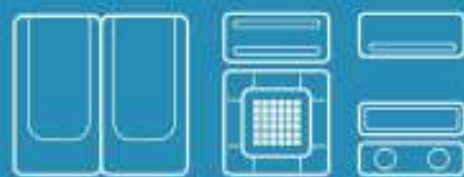


VRF

Technical Data Book

All indoor units for Europe (R410A, 50Hz, HP/HR)



I. Products

1 Nomenclature

Indoor Units

Model Names

AM	071	K	N	4	D	E	H	/	EU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		Buyer

(1) Classification

AM	VRF
----	-----

(2) Capacity

x 1/10 kW (3 digits)

(3) Version

F	2013
H	2014
J	2015
K	2016

(4) Product Type

N	Indoor Unit (NASA)
X	Outdoor Unit (NASA)

(5) Product Notation

1	1Way Cassette
2	2Way Cassette
4	4Way Cassette S / 360 Cassette
N	4Way Cassette(600x600)
L	LSP Duct
M	MSP Duct
H	HSP Duct
E	OAP Duct
T	Neo Forte
Q	Neo Forte(EEV)
A	AR5000
V	AR5000(EEV)
C	Ceiling
J	Console
F	Floor Standing
P	PAC
K	ERV Plus
B	Hydro Unit

(6) Feature

F	Flagship
P	Premium
D	Deluxe
S	Standard

(7) Rating Voltage

E	220~240V, 50Hz, 1Φ
K	220~240V, 50/60Hz, 1Φ
G	380~415V, 50Hz, 3Φ

(8) Mode

H	Heat Pump (R410A)
B	Heat Pump (R134a)

2 Line up

Indoor unit

Model		Capacity (kW)															
		1.5	1.7	2.2	2.8	3.2	3.6	4.5	5.6	6.0	7.1	8.2	9.0	11.2	12.8	14.0	16.0
1Way CST	JSF-0																
	JSF-1																
	JSF-2																
2Way CST																	
4Way CST																	
360 CST																	
Floor Standing Unit																	
4Way CST S (600X600)																	
Duct S (MSP)																	
Slim Duct																	
MSP Duct																	
Home Duct																	
Ceiling																	
Console																	
Boracay																	
Boracay (with EEV)																	
AR5000																	
AR5000 (with EEV)																	

2 Line up

Indoor unit

Model	Capacity (kW)															
	1.5	1.7	2.2	2.8	3.2	3.6	4.5	5.6	6.0	7.1	8.2	9.0	11.2	12.8	14.0	16.0
HSP Duct																
OAP Duct																
Big Duct																
Hydro Unit HE																
Hydro Unit HT																
ERV Plus																

- Make sure to use an indoor unit that is compatible with DVM S.
- If the total capacity of the connected indoor units exceeds the indicated maximum capacity, cooling and heating capacity of the indoor unit may decrease.
- Total capacity of the connected indoor units can be allowed from 50% to 130% of the total outdoor unit capacity.
 $0.5 \times \sum (\text{Outdoor unit capacity}) \leq \text{Total capacity of the connected indoor units} \leq 1.3 \times \sum (\text{Outdoor unit capacity})$

NOTE

- You can connect maximum 64 indoor units to the outdoor unit.
 - Maximum quantity of connectable indoor unit is set to 64 since outdoor unit only support up to 64 communication address. Indoor unit address can be assigned from 0~63. If the indoor unit address was assigned from 64~79, E201 error will occur.
 - Maximum 32 Wall-mount type indoor units with EEV (AM****NQDEH***, AM****NVDKH***) can be connected.

II. Indoor units

1Way Cassette

- 1 *Specifications*
- 2 *Capacity Table*
- 3 *Dimensional Drawing*
- 4 *Electrical Wiring Diagram*
- 5 *Sound Pressure Level*
- 6 *Sound Power Level*
- 7 *Temperature and air flow distribution*

1 Specifications

1Way Cassette

Type				1Way Cassette		1Way Cassette		1Way Cassette	
Model				AM017HN1DEH/EU		AM022FN1DEH/EU		AM022HN1DEH/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	1.70		2.20		2.20	
			Btu/h	5,800		7,500		7,500	
		Heating	kW	1.90		2.50		2.50	
			Btu/h	6,500		8,500		8,500	
Power	Power Input (Nominal)	Cooling	W	24.00		0.40		25.00	
		Heating		24.00		0.40		25.00	
	Current Input (Nominal)	Cooling	A	0.14		0.20		0.15	
		Heating		0.14		0.20		0.15	
Fan	Motor	Type	-	Crossflow Fan		Crossflow Fan		Crossflow Fan	
		Output x n	w	27 x 1		17 x 1		27 x 1	
	Air Flow Rate	H/M/L (UL)	CMM	4.80 / 4.30 / 4.10		6.00 / 5.00 / 4.00		5.10 / 4.60 / 4.30	
			l/s	80.00 / 71.67 / 68.33		100.00 / 83.33 / 66.67		85.00 / 76.67 / 71.67	
	External Pressure	Min/Std/Max	mmAq	-		-		-	
			Pa	-		-		-	
Piping Connections	Liquid Pipe		Ø, mm	6.35		6.35		6.35	
			Ø, inch	1/4"		1/4"		1/4"	
	Gas Pipe		Ø, mm	12.70		12.70		12.70	
			Ø, inch	1/2"		1/2"		1/2"	
	Drain Pipe		Ø, mm	VP20 (OD 26,ID 20)		VP20 (OD 26,ID 20)		VP20 (OD 26,ID 20)	
Field Wiring	Power Source Wire		mm²	1.5 - 2.5		1.5 - 2.5		1.5 - 2.5	
	Transmission Cable		mm²	0.75 - 1.50		0.75 - 1.50		0.75 - 1.50	
Refrigerant	Type		-	R410A		R410A		R410A	
	Control Method		-	EEV(O)		EEV(O)		EEV(O)	
Sound	Pressure	High / Mid / Low	dB(A)	27 / 24 / 21		27 / 25 / 23		27 / 25 / 23	
	Power	Cooling		43		45		46	
Dimension	Net Weight		kg	8.0		10.5		8.0	
	Shipping Weight		kg	10.8		13.0		10.8	
	Net Dimensions (WxHxD)		mm	740 x 135 x 360		970 x 135 x 410		740 x 135 x 360	
	Shipping Dimensions (WxHxD)		mm	895 x 223 x 435		1,164 x 212 x 478		895 x 223 x 435	
Panel Size	Panel model		-	PC1MWSKAN		PC1NUSMAN		PC1MWSKAN	
	Panel Net Weight		kg	2.6		3.1		2.6	
	Shipping Weight		kg	4.2		6.4		4.2	
	Net Dimensions (WxHxD)		mm	900 x 25 x 420		1,198 x 25 x 500		900 x 25 x 420	
	Shipping Dimensions (WxHxD)		mm	958 x 112 x 482		1,262 x 144 x 542		958 x 112 x 482	
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 for product improvement.

* Mode

- HP : Heat Pump, HR : Heat Recovery

* Nominal cooling capacities are based on;

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

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

* Nominal heating capacities are based on;

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

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

* Sound pressure 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.

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

1 Specifications

1Way Cassette

Type				1Way Cassette		1Way Cassette	
Model				AM028FN1DEH/EU		AM036FN1DEH/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	45.00		50.00	
		Heating		45.00		50.00	
	Current Input (Nominal)	Cooling	A	0.23		0.25	
		Heating		0.23		0.25	
Fan	Motor	Type	-	Crossflow Fan		Crossflow Fan	
		Output x n	w	17 x 1		17 x 1	
	Air Flow Rate	H/M/L (UL)	CMM	7.00 / 6.00 / 5.00		8.00 / 7.00 / 6.00	
			l/s	116.67 / 100.00 / 83.33		133.33 / 116.67 / 100.00	
	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	VP20 (OD 26,ID 20)		VP20 (OD 26,ID 20)	
Field Wiring	Power Source Wire		mm²	1.5 - 2.5		1.5 - 2.5	
	Transmission Cable		mm²	0.75 - 1.50		0.75 - 1.50	
Refrigerant	Type		-	R410A		R410A	
	Control Method		-	EEV(O)		EEV(O)	
Sound	Pressure	High / Mid / Low	dB(A)	29 / 27 / 24		35 / 31 / 27	
	Power	Cooling		48		52	
Dimension	Net Weight		kg	10.5		10.5	
	Shipping Weight		kg	13.0		13.0	
	Net Dimensions (WxHxD)		mm	970 x 135 x 410		970 x 135 x 410	
	Shipping Dimensions (WxHxD)		mm	1,164 x 212 x 478		1,164 x 212 x 478	
Panel Size	Panel model		-	PC1NUSMAN		PC1NUSMAN	
	Panel Net Weight		kg	3.1		3.1	
	Shipping Weight		kg	6.4		6.4	
	Net Dimensions (WxHxD)		mm	1,198 x 25 x 500		1,198 x 25 x 500	
	Shipping Dimensions (WxHxD)		mm	1,262 x 144 x 542		1,262 x 144 x 542	
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 for product improvement.

* Mode

- HP : Heat Pump, HR : Heat Recovery

* Nominal cooling capacities are based on;

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

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

* Nominal heating capacities are based on;

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

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

* Sound pressure 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.

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

1 Specifications

1Way Cassette

Type				1Way Cassette		1Way Cassette	
Model				AM056JN1DEH/EU		AM071JN1DEH/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	5.60		7.10	
			Btu/h	19,100		24,200	
		Heating	kW	6.30		8.00	
			Btu/h	21,500		27,300	
Power	Power Input (Nominal)	Cooling	W	55.00		80.00	
		Heating		55.00		80.00	
	Current Input (Nominal)	Cooling	A	0.28		0.40	
		Heating		0.28		0.40	
Fan	Motor	Type	-	Crossflow Fan		Crossflow Fan	
		Output x n	w	54 x 1		54 x 1	
	Air Flow Rate	H/M/L (UL)	CMM	16.00 / 14.00 / 12.50		17.00 / 15.50 / 14.00	
			l/s	266.67 / 233.33 / 208.33		283.33 / 258.33 / 233.33	
	External Pressure	Min/Std/Max	mmAq	-		-	
			Pa	-		-	
Piping Connections	Liquid Pipe		Ø, mm	6.35		9.52	
			Ø, inch	1/4"		3/8"	
	Gas Pipe		Ø, mm	12.70		15.88	
			Ø, inch	1/2"		5/8"	
	Drain Pipe		Ø, mm	VP20 (OD 25,ID 20)		VP20 (OD 25,ID 20)	
Field Wiring	Power Source Wire		mm²	1.5 - 2.5		1.5 - 2.5	
	Transmission Cable		mm²	0.75 - 1.50		0.75 - 1.50	
Refrigerant	Type		-	R410A		R410A	
	Control Method		-	EEV INCLUDED		EEV INCLUDED	
Sound	Pressure	High / Mid / Low	dB(A)	36.0 / 33.0 / 31.0		39.0 / 37.0 / 34.0	
	Power	Cooling		58.0		60.0	
Dimension	Net Weight		kg	14.50		14.50	
	Shipping Weight		kg	18.50		18.50	
	Net Dimensions (WxHxD)		mm	1,200 x 138 x 450		1,200 x 138 x 450	
	Shipping Dimensions (WxHxD)		mm	1,435 x 224 x 525		1,435 x 224 x 525	
Panel Size	Panel model		-	PC1BWSMAN		PC1BWSMAN	
	Panel Net Weight		kg	6.30		6.30	
	Shipping Weight		kg	8.30		8.30	
	Net Dimensions (WxHxD)		mm	1,410 x 23 x 500		1,410 x 23 x 500	
	Shipping Dimensions (WxHxD)		mm	1,474 x 122 x 566		1,474 x 122 x 566	
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 for product improvement.

* Mode

- HP : Heat Pump, HR : Heat Recovery

* Nominal cooling capacities are based on;

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

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

* Nominal heating capacities are based on;

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

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

* Sound pressure 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.

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

2 Capacity table

1Way Cassette

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Capacity Index	Outdoor Air Temp. (°C, DB)	Indoor temperature													
		20(°C, DB)		23(°C, DB)		26(°C, DB)		27(°C, DB)		28(°C, DB)		30(°C, DB)		32(°C, DB)	
		14(°C, WB)		16(°C, WB)		18(°C, WB)		19(°C, WB)		20(°C, WB)		22(°C, WB)		24(°C, WB)	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
017	10	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	12	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	14	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	16	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	18	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	20	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	21	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	23	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	25	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	27	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	29	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	31	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	33	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	35	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	37	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
	39	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	2.0	1.1
022	42	1.2	1.0	1.4	1.1	1.6	1.2	1.7	1.2	1.8	1.2	1.9	1.2	1.9	1.1
	44	1.2	1.0	1.4	1.1	1.5	1.2	1.6	1.1	1.7	1.2	1.8	1.1	1.9	1.0
	46	1.2	1.0	1.4	1.1	1.5	1.1	1.6	1.1	1.7	1.1	1.7	1.1	1.8	1.0
	48	1.2	1.0	1.4	1.1	1.5	1.1	1.5	1.1	1.6	1.1	1.7	1.1	1.8	1.0
	10	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.5	1.6	2.6	1.4
	12	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.5	1.6	2.6	1.4
	14	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.5	1.6	2.6	1.4
	16	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	18	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	20	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	21	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	23	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	25	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	27	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	29	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	31	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
028	33	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	35	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	37	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	39	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.5	1.3
	42	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.4	1.3
	44	1.5	1.3	1.8	1.4	2.0	1.4	2.1	1.4	2.2	1.4	2.3	1.4	2.4	1.2
	46	1.5	1.3	1.8	1.4	2.0	1.4	2.0	1.4	2.1	1.4	2.2	1.4	2.3	1.2
	48	1.5	1.3	1.8	1.4	2.0	1.4	2.0	1.3	2.1	1.4	2.1	1.3	2.2	1.1
	10	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.4	1.9
	12	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	14	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	16	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	18	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	20	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	21	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	23	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	25	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	27	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	29	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	31	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	33	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	35	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	37	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	39	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.0	1.8	3.2	1.7
	42	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	2.9	1.8	3.1	1.7
	44	1.9	1.6	2.3	1.8	2.5	1.8	2.7	1.8	2.8	1.8	2.8	1.7	3.0	1.6
	46	1.9	1.6	2.3	1.8	2.5	1.8	2.6	1.8	2.7	1.8	2.7	1.6	2.9	1.6
	48	1.9	1.6	2.2	1.8	2.4	1.8	2.5	1.7	2.6	1.7	2.7	1.6	2.8	1.5

