD)		mm	623 x 298 x 653	
Panel Size	Panel model		-	PC4SUSMBN	
	Panel Net Weight		kg	2.3	
	Shipping Weight		kg	3.5	
	Net Dimensions (WxHxD)		mm	620 x 45 x 620	
	Shipping Dimensions (WxHxD)		mm	661 x 106 x 671	
Additional Accessories	Drain Pump	Drain Pump	- / Model	-	
		Max. lifting Height / Displacement	mm/liter/h	-	
	Air Filter		-	-	

- Mode : HP(Heat Pump), HR(Heat Recovery)

- Nominal Cooling : Indoor temperature 27°CDB / 19°CWB, Outdoor temperature 35°CDB/24°CWB, Refrigerant pipe length 7.5m, Level difference 0m.

- Nominal Heating : Indoor temperature 20°CDB/15°CWB, Outdoor temperature 7°CDB / 6°CWB, Refrigerant pipe length 7.5m, Level difference 0m.

- Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

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* Heat Exchanger type : Fin & Tube (Fin : Al, Tube : Cu)

2 Capacity table

4Way Cassette S (600 x 600)

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Model	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC kW	SHC kW	TC kW	SHC kW	TC kW	SHC kW	TC kW	SHC kW	TC kW	SHC kW	TC kW	SHC kW	TC kW	SHC kW
5.60	10	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.30	4.30	6.70	4.10
	12	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.30	4.30	6.70	4.10
	14	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.20	4.20	6.70	4.00
	16	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.20	4.20	6.60	4.00
	18	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.20	4.20	6.60	4.00
	20	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.20	4.20	6.60	4.00
	21	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.20	4.20	6.60	4.00
	23	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.20	4.20	6.60	4.00
	25	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.20	4.20	6.60	4.00
	27	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.20	4.20	6.60	4.00
	29	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.20	4.20	6.60	4.00
	31	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.20	4.20	6.60	4.00
	33	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.20	4.20	6.60	4.00
	35	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.20	4.20	6.60	4.00
	37	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.10	4.10	6.50	3.90
	39	3.90	3.30	4.60	3.80	5.30	4.10	5.60	4.20	5.80	4.20	6.10	4.10	6.40	3.80
42	3.90	3.30	4.60	3.80	5.30	4.10	5.40	4.10	5.60	4.10	5.80	3.90	6.00	3.60	
44	3.90	3.30	4.60	3.80	5.00	4.00	5.30	4.00	5.40	4.00	5.50	3.80	5.60	3.40	
6.00	10	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.70	4.60	7.20	4.40
	12	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.70	4.60	7.20	4.40
	14	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.70	4.60	7.10	4.30
	16	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.70	4.60	7.10	4.30
	18	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.70	4.60	7.10	4.30
	20	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.60	4.50	7.10	4.30
	21	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.60	4.50	7.10	4.30
	23	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.60	4.50	7.10	4.30
	25	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.60	4.50	7.10	4.30
	27	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.60	4.50	7.10	4.30
	29	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.60	4.50	7.10	4.30
	31	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.60	4.50	7.10	4.30
	33	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.60	4.50	7.10	4.30
	35	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.60	4.50	7.10	4.30
	37	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.60	4.50	7.00	4.20
	39	4.10	3.50	4.90	4.00	5.60	4.50	6.00	4.50	6.20	4.50	6.50	4.40	6.80	4.10
42	4.10	3.50	4.90	4.00	5.60	4.50	5.80	4.40	6.10	4.40	6.30	4.30	6.40	3.80	
44	4.10	3.50	4.90	4.00	5.40	4.40	5.70	4.30	5.80	4.30	5.90	4.20	6.00	3.60	

2 Capacity table

4Way Cassette S (600 x 600)

Heating

TC : Total Capacity

Model	Outdoor temperature (°C)		Indoor temperature (°C, DB)				
			16.0	18.0	20.0	22.0	24.0
	DB	WB	TC kW	TC kW	TC kW	TC kW	TC kW
1.50	-20	-21	1.00	1.00	1.00	1.00	0.90
	-17	-18	1.00	1.00	1.00	1.00	0.90
	-15	-16	1.10	1.10	1.00	1.00	0.90
	-12	-13	1.10	1.10	1.10	1.10	1.00
	-10	-11	1.20	1.20	1.20	1.20	1.10
	-7	-8	1.30	1.30	1.30	1.30	1.20
	-5	-6	1.40	1.40	1.30	1.30	1.20
	-3	-4	1.40	1.40	1.40	1.30	1.30
	0	-1	1.50	1.50	1.50	1.40	1.40
	3	2	1.50	1.50	1.50	1.40	1.40
	5	4	1.60	1.60	1.60	1.50	1.40
	7	6	1.70	1.70	1.70	1.60	1.40
	9	8	1.80	1.70	1.70	1.60	1.40
	11	10	1.80	1.70	1.70	1.60	1.40
	13	12	2.00	1.80	1.70	1.60	1.40
15	14	2.10	1.80	1.70	1.60	1.40	
2.20	-20	-21	1.50	1.50	1.50	1.50	1.50
	-17	-18	1.60	1.60	1.60	1.60	1.60
	-15	-16	1.70	1.60	1.60	1.60	1.60
	-12	-13	1.80	1.80	1.80	1.80	1.70
	-10	-11	2.00	2.00	1.90	1.90	1.90
	-7	-8	2.30	2.20	2.20	2.00	2.00
	-5	-6	2.40	2.30	2.30	2.20	2.20
	-3	-4	2.50	2.50	2.40	2.30	2.20
	0	-1	2.60	2.50	2.50	2.30	2.20
	3	2	2.70	2.60	2.50	2.30	2.20
	5	4	2.80	2.70	2.50	2.30	2.20
	7	6	2.80	2.70	2.50	2.30	2.20
	9	8	3.00	2.70	2.50	2.30	2.20
	11	10	3.00	2.70	2.50	2.30	2.20
	13	12	3.00	2.70	2.50	2.30	2.20
15	14	3.00	2.70	2.50	2.30	2.20	
2.80	-20	-21	1.90	1.90	1.90	1.90	1.90
	-17	-18	2.00	2.00	2.00	2.00	1.90
	-15	-16	2.10	2.10	2.00	2.00	1.90
	-12	-13	2.20	2.20	2.20	2.10	2.10
	-10	-11	2.30	2.30	2.30	2.30	2.20
	-7	-8	2.50	2.40	2.40	2.40	2.30
	-5	-6	2.60	2.60	2.50	2.50	2.40
	-3	-4	2.80	2.70	2.70	2.60	2.50
	0	-1	2.90	2.80	2.80	2.70	2.60
	3	2	3.00	3.00	2.90	2.80	2.70
	5	4	3.20	3.10	3.10	2.90	2.70
	7	6	3.30	3.20	3.20	3.00	2.70
	9	8	3.40	3.30	3.20	3.00	2.70
	11	10	3.50	3.30	3.20	3.00	2.70
	13	12	3.60	3.40	3.20	3.00	2.70
15	14	3.70	3.40	3.20	3.00	2.70	
3.60	-20	-21	2.40	2.40	2.30	2.30	2.30
	-17	-18	2.60	2.50	2.40	2.40	2.30
	-15	-16	2.70	2.60	2.50	2.50	2.40
	-12	-13	2.80	2.70	2.70	2.60	2.60
	-10	-11	2.90	2.90	2.90	2.80	2.80
	-7	-8	3.10	3.10	3.00	3.00	2.90
	-5	-6	3.30	3.20	3.20	3.10	3.00
	-3	-4	3.40	3.40	3.30	3.20	3.10
	0	-1	3.60	3.60	3.50	3.40	3.20
	3	2	3.80	3.70	3.70	3.50	3.40
	5	4	3.90	3.90	3.80	3.60	3.40
	7	6	4.10	4.10	4.00	3.70	3.40
	9	8	4.20	4.10	4.00	3.70	3.40
	11	10	4.40	4.20	4.00	3.70	3.40
	13	12	4.50	4.20	4.00	3.70	3.40
15	14	4.60	4.30	4.00	3.70	3.40	
4.50	-20	-21	3.10	3.10	2.90	2.90	2.90
	-17	-18	3.20	3.20	3.10	3.00	3.00
	-15	-16	3.30	3.30	3.20	3.10	3.00
	-12	-13	3.50	3.40	3.40	3.30	3.20
	-10	-11	3.70	3.60	3.60	3.50	3.50
	-7	-8	3.90	3.80	3.80	3.70	3.60
	-5	-6	4.10	4.00	4.00	3.90	3.70
	-3	-4	4.30	4.20	4.20	4.00	3.90
	0	-1	4.50	4.40	4.40	4.20	4.00
	3	2	4.68	4.68	4.60	4.44	4.21
	5	4	4.92	4.84	4.76	4.52	4.21
	7	6	5.10	5.10	5.00	4.60	4.20
	9	8	5.30	5.20	5.00	4.60	4.20
	11	10	5.50	5.20	5.00	4.60	4.20
	13	12	5.60	5.30	5.00	4.60	4.20
15	14	5.80	5.40	5.00	4.60	4.20	
5.60	-20	-21	3.90	3.80	3.80	3.70	3.70
	-17	-18	4.00	4.00	3.90	3.80	3.80
	-15	-16	4.20	4.10	4.00	3.90	3.80
	-12	-13	4.40	4.30	4.20	4.20	4.10
	-10	-11	4.60	4.60	4.50	4.40	4.40
	-7	-8	4.90	4.80	4.80	4.70	4.50
	-5	-6	5.20	5.10	5.00	4.90	4.70
	-3	-4	5.40	5.30	5.30	5.10	4.90
	0	-1	5.70	5.60	5.50	5.30	5.00
	3	2	5.90	5.90	5.80	5.60	5.30

