Specifications

360 Cassette

- 360 degree air supply.
- Bladeless discharge. Booster fans can be individually controlled, allowing for completely horizontal flow discharge. Coandă effect is created even without ceiling.
- Built-in condensation drain pump.
- Predisposition of the air inlet to let fresh air in.
- Compatible with Wi-Fi Kit controller.
- Circular or square cassette panel.
- Motion Detector Sensor included.

Model				AM045KN4DEH/EU	AM056KN4DEH/EU	AM071KN4DEH/EU
Power Supply			Φ, #, V, Hz	1Φ, 2, 220~240 V, 50 Hz	1Φ, 2, 220~240 V, 50 Hz	1Φ, 2, 220~240 V, 50 Hz
Performance	Capacity (Nominal)	Cooling	kW	4.5	5.6	7.1
		Heating		5.0	6.3	8.0
Power	Power Input (Nominal)	Cooling	W	26	30	34
		Heating		26	30	34
	Current Input (Nominal)	Cooling	A	0.18	0.21	0.25
		Heating		0.18	0.21	0.25
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan
		Output x n	w	65 x 1	65 x 1	65 x 1
	Airflow Rate	H/M/L (UL)	m^3/min	14.50/13.50/12.50	16.00/14.50/13.50	18.00/16.00/14.00
			l/s	241.67/225.00/208.33	266.67/241.67/225.00	300.00/266.67/233.33
Piping Connections	Liquid Pipe		ø, mm	6.35	6.35	9.52
			ø, inch	1/4	1/4	3/8
	Gas Pipe		ø, mm	12.70	12.70	15.88
			ø, inch	1/2	1/2	5/8
	Drain Pipe		ø, mm	VP25 (OD 32, ID 25)	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	1.5~2.5
	Transmission Cable		mm^2	0.75~1.50	0.75~1.50	0.75~1.50
Refrigerant	Type		-	R410A(Fluorinated greenhouse gas, GWP=2,088)		
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound [2]	Pressure	(H/M/L)	dB(A)	33/31/29	34/32/29	36/33/30
	Power	Cooling		50	51	53
Dimension	Net Weight		kg	21.0	21.0	21.0
	Net Dimensions (W x H x D)		mm	947 x 281 x 947	947 x 281 x 947	947 x 281 x 947
Panel	Model Name		-	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN

Accessories

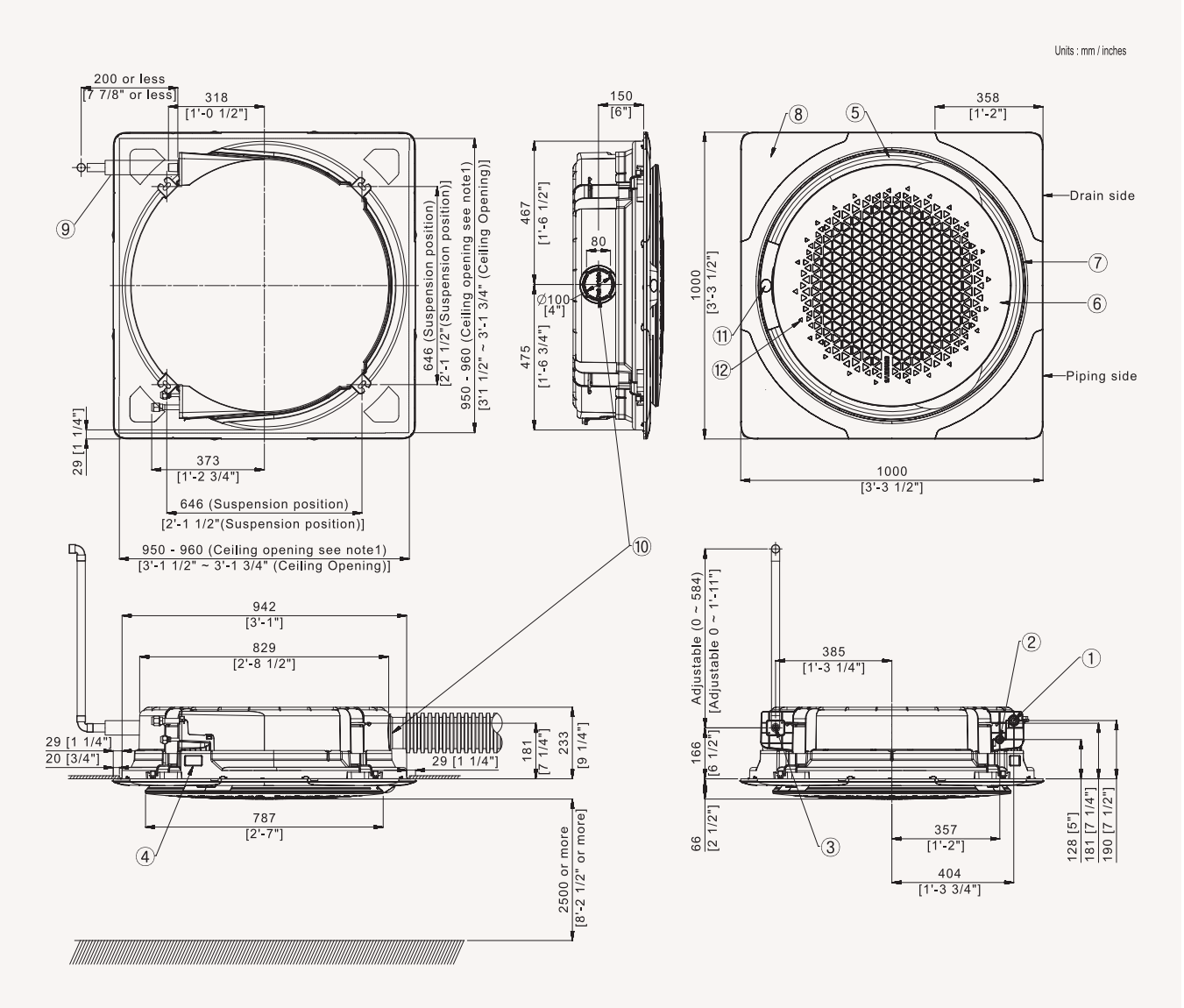
					
Wireless Remote Controller	Simple Type Controller	Touch Controller	Wired Remote Controller	Wired Remote Controller	Wi-Fi Kit
AR-KH03E	MWR-SH00N	MWR-SH11N	MWR-WE13N	MWR-WG00*N	MIM-H04EN
					
External Room Sensor	Panel (Mandatory)	Panel (Mandatory)	Panel (Mandatory)	Panel (Mandatory)	
MRW-TA	PC4NUDMAN	PC4NUNMAN	PC4NBDMAN	PC4NBNMAN	

AM090KN4DEH/EU	AM112KN4DEH/EU	AM128KN4DEH/EU	AM140KN4DEH/EU
1Φ, 2, 220–240 V, 50 Hz	1Φ, 2, 220–240 V, 50 Hz	1Φ, 2, 220–240 V, 50 Hz	1Φ, 2, 220–240 V, 50 Hz
9.0	11.2	12.8	14.0
10.0	12.5	13.8	16.0
55	53	77	91
55	53	77	91
0.42	0.41	0.62	0.75
0.42	0.41	0.62	0.75
Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
65 x 1	97 x 1	97 x 1	97 x 1
22.00/18.50/16.00	25.50/21.00/17.50	29.50/24.00/19.00	31.50/26.50/21.00
366.67/308.33/266.67	425.00/350.00/291.67	491.67/400.00/316.67	525.00/441.67/350.00
9.52	9.52	9.52	9.52
3/8	3/8	3/8	3/8
15.88	15.88	15.88	15.88
5/8	5/8	5/8	5/8
VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
1.5–2.5	1.5–2.5	1.5–2.5	1.5–2.5
0.75–1.50	0.75–1.50	0.75–1.50	0.75–1.50
R410A(Fluorinated greenhouse gas, GWP=2,088)			
EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
40/36/32	40/36/32	42/38/33	44/40/35
57	58	60	61
21.0	24.0	24.0	24.0
947 x 281 x 947	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947
PC4NUDMAN	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN

Dimensional drawings

360 Cassette (square)

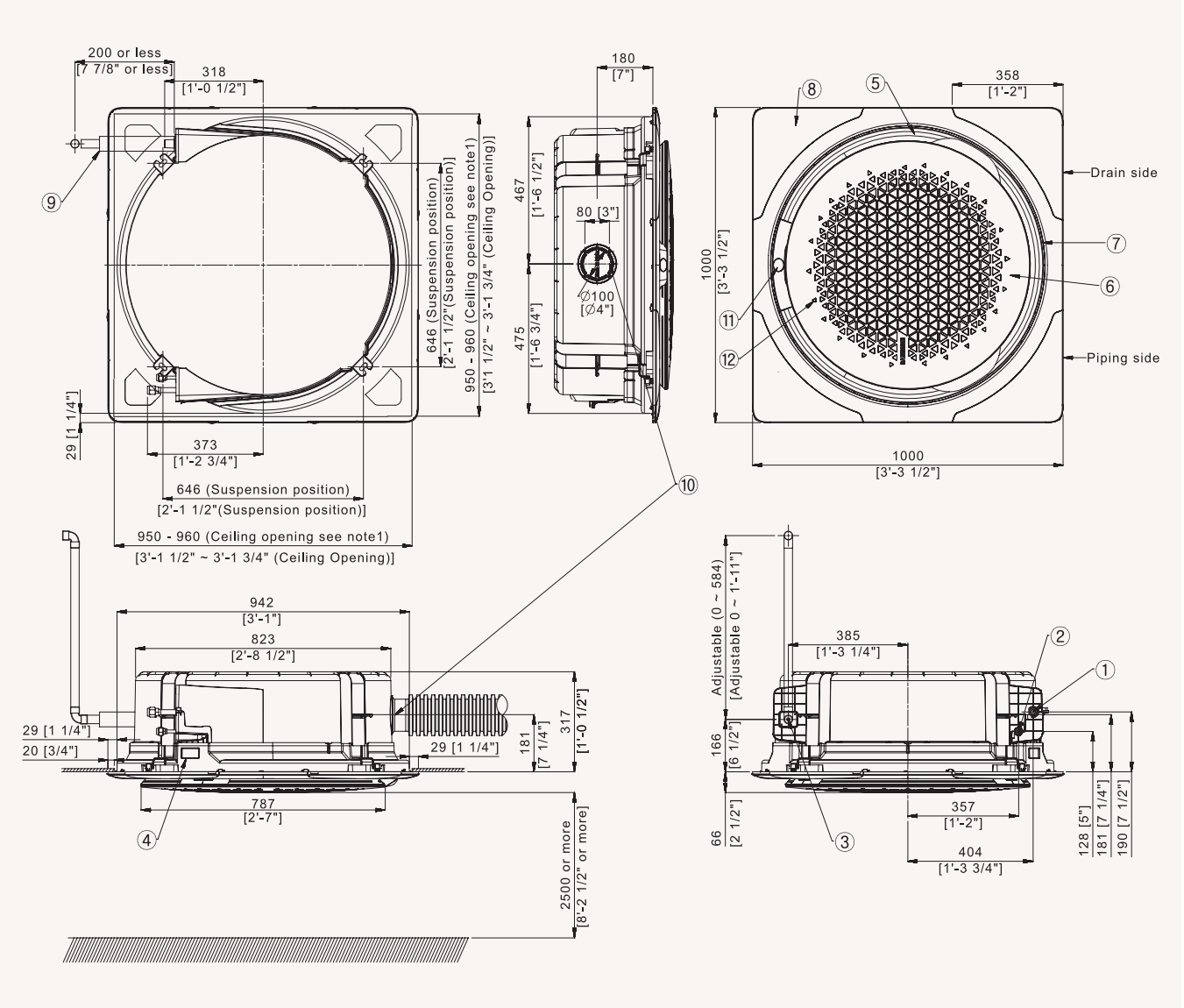
AM045KN4DEH/EU, AM056KN4DEH/EU, AM071KN4DEH/EU, AM090KN4DEH/EU



NO	Name
1	Refrigerant liquid pipe
2	Refrigerant gas pipe
3	Condensate drain
4	Power supply/communication wiring conduits
5	Air discharge opening
6	Air suction grille
7	Suction rim for booster fan
8	Corner decoration cover
9	Drain hose
10	Fresh air intake knock-out hole
11	Display window
12	Infrared receiver

1. Make sure the spacing between the ceiling and the cassette is no more than 29 mm [1 1/4"]. Max ceiling opening: 960 mm [3'1 3/4"]
2. When the conditions exceed 30 °C and RH 80 % in the ceiling or fresh air inducted into the ceiling, additional insulation is required (polythene foam, thickness 10 mm [3/8"] or more)
3. Open type panel model code: PC4NUDMAN

AM112KN4DEH/EU, AM128KN4DEH/EU AM140KN4DEH/EU



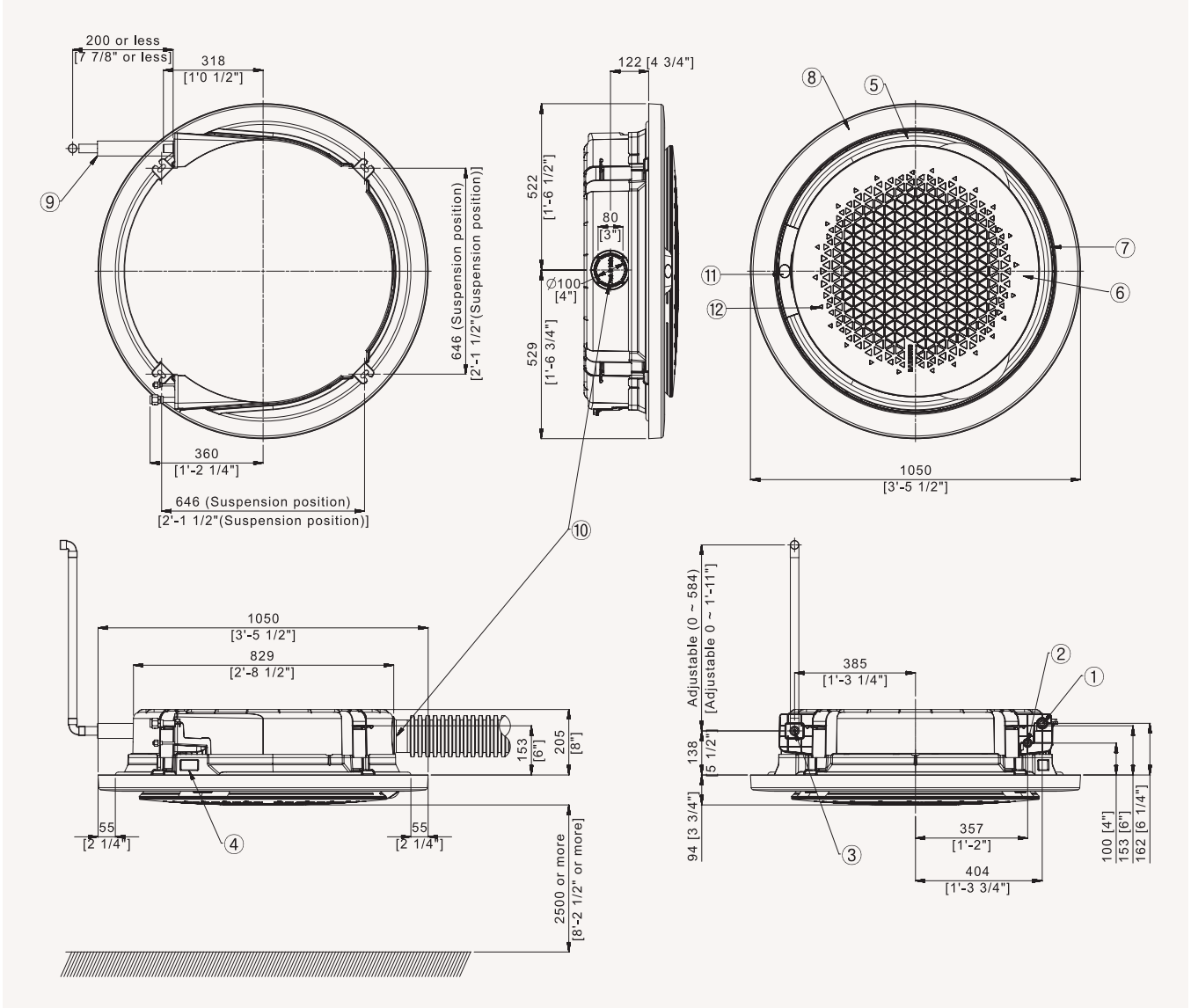
NO	Name
1	Refrigerant liquid pipe
2	Refrigerant gas pipe
3	Condensate drain
4	Power supply/communication wiring conduits
5	Air discharge opening
6	Air suction grille
7	Suction rim for booster fan
8	Corner decoration cover
9	Drain hose
10	Fresh air intake knock-out hole
11	Display window
12	Infrared receiver