2 Capacity table

1Way Cassette

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Capacity Index	Outdoor Air Temp. (°C, DB)	Indoor temperature													
		20(°C, DB)		23(°C, DB)		26(°C, DB)		27(°C, DB)		28(°C, DB)		30(°C, DB)		32(°C, DB)	
		14(°C, WB)		16(°C, WB)		18(°C, WB)		19(°C, WB)		20(°C, WB)		22(°C, WB)		24(°C, WB)	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
036	10	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.3	2.5
	12	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.3	2.5
	14	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.3	2.5
	16	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.3	2.5
	18	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.3	2.5
	20	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	21	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	23	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	25	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	27	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	29	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	31	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	33	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	35	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	37	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	3.9	2.5	4.2	2.4
056	39	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	3.9	2.5	4.1	2.3
	42	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	3.8	2.5	4.0	2.2
	44	2.5	2.2	2.9	2.4	3.3	2.3	3.4	2.5	3.6	2.5	3.7	2.4	3.9	2.2
	46	2.5	2.2	2.9	2.4	3.2	2.3	3.3	2.4	3.4	2.4	3.6	2.3	3.8	2.1
	48	2.5	2.2	2.8	2.3	3.2	2.2	3.2	2.3	3.4	2.4	3.5	2.2	3.6	2.0
	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

1Way Cassette

Heating

TC : Total Capacity

Capacity Index	Outdoor Air Temp. (°C)		Indoor temperature (°C,DB)				
			16(°C,DB)	18(°C,DB)	20(°C,DB)	22(°C,DB)	24(°C,DB)
	DB	WB	TC kW	TC kW	TC kW	TC kW	TC kW
017	-19.8	-20.0	1.1	1.1	1.1	1.1	1.1
	-18.8	-19.0	1.1	1.1	1.1	1.1	1.1
	-16.7	-17.0	1.2	1.2	1.2	1.2	1.2
	-14.7	-15.0	1.3	1.2	1.2	1.2	1.2
	-12.6	-13.0	1.4	1.4	1.4	1.4	1.3
	-10.5	-11.0	1.5	1.5	1.4	1.4	1.4
	-9.5	-10.0	1.5	1.5	1.5	1.4	1.4
	-8.5	-9.1	1.6	1.6	1.6	1.5	1.5
	-7.0	-7.6	1.7	1.7	1.7	1.5	1.5
	-5.0	-5.6	1.8	1.7	1.7	1.7	1.7
	-3.0	-3.7	1.9	1.9	1.8	1.7	1.7
	0.0	-0.7	2.0	1.9	1.9	1.7	1.7
	3.0	2.2	2.1	2.0	1.9	1.7	1.7
	5.0	4.1	2.1	2.1	1.9	1.7	1.7
	7.0	6.0	2.1	2.1	1.9	1.7	1.7
	9.0	7.9	2.3	2.1	1.9	1.7	1.7
022	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5
	-18.8	-19.0	1.5	1.5	1.5	1.5	1.5
	-16.7	-17.0	1.6	1.6	1.6	1.6	1.6
	-14.7	-15.0	1.7	1.6	1.6	1.6	1.6
	-12.6	-13.0	1.8	1.8	1.8	1.8	1.7
	-10.5	-11.0	2.0	2.0	1.9	1.9	1.9
	-9.5	-10.0	2.1	2.0	2.0	1.9	1.9
	-8.5	-9.1	2.2	2.1	2.1	2.0	2.0
	-7.0	-7.6	2.3	2.2	2.2	2.0	2.0
	-5.0	-5.6	2.4	2.3	2.3	2.2	2.2
	-3.0	-3.7	2.5	2.5	2.4	2.3	2.2
	0.0	-0.7	2.6	2.5	2.5	2.3	2.2
	3.0	2.2	2.7	2.6	2.5	2.3	2.2
	5.0	4.1	2.8	2.7	2.5	2.3	2.2
	7.0	6.0	2.8	2.7	2.5	2.3	2.2
	9.0	7.9	3.0	2.7	2.5	2.3	2.2
028	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9
	-18.8	-19.0	1.9	1.9	1.9	1.9	1.9
	-16.7	-17.0	2.0	2.0	2.0	2.0	1.9
	-14.7	-15.0	2.1	2.1	2.0	2.0	1.9
	-12.6	-13.0	2.2	2.2	2.2	2.1	2.1
	-10.5	-11.0	2.3	2.3	2.3	2.3	2.2
	-9.5	-10.0	2.3	2.3	2.3	2.3	2.2
	-8.5	-9.1	2.4	2.4	2.4	2.4	2.3
	-7.0	-7.6	2.5	2.4	2.4	2.4	2.3
	-5.0	-5.6	2.6	2.6	2.5	2.5	2.4
	-3.0	-3.7	2.8	2.7	2.7	2.6	2.5
	0.0	-0.7	2.9	2.8	2.8	2.7	2.6
	3.0	2.2	3.0	3.0	2.9	2.8	2.7
	5.0	4.1	3.2	3.1	3.1	2.9	2.7
	7.0	6.0	3.3	3.2	3.2	3.0	2.7
	9.0	7.9	3.4	3.3	3.2	3.0	2.7
	11.0	9.8	3.5	3.3	3.2	3.0	2.7
	13.0	11.8	3.6	3.4	3.2	3.0	2.7
	15.0	13.7	3.7	3.4	3.2	3.0	2.7

2 Capacity table

1Way Cassette

Heating

TC : Total Capacity

Capacity Index	Outdoor Air Temp. (°C)		Indoor temperature (°C,DB)				
			16(°C,DB)	18(°C,DB)	20(°C,DB)	22(°C,DB)	24(°C,DB)
	DB	WB	TC kW	TC kW	TC kW	TC kW	TC kW
036	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3
	-18.8	-19.0	2.5	2.4	2.3	2.3	2.3
	-16.7	-17.0	2.6	2.5	2.4	2.4	2.3
	-14.7	-15.0	2.7	2.6	2.5	2.5	2.4
	-12.6	-13.0	2.8	2.7	2.7	2.6	2.6
	-10.5	-11.0	2.9	2.9	2.9	2.8	2.8
	-9.5	-10.0	2.9	2.9	2.9	2.8	2.8
	-8.5	-9.1	3.0	3.0	3.0	2.9	2.9
	-7.0	-7.6	3.1	3.1	3.0	3.0	2.9
	-5.0	-5.6	3.3	3.2	3.2	3.1	3.0
	-3.0	-3.7	3.4	3.4	3.3	3.2	3.1
	0.0	-0.7	3.6	3.6	3.5	3.4	3.2
	3.0	2.2	3.8	3.7	3.7	3.5	3.4
	5.0	4.1	3.9	3.9	3.8	3.6	3.4
	7.0	6.0	4.1	4.1	4.0	3.7	3.4
056	9.0	7.9	4.2	4.1	4.0	3.7	3.4
	11.0	9.8	4.4	4.2	4.0	3.7	3.4
	13.0	11.8	4.5	4.2	4.0	3.7	3.4
	15.0	13.7	4.6	4.3	4.0	3.7	3.4
	-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
071	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
	-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

3 Dimensional drawing

1Way Cassette

AM017HN1DEH/EU, AM022HN1DEH/EU

Units : mm / inches

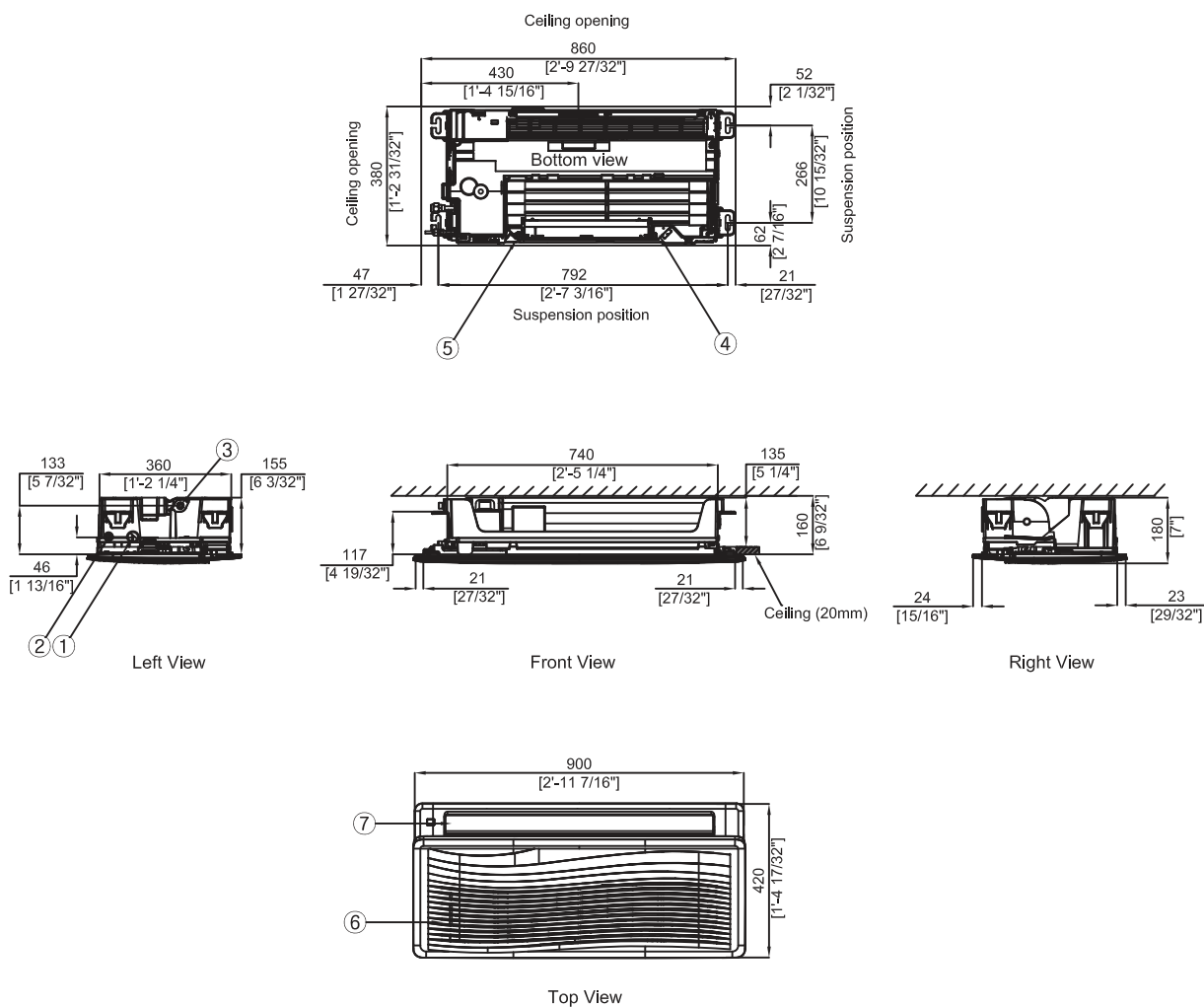


Table of descriptions

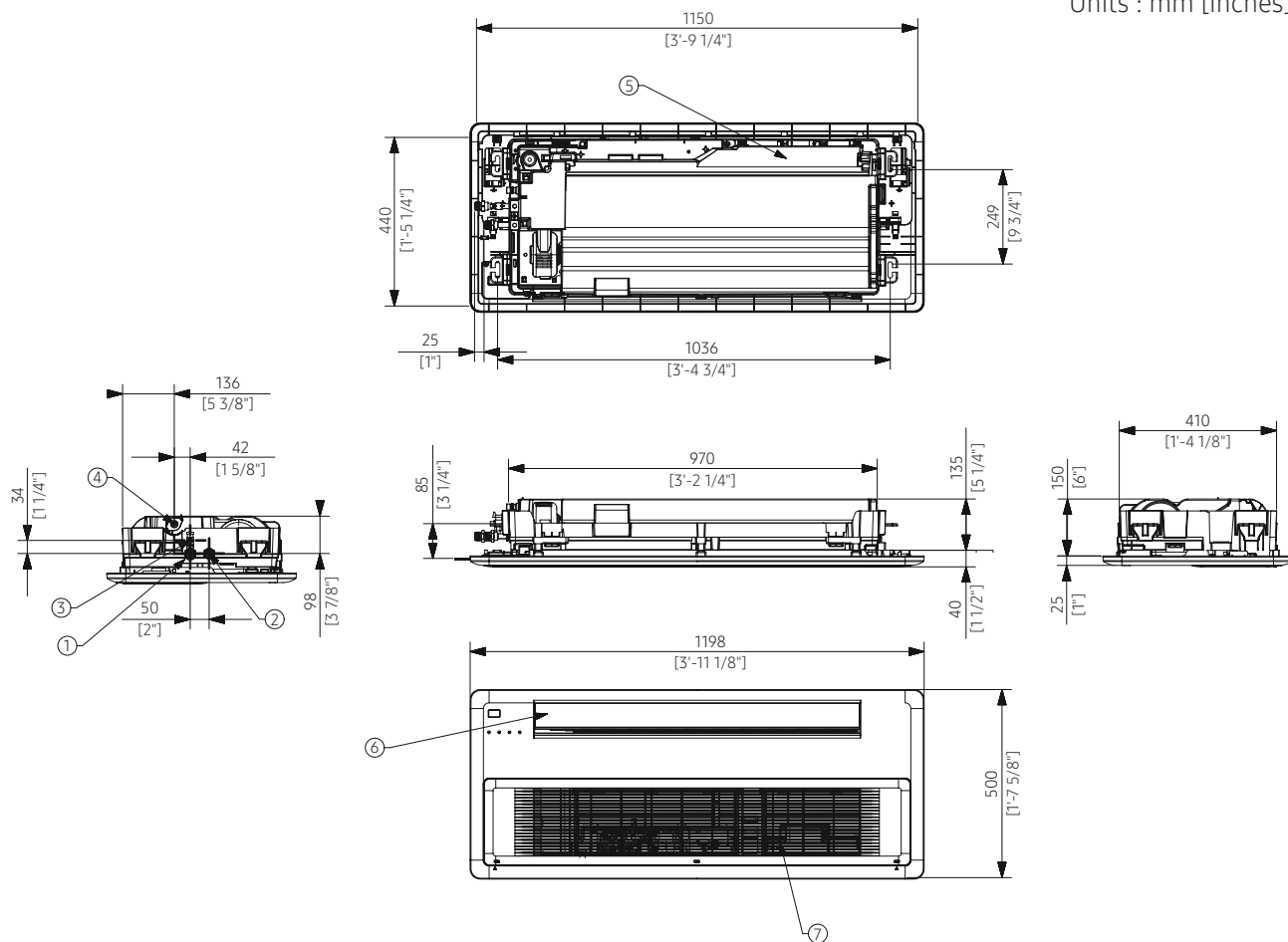
1	Refrigerant gas pipe	7	Air outlet louver
2	Refrigerant liquid pipe	8	
3	Drain pipe	9	
4	Power supply wiring conduit	10	
5	Communication wiring conduit	11	
6	Air inlet grille	12	