2 Capacity table

4Way Cassette S (600 x 600)

Heating

TC : Total Capacity

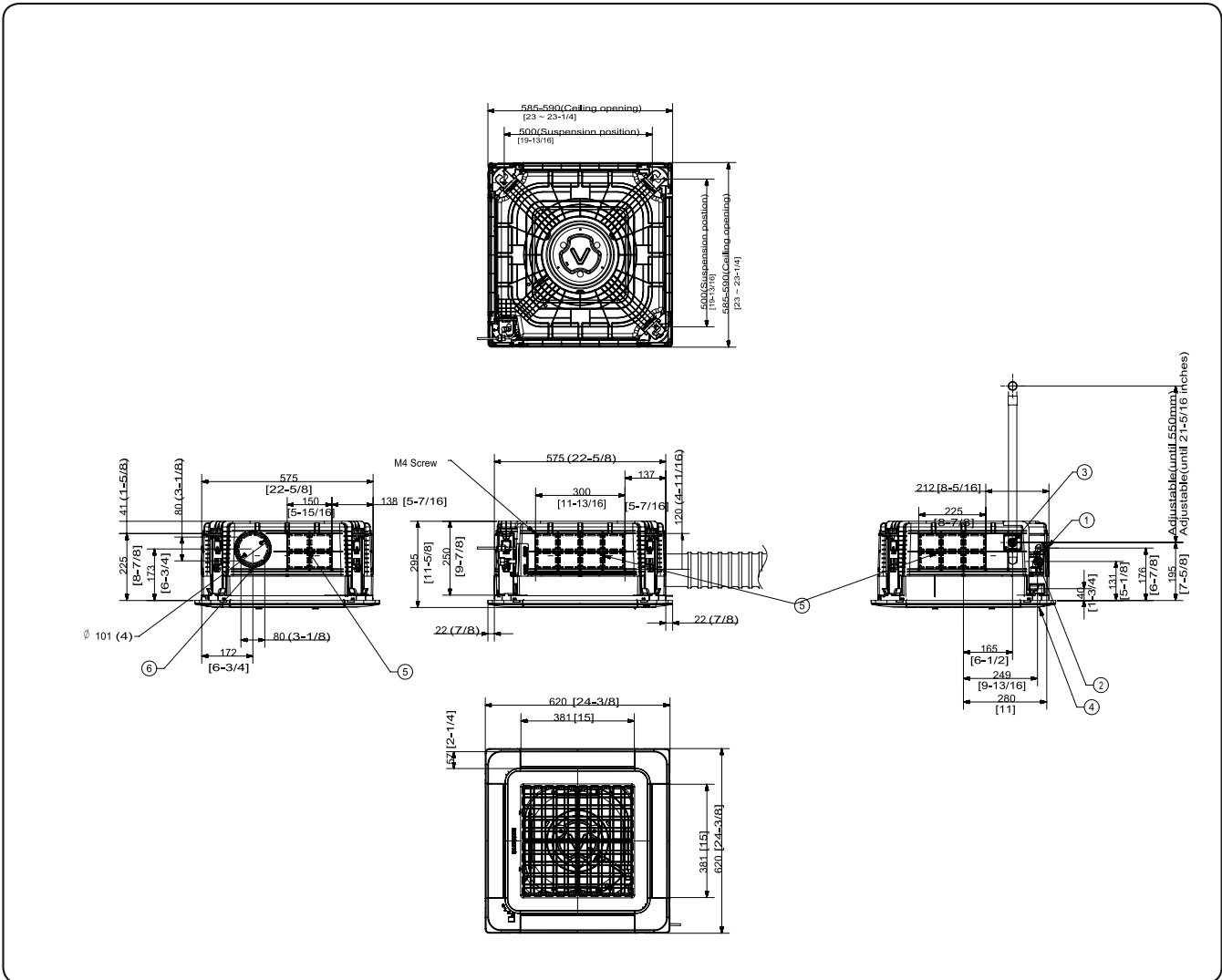
Model	Outdoor temperature (°C)		Indoor temperature (°C, DB)				
			16.0	18.0	20.0	22.0	24.0
	DB	WB	TC kW	TC kW	TC kW	TC kW	TC kW
5.60	5	4	6.20	6.10	6.00	5.70	5.30
	7	6	6.50	6.40	6.30	5.80	5.30
	9	8	6.70	6.50	6.30	5.80	5.30
	11	10	6.90	6.60	6.30	5.80	5.30
	13	12	7.10	6.70	6.30	5.80	5.30
	15	14	7.30	6.80	6.30	5.80	5.30
6.00	-20	-21	4.40	4.30	4.20	4.20	4.20
	-17	-18	4.50	4.40	4.30	4.30	4.20
	-15	-16	4.70	4.60	4.40	4.30	4.20
	-12	-13	4.90	4.80	4.70	4.60	4.50
	-10	-11	5.10	5.10	5.00	4.90	4.90
	-7	-8	5.40	5.40	5.30	5.20	5.10
	-5	-6	5.70	5.60	5.60	5.40	5.20
	-3	-4	6.00	5.90	5.90	5.60	5.40
	0	-1	6.30	6.20	6.10	5.90	5.60
	3	2	6.60	6.50	6.40	6.20	5.90
	5	4	6.90	6.80	6.70	6.30	5.90
	7	6	7.20	7.10	6.80	6.50	5.90
	9	8	7.40	7.20	6.80	6.50	5.90
	11	10	7.60	7.30	6.80	6.50	5.90
	13	12	7.90	7.40	6.80	6.50	5.90
15	14	8.10	7.50	6.80	6.50	5.90	