1. Make sure the spacing between the ceiling and the cassette is no more than 29 mm [1 1/4"]. Max ceiling opening: 960 mm [3'1 3/4"]
2. When the conditions exceed 30 °C and RH 80 % in the ceiling or fresh air inducted into the ceiling, additional insulation is required (polythene foam, thickness 10 mm [3/8"] or more)
3. Open type panel model code: PC4NUDMAN

Dimensional drawings

360 Cassette (circular)

AM045KN4DEH/EU, AM056KN4DEH/EU, AM071KN4DEH/EU, AM090KN4DEH/EU

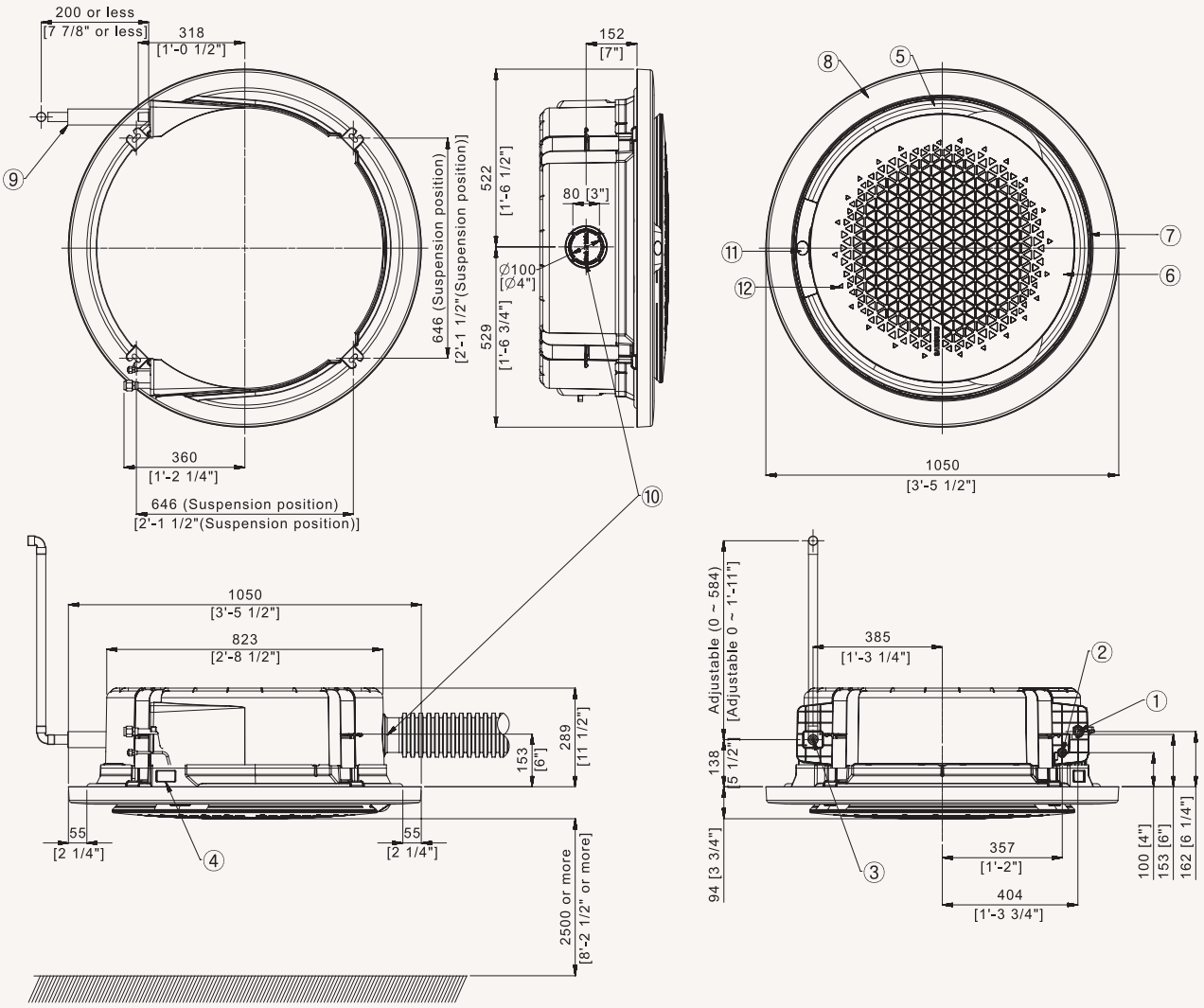


NO	Name
1	Refrigerant liquid pipe
2	Refrigerant gas pipe
3	Condensate drain
4	Power supply/communication wiring conduits
5	Air discharge opening
6	Air suction grille
7	Suction rim for booster fan
8	Corner decoration cover
9	Drain hose
10	Fresh air intake knock-out hole
11	Display window
12	Infrared receiver

Category	Inspection hole		
	Recessed installation		Exposed installation
	Integrated	Suspended	
Square Panel	1 ea	-	
Circle Panel	2 ea		

1. Make sure the spacing between the ceiling and the cassette is no more than 10 mm [3/8"].
2. When the conditions exceed 30 °C and RH 80 % in the ceiling or fresh air inducted into the ceiling, additional insulation is required (polythene foam, thickness 10 mm [3/8"] or more)
3. Open type panel model code: PC4NUNMAN
4. The circular panel is available by default in the exposed installation.
5. Make inspection holes on the ceiling for easier installation and maintenance, as shown in the following table. (An inspection hole must be at least 450 mm x 450 mm in size.)
6. A suspended ceiling structure can substitute for the inspection holes.

AM112KN4DEH/EU, AM128KN4DEH/EU, AM140KN4DEH/EU



NO	Name
1	Refrigerant liquid pipe
2	Refrigerant gas pipe
3	Condensate drain
4	Power supply/communication wiring conduits
5	Air discharge opening
6	Air suction grille
7	Suction rim for booster fan
8	Corner decoration cover
9	Drain hose
10	Fresh air intake knock-out hole
11	Display window
12	Infrared receiver

Category	Inspection hole		
	Recessed installation		Exposed installation
	Integrated	Suspended	
Square Panel	1 ea	-	
Circle Panel	2 ea		

1. Make sure the spacing between the ceiling and the cassette is no more than 10 mm [3/8"].
2. When the conditions exceed 30 °C and RH 80 % in the ceiling or fresh air inducted into the ceiling, additional insulation is required (polythene foam, thickness 10 mm [3/8"] or more)
3. Open type panel model code: PC4NUNMAN
4. The circular panel is available by default in the exposed installation.
5. Make inspection holes on the ceiling for easier installation and maintenance, as shown in the following table. (An inspection hole must be at least 450 mm x 450 mm in size.)
6. A suspended ceiling structure can substitute for the inspection holes.

360 Cassette

1 Specifications

360 Cassette

Type				360 Cassette	360 Cassette	360 Cassette	360 Cassette
Model				AM045KN4DEH/EU	AM056KN4DEH/EU	AM071KN4DEH/EU	AM090KN4DEH/EU
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			-	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	4.50	5.60	7.10	9.00
			Btu/h	15,400	19,100	24,200	30,700
		Heating	kW	5.00	6.30	8.00	10.00
			Btu/h	17,100	21,500	27,300	34,100
Power	Power Input (Nominal)	Cooling	W	26.00	30.00	34.00	55.00
		Heating		26.00	30.00	34.00	55.00
	Current Input (Nominal)	Cooling	A	0.18	0.21	0.25	0.42
		Heating		0.18	0.21	0.25	0.42
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output x n	w	65 x 1	65 x 1	65 x 1	65 x 1
	Air Flow Rate	H/M/L (UL)	CMM	14.50 / 13.50 / 12.50	16.00 / 14.50 / 13.50	18.00 / 16.00 / 14.00	22.00 / 18.50 / 16.00
			l/s	241.67 / 225.00 / 208.33	266.67 / 241.67 / 225.00	300.00 / 266.67 / 233.33	366.67 / 308.33 / 266.67
	External Pressure	Min/Std/Max	mmAq	-	-	-	-
			Pa	-	-	-	-
Piping Connections	Liquid Pipe		Ø, mm	6.35	6.35	9.52	9.52
			Ø, inch	1/4"	1/4"	3/8"	3/8"
	Gas Pipe		Ø, mm	12.70	12.70	15.88	15.88
			Ø, inch	1/2"	1/2"	5/8"	5/8"
	Drain Pipe		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		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	Pressure	High / Mid / Low	dB(A)	33 / 31 / 29	34 / 32 / 29	36 / 33 / 30	40 / 36 / 32
	Power	Cooling		50	51	53	57
Dimension	Net Weight		kg	21.00	21.00	21.00	21.00
	Shipping Weight		kg	25.90	25.90	25.90	25.90
	Net Dimensions (WxHxD)		mm	947 x 281 x 947	947 x 281 x 947	947 x 281 x 947	947 x 281 x 947
	Shipping Dimensions (WxHxD)		mm	990 x 330 x 990	990 x 330 x 990	990 x 330 x 990	990 x 330 x 990
Panel Size	Panel model		-	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN
	Panel Net Weight		kg	3.60	3.60	3.60	3.60
	Shipping Weight		kg	6.00	6.00	6.00	6.00
	Net Dimensions (WxHxD)		mm	1,000 x 66 x 1,000	1,000 x 66 x 1,000	1,000 x 66 x 1,000	1,000 x 66 x 1,000
	Shipping Dimensions (WxHxD)		mm	1,093 x 85 x 1,083	1,093 x 85 x 1,083	1,093 x 85 x 1,083	1,093 x 85 x 1,083
Additional Accessories	Drain Pump	Drain Pump	- / Model	-	-	-	-
		Max. lifting Height / Displacement	mm/liter/h	-	-	-	-
	Air Filter		-	-	-	-	-

* Specifications may be subject to change without prior notice.
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 : 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 : 5m, Level differences : 0m
3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
4) These products contain R410A which is fluorinated greenhouse gas.
5) Panel type is option. (Ceiling Type/Open Type)
About each detail spec, please refer to Dimensional Drawing pages.
* Heat Exchanger type : Fin & Tube (Fin : Al, Tube : Cu)

1 Specifications

360 Cassette

Type				360 Cassette	360 Cassette	360 Cassette
Model				AM112KN4DEH/EU	AM128KN4DEH/EU	AM140KN4DEH/EU
Power Supply			Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode			-	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	11.20	12.80	14.00
			Btu/h	38,200	43,700	47,800
		Heating	kW	12.50	13.80	16.00
			Btu/h	42,700	47,100	54,600
Power	Power Input (Nominal)	Cooling	W	53.00	77.00	91.00
		Heating		53.00	77.00	91.00
	Current Input (Nominal)	Cooling	A	0.41	0.62	0.75
		Heating		0.41	0.62	0.75
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan
		Output x n	w	97 x 1	97 x 1	97 x 1
	Air Flow Rate	H/M/L (UL)	CMM	25.50 / 21.00 / 17.50	29.50 / 24.00 / 19.00	31.50 / 26.50 / 21.00
			l/s	425.00 / 350.00 / 291.67	491.67 / 400.00 / 316.67	525.00 / 441.67 / 350.00
	External Pressure	Min/Std/Max	mmAq	-	-	-
			Pa	-	-	-
Piping Connections	Liquid Pipe		Ø, mm	9.52	9.52	9.52
			Ø, inch	3/8"	3/8"	3/8"
	Gas Pipe		Ø, mm	15.88	15.88	15.88
			Ø, inch	5/8"	5/8"	5/8"
	Drain Pipe		Ø, mm	VP25 (OD 32,ID 25)	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	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	Pressure	High / Mid / Low	dB(A)	40 / 36 / 32	42 / 38 / 33	44 / 40 / 35
	Power	Cooling		58	60	61
Dimension	Net Weight		kg	24.00	24.00	24.00
	Shipping Weight		kg	29.40	29.40	29.40
	Net Dimensions (WxHxD)		mm	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947
	Shipping Dimensions (WxHxD)		mm	990 x 414 x 990	990 x 414 x 990	990 x 414 x 990
Panel Size	Panel model		-	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN
	Panel Net Weight		kg	3.60	3.60	3.60
	Shipping Weight		kg	6.00	6.00	6.00
	Net Dimensions (WxHxD)		mm	1,000 x 66 x 1,000	1,000 x 66 x 1,000	1,000 x 66 x 1,000
	Shipping Dimensions (WxHxD)		mm	1,093 x 85 x 1,083	1,093 x 85 x 1,083	1,093 x 85 x 1,083
Additional Accessories	Drain Pump	Drain Pump	- / Model	-	-	-
		Max. lifting Height / Displacement	mm/liter/h	-	-	-
	Air Filter		-	-	-	-

* Specifications may be subject to change without prior notice.
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 : 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 : 5m, Level differences : 0m
3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
4) These products contain R410A which is fluorinated greenhouse gas.
5) Panel type is option. (Ceiling Type/Open Type)
About each detail spec, please refer to Dimensional Drawing pages.
* Heat Exchanger type : Fin & Tube (Fin : Al, Tube : Cu)