3 Dimensional drawing

1Way Cassette

AM022FN1DEH/EU, AM028FN1DEH/EU, AM036FN1DEH/EU

Units : mm [inches]



No	Name	Description
1	Water pipe connection out	PF Male 3/4" (20A)
2	Water pipe connection in	PF Male 3/4" (20A)
3	Air vent valve	-
4	Drain hose	VP20 (OD26, ID20)
5	Power supply & Communication wiring conduit	-
6	Air discharge part	-
7	Air suction part	-

3 Dimensional drawing

1Way Cassette

AM056JN1DEH/EU, AM071JN1DEH/EU

Units : mm / inches

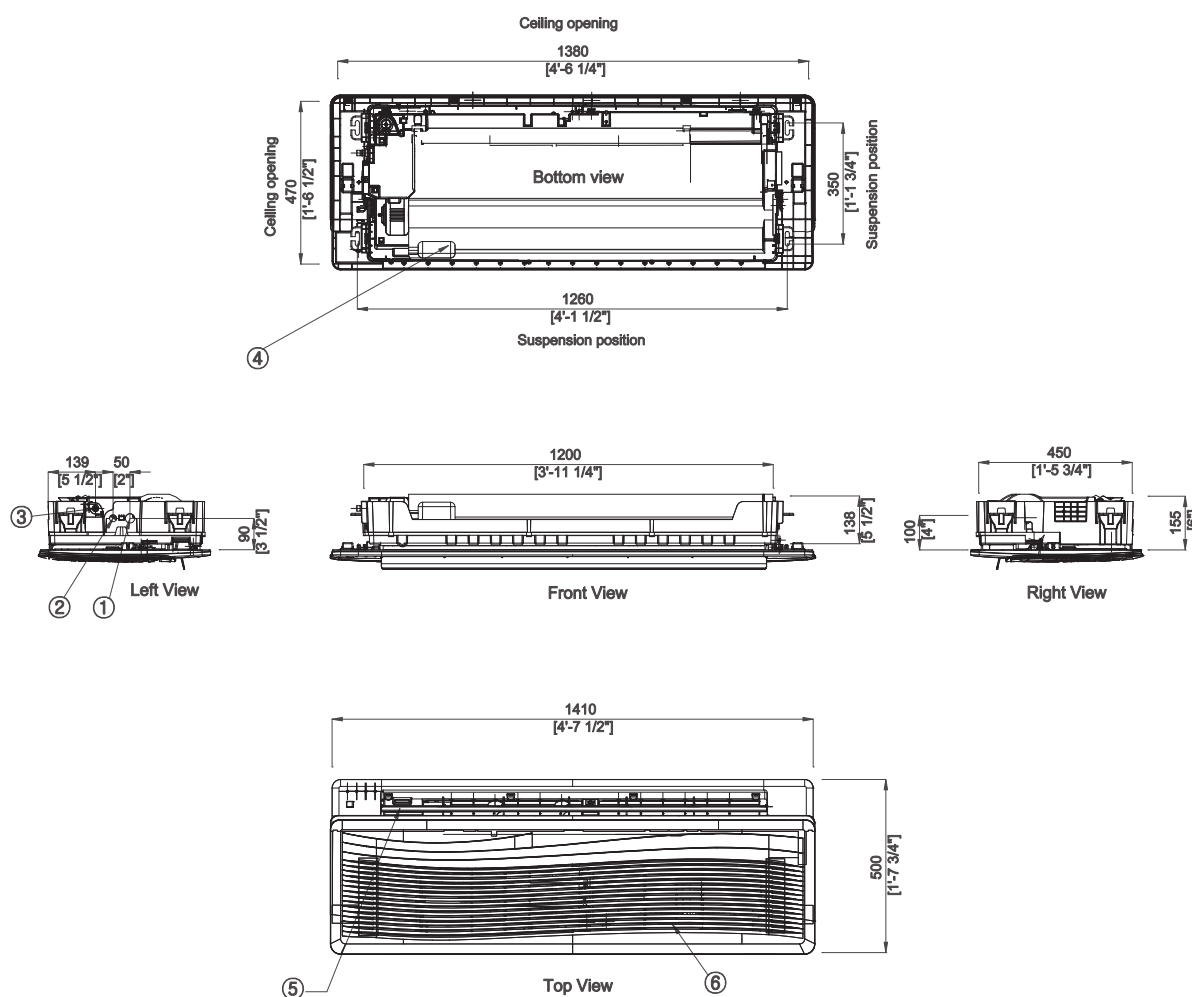


Table of descriptions

1	Refrigerant gas pipe	7	
2	Refrigerant liquid pipe	8	
3	Condensate drain	9	
4	Power & Comm. wiring conduits	10	
5	Air discharge louver	11	
6	Air suction grille	12	

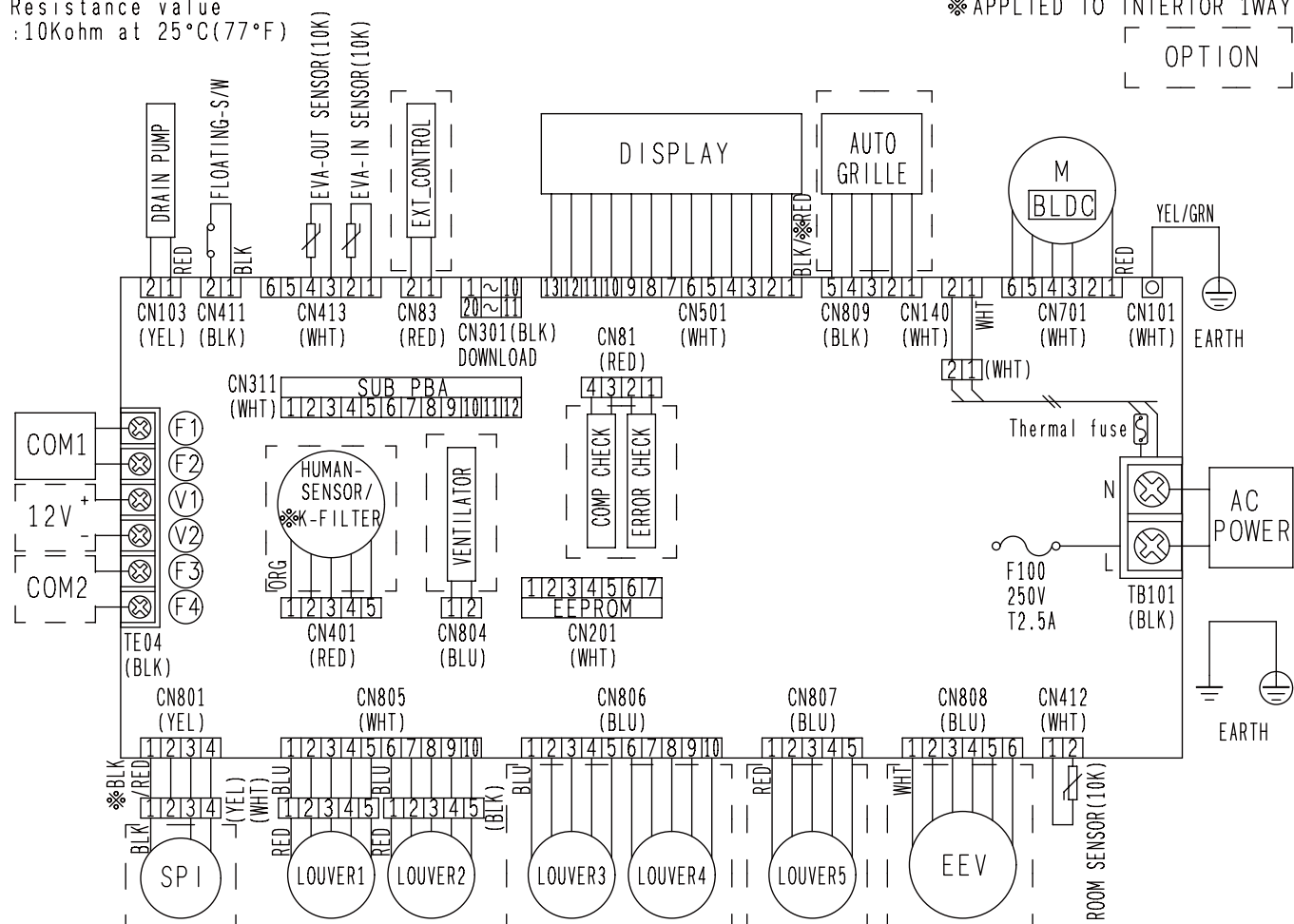
4 Electrical wiring diagram

1Way Cassette

AM017HN1DEH/EU, AM022HN1DEH/EU, AM056JN1DEH/EU, AM071JN1DEH/EU

Resistance value
:10Kohm at 25°C(77°F)

※APPLIED TO INTERIOR 1WAY
OPTION



USE COPPER SUPPLY WIRES.
UTILISER DES FILS
D'ALIMENTATION EN CUIVRE.

E-PASS
DB68-03616B

LED LAMP DISPLAY					LED DISPLAY FOR ERROR DETECTION	
OPERATION	DEFROST	TIMER	FAN	FILTER		
⏻	⏻	⏻	⏻	⏻		
BLU	GRN	BLU	BLU	BLU		
X	X	●	X	X	ERROR OF TEMPERATURE SENSOR IN THE INDOOR UNIT(OPEN/SHORT)	
●	X	●	X	X	ERROR OF EVA IN,OUT SENSOR IN THE INDOOR UNIT(OPEN/SHORT)	
X	X	X	●	X	ERROR OF FAN MOTOR IN THE INDOOR UNIT	
●	X	X	●	X	ERROR OF OUTDOOR SENSOR(OUTDOOR TEMP./COND/DISCHARGE)	
X	X	●	●	X	NO COMMUNICATION FOR 2 MINUTES BETWEEN INDOOR AND OUTDOOR UNIT	
X	X	●	●	●	ERROR OF OUTDOOR UNIT/SELF-DIAGNOSIS (CHECK ERROR CODE AT OUTDOOR UNIT'S OR SOLUTION DISPLAY)	
X	X	X	●	●	DETECTION OF THE FLOAT SWITCH	
●	●	●	●	●	EEPROM ERROR/EEPROM OPTION ERROR	
X	X	X	X	●	NO MATCH BETWEEN OUTDOOR AND INDOOR	

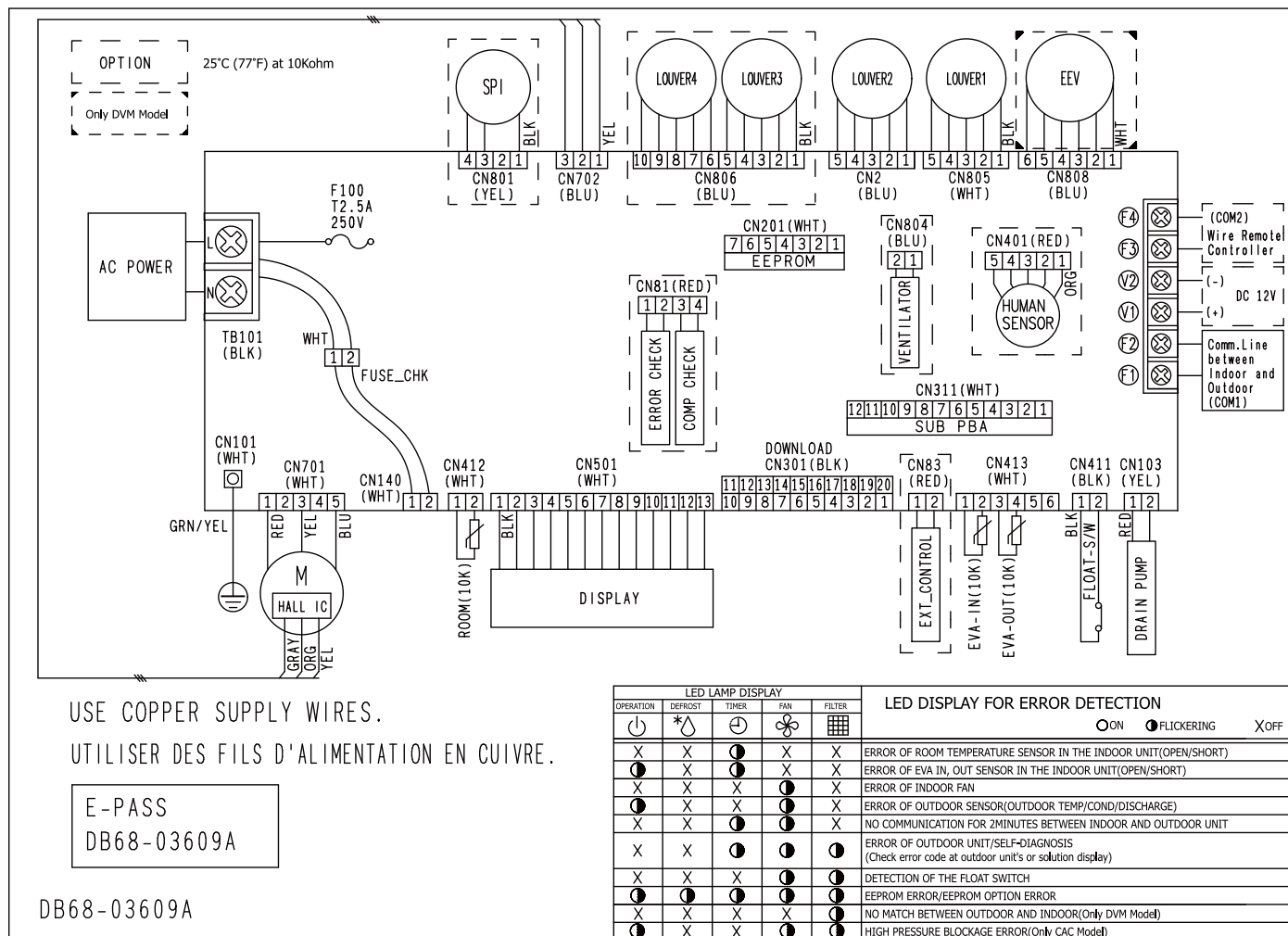
NOTE

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

4 Electrical wiring diagram

1Way Cassette

AM022FN1DEH/EU, AM028FN1DEH/EU, AM036FN1DEH/EU

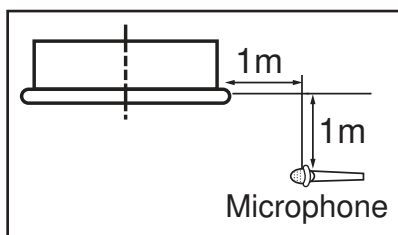


NOTE

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

1Way Cassette



Unit: dB(A)