3 Dimensional drawing

4Way Cassette S (600 x 600)

AM015HNNDEH/EU, AM022FNNDEH/EU, AM028FNNDEH/EU, AM036FNNDEH/EU, AM045FNNDEH/EU, AM056FNNDEH/EU, AM060FNNDEH/EU

Units : mm [inches]

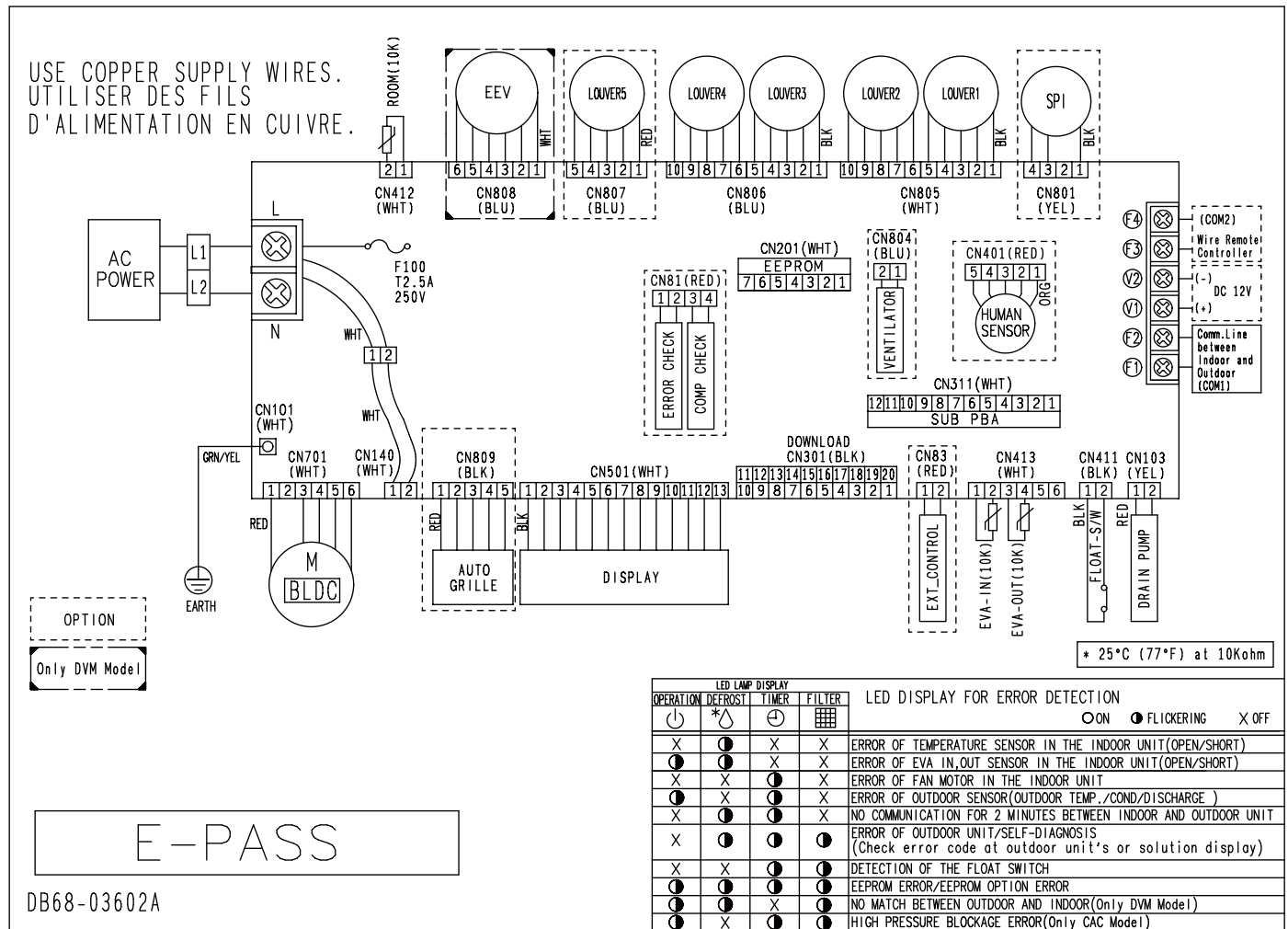


No.	Name	Description
①	Liquid pipe connection	Ø6.35mm (1/4") Flare
②	Gas pipe connection	Ø12.7mm (1/2") Flare
③	Drain pipe connection	VP25 (OD32, ID25)
④	Conduit for power supply & communication wiring	-
⑤	Sub duct connection	Use M4 Screw
⑥	Fresh air intake knockout hole	Φ101[4] , Use M4 Screw

4 Electrical wiring diagram

4Way Cassette S(600x600)

AM015HNNDEH/EU, AM022FNNDEH/EU, AM028FNNDEH/EU, AM036FNNDEH/EU, AM045FNNDEH/EU, AM056FNNDEH/EU, AM060FNNDEH/EU

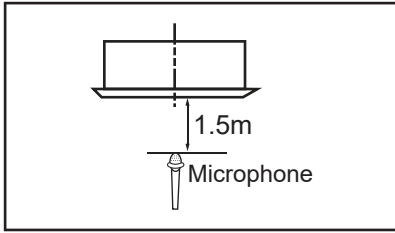


NOTE

1. This wiring diagram applies only to the indoor unit.
2. Symbols show as follow;
BLK : black, RED : red, BLU : blue, WHT:white, YEL : yellow, BRN : brown, SKY : sky-blue, GRN : green
3. For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remotecontroller transmission F3-F4.
4. : Protective earth(screw), : Connector, n : The wire quantity

5 Sound pressure level

4Way Cassette S (600 x 600)



Unit: dB(A)

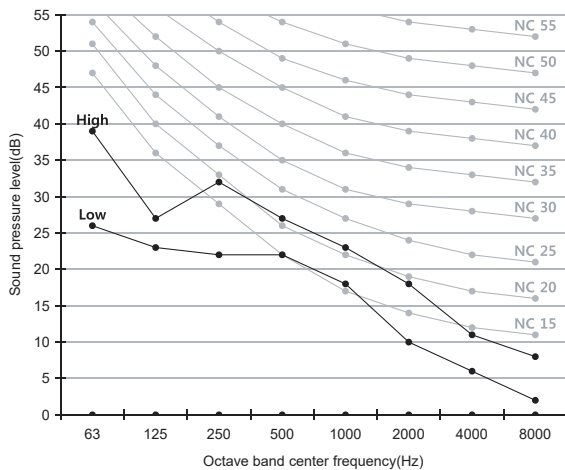
Model	High	Low
AM015HNNDEH/EU	30	23
AM022FNNDEH/EU	32	25
AM028FNNDEH/EU	33	26
AM036FNNDEH/EU	34	26