2 Capacity table

360 Cassette

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Capacity Index	Outdoor Air Temp. (℃,DB)	Indoor temperature													
		20(℃,DB)		23(℃,DB)		26(℃,DB)		27(℃,DB)		28(℃,DB)		30(℃,DB)		32(℃,DB)	
		14(℃,WB)		16(℃,WB)		18(℃,WB)		19(℃,WB)		20(℃,WB)		22(℃,WB)		24(℃,WB)	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
045	10	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.7	3.1	5.0	3.1	5.4	2.9
	12	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.7	3.1	5.0	3.1	5.4	2.9
	14	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.7	3.1	5.0	3.1	5.4	2.9
	16	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.7	3.1	5.0	3.1	5.3	2.8
	18	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.7	3.1	5.0	3.1	5.3	2.8
	20	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.7	3.1	5.0	3.1	5.3	2.8
	21	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.7	3.1	5.0	3.1	5.3	2.8
	23	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.7	3.1	5.0	3.1	5.3	2.8
	25	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.7	3.1	5.0	3.1	5.3	2.8
	27	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.7	3.1	5.0	3.1	5.3	2.8
	29	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.7	3.1	5.0	3.1	5.3	2.8
	31	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.7	3.1	5.0	3.1	5.3	2.8
	33	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.7	3.1	5.0	3.1	5.3	2.8
	35	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.7	3.1	5.0	3.1	5.3	2.8
	37	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.6	3.0	4.9	3.0	5.2	2.7
	39	3.1	2.7	3.7	2.8	4.2	3.0	4.5	3.1	4.6	3.0	4.9	3.0	5.1	2.6
	42	3.1	2.7	3.7	2.8	4.2	3.0	4.4	3.1	4.5	3.0	4.8	2.9	5.0	2.5
	44	3.1	2.7	3.7	2.8	4.1	2.9	4.3	3.0	4.4	2.9	4.6	2.8	4.8	2.4
	46	3.1	2.7	3.7	2.8	4.0	2.9	4.2	2.9	4.3	2.8	4.5	2.7	4.7	2.4
	48	3.1	2.7	3.6	2.7	3.9	2.8	4.0	2.8	4.2	2.7	4.3	2.7	4.5	2.3
056	10	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.3	3.9	6.7	3.7
	12	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.3	3.9	6.7	3.7
	14	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.2	3.8	6.7	3.7
	16	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.2	3.8	6.6	3.6
	18	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.2	3.8	6.6	3.6
	20	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.2	3.8	6.6	3.6
	21	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.2	3.8	6.6	3.6
	23	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.2	3.8	6.6	3.6
	25	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.2	3.8	6.6	3.6
	27	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.2	3.8	6.6	3.6
	29	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.2	3.8	6.6	3.6
	31	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.2	3.8	6.6	3.6
	33	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.2	3.8	6.6	3.6
	35	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.2	3.8	6.6	3.6
	37	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.2	3.8	6.6	3.5
	39	3.9	3.2	4.6	3.5	5.3	3.9	5.6	3.9	5.8	3.9	6.2	3.8	6.6	3.4
	42	3.9	3.2	4.6	3.5	5.3	3.9	5.5	3.8	5.7	3.9	6.1	3.7	6.4	3.3
	44	3.9	3.2	4.6	3.5	5.1	3.8	5.3	3.7	5.6	3.7	5.9	3.6	6.2	3.2
	46	3.9	3.2	4.6	3.5	5.0	3.7	5.2	3.6	5.4	3.6	5.7	3.5	6.0	3.1
	48	3.9	3.2	4.5	3.4	5.0	3.6	5.0	3.5	5.3	3.6	5.5	3.4	5.8	3.0
071	10	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.4	5.0	8.0	5.1	8.5	4.8
	12	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.4	5.0	7.9	5.0	8.5	4.8
	14	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.4	5.0	7.9	5.0	8.5	4.8
	16	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.4	5.0	7.9	5.0	8.4	4.8
	18	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.4	5.0	7.9	5.0	8.4	4.8
	20	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.4	5.0	7.9	5.0	8.4	4.8
	21	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.4	5.0	7.9	5.0	8.4	4.8
	23	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.4	5.0	7.9	5.0	8.4	4.8
	25	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.4	5.0	7.9	5.0	8.4	4.8
	27	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.4	5.0	7.9	5.0	8.4	4.8
	29	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.4	5.0	7.9	5.0	8.4	4.8
	31	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.4	5.0	7.9	5.0	8.4	4.8
	33	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.4	5.0	7.9	5.0	8.4	4.8
	35	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.4	5.0	7.9	5.0	8.4	4.8
	37	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.3	4.9	7.8	4.9	8.2	4.7
	39	4.9	4.0	5.8	4.5	6.7	4.8	7.1	5.0	7.3	4.9	7.7	4.8	8.1	4.6
	42	4.9	4.0	5.8	4.5	6.7	4.8	7.0	4.9	7.2	4.8	7.6	4.7	7.9	4.5
	44	4.9	4.0	5.8	4.5	6.5	4.6	6.8	4.8	7.0	4.7	7.3	4.5	7.6	4.3
	46	4.9	4.0	5.7	4.5	6.4	4.6	6.6	4.6	6.8	4.6	7.0	4.4	7.4	4.2
	48	4.8	3.9	5.7	4.4	6.3	4.5	6.4	4.5	6.7	4.5	6.8	4.3	7.2	4.1

2 Capacity table

360 Cassette

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Capacity Index	Outdoor Air Temp. (℃,DB)	Indoor temperature													
		20(℃,DB)		23(℃,DB)		26(℃,DB)		27(℃,DB)		28(℃,DB)		30(℃,DB)		32(℃,DB)	
		14(℃,WB)		16(℃,WB)		18(℃,WB)		19(℃,WB)		20(℃,WB)		22(℃,WB)		24(℃,WB)	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
090	10	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.4	6.3	10.1	6.3	10.8	6.3
	12	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.4	6.3	10.1	6.3	10.8	6.3
	14	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.3	6.3	10.0	6.2	10.7	6.2
	16	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.3	6.3	10.0	6.2	10.7	6.2
	18	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.3	6.3	10.0	6.2	10.6	6.1
	20	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.3	6.3	10.0	6.2	10.6	6.1
	21	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.3	6.3	10.0	6.2	10.6	6.1
	23	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.3	6.3	10.0	6.2	10.6	6.1
	25	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.3	6.3	10.0	6.2	10.6	6.1
	27	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.3	6.3	10.0	6.2	10.6	6.1
	29	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.3	6.3	10.0	6.2	10.6	6.1
	31	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.3	6.3	10.0	6.2	10.6	6.1
	33	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.3	6.3	10.0	6.2	10.6	6.1
	35	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.3	6.3	10.0	6.2	10.6	6.1
	37	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.3	9.3	6.3	9.9	6.1	10.4	6.0
	39	6.2	5.2	7.3	5.7	8.4	6.3	9.0	6.4	9.2	6.2	9.7	6.0	10.2	5.9
	42	6.2	5.2	7.3	5.7	8.3	6.3	8.9	6.3	9.1	6.1	9.5	5.9	9.9	5.8
	44	6.2	5.2	7.3	5.7	8.1	6.1	8.6	6.1	8.8	6.0	9.2	5.7	9.6	5.6
	46	6.2	5.2	7.2	5.6	8.0	6.0	8.3	5.9	8.6	5.8	8.9	5.5	9.3	5.4
	48	6.1	5.1	7.1	5.6	7.8	5.9	8.1	5.8	8.4	5.7	8.6	5.3	9.0	5.2
112	10	7.7	6.4	9.1	7.1	10.5	7.8	11.2	7.9	11.6	7.9	12.5	7.9	13.4	7.9
	12	7.7	6.4	9.1	7.1	10.5	7.8	11.2	7.9	11.6	7.9	12.5	7.9	13.4	7.9
	14	7.7	6.4	9.1	7.1	10.5	7.8	11.2	7.9	11.6	7.9	12.5	7.9	13.3	7.8
	16	7.7	6.4	9.1	7.1	10.5	7.8	11.2	7.9	11.6	7.9	12.5	7.9	13.3	7.8
	18	7.7	6.4	9.1	7.1	10.5	7.8	11.2	7.9	11.6	7.9	12.4	7.9	13.2	7.7
	20	7.7	6.4	9.1	7.1	10.5	7.8	11.2	7.9	11.6	7.9	12.4	7.9	13.2	7.7
	21	7.7	6.4	9.1	7.1	10.5	7.8	11.2	7.9	11.6	7.9	12.4	7.9	13.2	7.7
	23	7.7	6.4	9.1	7.1	10.5	7.8	11.2	7.9	11.6	7.9	12.4	7.9	13.2	7.7
	25	7.7	6.4	9.1	7.1	10.5	7.8	11.2	7.9	11.6	7.9	12.4	7.9	13.2	7.7
	27	7.7	6.4	9.1	7.1	10.5	7.8	11.2	7.9	11.6	7.9	12.4	7.9	13.2	7.7
	29	7.7	6.4	9.1	7.1	10.5	7.8	11.2	7.9	11.6	7.9	12.4	7.9	13.2	7.7
	31	7.7	6.4	9.1	7.1	10.5	7.8	11.2	7.9	11.6	7.9	12.4	7.9	13.2	7.7
	33	7.7	6.3	9.1	7.0	10.5	7.8	11.2	7.9	11.6	7.9	12.4	7.9	13.2	7.7
	35	7.7	6.3	9.1	7.0	10.5	7.8	11.2	7.9	11.6	7.9	12.4	7.9	13.2	7.7
	37	7.7	6.3	9.1	7.0	10.5	7.8	11.2	7.9	11.6	7.9	12.3	7.8	13.0	7.6
	39	7.7	6.3	9.1	7.0	10.5	7.8	11.2	8.0	11.5	7.8	12.1	7.7	12.7	7.5
	42	7.7	6.3	9.1	7.0	10.4	7.7	11.1	7.9	11.4	7.7	11.9	7.6	12.4	7.3
	44	7.7	6.3	9.1	7.0	10.1	7.5	10.7	7.6	11.0	7.5	11.4	7.3	12.0	7.1
	46	7.7	6.3	9.0	6.9	10.0	7.4	10.4	7.4	10.7	7.3	11.0	7.0	11.6	6.9
	48	7.6	6.2	8.9	6.8	9.8	7.3	10.1	7.2	10.5	7.1	10.7	6.8	11.2	6.6
128	10	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.3	9.1	14.3	9.1	15.4	9.1
	12	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.3	9.1	14.3	9.1	15.3	9.0
	14	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.3	9.1	14.3	9.1	15.3	9.0
	16	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.3	9.1	14.2	9.0	15.2	8.9
	18	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.3	9.1	14.2	9.0	15.1	8.8
	20	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.3	9.1	14.2	9.0	15.1	8.8
	21	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.3	9.1	14.2	9.0	15.1	8.8
	23	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.3	9.1	14.2	9.0	15.1	8.8
	25	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.3	9.1	14.2	9.0	15.1	8.8
	27	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.3	9.1	14.2	9.0	15.1	8.8
	29	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.3	9.1	14.2	9.0	15.1	8.8
	31	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.3	9.1	14.2	9.0	15.1	8.8
	33	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.3	9.1	14.2	9.0	15.1	8.8
	35	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.3	9.1	14.2	9.0	15.1	8.8
	37	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.1	13.2	9.0	14.0	8.9	14.9	8.7
	39	8.8	7.3	10.4	8.1	12.0	9.0	12.8	9.2	13.1	8.9	13.8	8.8	14.5	8.6
	42	8.8	7.3	10.4	8.1	11.9	8.9	12.6	9.1	12.9	8.8	13.6	8.6	14.1	8.4
	44	8.8	7.3	10.4	8.1	11.6	8.7	12.2	8.8	12.6	8.5	13.0	8.3	13.6	8.1
	46	8.8	7.3	10.3	8.0	11.4	8.6	11.8	8.5	12.2	8.3	12.6	8.0	13.3	7.9
	48	8.7	7.2	10.2	7.9	11.2	8.4	11.5	8.3	12.0	8.1	12.2	7.8	12.8	7.6

2 Capacity table

360 Cassette

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Capacity Index	Outdoor Air Temp. (℃,DB)	Indoor temperature													
		20(℃,DB)		23(℃,DB)		26(℃,DB)		27(℃,DB)		28(℃,DB)		30(℃,DB)		32(℃,DB)	
		14(℃,WB)		16(℃,WB)		18(℃,WB)		19(℃,WB)		20(℃,WB)		22(℃,WB)		24(℃,WB)	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
140	10	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.6	9.6	15.7	9.5	16.8	9.7
	12	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.5	9.6	15.6	9.6	16.7	9.6
	14	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.5	9.6	15.6	9.6	16.7	9.6
	16	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.5	9.6	15.6	9.6	16.6	9.5
	18	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.5	9.6	15.5	9.5	16.6	9.5
	20	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.5	9.6	15.5	9.5	16.5	9.4
	21	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.5	9.6	15.5	9.5	16.5	9.4
	23	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.5	9.6	15.5	9.5	16.5	9.4
	25	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.5	9.6	15.5	9.5	16.5	9.4
	27	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.5	9.6	15.5	9.5	16.5	9.4
	29	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.5	9.6	15.5	9.5	16.5	9.4
	31	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.5	9.6	15.5	9.5	16.5	9.4
	33	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.5	9.6	15.5	9.5	16.5	9.4
	35	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.5	9.6	15.5	9.5	16.5	9.4
	37	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.5	9.6	15.4	9.4	16.3	9.2
	39	9.7	7.7	11.4	8.5	13.1	9.4	14.0	9.6	14.4	9.4	15.1	9.3	15.9	9.0
	42	9.7	7.7	11.4	8.5	13.0	9.3	13.8	9.5	14.2	9.3	14.8	9.1	15.5	8.8
	44	9.7	7.7	11.4	8.5	12.7	9.1	13.4	9.2	13.8	9.0	14.2	8.8	15.0	8.5
	46	9.7	7.7	11.3	8.4	12.4	8.9	12.9	8.9	13.4	8.8	13.8	8.5	14.6	8.2
	48	9.6	7.6	11.1	8.3	12.2	8.8	12.6	8.6	13.1	8.6	13.4	8.2	14.1	8.0

2 Capacity table

360 Cassette

Heating

TC : Total Capacity

Capacity Index	Outdoor Air Temp. (℃)		Indoor temperature (℃,DB)				
			16(℃,DB)	18(℃,DB)	20(℃,DB)	22(℃,DB)	24(℃,DB)
			TC	TC	TC	TC	TC
	DB	WB	kW	kW	kW	kW	kW
045	-19.8	-20.0	3.1	3.1	2.9	2.9	2.9
	-18.8	-19.0	3.1	3.1	3.0	2.9	2.9
	-16.7	-17.0	3.2	3.2	3.1	3.0	3.0
	-14.7	-15.0	3.3	3.3	3.2	3.1	3.0
	-12.6	-13.0	3.5	3.4	3.4	3.3	3.2
	-10.5	-11.0	3.7	3.6	3.6	3.5	3.4
	-9.5	-10.0	3.7	3.6	3.6	3.5	3.5
	-8.5	-9.1	3.8	3.7	3.7	3.6	3.6
	-7.0	-7.6	3.9	3.8	3.8	3.7	3.6
	-5.0	-5.6	4.1	4.0	4.0	3.9	3.7
	-3.0	-3.7	4.3	4.2	4.2	4.0	3.9
	0.0	-0.7	4.5	4.4	4.4	4.2	4.0
	3.0	2.2	4.7	4.7	4.6	4.4	4.2
	5.0	4.1	4.9	4.9	4.8	4.5	4.2
	7.0	6.0	5.1	5.1	5.0	4.6	4.2
	9.0	7.9	5.3	5.2	5.0	4.6	4.2
	11.0	9.8	5.5	5.2	5.0	4.6	4.2
	13.0	11.8	5.6	5.3	5.0	4.6	4.2
	15.0	13.7	5.8	5.4	5.0	4.6	4.2
056	-19.8	-20.0	3.9	3.8	3.8	3.7	3.7
	-18.8	-19.0	3.9	3.9	3.8	3.7	3.7
	-16.7	-17.0	4.0	4.0	3.9	3.8	3.8
	-14.7	-15.0	4.2	4.1	4.0	3.9	3.8
	-12.6	-13.0	4.4	4.3	4.2	4.1	4.0
	-10.5	-11.0	4.6	4.5	4.4	4.4	4.3
	-9.5	-10.0	4.7	4.6	4.6	4.5	4.4
	-8.5	-9.1	4.8	4.7	4.7	4.6	4.5
	-7.0	-7.6	4.9	4.8	4.8	4.7	4.5
	-5.0	-5.6	5.2	5.1	5.0	4.9	4.7
	-3.0	-3.7	5.4	5.3	5.3	5.1	4.9
	0.0	-0.7	5.7	5.6	5.5	5.3	5.0
	3.0	2.2	5.9	5.9	5.8	5.6	5.3
	5.0	4.1	6.2	6.1	6.0	5.7	5.3
	7.0	6.0	6.5	6.4	6.3	5.8	5.3
	9.0	7.9	6.7	6.5	6.3	5.8	5.3
	11.0	9.8	6.9	6.6	6.3	5.8	5.3
	13.0	11.8	7.1	6.7	6.3	5.8	5.3
	15.0	13.7	7.3	6.8	6.3	5.8	5.3
071	-19.8	-20.0	4.9	4.9	4.8	4.7	4.7
	-18.8	-19.0	5.0	4.9	4.8	4.7	4.7
	-16.7	-17.0	5.1	5.0	4.9	4.8	4.8
	-14.7	-15.0	5.3	5.2	5.1	4.9	4.8
	-12.6	-13.0	5.5	5.4	5.3	5.2	5.1
	-10.5	-11.0	5.8	5.7	5.6	5.5	5.5
	-9.5	-10.0	6.0	5.9	5.8	5.7	5.6
	-8.5	-9.1	6.1	6.0	5.9	5.8	5.7
	-7.0	-7.6	6.2	6.1	6.0	5.9	5.8
	-5.0	-5.6	6.5	6.5	6.4	6.2	6.0
	-3.0	-3.7	6.9	6.8	6.7	6.4	6.2
	0.0	-0.7	7.2	7.1	7.0	6.7	6.4
	3.0	2.2	7.6	7.5	7.3	7.1	6.8
	5.0	4.1	7.9	7.8	7.7	7.2	6.8
	7.0	6.0	8.2	8.1	8.0	7.4	6.8
	9.0	7.9	8.5	8.2	8.0	7.4	6.8
	11.0	9.8	8.7	8.4	8.0	7.4	6.8
	13.0	11.8	9.0	8.5	8.0	7.4	6.8
	15.0	13.7	9.2	8.6	8.0	7.4	6.8