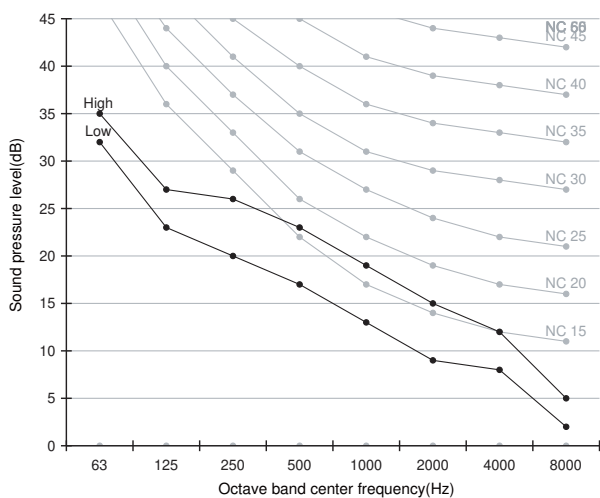
Model	High	Low
AM017HN1DEH/EU	27	21
AM022FN1DEH/EU	27	23
AM022HN1DEH/EU	27	23
AM028FN1DEH/EU	29	24

Note

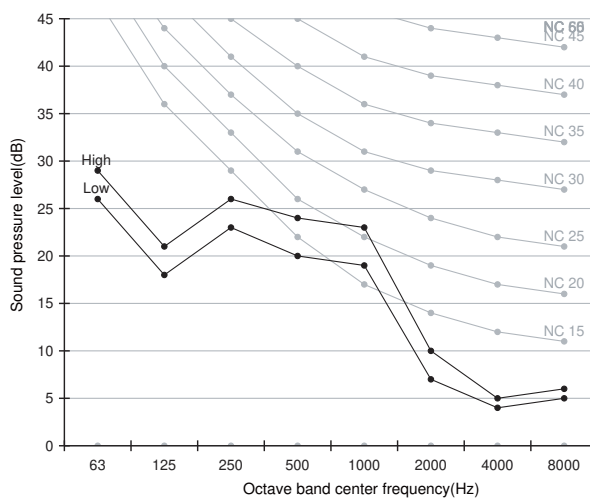
Specifications may be subject to change without prior notice.
 Sound pressure level is obtained in an anechoic room.
 Sound pressure level is a relative value, depending on the distance and acoustic environment.
 Sound pressure level may differ depending on operation condition.
 dBA = A-weighted sound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

NC curve

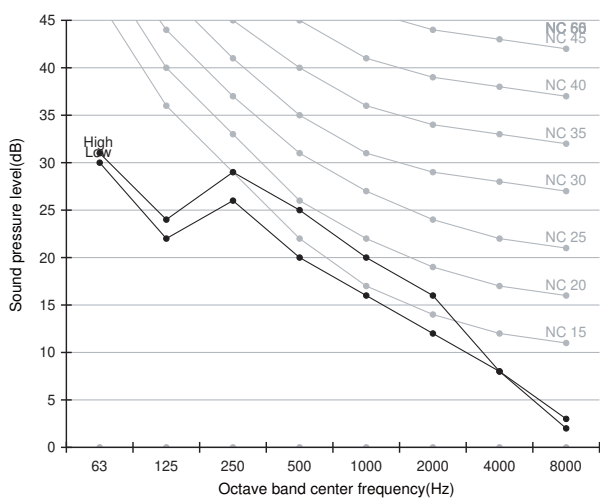
1) AM017HN1DEH/EU



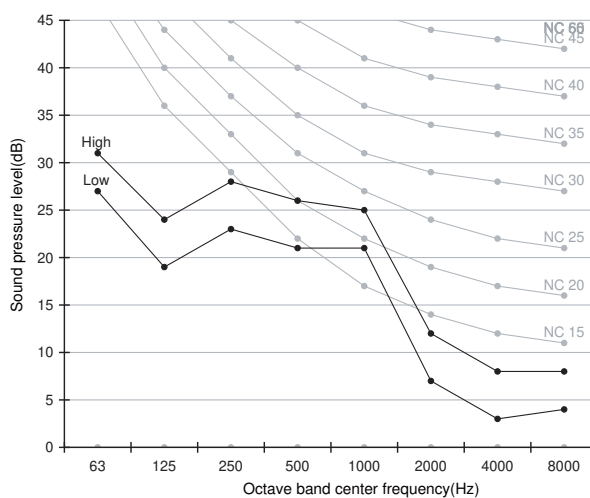
2) AM022FN1DEH/EU



3) AM022HN1DEH/EU

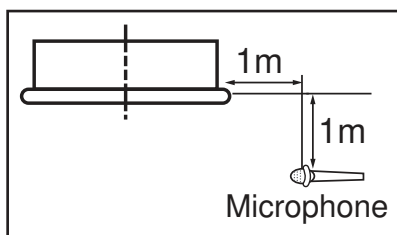


4) AM028FN1DEH/EU



5 Sound pressure level

1Way Cassette



Unit: dB(A)

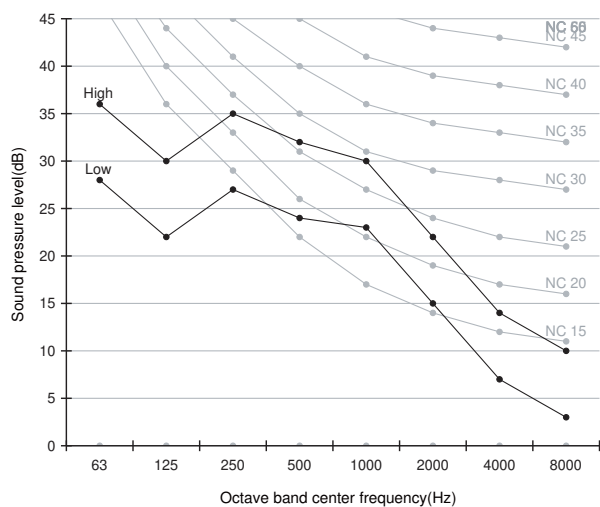
Model	High	Low
AM036FN1DEH/EU	35	27
AM056JN1DEH/EU	36	31
AM071JN1DEH/EU	39	34

Note

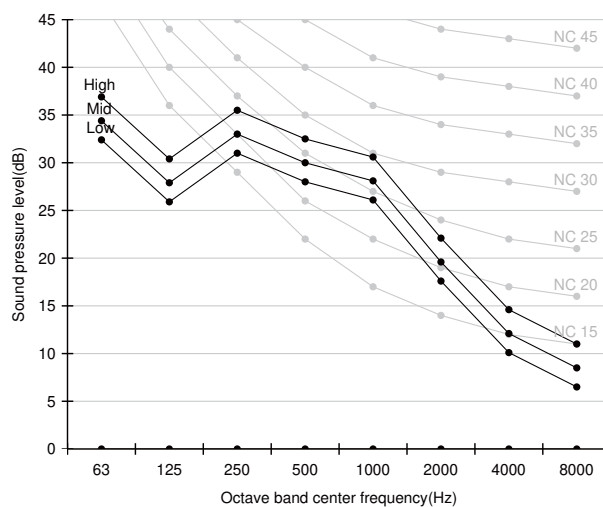
Specifications may be subject to change without prior notice.
 Sound pressure level is obtained in an anechoic room.
 Sound pressure level is a relative value, depending on the distance and acoustic environment.
 Sound pressure level may differ depending on operation condition.
 dBA = A-weighted sound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

NC curve

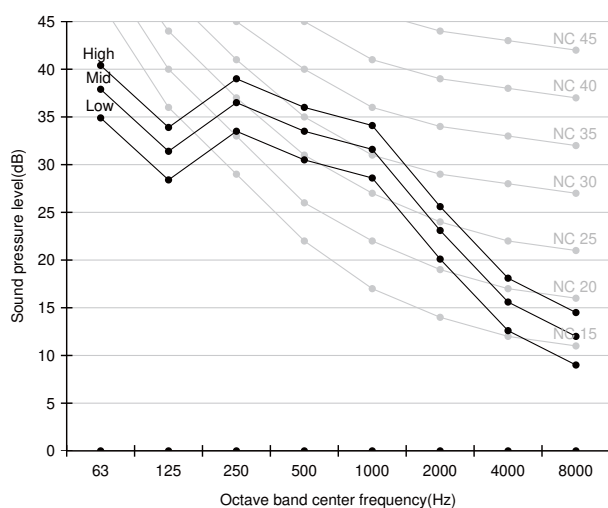
1) AM036FN1DEH/EU



2) AM056JN1DEH/EU



3) AM071JN1DEH/EU



6 Sound power level

1Way Cassette

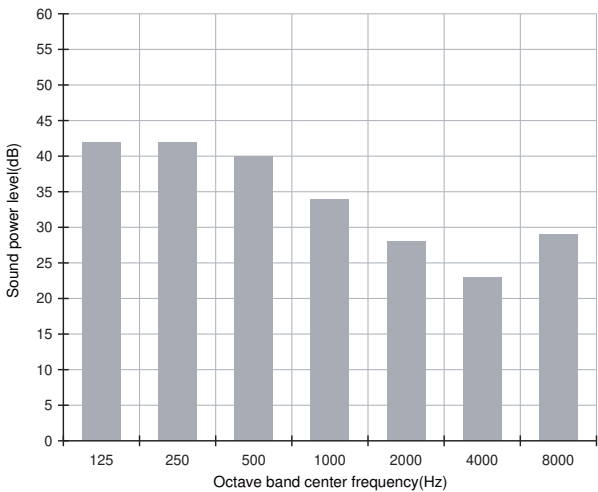
Note

- . 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

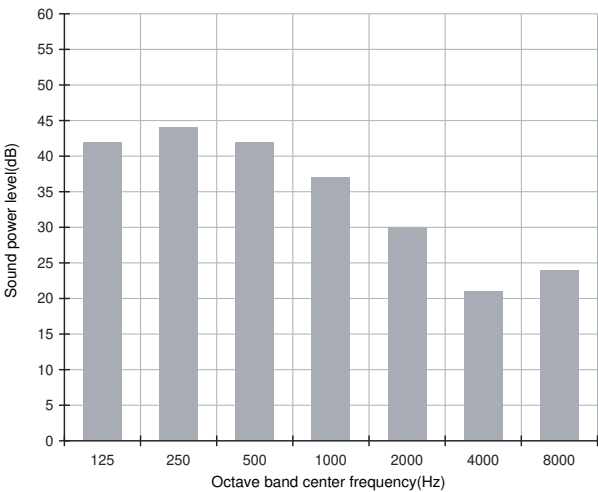
Unit: dB(A)