Note

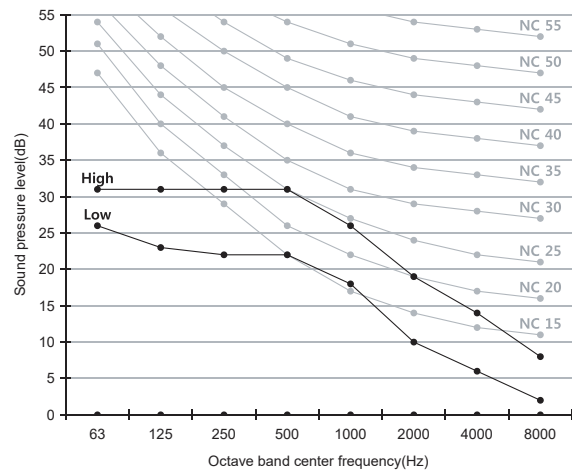
Specifications may be subject to change without prior notice.
 Sound pressure level is obtained in an anechoic room.
 Sound pressure level is a relative value, depending on the distance and acoustic environment.
 Sound pressure level may differ depending on operation condition.
 dBA = A-weighted sound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

NC curve

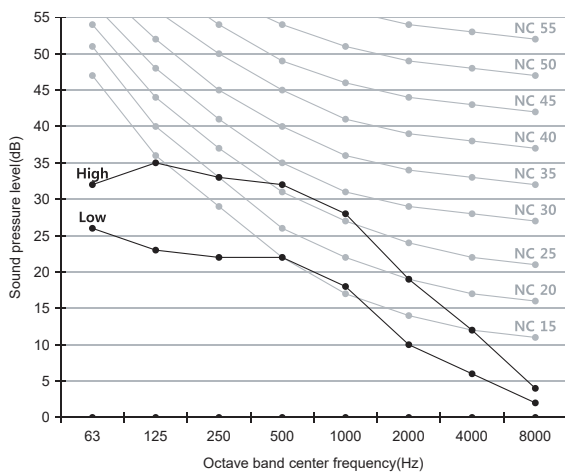
1) AM015HNNDEH/EU



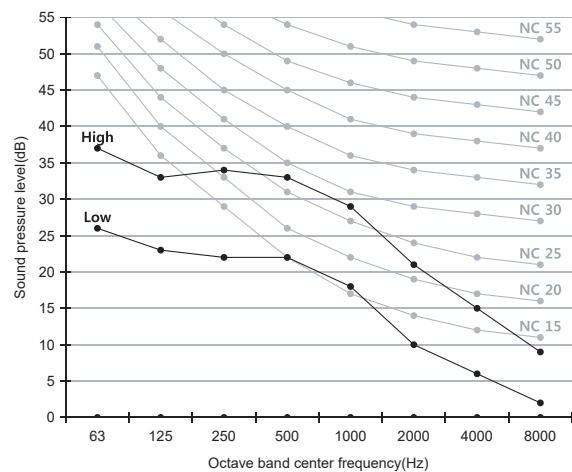
2) AM022FNNDEH/EU



3) AM028FNNDEH/EU

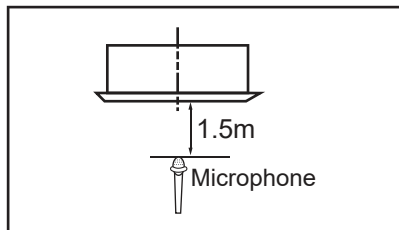


4) AM036FNNDEH/EU



5 Sound pressure level

4Way Cassette S (600 x 600)



Unit: dB(A)

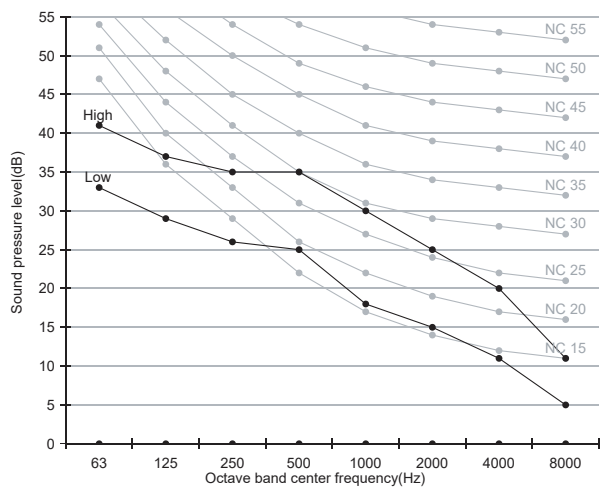
Model	High	Low
AM045FNNDEH/EU	36	32
AM056FNNDEH/EU	39	33
AM060FNNDEH/EU	40	35

Note

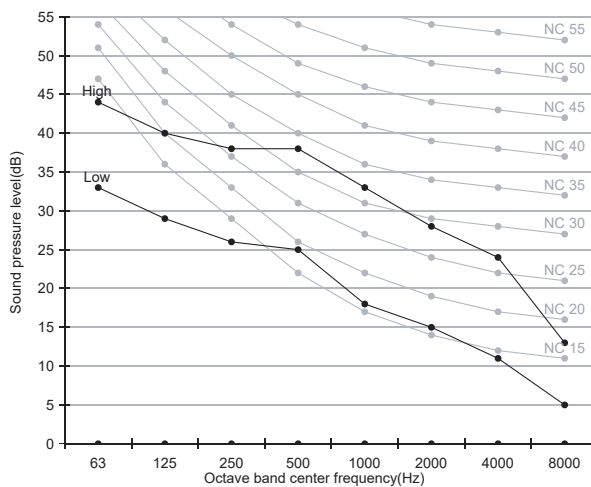
Specifications may be subject to change without prior notice.
 Sound pressure level is obtained in an anechoic room.
 Sound pressure level is a relative value, depending on the distance and acoustic environment.
 Sound pressure level may differ depending on operation condition.
 dBA = A-weighted sound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

NC curve

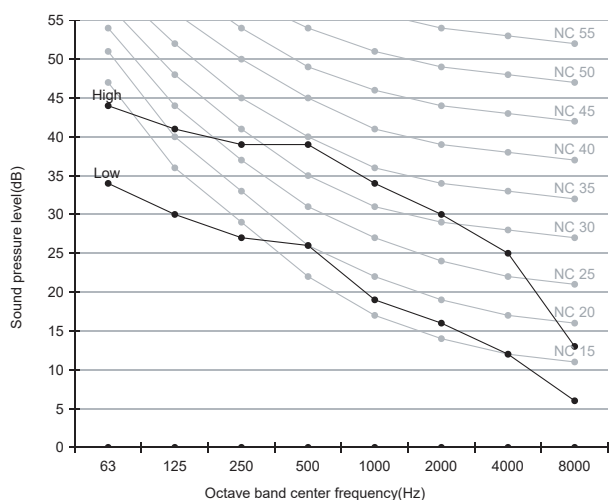
1) AM045FNNDEH/EU



2) AM056FNNDEH/EU



3) AM060FNNDEH/EU



6 Sound power level

4Way Cassette S (600 x 600)