2 Capacity table

360 Cassette

Heating

TC : Total Capacity

Capacity Index	Outdoor Air Temp. (℃)		Indoor temperature (℃,DB)				
			16(℃,DB)	18(℃,DB)	20(℃,DB)	22(℃,DB)	24(℃,DB)
			TC	TC	TC	TC	TC
	DB	WB	kW	kW	kW	kW	kW
090	-19.8	-20.0	6.0	6.0	5.9	5.8	5.8
	-18.8	-19.0	6.1	6.1	6.0	5.9	5.8
	-16.7	-17.0	6.4	6.3	6.1	6.0	5.9
	-14.7	-15.0	6.7	6.5	6.3	6.2	6.1
	-12.6	-13.0	6.9	6.8	6.6	6.5	6.4
	-10.5	-11.0	7.2	7.1	7.0	6.9	6.9
	-9.5	-10.0	7.4	7.3	7.2	7.1	7.0
	-8.5	-9.1	7.6	7.5	7.4	7.2	7.1
	-7.0	-7.6	7.8	7.7	7.6	7.4	7.2
	-5.0	-5.6	8.2	8.1	8.0	7.7	7.5
	-3.0	-3.7	8.6	8.5	8.4	8.1	7.7
	0.0	-0.7	9.0	8.9	8.8	8.4	8.0
	3.0	2.2	9.4	9.3	9.2	8.8	8.4
	5.0	4.1	9.9	9.7	9.6	9.0	8.4
	7.0	6.0	10.3	10.1	10.0	9.2	8.4
	9.0	7.9	10.6	10.3	10.0	9.2	8.4
	11.0	9.8	10.9	10.5	10.0	9.2	8.4
	13.0	11.8	11.2	10.6	10.0	9.2	8.4
	15.0	13.7	11.6	10.8	10.0	9.2	8.4
112	-19.8	-20.0	7.4	7.4	7.3	7.3	7.3
	-18.8	-19.0	7.6	7.6	7.4	7.4	7.3
	-16.7	-17.0	8.1	7.8	7.6	7.5	7.4
	-14.7	-15.0	8.4	8.2	8.0	7.8	7.6
	-12.6	-13.0	8.7	8.5	8.3	8.1	8.0
	-10.5	-11.0	9.1	8.9	8.8	8.7	8.6
	-9.5	-10.0	9.3	9.1	9.0	8.9	8.8
	-8.5	-9.1	9.5	9.3	9.2	9.0	8.9
	-7.0	-7.6	9.7	9.6	9.4	9.2	9.0
	-5.0	-5.6	10.2	10.1	9.9	9.6	9.3
	-3.0	-3.7	10.7	10.6	10.5	10.1	9.7
	0.0	-0.7	11.3	11.1	11.1	10.5	10.0
	3.0	2.2	11.8	11.6	11.5	11.0	10.6
	5.0	4.1	12.3	12.2	12.0	11.3	10.6
	7.0	6.0	12.9	12.7	12.5	11.5	10.6
	9.0	7.9	13.3	12.9	12.5	11.5	10.6
	11.0	9.8	13.7	13.1	12.5	11.5	10.6
	13.0	11.8	14.0	13.3	12.5	11.5	10.6
	15.0	13.7	14.4	13.5	12.5	11.5	10.6
128	-19.8	-20.0	8.1	8.1	8.0	8.0	8.0
	-18.8	-19.0	8.3	8.3	8.2	8.1	8.0
	-16.7	-17.0	8.8	8.6	8.4	8.3	8.1
	-14.7	-15.0	9.3	9.1	8.8	8.6	8.3
	-12.6	-13.0	9.6	9.4	9.2	9.0	8.8
	-10.5	-11.0	10.0	9.9	9.8	9.6	9.4
	-9.5	-10.0	10.2	10.1	10.0	9.8	9.7
	-8.5	-9.1	10.4	10.3	10.2	10.0	9.8
	-7.0	-7.6	10.7	10.6	10.4	10.2	10.0
	-5.0	-5.6	11.3	11.1	11.0	10.7	10.3
	-3.0	-3.7	11.9	11.7	11.5	11.1	10.7
	0.0	-0.7	12.4	12.3	12.1	11.6	11.0
	3.0	2.2	13.0	12.9	12.7	12.2	11.7
	5.0	4.1	13.6	13.4	13.2	12.4	11.7
	7.0	6.0	14.2	14.0	13.8	12.7	11.7
	9.0	7.9	14.6	14.2	13.8	12.7	11.7
	11.0	9.8	15.1	14.4	13.8	12.7	11.7
	13.0	11.8	15.5	14.7	13.8	12.7	11.7
	15.0	13.7	15.9	14.9	13.8	12.7	11.7

2 Capacity table

360 Cassette

Heating

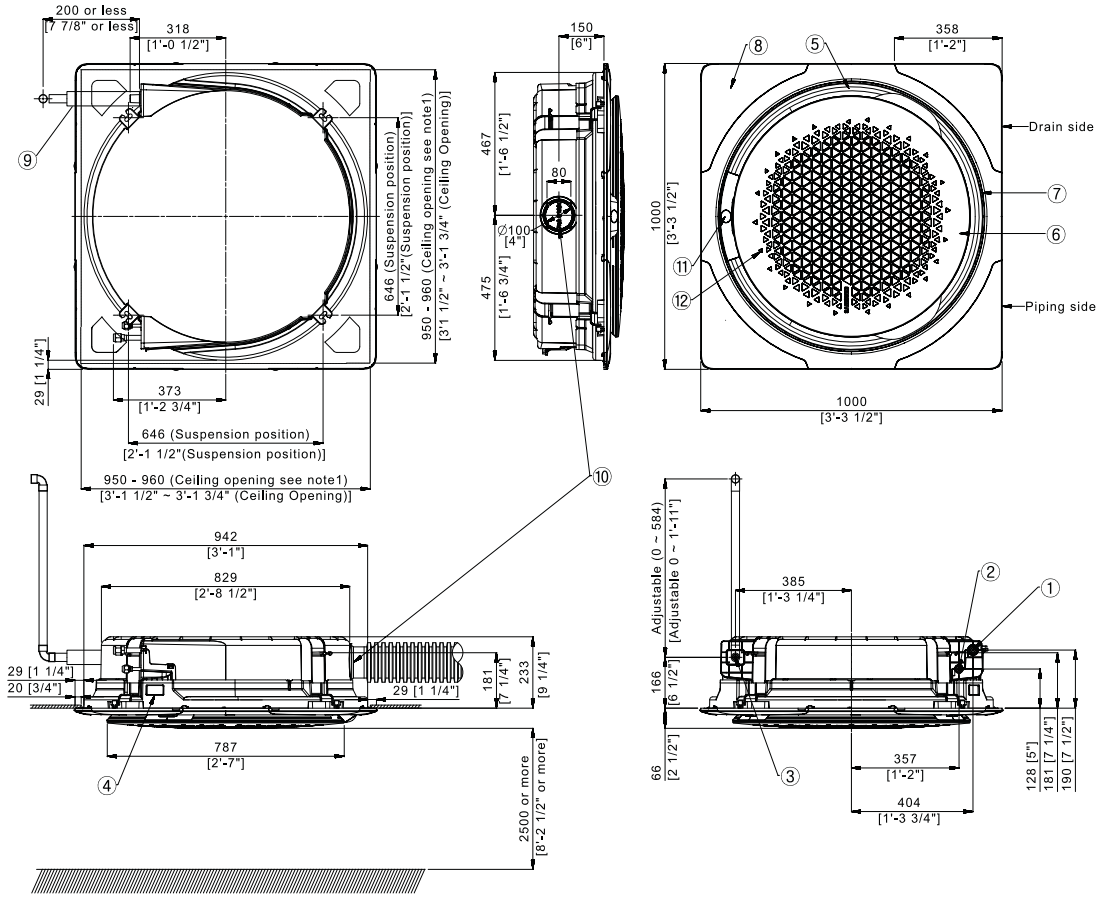
TC : Total Capacity

Capacity Index	Outdoor Air Temp. (℃)		Indoor temperature (℃,DB)				
			16(℃,DB)	18(℃,DB)	20(℃,DB)	22(℃,DB)	24(℃,DB)
			TC	TC	TC	TC	TC
	DB	WB	kW	kW	kW	kW	kW
140	-19.8	-20.0	9.5	9.5	9.4	9.4	9.3
	-18.8	-19.0	9.7	9.7	9.5	9.5	9.3
	-16.7	-17.0	10.2	10.0	9.7	9.6	9.4
	-14.7	-15.0	10.8	10.5	10.2	9.9	9.6
	-12.6	-13.0	11.1	10.9	10.7	10.4	10.1
	-10.5	-11.0	11.6	11.5	11.3	11.1	10.9
	-9.5	-10.0	11.8	11.7	11.5	11.4	11.2
	-8.5	-9.1	12.1	11.9	11.8	11.6	11.3
	-7.0	-7.6	12.4	12.2	12.1	11.8	11.5
	-5.0	-5.6	13.1	12.9	12.7	12.3	12.0
	-3.0	-3.7	13.8	13.6	13.4	12.9	12.4
	0.0	-0.7	14.4	14.2	14.0	13.4	12.8
	3.0	2.2	15.1	14.9	14.7	14.1	13.5
	5.0	4.1	15.8	15.6	15.3	14.4	13.5
	7.0	6.0	16.5	16.2	16.0	14.8	13.5
	9.0	7.9	17.0	16.5	16.0	14.8	13.5
	11.0	9.8	17.5	16.7	16.0	14.8	13.5
	13.0	11.8	18.0	17.0	16.0	14.8	13.5
	15.0	13.7	18.5	17.2	16.0	14.8	13.5

3 Dimensional drawing

360 Cassette

AM045KN4DEH/EU, AM056KN4DEH/EU, AM071KN4DEH/EU, AM090KN4DEH/EU



Note

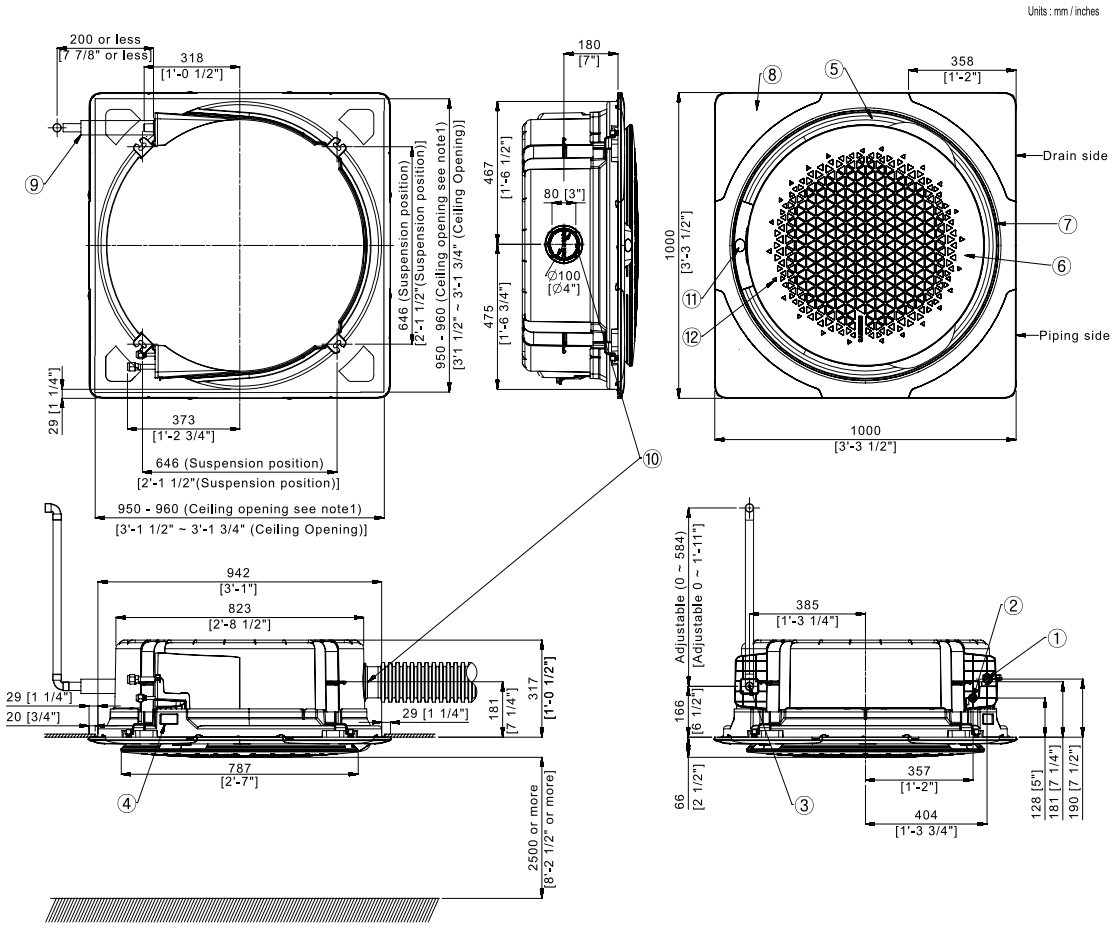
1. Make sure the spacing between the ceiling and the cassette is no more than 10mm[3/8"].
2. When the conditions exceed 30℃[86˚F] and RH 80% in the ceiling or fresh air is inducted into the ceiling, and additional insulation is required (polyethylene foam, thickness 10mm[3/8"] or more)
3. Ceiling type panel model code : PC4NUDMAN

Table of descriptions			
1	Refrigerant gas pipe	7	Suction rim for Booster fan
2	Refrigerant liquid pipe	8	Decoration cover
3	Condensate drain	9	Drain hose
4	Power & Comm. wiring conduits	10	Fresh air intake knock out hole
5	Air discharge opening	11	Display window
6	Air suction grille	12	Infrared receiver