Model	Power
AM017HN1DEH/EU	43
AM022FN1DEH/EU	45
AM022HN1DEH/EU	46
AM028FN1DEH/EU	48

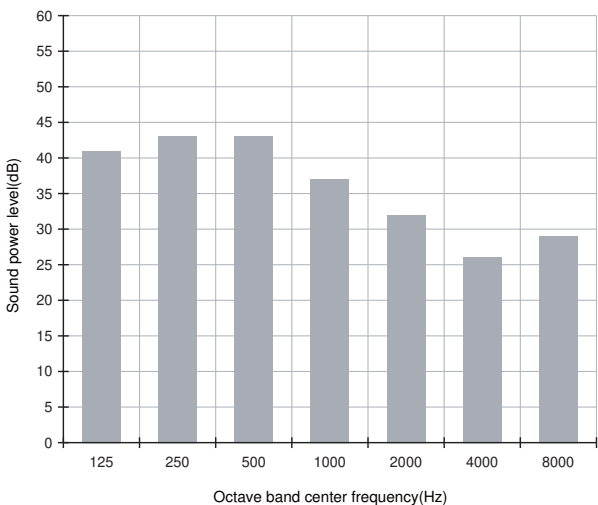
1)AM017HN1DEH/EU



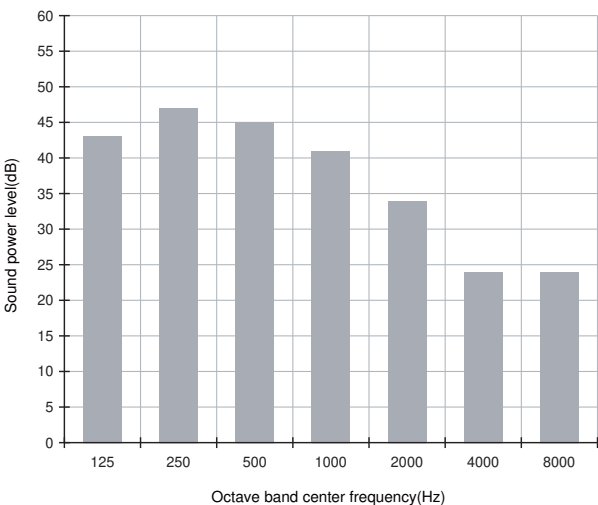
2)AM022FN1DEH/EU



3)AM022HN1DEH/EU



4)AM028FN1DEH/EU



6 Sound power level

1Way Cassette

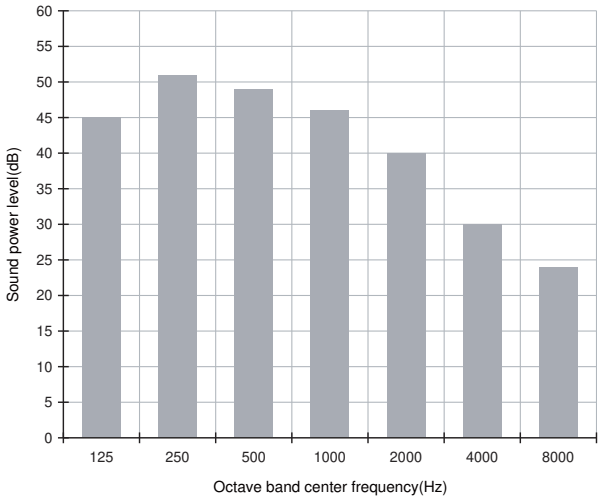
Note

- . 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

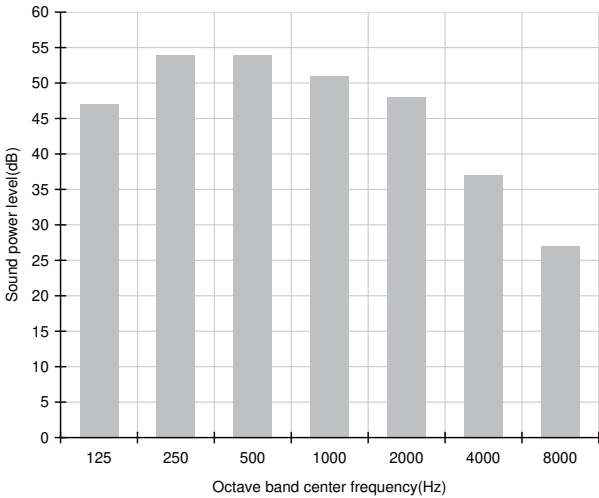
Unit: dB(A)