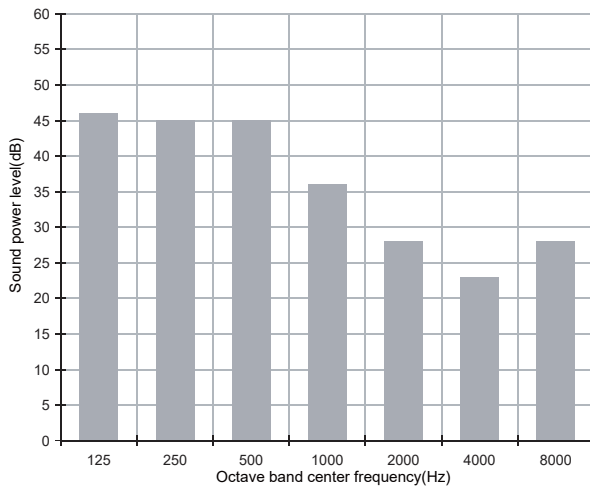
Note

- . 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

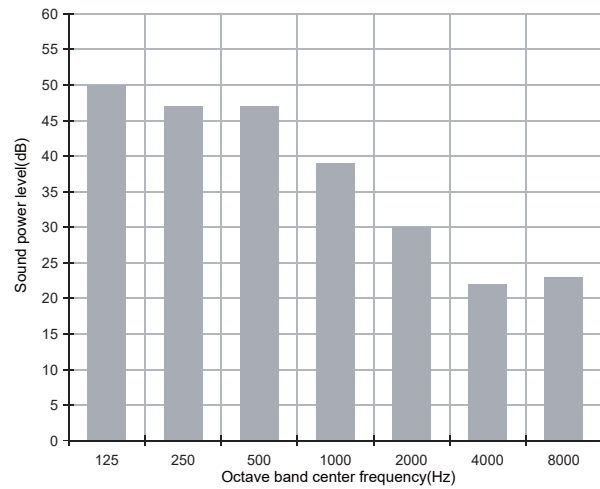
Unit: dB(A)

Model	Power
AM015HNNDEH/EU	46
AM022FNNDEH/EU	47
AM028FNNDEH/EU	50
AM036FNNDEH/EU	51

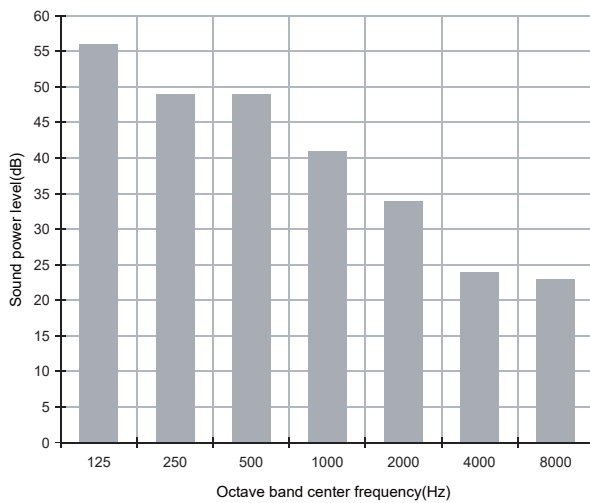
1)AM015HNNDEH/EU



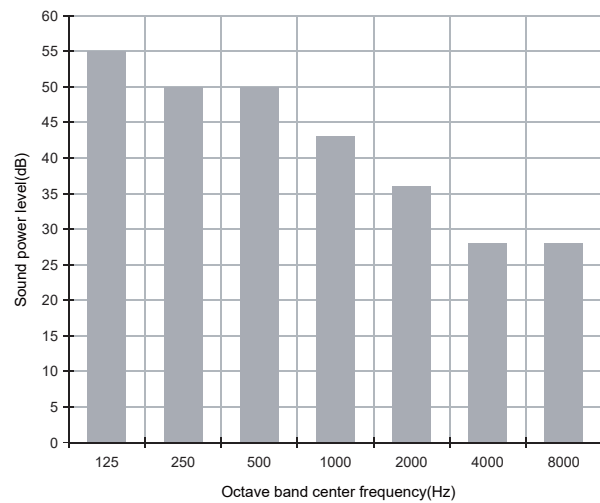
2)AM022FNNDEH/EU



3)AM028FNNDEH/EU



4)AM036FNNDEH/EU



6 Sound power level

4Way Cassette S (600 x 600)

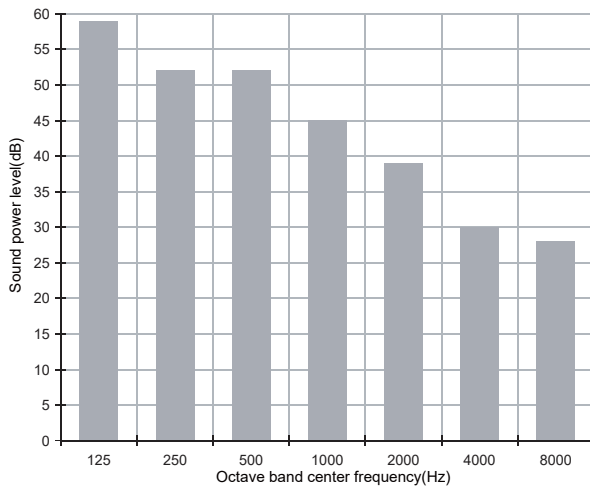
Note

- . 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

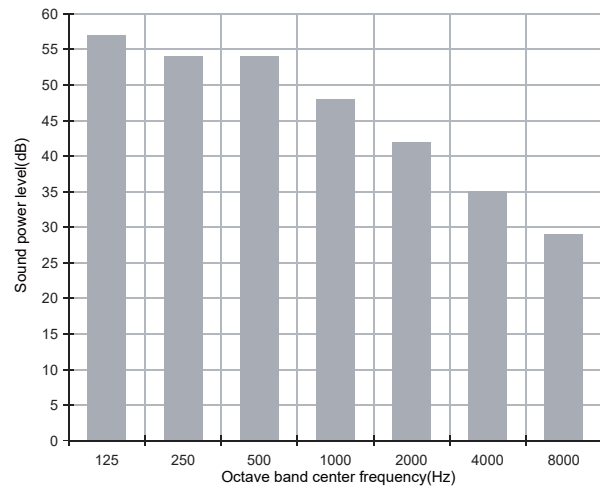
Unit: dB(A)