3 Dimensional drawing

360 Cassette

AM112KN4DEH/EU, AM128KN4DEH/EU, AM140KN4DEH/EU



Note

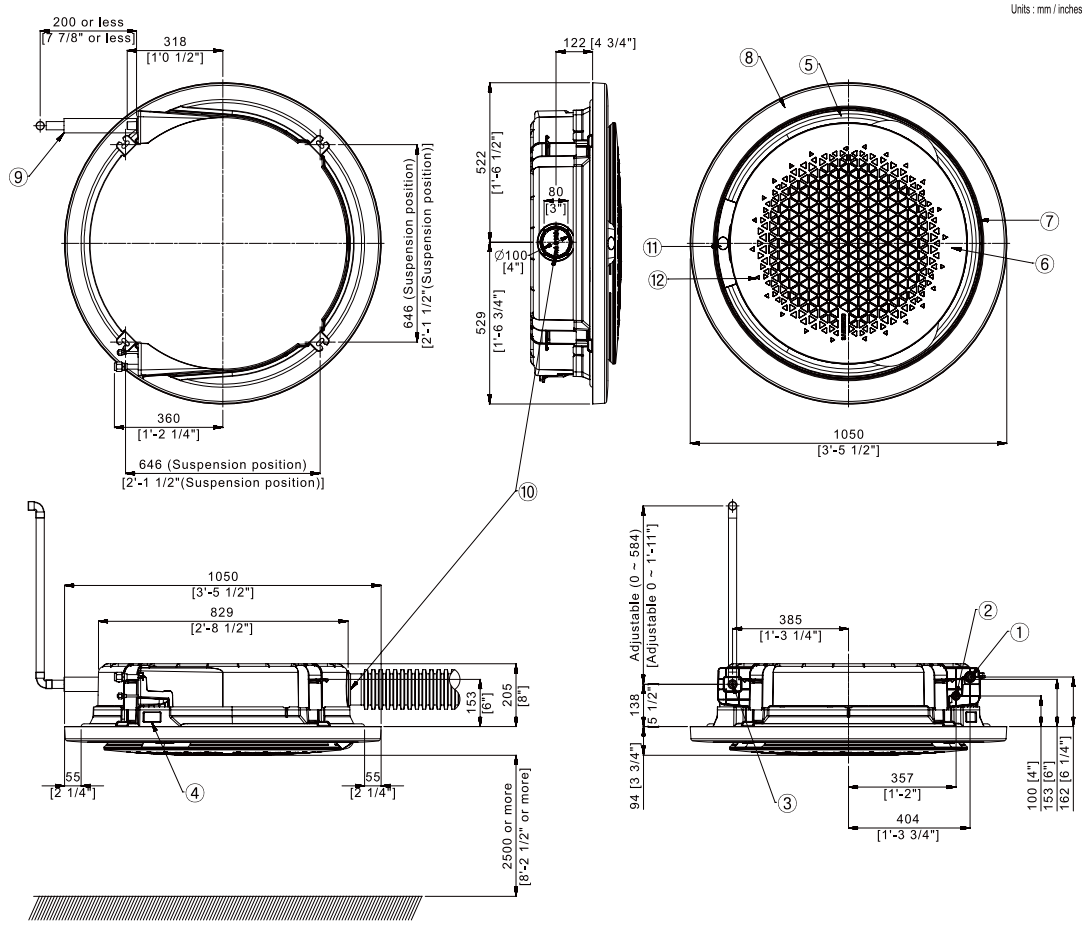
1. Make sure the spacing between the ceiling and the cassette is no more than 29mm[1 1/4"]. Max ceiling opening : 960mm[3'-1 3/4"]
2. When the conditions exceed 30℃ and RH 80% in the ceiling or fresh air is inducted into the ceiling, and additional insulation is required (polyethylene foam, thickness 10mm[3/8"] or more)
3. Ceiling type panel model code : PC4NUDMAN

Table of descriptions			
1	Refrigerant gas pipe	7	Suction rim for Booster fan
2	Refrigerant liquid pipe	8	Corner decoration cover
3	Condensate drain	9	Drain hose
4	Power & Comm. wiring conduits	10	Fresh air intake knock out hole
5	Air discharge opening	11	Display window
6	Air suction grille	12	Infrared receiver

3 Dimensional drawing

360 Cassette

AM045KN4DEH/EU, AM056KN4DEH/EU, AM071KN4DEH/EU, AM090KN4DEH/EU



Note

1. Make sure the spacing between the ceiling and the cassette is no more than 10mm[3/8"].
2. When the conditions exceed 30℃[86˚F] and RH 80% in the ceiling or fresh air is inducted into the ceiling, and additional insulation is required (polyethylene foam, thickness 10mm[3/8"] or more)
3. Open type panel model code : PC4NUNMAN
4. The circular panel is by default available in exposed installation.
5. Make inspection holes on the ceiling for easier installation and maintenance, as shown in the following table.
(The size of an inspection hole must be at least 450 mm x 450 mm.)
6. A suspended ceiling structure can substitute for the inspection holes.

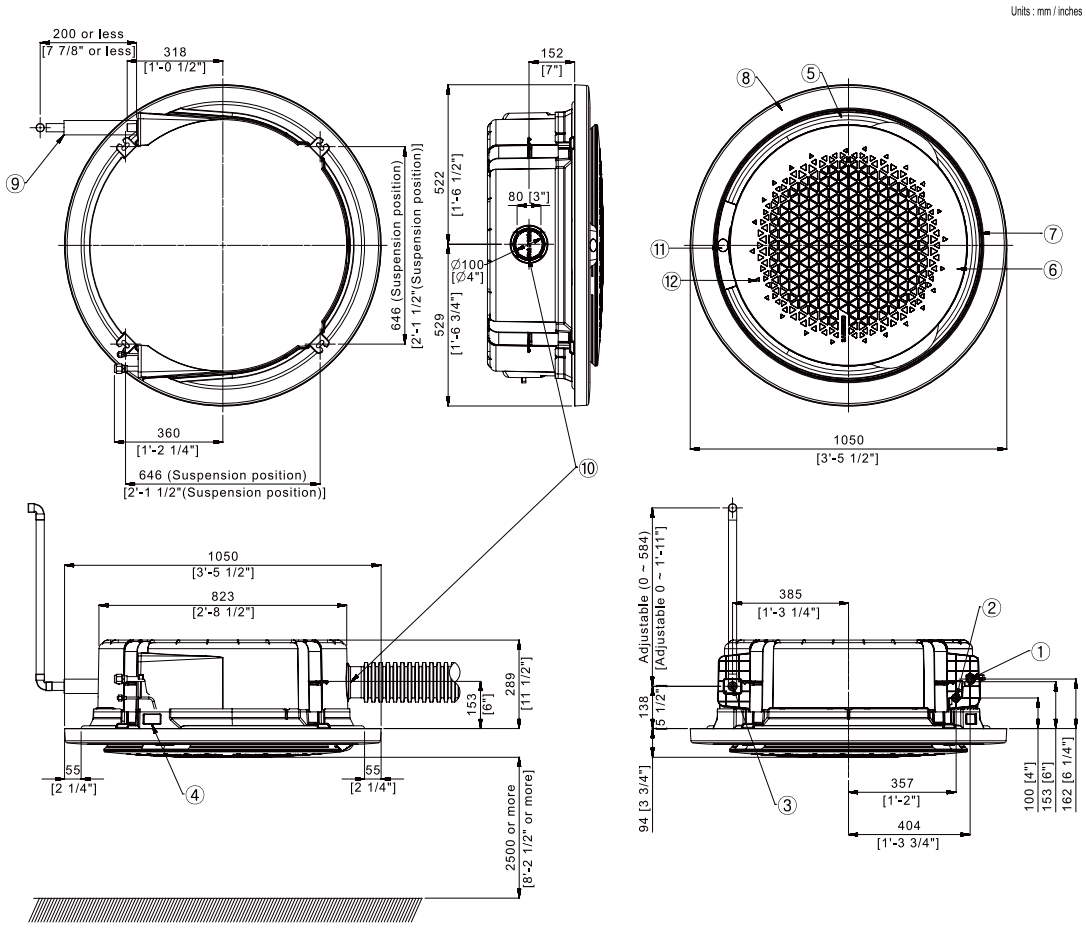
Category	Inspection hole		
	Recessed installation		Exposed installation
	Integrated	Suspended	
Square panel	1 ea	-	
Circular panel	2 ea		

Table of descriptions			
1	Refrigerant gas pipe	7	Suction rim for Booster fan
2	Refrigerant liquid pipe	8	Decoration cover
3	Condensate drain	9	Drain hose
4	Power & Comm. wiring conduits	10	Fresh air intake knock out hole
5	Air discharge opening	11	Display window
6	Air suction grille	12	Infrared receiver

3 Dimensional drawing

360 Cassette

AM112KN4DEH/EU, AM128KN4DEH/EU, AM140KN4DEH/EU



Note

1. Make sure the spacing between the ceiling and the cassette is no more than 10mm[3/8"].
2. When the conditions exceed 30℃[86˚F] and RH 80% in the ceiling or fresh air is inducted into the ceiling, and additional insulation is required (polyethylene foam, thickness 10mm[3/8"] or more)
3. Open type panel model code : PC4NUNMAN
4. The circular panel is by default available in exposed installation.
5. Make inspection holes on the ceiling for easier installation and maintenance, as shown in the following table.
(The size of an inspection hole must be at least 450 mm x 450 mm.)
6. A suspended ceiling structure can substitute for the inspection holes.

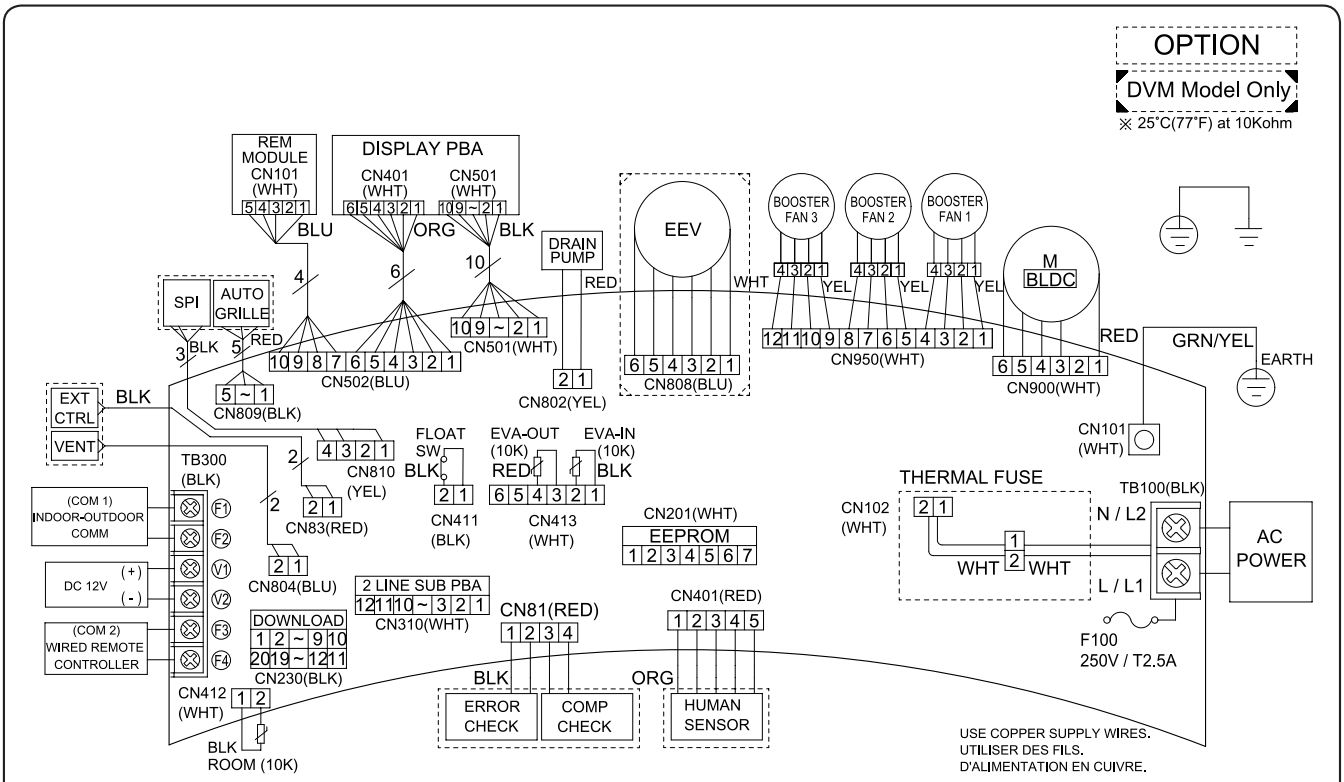
Category	Inspection hole		
	Recessed installation		Exposed installation
	Integrated	Suspended	
Square panel	1 ea	-	
Circular panel	2 ea		

Table of descriptions			
1	Refrigerant gas pipe	7	Suction rim for Booster fan
2	Refrigerant liquid pipe	8	Decoration cover
3	Condensate drain	9	Drain hose
4	Power & Comm. wiring conduits	10	Fresh air intake knock out hole
5	Air discharge opening	11	Display window
6	Air suction grille	12	Infrared receiver

4 Electrical wiring diagram

360 Cassette

AM045KN4DEH/EU, AM056KN4DEH/EU, AM071KN4DEH/EU, AM090KN4DEH/EU, AM112KN4DEH/EU, AM128KN4DEH/EU, AM140KN4DEH/EU



LED LAMP DISPLAY ● On ◑ Flickering	LED DISPLAY FOR ERROR DETECTION	LED LAMP DISPLAY ● On ◑ Flickering	LED DISPLAY FOR ERROR DETECTION
● ICE BLU	Operating	● RED	Smart Install Error(Only CAC Model)
◑ ICE BLU	Power Reset (Flickering every 2 seconds)	◑ RED - GRN Alternation of Flickering	Error of EVA- IN / OUT / DISCHARGE Sensor In the Indoor Unit (Open/short)
◑ ICE BLU	Defrosting Operation (Flickering every 10 Seconds)	◑ RED - BLU Alternation of Flickering	Error of Fan Motor In the Indoor Unit
● BLU	Reserving Mode	◑ GRN - BLU Alternation of Flickering	Detection of the Float Switch
● GRN	Filter Usage Expiration	◑ ICE BLU - BLU Alternation of Flickering	Detection of the Thermal Fuse Open
◑ RED	Error of Room Sensor In the Indoor Unit (Open/short)	◑ ICE BLU - RED Alternation of Flickering	Miss Matching Of Indoor and Outdoor Unit(Only DVM Model)
◑ BLU	Error Of Outdoor Unit	◑ ICE BLU - GRN Alternation of Flickering	Mixed Operation Mode Error of Indoor Unit(Only DVM Model)
◑ GRN	No Communication For 2 Minutes Between Indoor and Outdoor Unit	◑ RED - ICE BLU - GRN Alternation of Flickering	Error of EEPROM

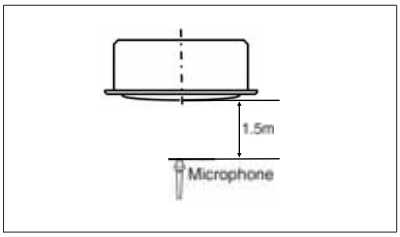
M-BLDC	BLDC Motor	SPI	S-Plasma ion	ROOM(10K)	Thermistor ROOM OUT(10K)
Thermal Fuse	Terminal Block thermal fuse	EEV	Electronic Expansion Valve	EVA-IN(10K)	Thermistor EVA IN(10K)
		F100	Main fuse, 250V/T2.5A	EVA-OUT(10K)	Thermistor EVA OUT(10K)

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: sky blue, GRN: green
- For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
- ⏚ Protective earth(SCREW)

5 Sound pressure level

360 Cassette



Unit: dB(A)

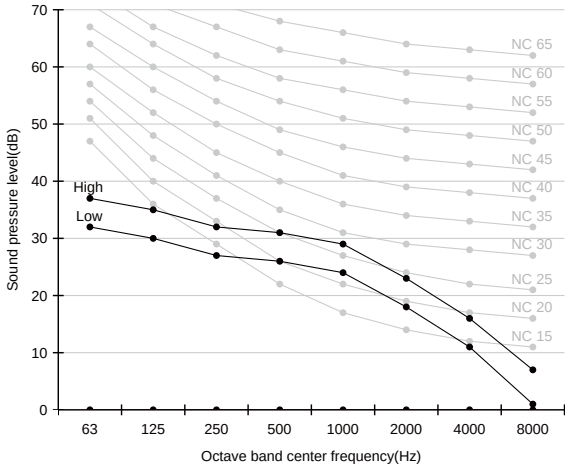
Model	High	Low
AM045KN4DEH/EU	33	29
AM056KN4DEH/EU	34	29
AM071KN4DEH/EU	36	30
AM090KN4DEH/EU	40	32