Model	Power
AM036FN1DEH/EU	52
AM056JN1DEH/EU	58
AM071JN1DEH/EU	60

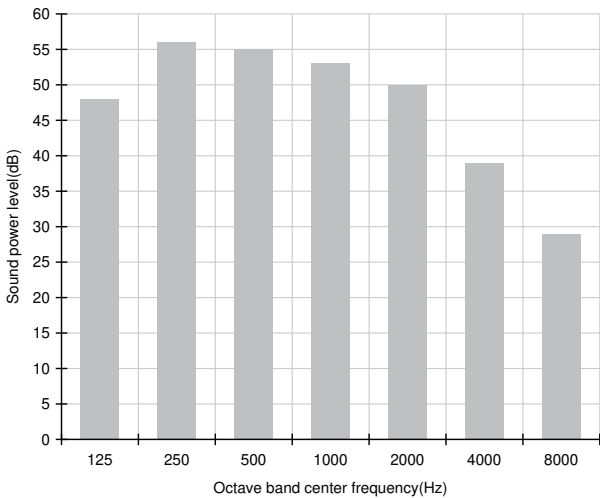
1)AM036FN1DEH/EU



2)AM056JN1DEH/EU



3)AM071JN1DEH/EU



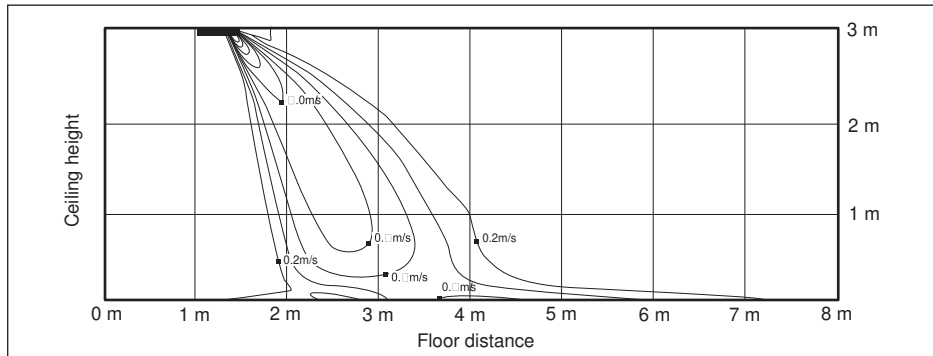
7 Temperature and air flow distribution

1 Way Cassette

AM036FN1DEH/EU

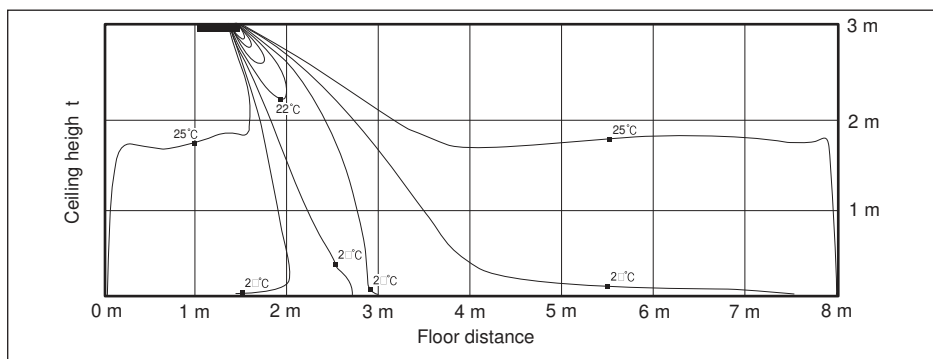
(1) Cooling air velocity distribution

Discharge angle : 60°



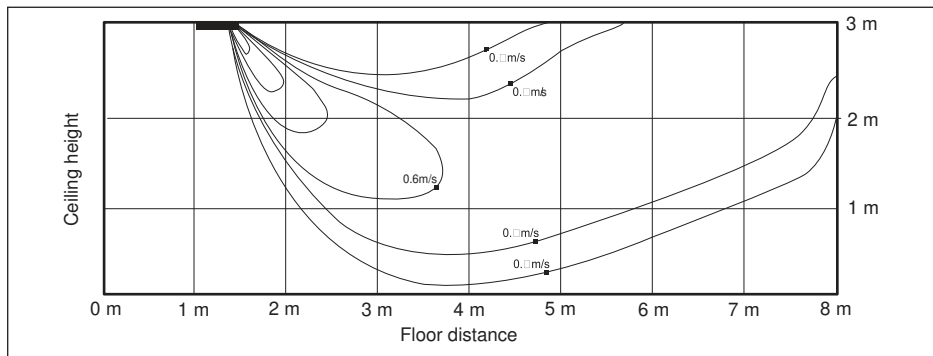
(2) Cooling temperature distribution

Discharge angle : 60°



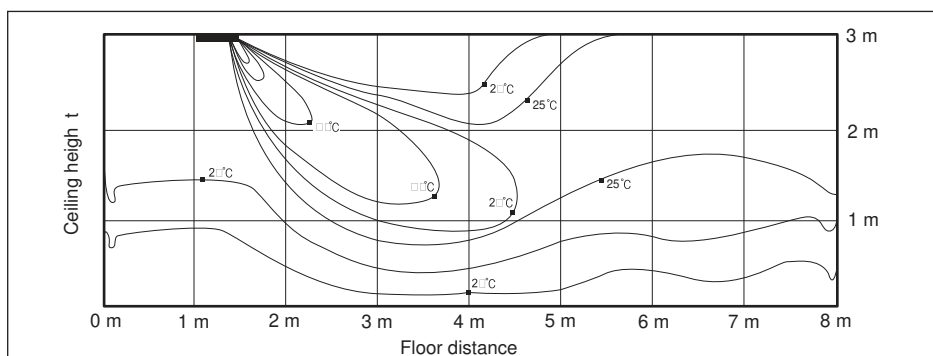
(3) Heating air velocity distribution

Discharge angle : 60°



(4) Heating temperature distribution

Discharge angle : 60°



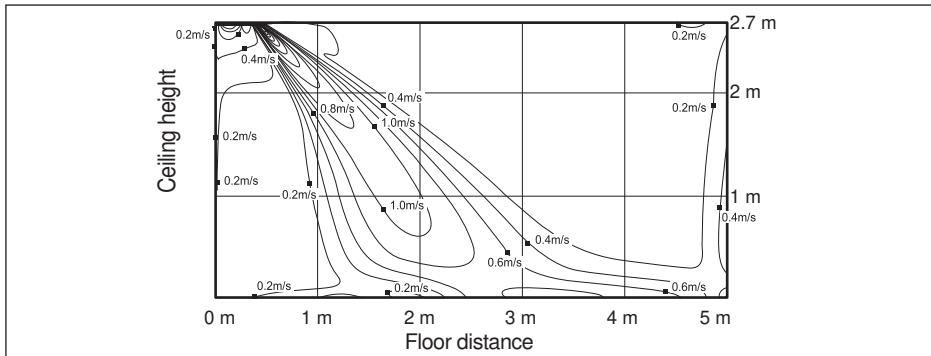
7 Temperature and air flow distribution

1 Way Cassette

AM056JN1DEH/EU

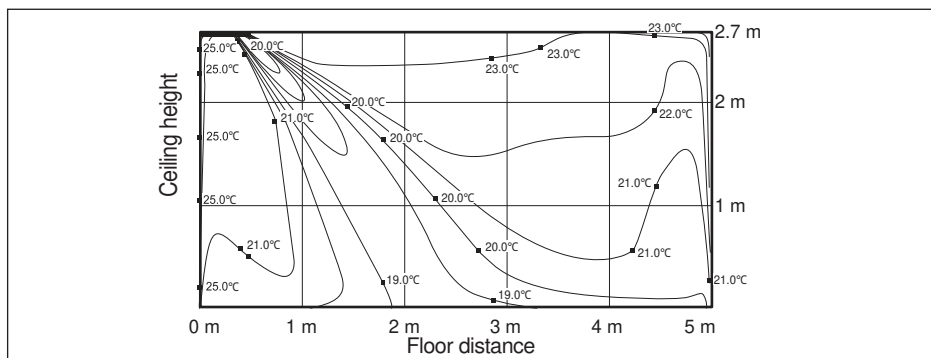
(1) Cooling air velocity distribution

Discharge angle : 50°



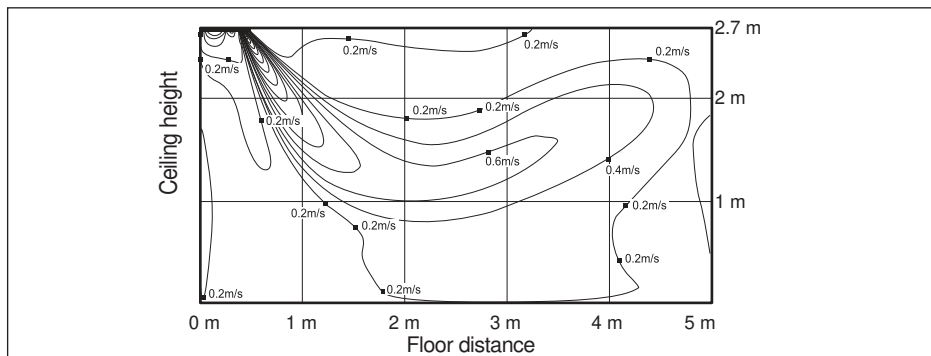
(2) Cooling temperature distribution

Discharge angle : 50°



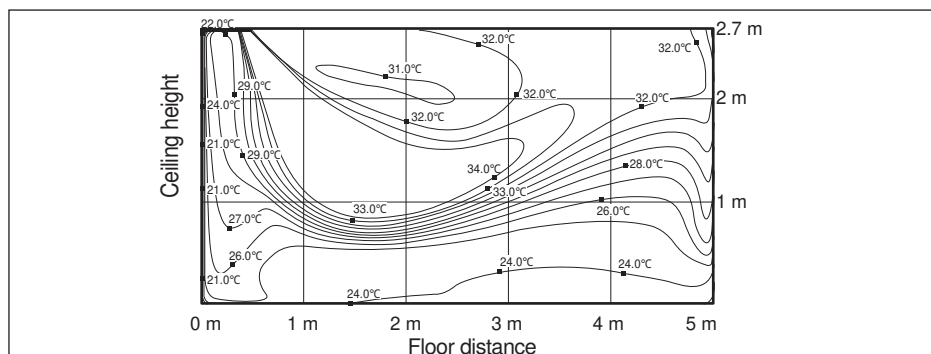
(3) Heating air velocity distribution

Discharge angle : 60°



(4) Heating temperature distribution

Discharge angle : 60°



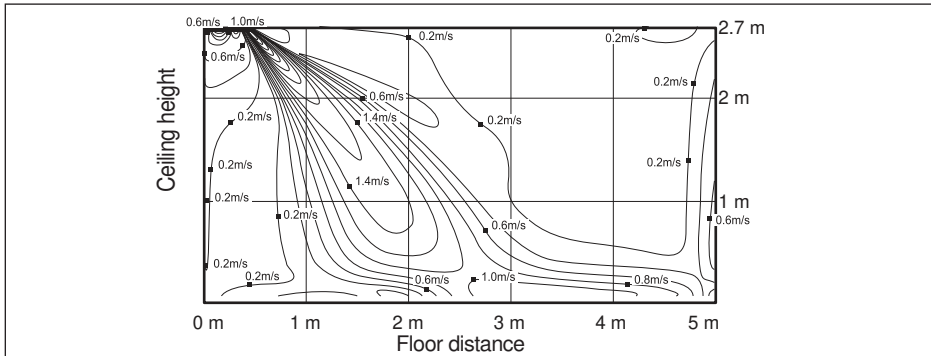
7 Temperature and air flow distribution

1 Way Cassette

AM071JN1DEH/EU

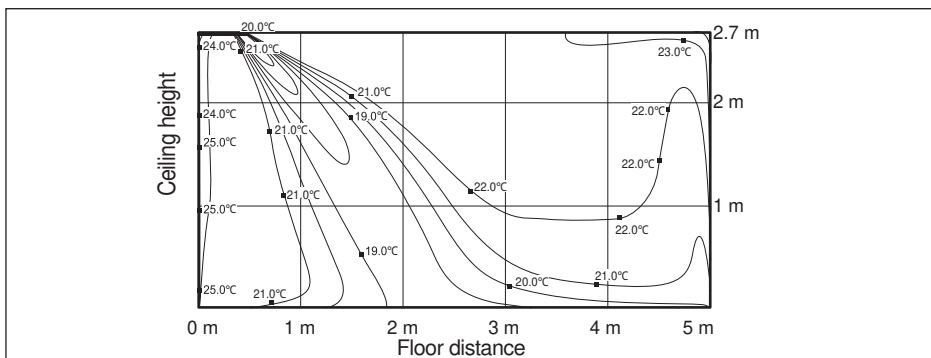
(1) Cooling air velocity distribution

Discharge angle : 50°



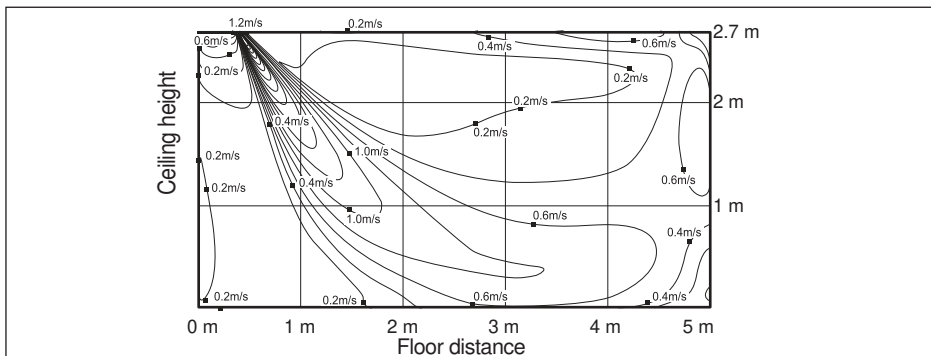
(2) Cooling temperature distribution

Discharge angle : 50°



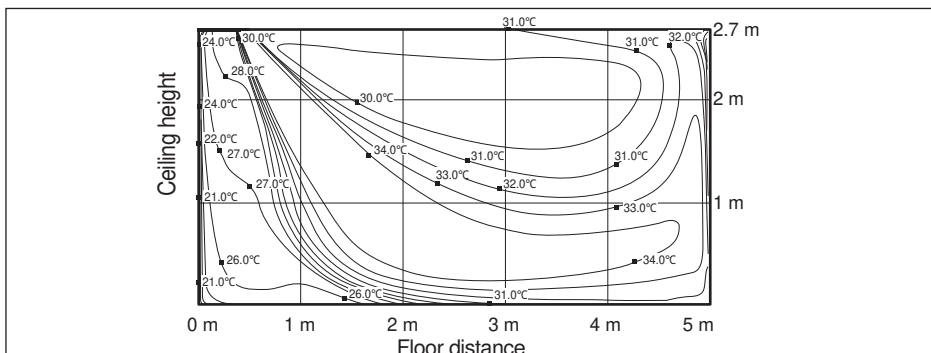
(3) Heating air velocity distribution

Discharge angle : 60°



(4) Heating temperature distribution

Discharge angle : 60°



2Way Cassette

- 1 *Specifications*
- 2 *Capacity Table*
- 3 *Dimensional Drawing*
- 4 *Electrical Wiring Diagram*
- 5 *Sound Pressure Level*
- 6 *Temperature and air flow distribution*

1 Specifications

2Way Cassette

1) Technical specifications

Model				AM056FN2DEH***	AM071FN2DEH***
Power Supply			Ø, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50
Mode *1)			-	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling *2)	kW	5.6	7.1
			Btu/h	19,100	24,200
		Heating *3)	kW	6.3	8.0
			Btu/h	21,500	27,300
Power	Power Input (Nominal)	Cooling *2)	W	70	75
		Heating *3)		70	75
	Current Input (Nominal)	Cooling *2)	A	0.38	0.40
		Heating *3)		0.38	0.40
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan
		Output	W	14	14
		Number of unit	EA	2	2
	Air Flow Rate	H/M/L (UL)	CMM	14 / 13 / 12	15 / 14 / 13
			l/s	233.33/216.67/200.00	250.00/233.33/216.67
	External Pressure	Min / Std / Max	mmAq	-	-
			Pa	-	-
			WG	-	-
Option Code			-	012044-115561-203838-330010	012044-115582-204747-330010
Piping Connections	Liquid Pipe		Ø, mm	6.35	9.52
			Ø, inch	1/4	3/8
	Gas Pipe		Ø, mm	12.70	15.88
			Ø, inch	1/2	5/8
	Drain Pipe		Ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Field Wiring	Power Source Wire	Below 20m / over 20m	mm ²	1.5 / 2.5	1.5 / 2.5
	Transmission Cable		mm ²	0.75~1.5	0.75~1.5
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low *4)	dBA	38 / 37 / 35	41 / 39 / 37
Dimensions	Net Weight		kg	21.00	22.00
	Shipping Weight		kg	25.00	26.00
	Net Dimensions (W×H×D)		mm	890 x 230 x 575	890 x 230 x 575
	Shipping Dimensions (W×H×D)		mm	1,077 x 299 x 642	1,077 x 299 x 642
Panel Size	Panel model		-	PC2NUSMEN	PC2NUSMEN
	Panel Net Weight		kg	4.00	4.00
	Shipping Weight		kg	8.00	8.00
	Net Dimensions (W×H×D)		mm	1030 x 25 x 650	1030 x 25 x 650
	Shipping Dimensions (W×H×D)		mm	1103 x 151 x 727	1103 x 151 x 727
Additional Accessories	Drain pump	Drain pump	- / Model	Built-in	Built-in
		Max. lifting Height / Displacement	mm/liter/h	750 / 24	750 / 24
	Air Filter		-	Long life filter	Long life filter

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

*1) Mode

- HP : Heat Pump, HR : Heat Recovery

*2) Nominal cooling capacities are based on;

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

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

*3) Nominal heating capacities are based on;

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

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

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

*5) These products contain R410A which is fluorinated greenhouse gas.

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

2 Capacity table

2Way Cassette

1) Cooling

TC : Total Capacity(kW), SHC : Sensible Heat Capacity(kW)

Capacity Index	Outdoor Air Temp. (°C,DB)	Indoor temperature													
		20(°C,DB)		23(°C,DB)		26(°C,DB)		27(°C,DB)		28(°C,DB)		30(°C,DB)		32(°C,DB)	
		14(°C,WB)		16(°C,WB)		18(°C,WB)		19(°C,WB)		20(°C,WB)		22(°C,WB)		24(°C,WB)	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
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
071	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
	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

2Way Cassette

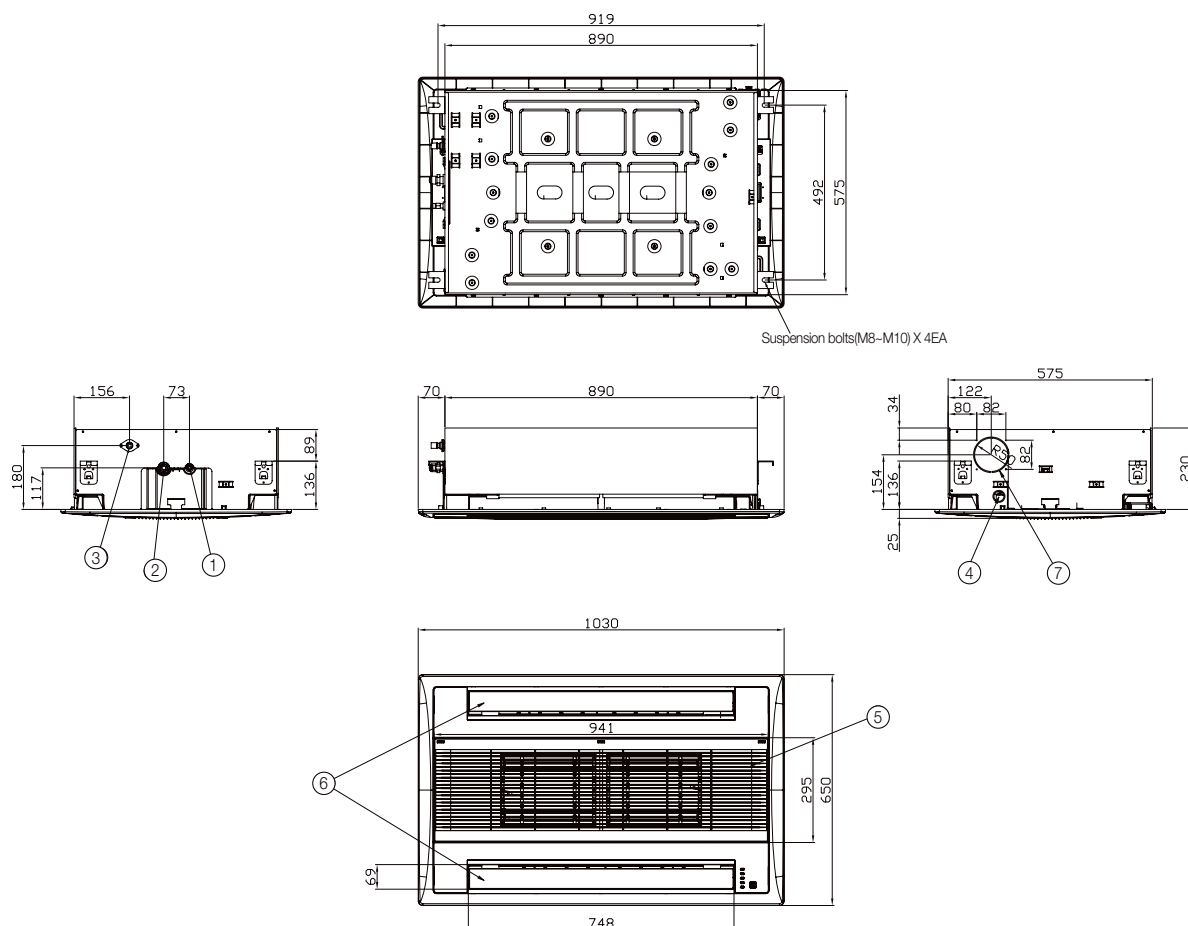
2) Heating

TC : Total Capacity(kW)

Capacity Index	Outdoor Air Temp. (°C)		Indoor temperature (°C,DB)				
			16(°C,DB)	18(°C,DB)	20(°C,DB)	22(°C,DB)	24(°C,DB)
	DB	WB	TC kW	TC kW	TC kW	TC kW	TC kW
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
071	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
	-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

3 Dimensional drawing

2Way Cassette

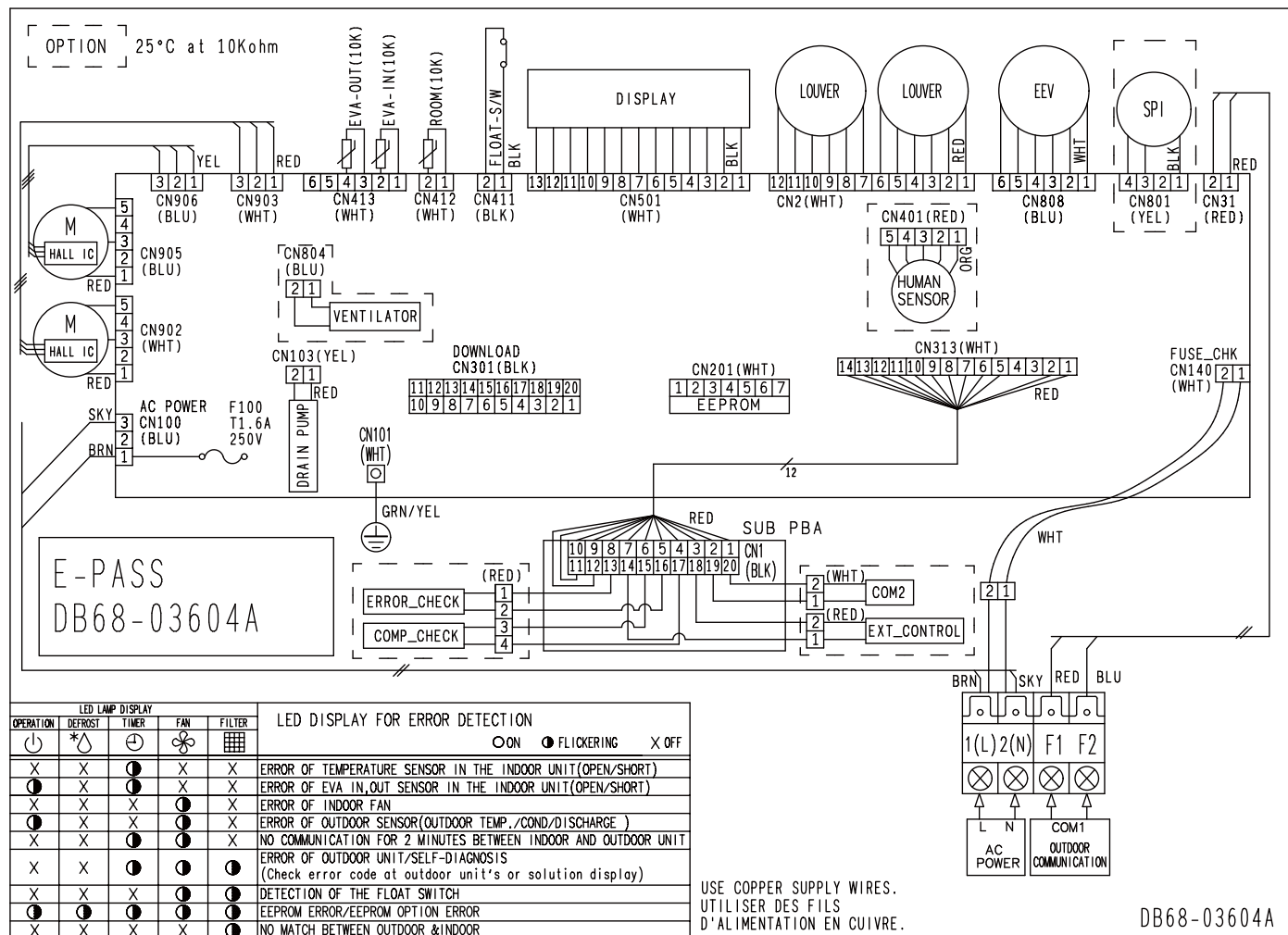


No.	Name	Description	
		5.6kW	7.1kW
①	Liquid pipe connection	Ø6.35 Flare	Ø9.52 Flare
②	Gas pipe connection	Ø12.70 Flare	Ø15.88 Flare
③	Drain pipe connection	VP25 (OD 32, ID 25)	
④	Conduit for power supply & communication wiring	-	-
⑤	Air inlet grille	-	-
⑥	Air outlet louver	-	-
⑦	Fresh air intake	-	-