Model	Power
AM045FNNDEH/EU	53
AM056FNNDEH/EU	56
AM060FNNDEH/EU	57

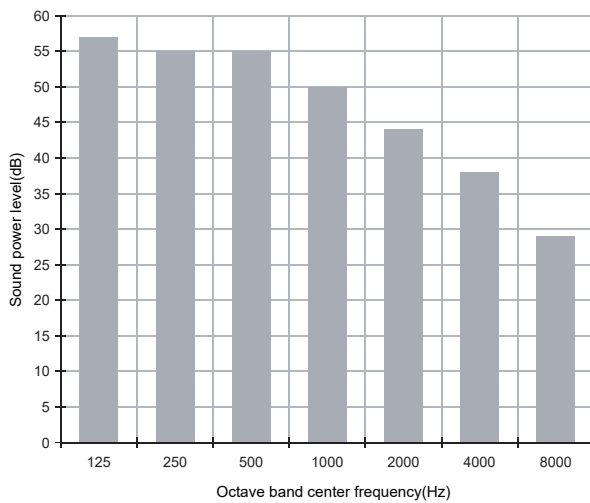
1)AM045FNNDEH/EU



2)AM056FNNDEH/EU



3)AM060FNNDEH/EU



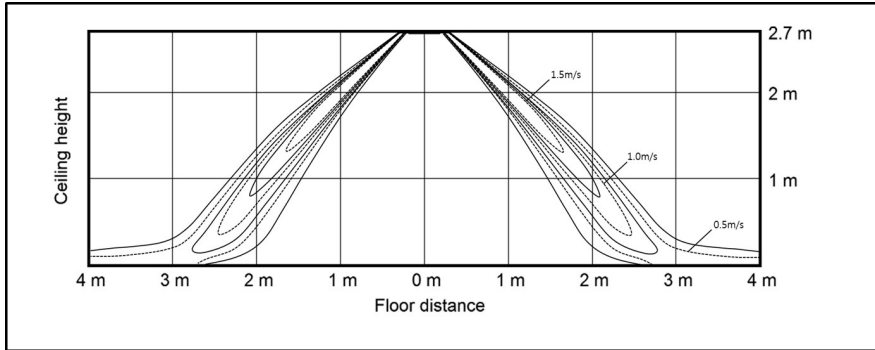
7 Temperature and air flow distribution

4Way Cassette S(600x600)

AM015HNNDEHEU

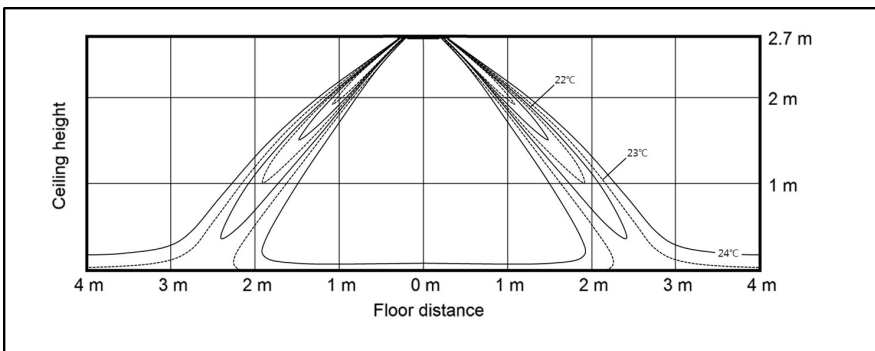
(1) Cooling air velocity distribution

Discharge angle : 41°



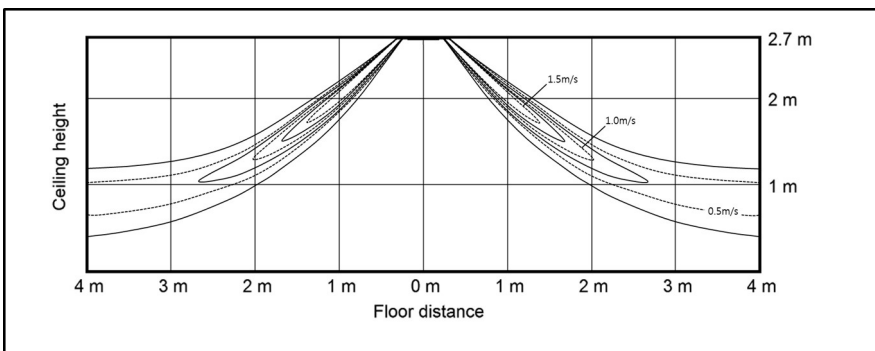
(2) Cooling temperature distribution

Discharge angle : 41°



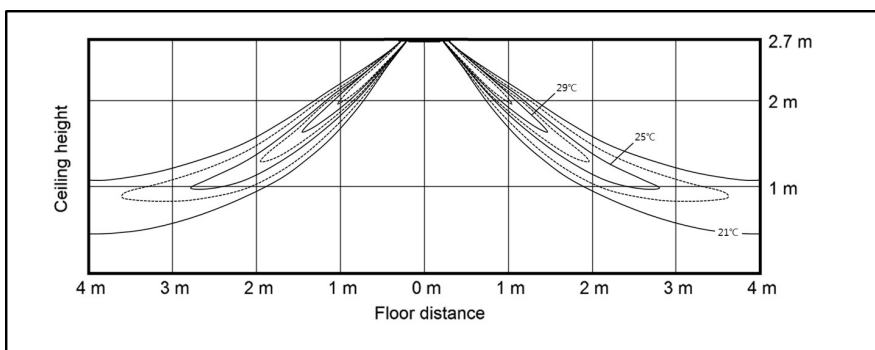
(3) Heating air velocity distribution

Discharge angle : 43°



(4) Heating temperature distribution

Discharge angle : 43°



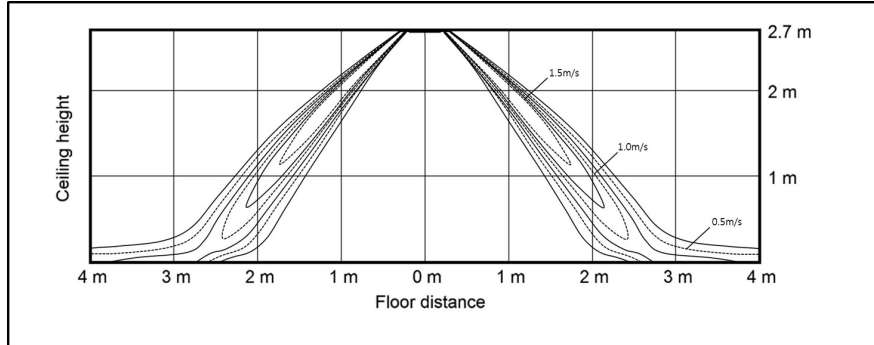
7 Temperature and air flow distribution

4Way Cassette S(600x600)