Note

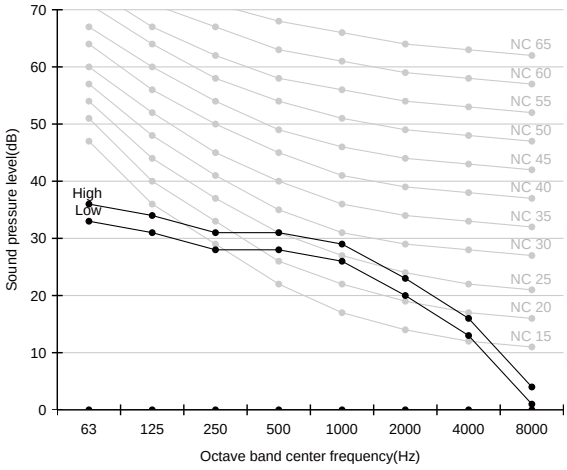
Specifications may be subject to change without prior notice.
Sound pressure level is obtained in an anechoic room.
Sound pressure level is a relative value, depending on the distance and acoustic environment.
Sound pressure level may differ depending on operation condition.
dBA = A-weighted sound pressure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

NC curve

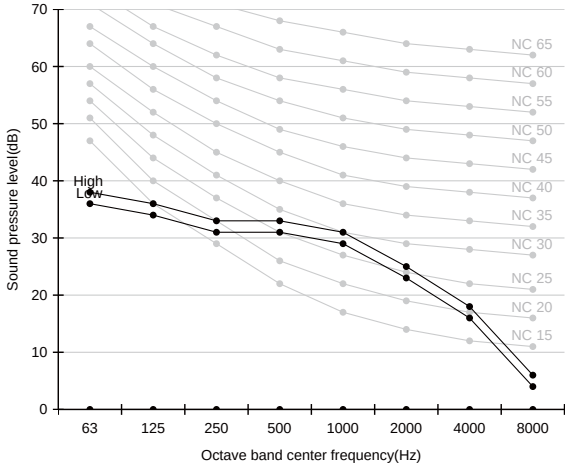
1) AM045KN4DEH/EU



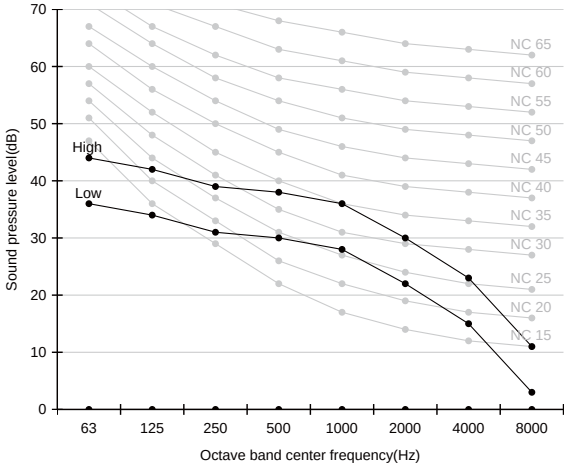
2) AM056KN4DEH/EU



3) AM071KN4DEH/EU

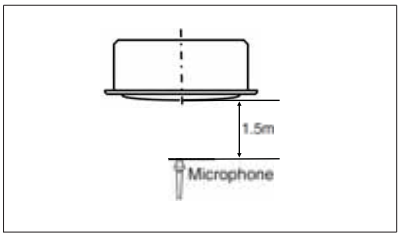


4) AM090KN4DEH/EU



5 Sound pressure level

360 Cassette



Unit: dB(A)

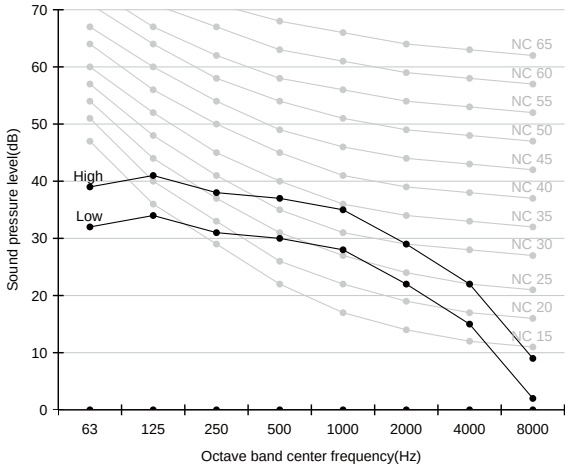
Model	High	Low
AM112KN4DEH/EU	40	32
AM128KN4DEH/EU	42	33
AM140KN4DEH/EU	44	35

Note

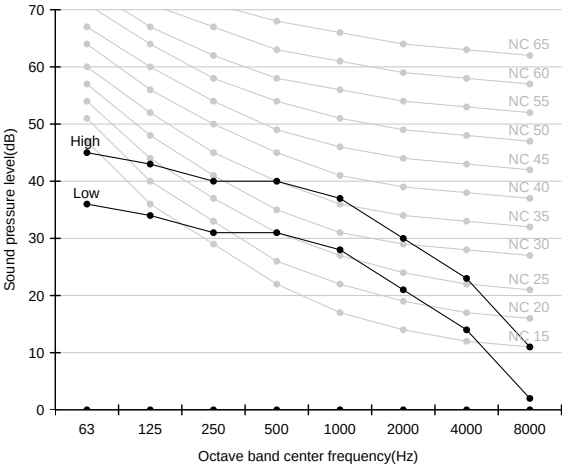
Specifications may be subject to change without prior notice.
Sound pressure level is obtained in an anechoic room.
Sound pressure level is a relative value, depending on the distance and acoustic environment.
Sound pressure level may differ depending on operation condition.
dBA = A-weighted sound pressure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

NC curve

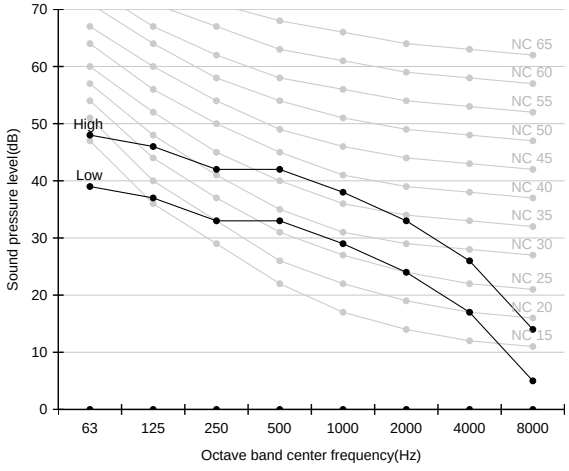
1) AM112KN4DEH/EU



2) AM128KN4DEH/EU



3) AM140KN4DEH/EU



6 Sound power level

360 Cassette

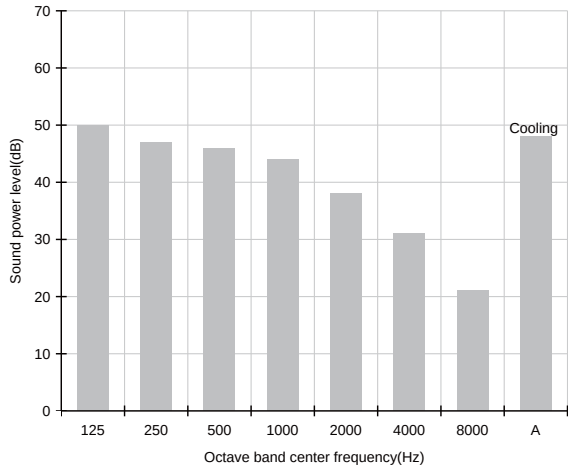
Note

. 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

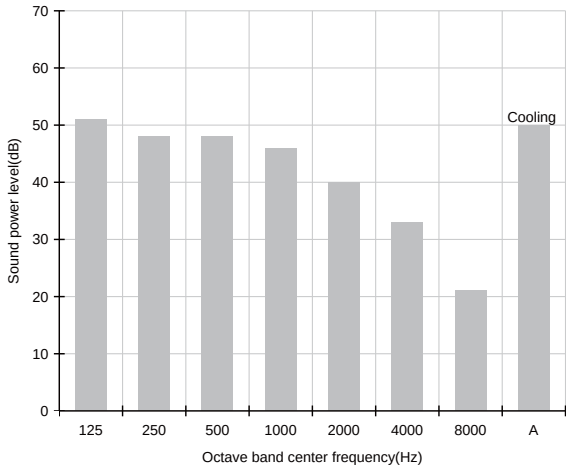
Unit: dB(A)

Model	Power
AM045KN4DEH/EU	50
AM056KN4DEH/EU	51
AM071KN4DEH/EU	53
AM090KN4DEH/EU	57

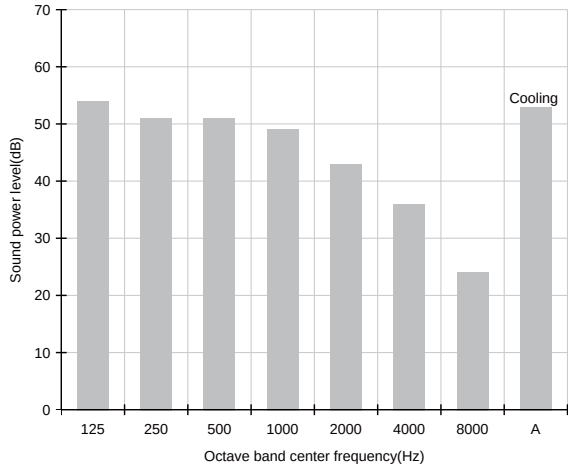
1)AM045KN4DEH/EU



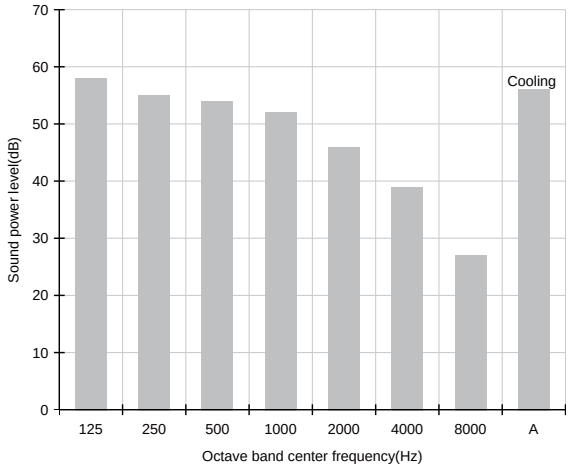
2)AM056KN4DEH/EU



3)AM071KN4DEH/EU



4)AM090KN4DEH/EU



6 Sound power level

360 Cassette

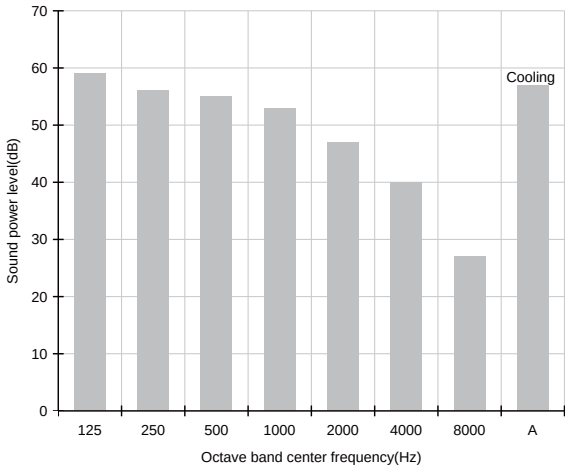
Note

. 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

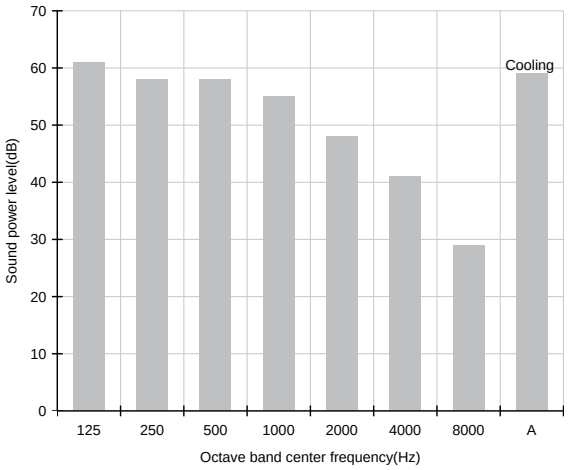
Unit: dB(A)