4 Electrical wiring diagram

2Way Cassette

AM056FN2DEH/EU, AM071FN2DEH/EU

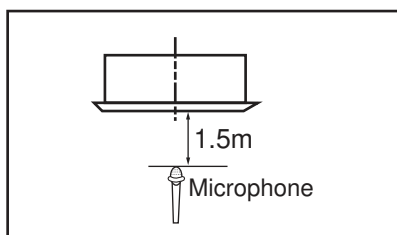


NOTE

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

2Way Cassette



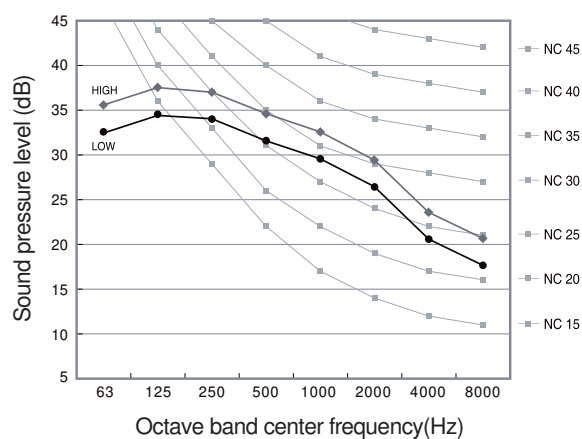
Model	Unit: dB(A)	
	High	Low
AM056FN2DEH/EU	38	35
AM071FN2DEH/EU	41	37

Note

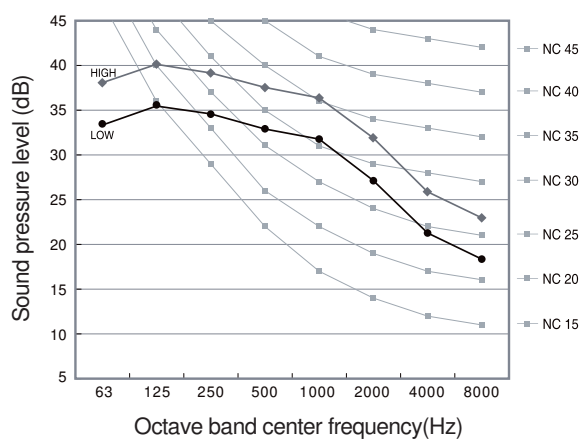
Specifications may be subject to change without prior notice.
Sound pressure level is obtained in an anechoic room.
Sound pressure level is a relative value, depending on the distance and acoustic environment.
Sound pressure level may differ depending on operation condition.
dBA = A-weighted sound pressure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

NC curve

1) AM056FN2DEH/EU



2) AM071FN2DEH/EU



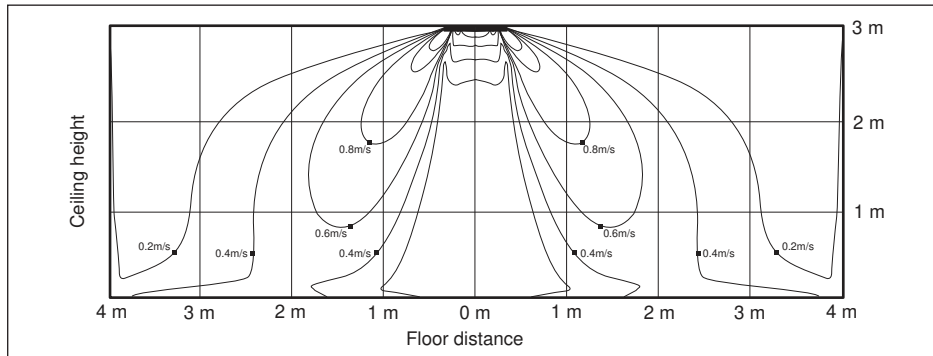
6 Temperature and air flow distribution

2Way Cassette

AM071FN2DEH/EU

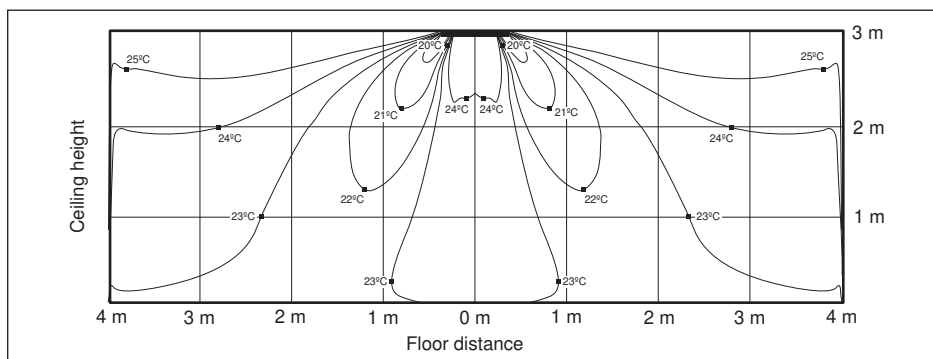
(1) Cooling air velocity distribution

Discharge angle : 54°



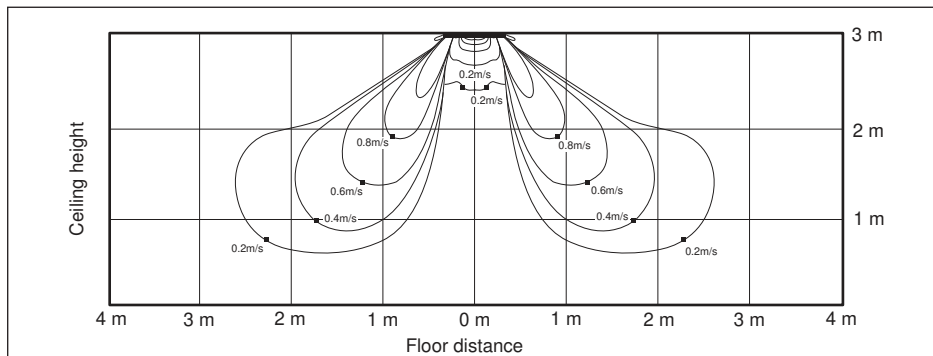
(2) Cooling temperature distribution

Discharge angle : 54°



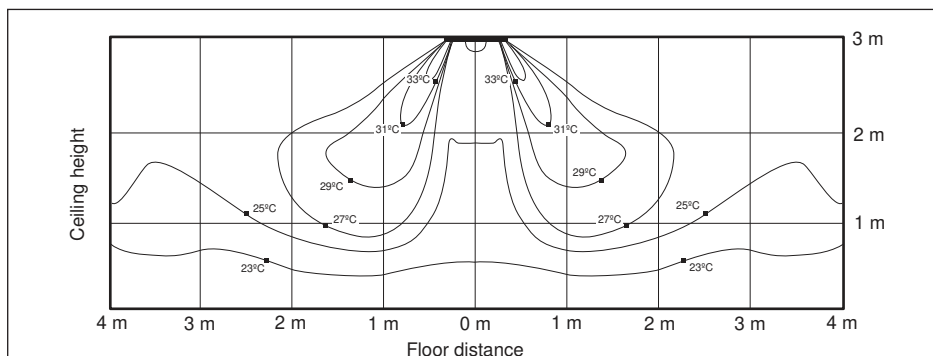
(3) Heating air velocity distribution

Discharge angle : 54°



(4) Heating temperature distribution

Discharge angle : 54°



4Way Cassette S(600x600)

- 1 *Specifications*
- 2 *Capacity Table*
- 3 *Dimensional Drawing*
- 4 *Electrical Wiring Diagram*
- 5 *Sound Pressure Level*
- 6 *Sound Power Level*
- 7 *Temperature and air flow distribution*

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		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		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		mm²	1.5 – 2.5		1.5 – 2.5	
	Transmission Cable		mm²	0.75 – 1.50		0.75 – 1.50	
Refrigerant	Type		–	R410A		R410A	
	Control Method		–	EEV(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℃DB / 19℃WB, Outdoor temperature 35℃DB/24℃WB, Refrigerant pipe length 7.5m, Level difference 0m.

- Nominal Heating : Indoor temperature 20℃DB/15℃WB, Outdoor temperature 7℃DB / 6℃WB, 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				AM028FNNDEH/EU		AM036FNNDEH/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		18.00		20.00	
	Current Input (Nominal)	Cooling	A	0.17		0.19	
		Heating		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		mm²	1.5 – 2.5		1.5 – 2.5	
	Transmission Cable		mm²	0.75 – 1.50		0.75 – 1.50	
Refrigerant	Type		–	R410A		R410A	
	Control Method		–	EEV(O)		EEV(O)	
Sound	Pressure	High / Mid / Low	dB(A)	33 / 30 / 26		34 / 30 / 26	
	Power	Cooling		50		51	
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℃DB / 19℃WB, Outdoor temperature 35℃DB/24℃WB, Refrigerant pipe length 7.5m, Level difference 0m.

- Nominal Heating : Indoor temperature 20℃DB/15℃WB, Outdoor temperature 7℃DB / 6℃WB, 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				AM045FNNDEH/EU		AM056FNNDEH/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		23.00		28.00	
	Current Input (Nominal)	Cooling	A	0.22		0.27	
		Heating		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		mm²	1.5 – 2.5		1.5 – 2.5	
	Transmission Cable		mm²	0.75 – 1.50		0.75 – 1.50	
Refrigerant	Type		–	R410A		R410A	
	Control Method		–	EEV(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℃DB / 19℃WB, Outdoor temperature 35℃DB/24℃WB, Refrigerant pipe length 7.5m, Level difference 0m.

- Nominal Heating : Indoor temperature 20℃DB/15℃WB, Outdoor temperature 7℃DB / 6℃WB, 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)	
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		mm²	1.5 – 2.5	
	Transmission Cable		mm²	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℃DB / 19℃WB, Outdoor temperature 35℃DB/24℃WB, Refrigerant pipe length 7.5m, Level difference 0m.

- Nominal Heating : Indoor temperature 20℃DB/15℃WB, Outdoor temperature 7℃DB / 6℃WB, 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)

2 Capacity table

4Way Cassette S (600 x 600)

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Capacity Index	Outdoor Air Temp. (°C, DB)	Indoor temperature													
		20(°C, DB)		23(°C, DB)		26(°C, DB)		27(°C, DB)		28(°C, DB)		30(°C, DB)		32(°C, DB)	
		14(°C, WB)		16(°C, WB)		18(°C, WB)		19(°C, WB)		20(°C, WB)		22(°C, WB)		24(°C, WB)	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
015	10	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	12	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	14	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	16	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	18	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	20	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	21	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	23	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	25	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	27	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	29	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	31	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	33	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	35	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	37	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.7	1.0	1.8	1.0
	39	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.6	1.0	1.6	1.0	1.7	1.0
022	42	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.5	1.0	1.6	1.0	1.7	1.0
	44	1.0	0.9	1.2	1.0	1.4	1.1	1.5	1.0	1.5	1.0	1.6	1.0	1.6	1.0
	46	1.0	0.9	1.2	1.0	1.3	1.0	1.4	0.9	1.5	1.0	1.5	0.9	1.6	1.0
	48	1.0	0.9	1.2	1.0	1.3	1.0	1.3	0.9	1.5	1.0	1.4	0.9	1.5	0.9
	10	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.5	1.6	2.6	1.4
	12	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.5	1.6	2.6	1.4
	14	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.5	1.6	2.6	1.4
	16	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	18	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	20	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	21	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	23	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	25	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	27	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	29	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	31	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	33	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	35	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	37	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.6	1.4
	39	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.5	1.3
	42	1.5	1.3	1.8	1.4	2.1	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.4	1.3
	44	1.5	1.3	1.8	1.4	2.0	1.4	2.1	1.4	2.2	1.4	2.3	1.4	2.4	1.2
	46	1.5	1.3	1.8	1.4	2.0	1.4	2.0	1.4	2.1	1.4	2.2	1.4	2.3	1.2
	48	1.5	1.3	1.8	1.4	2.0	1.4	2.0	1.3	2.1	1.4	2.1	1.3	2.2	1.1
028	10	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.4	1.9
	12	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	14	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	16	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	18	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	20	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	21	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	23	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	25	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	27	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	29	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	31	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	33	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	35	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	37	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.1	1.9	3.3	1.8
	39	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	3.0	1.8	3.2	1.7
	42	1.9	1.6	2.3	1.8	2.6	1.9	2.8	1.9	2.9	1.9	2.9	1.8	3.1	1.7
	44	1.9	1.6	2.3	1.8	2.5	1.8	2.7	1.8	2.8	1.8	2.8	1.7	3.0	1.6
	46	1.9	1.6	2.3	1.8	2.5	1.8	2.6	1.8	2.7	1.8	2.7	1.6	2.9	1.6
	48	1.9	1.6	2.2	1.8	2.4	1.8	2.5	1.7	2.6	1.7	2.7	1.6	2.8	1.5