AM022FNNDEH/EU

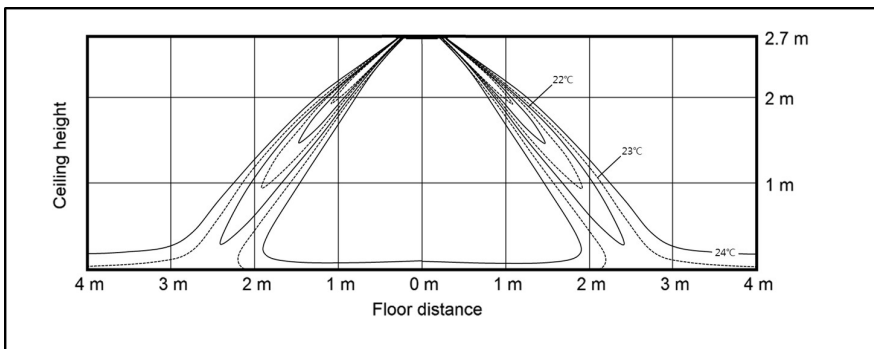
(1) Cooling air velocity distribution

Discharge angle : 41°



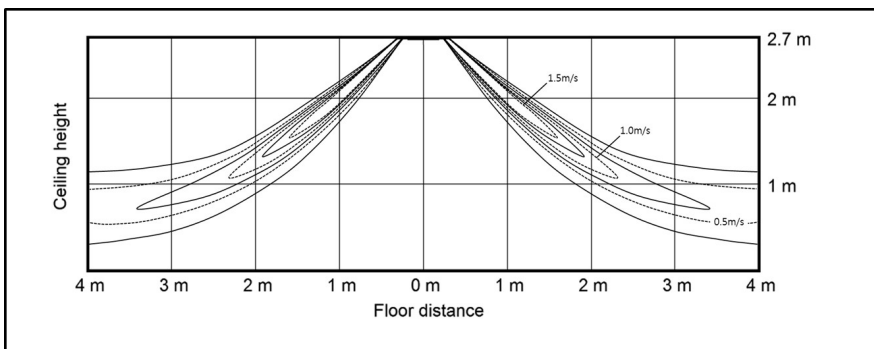
(2) Cooling temperature distribution

Discharge angle : 41°



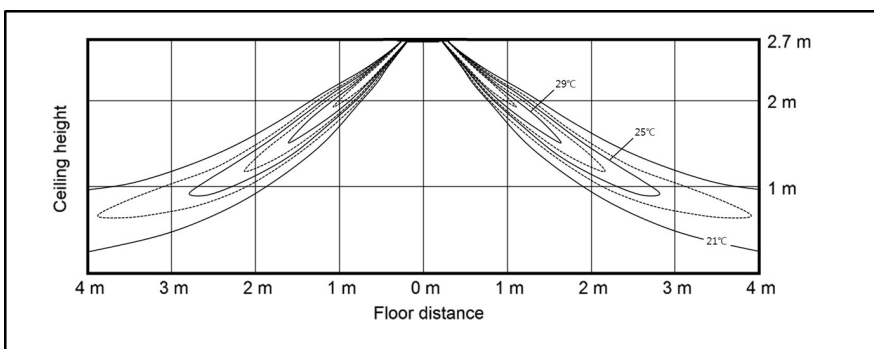
(3) Heating air velocity distribution

Discharge angle : 43°



(4) Heating temperature distribution

Discharge angle : 43°



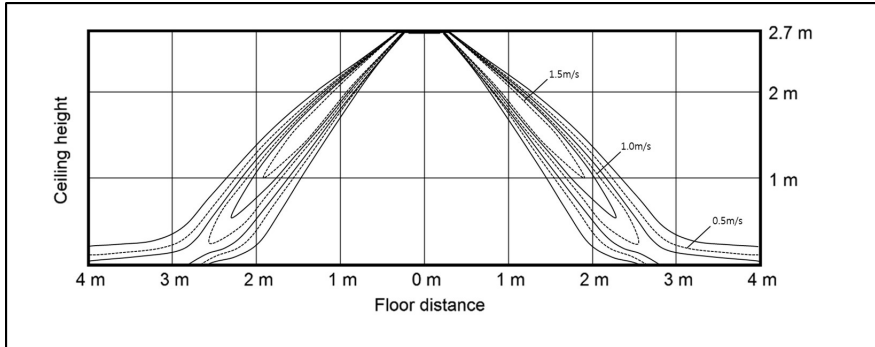
7 Temperature and air flow distribution

4Way Cassette S(600x600)

AM028FNNDEH/EU

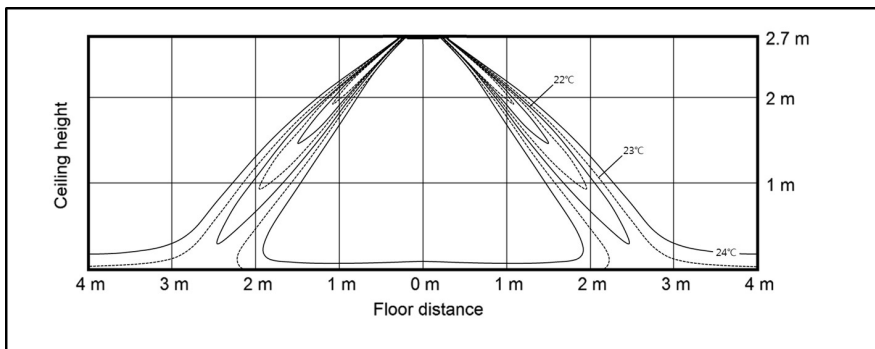
(1) Cooling air velocity distribution

Discharge angle : 41°



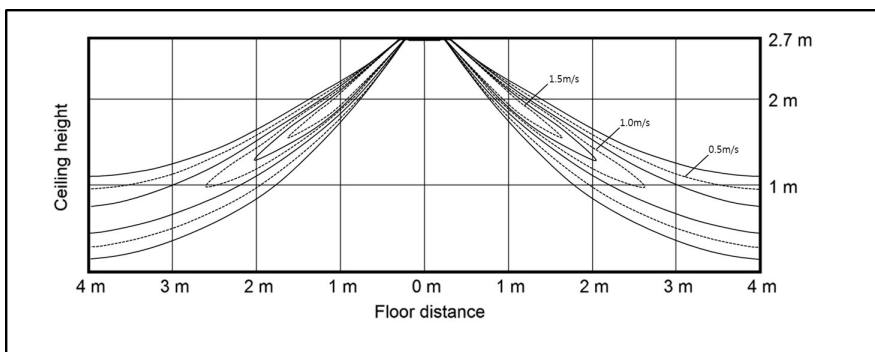
(2) Cooling temperature distribution

Discharge angle : 41°



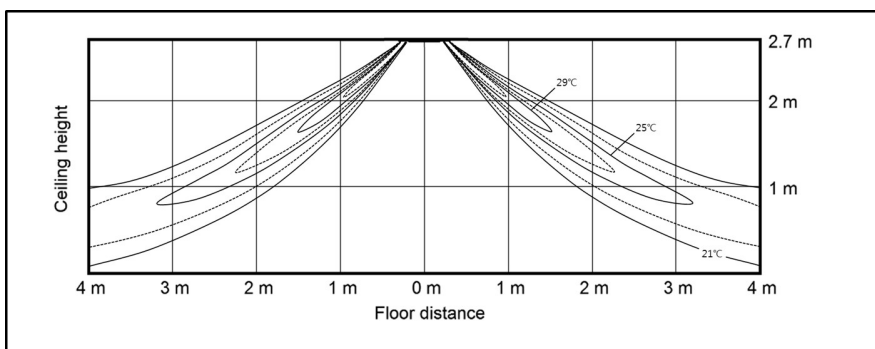
(3) Heating air velocity distribution

Discharge angle : 43°



(4) Heating temperature distribution

Discharge angle : 43°



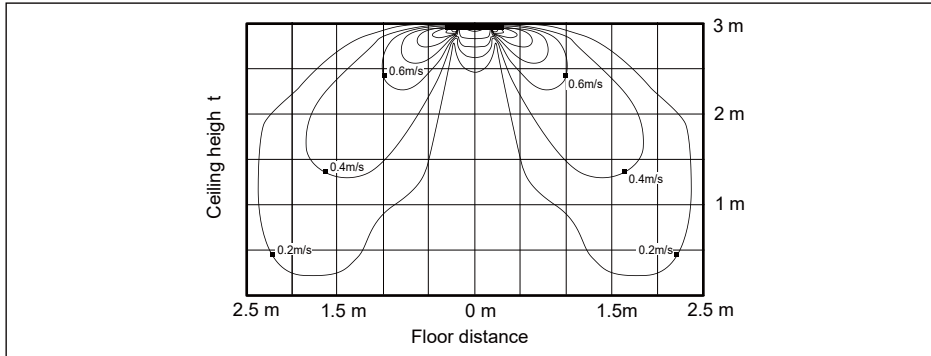
7 Temperature and air flow distribution

4Way Cassette S(600x600)