Model	Power
AM112KN4DEH/EU	58
AM128KN4DEH/EU	60
AM140KN4DEH/EU	61

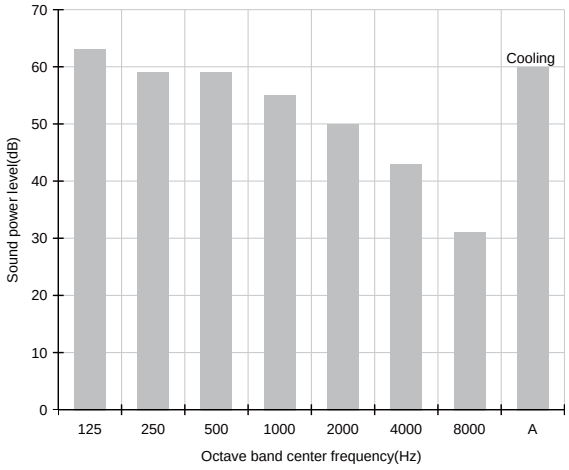
1)AM112KN4DEH/EU



2)AM128KN4DEH/EU



3)AM140KN4DEH/EU



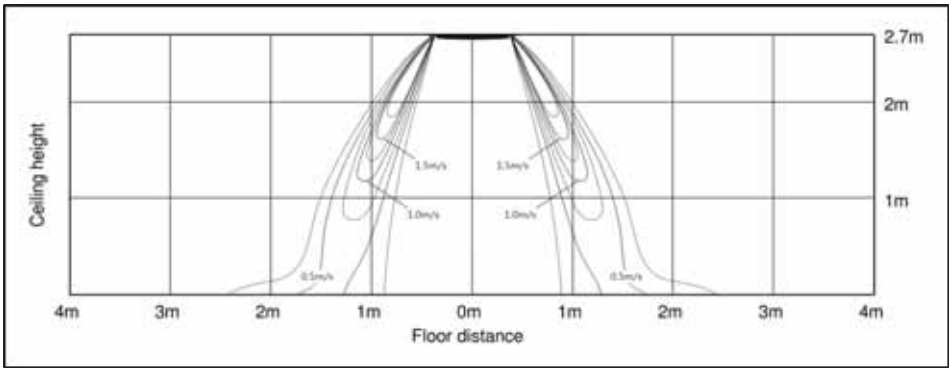
7 Temperature and air flow distribution

360 Cassette

AM045KN4DEH/EU

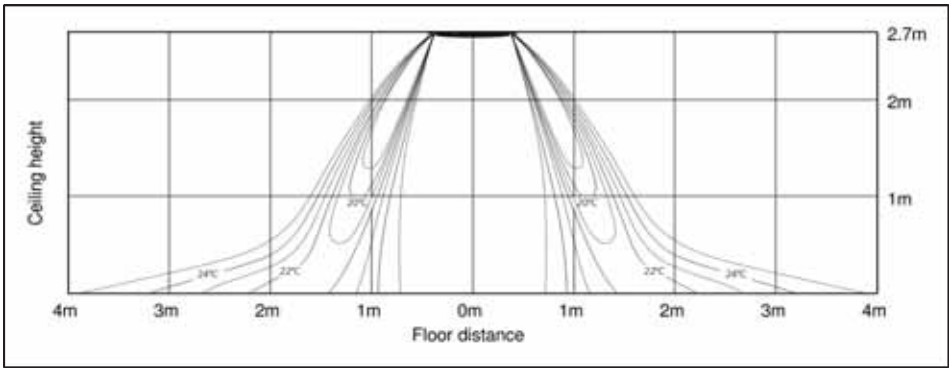
(1) Cooling air velocity distribution

Discharge angle : 60º



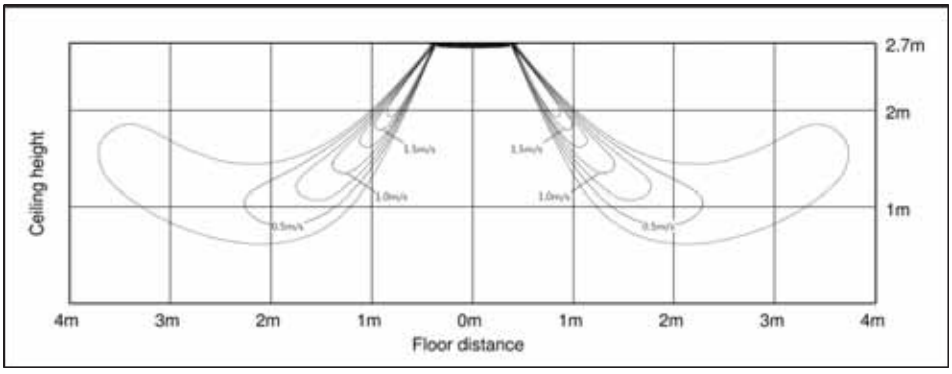
(2) Cooling temperature distribution

Discharge angle : 60º



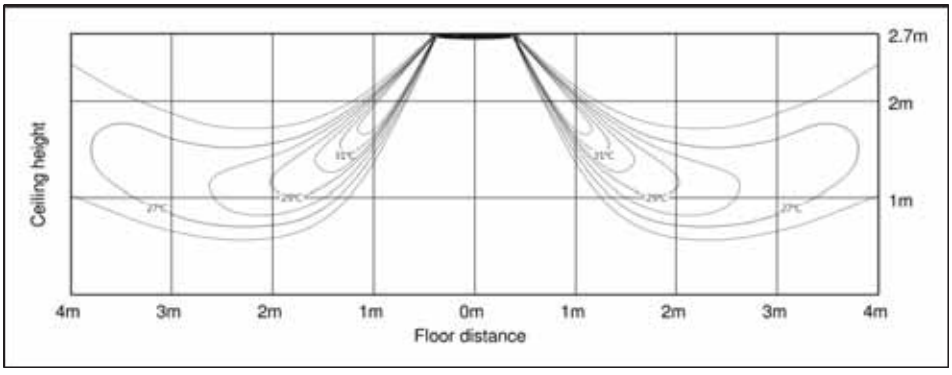
(3) Heating air velocity distribution

Discharge angle : 60º



(4) Heating temperature distribution

Discharge angle : 60º



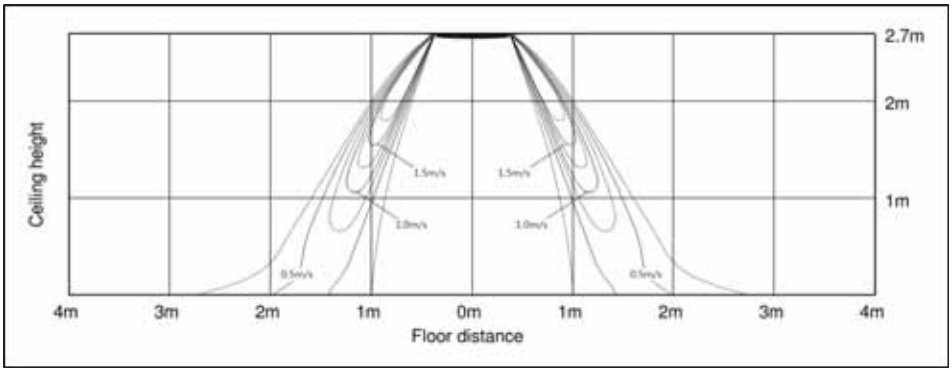
7 Temperature and air flow distribution

360 Cassette

AM056KN4DEH/EU

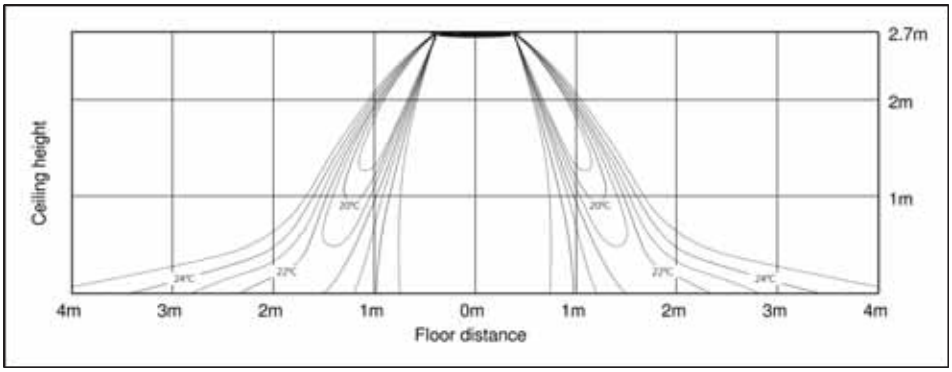
(1) Cooling air velocity distribution

Discharge angle : 60º



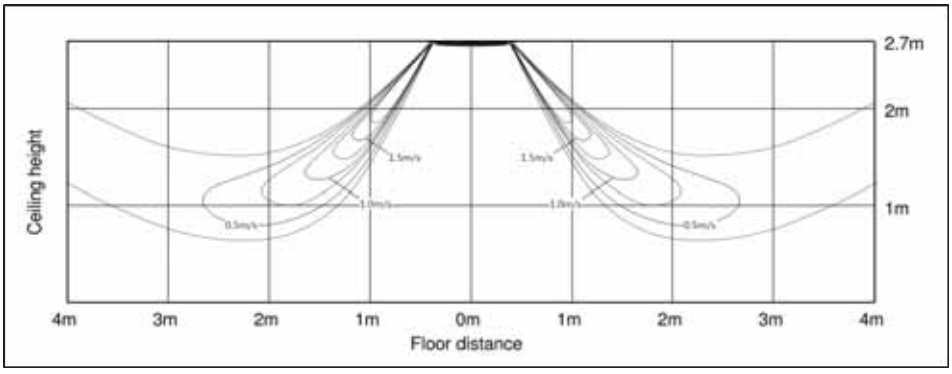
(2) Cooling temperature distribution

Discharge angle : 60º



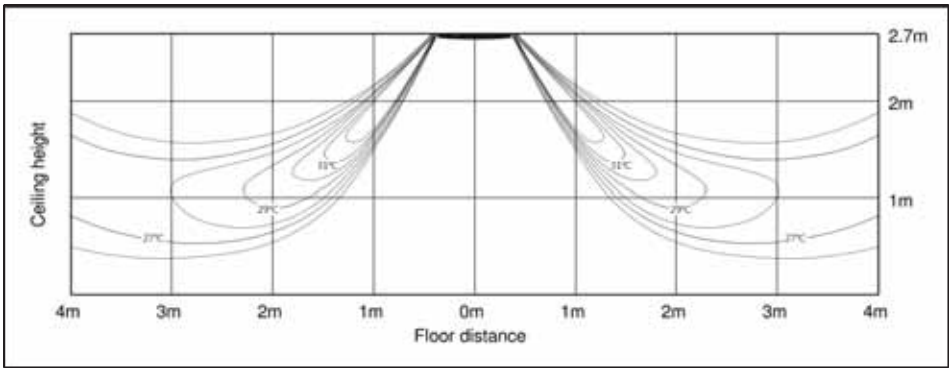
(3) Heating air velocity distribution

Discharge angle : 60º



(4) Heating temperature distribution

Discharge angle : 60º



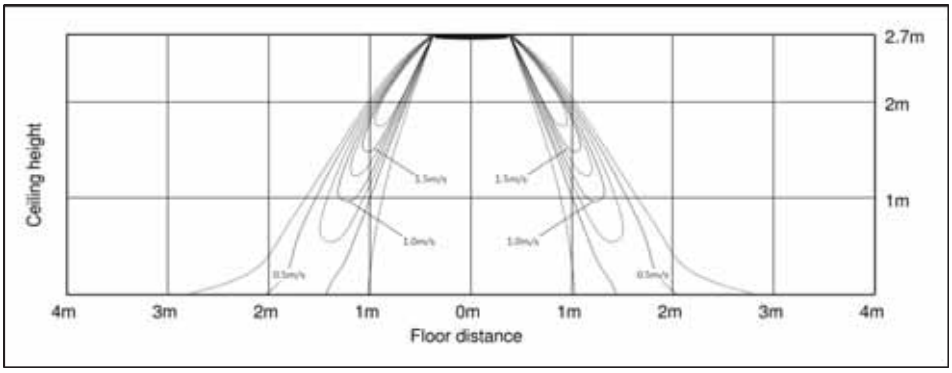
7 Temperature and air flow distribution

360 Cassette

AM071KN4DEH/EU

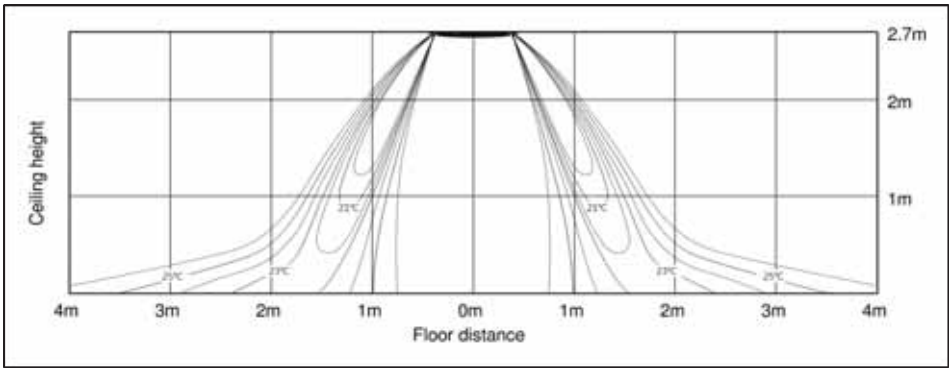
(1) Cooling air velocity distribution

Discharge angle : 60º



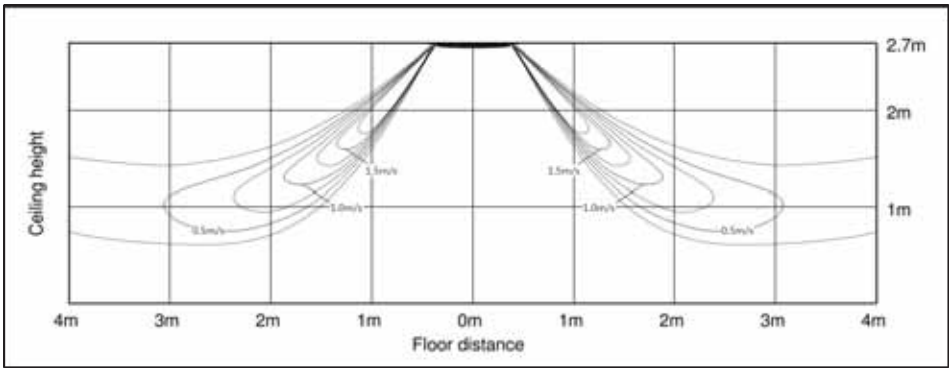
(2) Cooling temperature distribution

Discharge angle : 60º



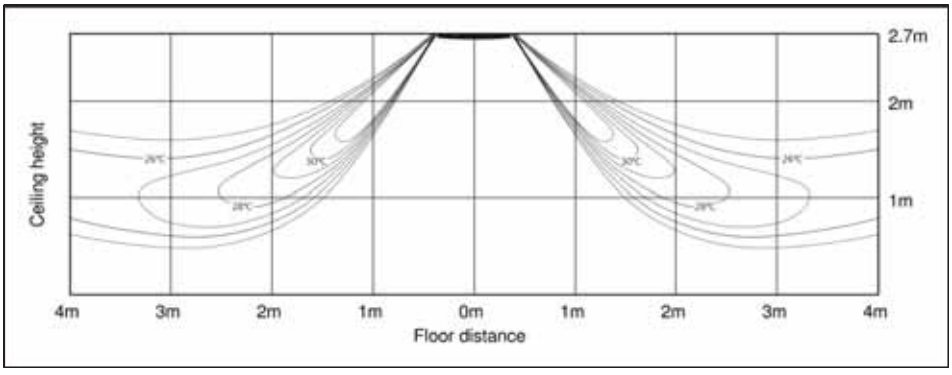
(3) Heating air velocity distribution

Discharge angle : 60º



(4) Heating temperature distribution

Discharge angle : 60º



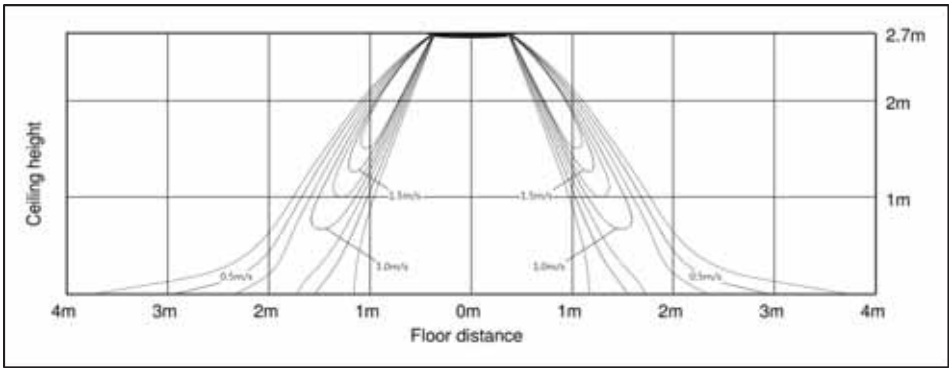
7 Temperature and air flow distribution

360 Cassette

AM090KN4DEH/EU

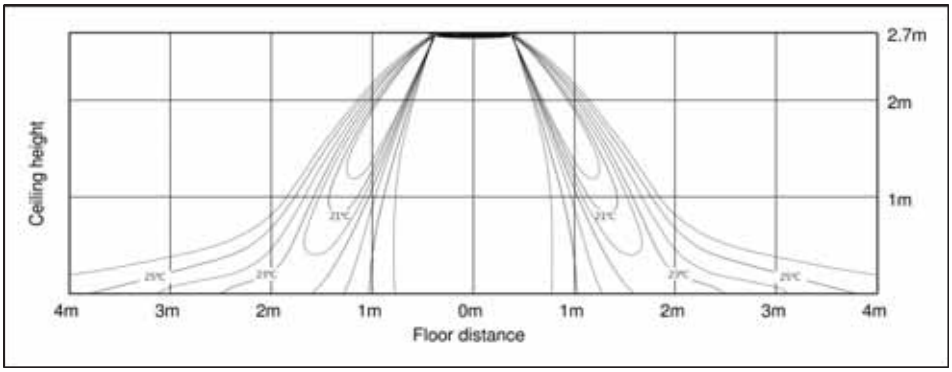
(1) Cooling air velocity distribution

Discharge angle : 60º



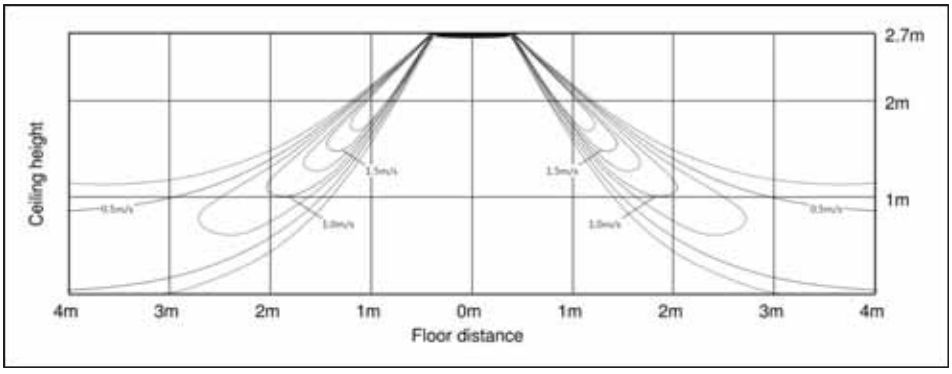
(2) Cooling temperature distribution

Discharge angle : 60º



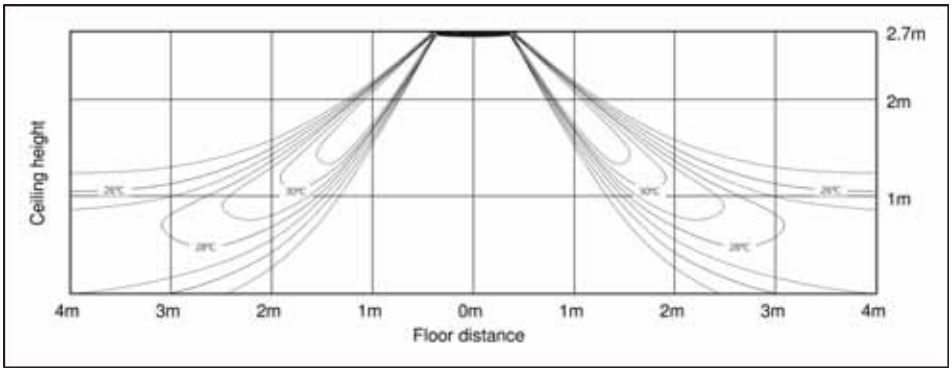
(3) Heating air velocity distribution

Discharge angle : 60º



(4) Heating temperature distribution

Discharge angle : 60º



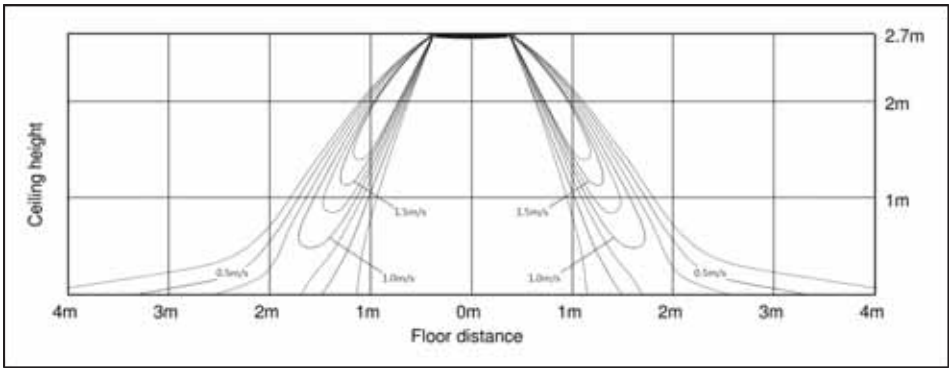
7 Temperature and air flow distribution

360 Cassette

AM112KN4DEH/EU

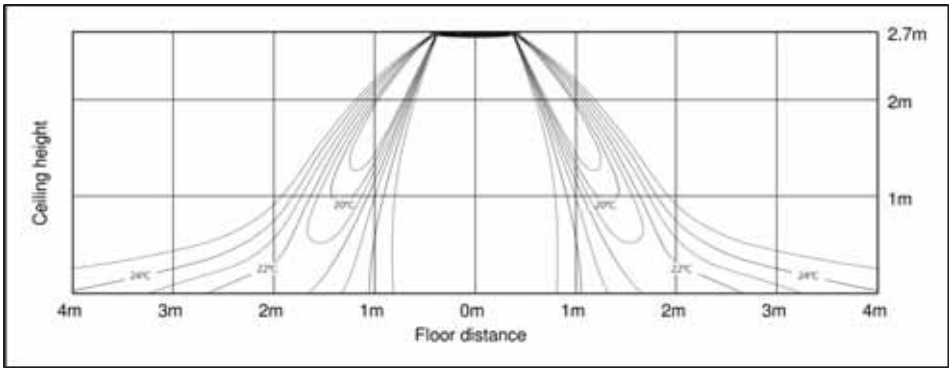
(1) Cooling air velocity distribution

Discharge angle : 60º



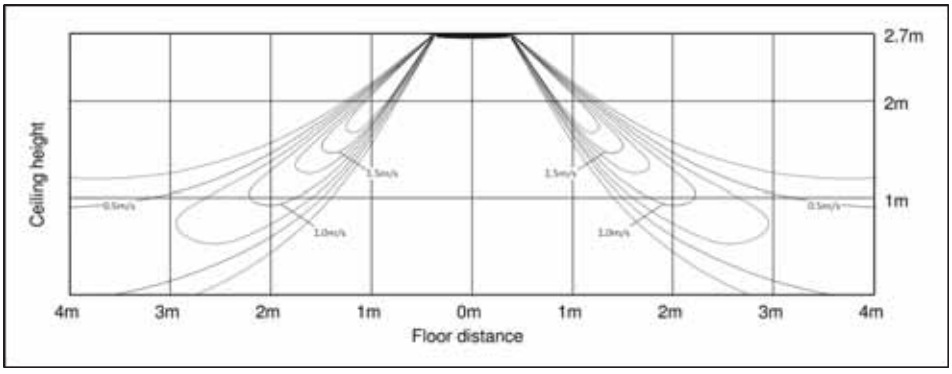
(2) Cooling temperature distribution

Discharge angle : 60º



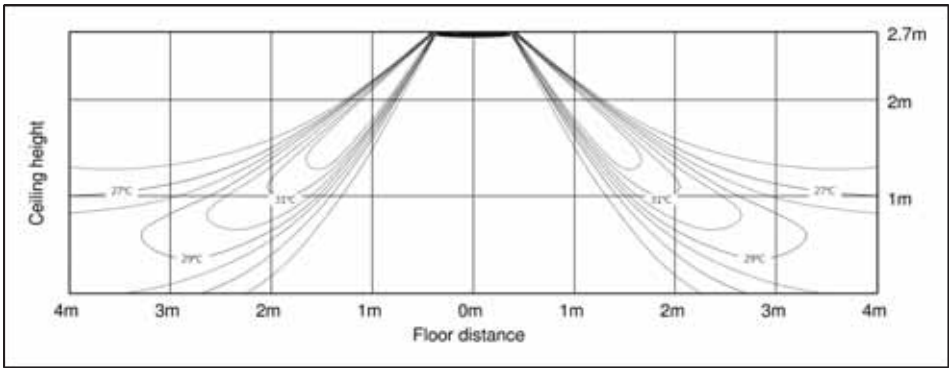
(3) Heating air velocity distribution

Discharge angle : 60º



(4) Heating temperature distribution

Discharge angle : 60º



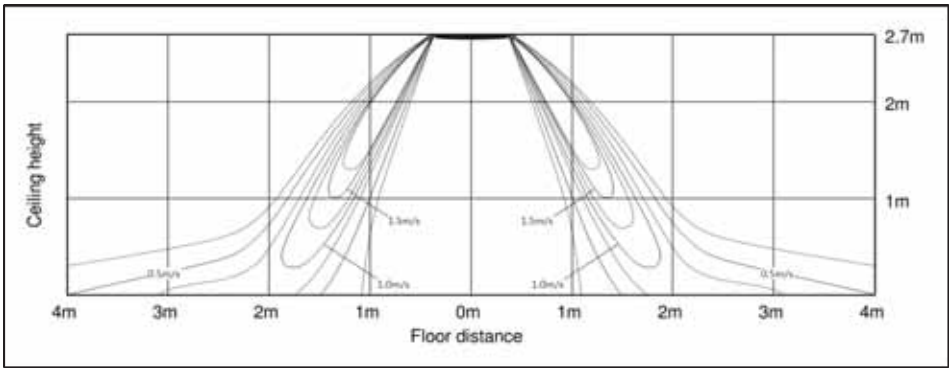
7 Temperature and air flow distribution

360 Cassette

AM128KN4DEH/EU

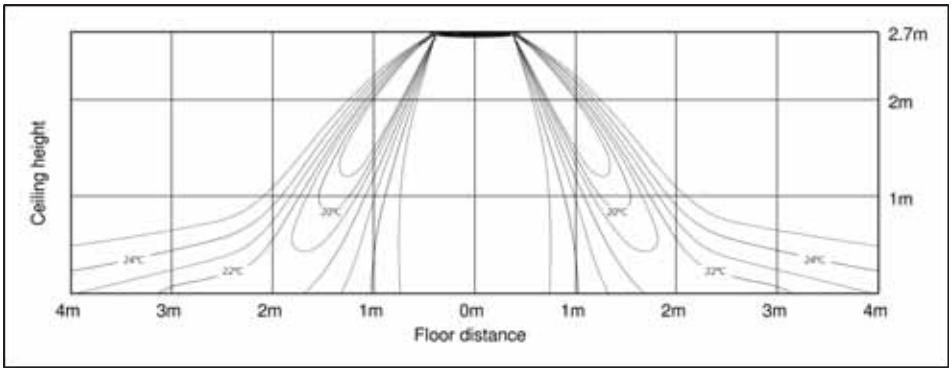
(1) Cooling air velocity distribution

Discharge angle : 60º



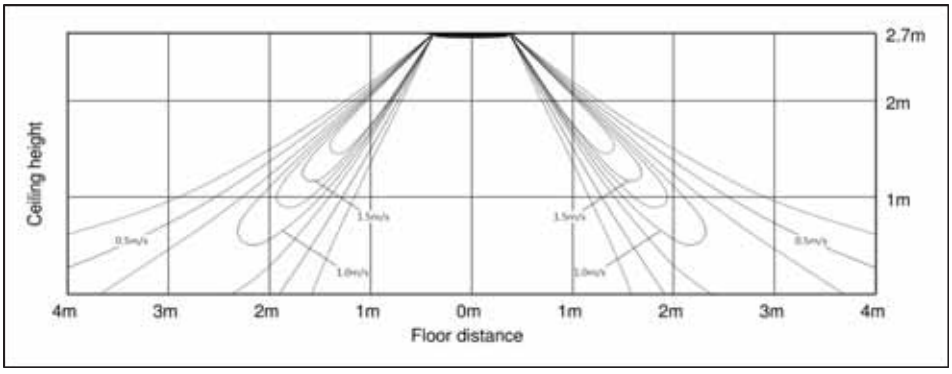
(2) Cooling temperature distribution

Discharge angle : 60º



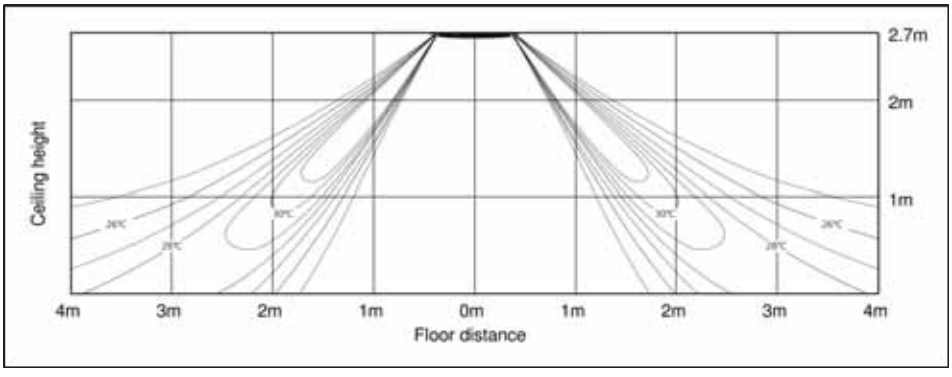
(3) Heating air velocity distribution

Discharge angle : 60º



(4) Heating temperature distribution

Discharge angle : 60º



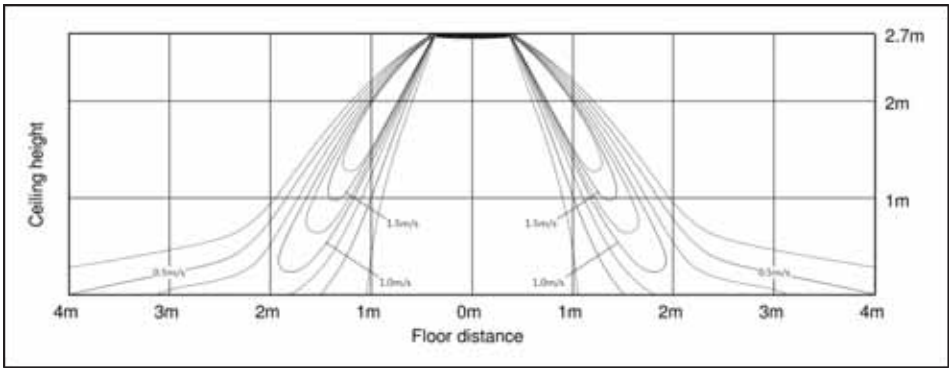
7 Temperature and air flow distribution

360 Cassette

AM140KN4DEH/EU

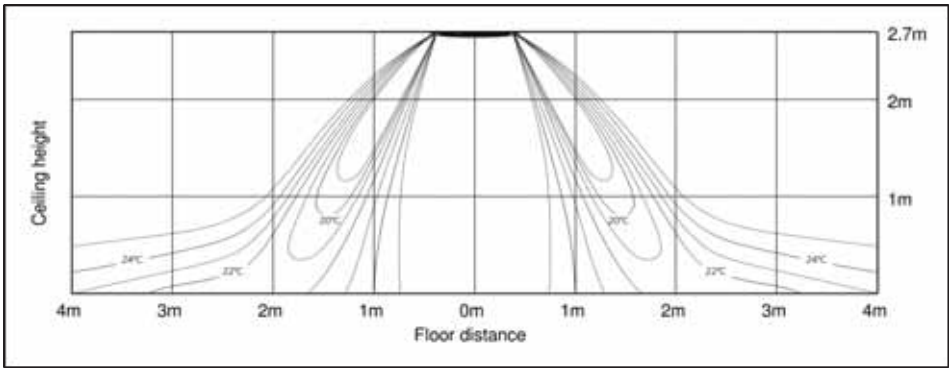
(1) Cooling air velocity distribution

Discharge angle : 60º



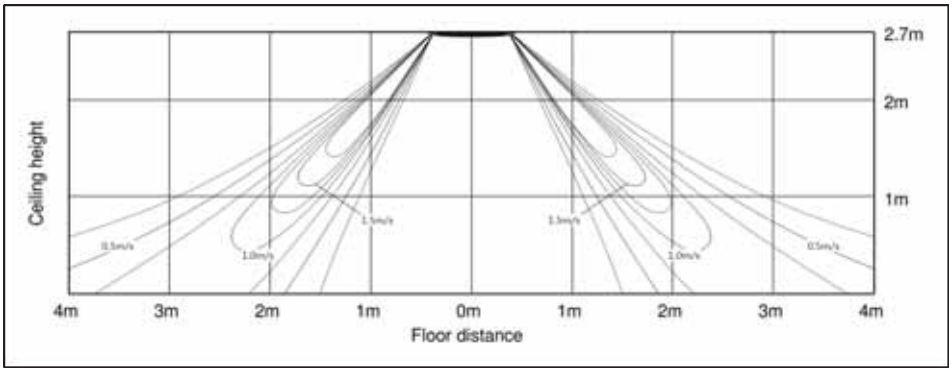
(2) Cooling temperature distribution

Discharge angle : 60º



(3) Heating air velocity distribution

Discharge angle : 60º



(4) Heating temperature distribution

Discharge angle : 60º