AM036FNNDEH/EU

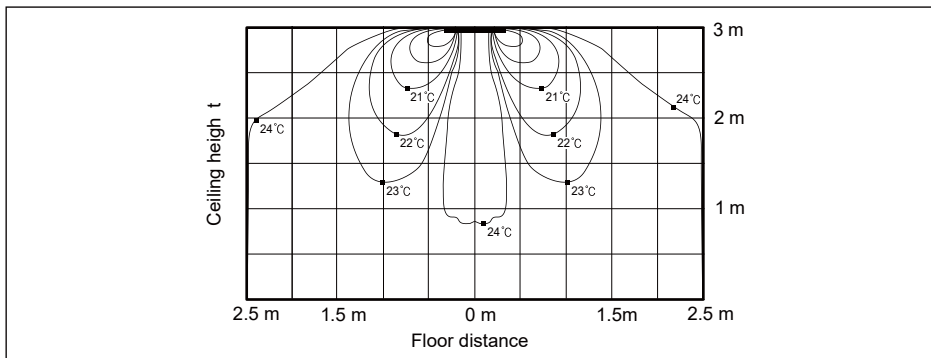
(1) Cooling air velocity distribution

Discharge angle : 37°



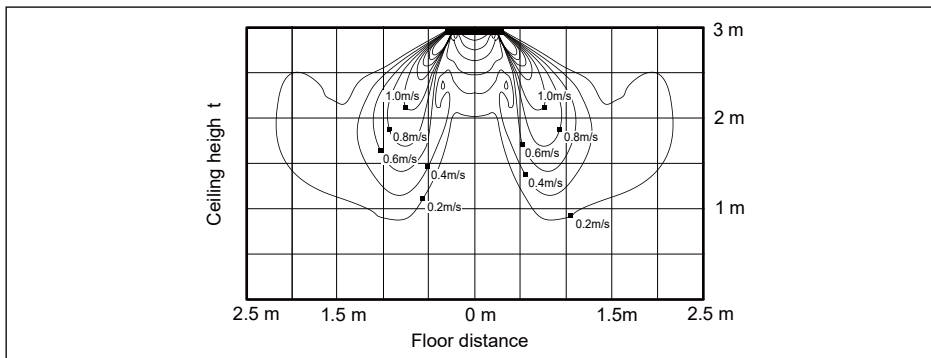
(2) Cooling temperature distribution

Discharge angle : 37°



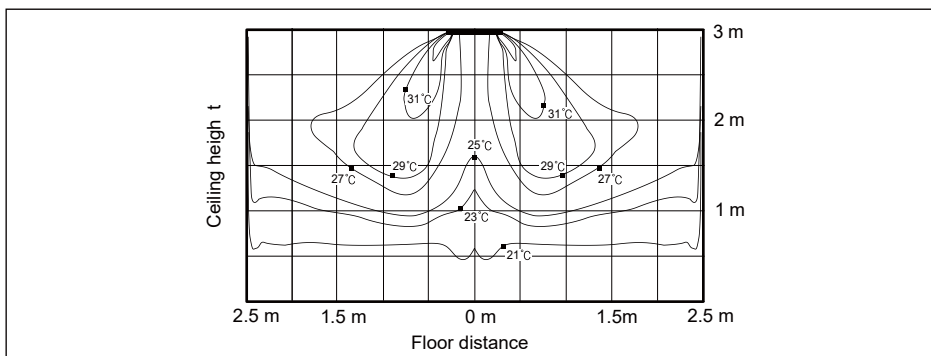
(3) Heating air velocity distribution

Discharge angle : 49°



(4) Heating temperature distribution

Discharge angle : 49°



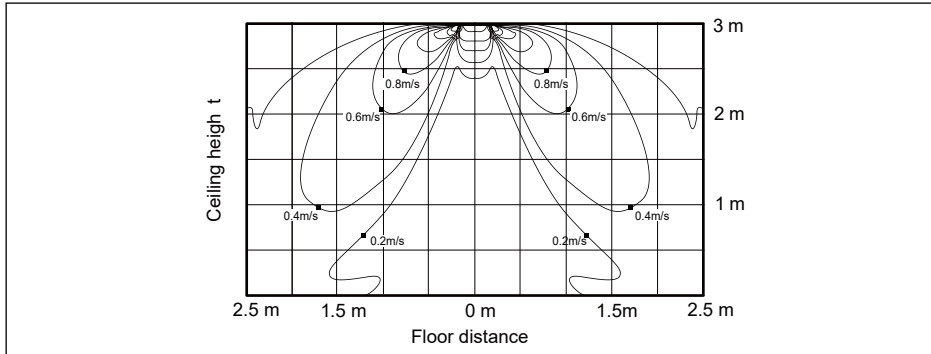
7 Temperature and air flow distribution

4Way Cassette S(600x600)

AM060FNNDEH/EU

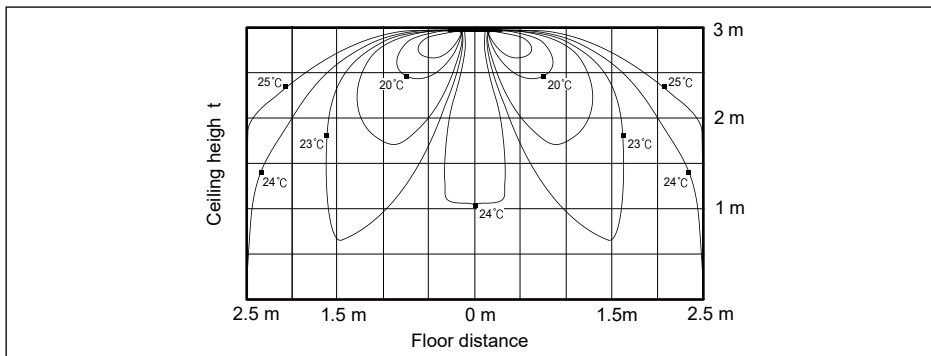
(1) Cooling air velocity distribution

Discharge angle : 37°



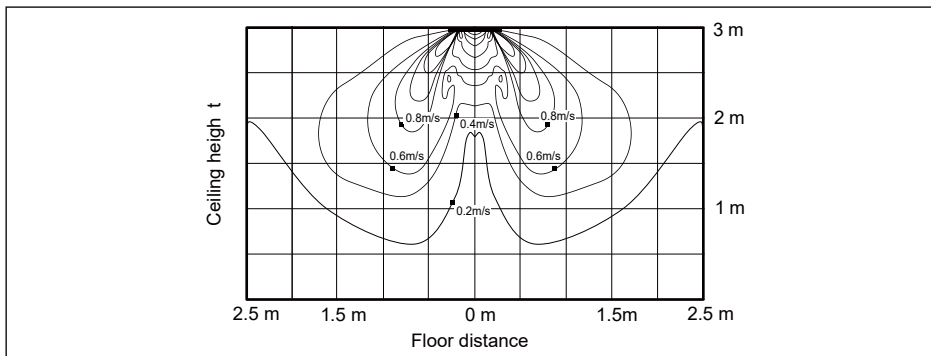
(2) Cooling temperature distribution

Discharge angle : 37°



(3) Heating air velocity distribution

Discharge angle : 49°



(4) Heating temperature distribution

Discharge angle : 49°