2 Capacity table

4Way Cassette S (600 x 600)

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Capacity Index	Outdoor Air Temp. (°C, DB)	Indoor temperature													
		20(°C, DB)		23(°C, DB)		26(°C, DB)		27(°C, DB)		28(°C, DB)		30(°C, DB)		32(°C, DB)	
		14(°C, WB)		16(°C, WB)		18(°C, WB)		19(°C, WB)		20(°C, WB)		22(°C, WB)		24(°C, WB)	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
036	10	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.3	2.5
	12	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.3	2.5
	14	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.3	2.5
	16	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.3	2.5
	18	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.3	2.5
	20	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	21	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	23	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	25	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	27	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	29	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	31	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	33	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	35	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	4.0	2.6	4.2	2.4
	37	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	3.9	2.5	4.2	2.4
045	39	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	3.9	2.5	4.1	2.3
	42	2.5	2.2	2.9	2.4	3.4	2.4	3.6	2.6	3.7	2.6	3.8	2.5	4.0	2.2
	44	2.5	2.2	2.9	2.4	3.3	2.3	3.4	2.5	3.6	2.5	3.7	2.4	3.9	2.2
	46	2.5	2.2	2.9	2.4	3.2	2.3	3.3	2.4	3.4	2.4	3.6	2.3	3.8	2.1
	48	2.5	2.2	2.8	2.3	3.2	2.2	3.2	2.3	3.4	2.4	3.5	2.2	3.6	2.0
	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

2 Capacity table

4Way Cassette S (600 x 600)

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Capacity Index	Outdoor Air Temp. (°C, DB)	Indoor temperature													
		20(°C, DB)		23(°C, DB)		26(°C, DB)		27(°C, DB)		28(°C, DB)		30(°C, DB)		32(°C, DB)	
		14(°C, WB)		16(°C, WB)		18(°C, WB)		19(°C, WB)		20(°C, WB)		22(°C, WB)		24(°C, WB)	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
060	10	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.7	4.6	7.2	4.4
	12	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.7	4.6	7.2	4.4
	14	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.7	4.6	7.1	4.3
	16	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.7	4.6	7.1	4.3
	18	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.7	4.6	7.1	4.3
	20	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.6	4.5	7.1	4.3
	21	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.6	4.5	7.1	4.3
	23	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.6	4.5	7.1	4.3
	25	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.6	4.5	7.1	4.3
	27	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.6	4.5	7.1	4.3
	29	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.6	4.5	7.1	4.3
	31	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.6	4.5	7.1	4.3
	33	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.6	4.5	7.1	4.3
	35	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.6	4.5	7.1	4.3
	37	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.6	4.5	7.0	4.2
	39	4.1	3.5	4.9	4.0	5.6	4.5	6.0	4.5	6.2	4.5	6.5	4.4	6.8	4.1
	42	4.1	3.5	4.9	4.0	5.6	4.5	5.9	4.4	6.1	4.4	6.4	4.3	6.6	4.0
	44	4.1	3.5	4.9	4.0	5.4	4.3	5.7	4.3	6.0	4.3	6.1	4.2	6.4	3.9
	46	4.1	3.5	4.9	4.0	5.3	4.3	5.5	4.2	5.8	4.2	5.9	4.0	6.2	3.8
	48	4.0	3.5	4.8	3.9	5.2	4.2	5.4	4.0	5.7	4.1	5.8	3.9	6.0	3.6

2 Capacity table

4Way Cassette S (600 x 600)

Heating

TC : Total Capacity

Capacity Index	Outdoor Air Temp. (°C)		Indoor temperature (°C,DB)				
			16(°C,DB)	18(°C,DB)	20(°C,DB)	22(°C,DB)	24(°C,DB)
	DB	WB	TC kW	TC kW	TC kW	TC kW	TC kW
015	-19.8	-20.0	1.0	1.0	1.0	1.0	0.9
	-18.8	-19.0	1.0	1.0	1.0	1.0	0.9
	-16.7	-17.0	1.0	1.0	1.0	1.0	0.9
	-14.7	-15.0	1.1	1.1	1.0	1.0	0.9
	-12.6	-13.0	1.1	1.1	1.1	1.1	1.0
	-10.5	-11.0	1.2	1.2	1.2	1.2	1.1
	-9.5	-10.0	1.2	1.2	1.2	1.2	1.1
	-8.5	-9.1	1.3	1.3	1.3	1.3	1.2
	-7.0	-7.6	1.3	1.3	1.3	1.3	1.2
	-5.0	-5.6	1.4	1.4	1.3	1.3	1.2
	-3.0	-3.7	1.4	1.4	1.4	1.3	1.3
	0.0	-0.7	1.5	1.5	1.5	1.4	1.4
	3.0	2.2	1.5	1.5	1.5	1.4	1.4
	5.0	4.1	1.6	1.6	1.6	1.5	1.4
	7.0	6.0	1.7	1.7	1.7	1.6	1.4
022	-19.8	-20.0	1.5	1.5	1.5	1.5	1.5
	-18.8	-19.0	1.5	1.5	1.5	1.5	1.5
	-16.7	-17.0	1.6	1.6	1.6	1.6	1.6
	-14.7	-15.0	1.7	1.6	1.6	1.6	1.6
	-12.6	-13.0	1.8	1.8	1.8	1.8	1.7
	-10.5	-11.0	2.0	2.0	1.9	1.9	1.9
	-9.5	-10.0	2.1	2.0	2.0	1.9	1.9
	-8.5	-9.1	2.2	2.1	2.1	2.0	2.0
	-7.0	-7.6	2.3	2.2	2.2	2.0	2.0
	-5.0	-5.6	2.4	2.3	2.3	2.2	2.2
	-3.0	-3.7	2.5	2.5	2.4	2.3	2.2
	0.0	-0.7	2.6	2.5	2.5	2.3	2.2
	3.0	2.2	2.7	2.6	2.5	2.3	2.2
	5.0	4.1	2.8	2.7	2.5	2.3	2.2
	7.0	6.0	2.8	2.7	2.5	2.3	2.2
028	-19.8	-20.0	1.9	1.9	1.9	1.9	1.9
	-18.8	-19.0	1.9	1.9	1.9	1.9	1.9
	-16.7	-17.0	2.0	2.0	2.0	2.0	1.9
	-14.7	-15.0	2.1	2.1	2.0	2.0	1.9
	-12.6	-13.0	2.2	2.2	2.2	2.1	2.1
	-10.5	-11.0	2.3	2.3	2.3	2.3	2.2
	-9.5	-10.0	2.3	2.3	2.3	2.3	2.2
	-8.5	-9.1	2.4	2.4	2.4	2.4	2.3
	-7.0	-7.6	2.5	2.4	2.4	2.4	2.3
	-5.0	-5.6	2.6	2.6	2.5	2.5	2.4
	-3.0	-3.7	2.8	2.7	2.7	2.6	2.5
	0.0	-0.7	2.9	2.8	2.8	2.7	2.6
	3.0	2.2	3.0	3.0	2.9	2.8	2.7
	5.0	4.1	3.2	3.1	3.1	2.9	2.7
	7.0	6.0	3.3	3.2	3.2	3.0	2.7
	9.0	7.9	3.4	3.3	3.2	3.0	2.7
	11.0	9.8	3.5	3.3	3.2	3.0	2.7
	13.0	11.8	3.6	3.4	3.2	3.0	2.7
	15.0	13.7	3.7	3.4	3.2	3.0	2.7

2 Capacity table

4Way Cassette S (600 x 600)

Heating

TC : Total Capacity

Capacity Index	Outdoor Air Temp. (°C)		Indoor temperature (°C,DB)				
			16(°C,DB)	18(°C,DB)	20(°C,DB)	22(°C,DB)	24(°C,DB)
	DB	WB	TC kW	TC kW	TC kW	TC kW	TC kW
036	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3
	-18.8	-19.0	2.5	2.4	2.3	2.3	2.3
	-16.7	-17.0	2.6	2.5	2.4	2.4	2.3
	-14.7	-15.0	2.7	2.6	2.5	2.5	2.4
	-12.6	-13.0	2.8	2.7	2.7	2.6	2.6
	-10.5	-11.0	2.9	2.9	2.9	2.8	2.8
	-9.5	-10.0	2.9	2.9	2.9	2.8	2.8
	-8.5	-9.1	3.0	3.0	3.0	2.9	2.9
	-7.0	-7.6	3.1	3.1	3.0	3.0	2.9
	-5.0	-5.6	3.3	3.2	3.2	3.1	3.0
	-3.0	-3.7	3.4	3.4	3.3	3.2	3.1
	0.0	-0.7	3.6	3.6	3.5	3.4	3.2
	3.0	2.2	3.8	3.7	3.7	3.5	3.4
	5.0	4.1	3.9	3.9	3.8	3.6	3.4
	7.0	6.0	4.1	4.1	4.0	3.7	3.4
	9.0	7.9	4.2	4.1	4.0	3.7	3.4
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
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

2 Capacity table

4Way Cassette S (600 x 600)

Heating

TC : Total Capacity

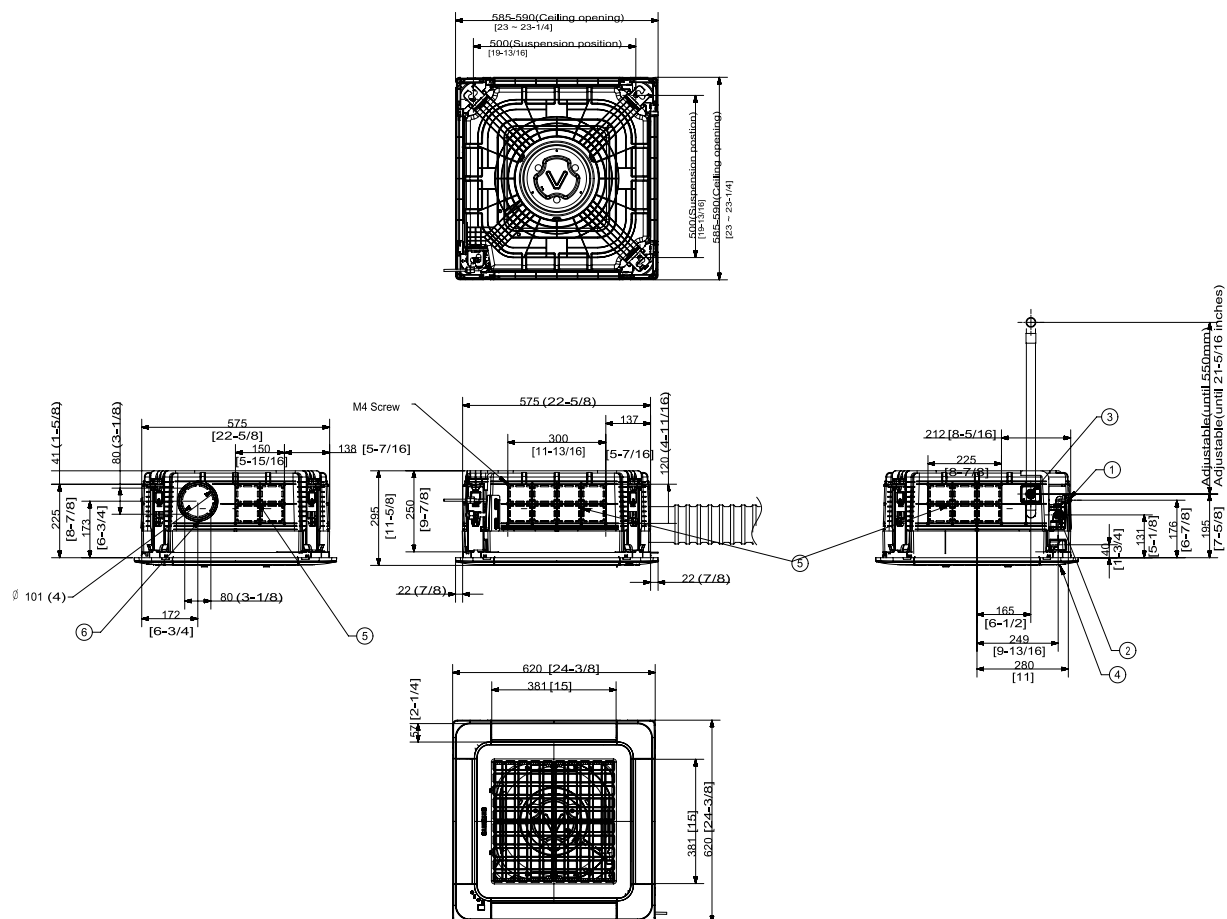
Capacity Index	Outdoor Air Temp. (°C)		Indoor temperature (°C,DB)				
			16(°C,DB)	18(°C,DB)	20(°C,DB)	22(°C,DB)	24(°C,DB)
	DB	WB	TC	TC	TC	TC	TC
060	-19.8	-20.0	4.4	4.3	4.2	4.2	4.2
	-18.8	-19.0	4.4	4.3	4.2	4.2	4.2
	-16.7	-17.0	4.5	4.4	4.3	4.3	4.2
	-14.7	-15.0	4.7	4.6	4.4	4.3	4.2
	-12.6	-13.0	4.9	4.8	4.6	4.5	4.4
	-10.5	-11.0	5.1	5.0	4.9	4.8	4.8
	-9.5	-10.0	5.2	5.2	5.1	5.0	4.9
	-8.5	-9.1	5.3	5.3	5.2	5.1	5.0
	-7.0	-7.6	5.4	5.4	5.3	5.2	5.1
	-5.0	-5.6	5.7	5.6	5.6	5.4	5.2
	-3.0	-3.7	6.0	5.9	5.9	5.6	5.4
	0.0	-0.7	6.3	6.2	6.1	5.9	5.6
	3.0	2.2	6.6	6.5	6.4	6.2	5.9
	5.0	4.1	6.9	6.8	6.7	6.3	5.9
	7.0	6.0	7.2	7.1	6.8	6.5	5.9
	9.0	7.9	7.4	7.2	6.8	6.5	5.9
	11.0	9.8	7.6	7.3	6.8	6.5	5.9
	13.0	11.8	7.9	7.4	6.8	6.5	5.9
	15.0	13.7	8.1	7.5	6.8	6.5	5.9

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]

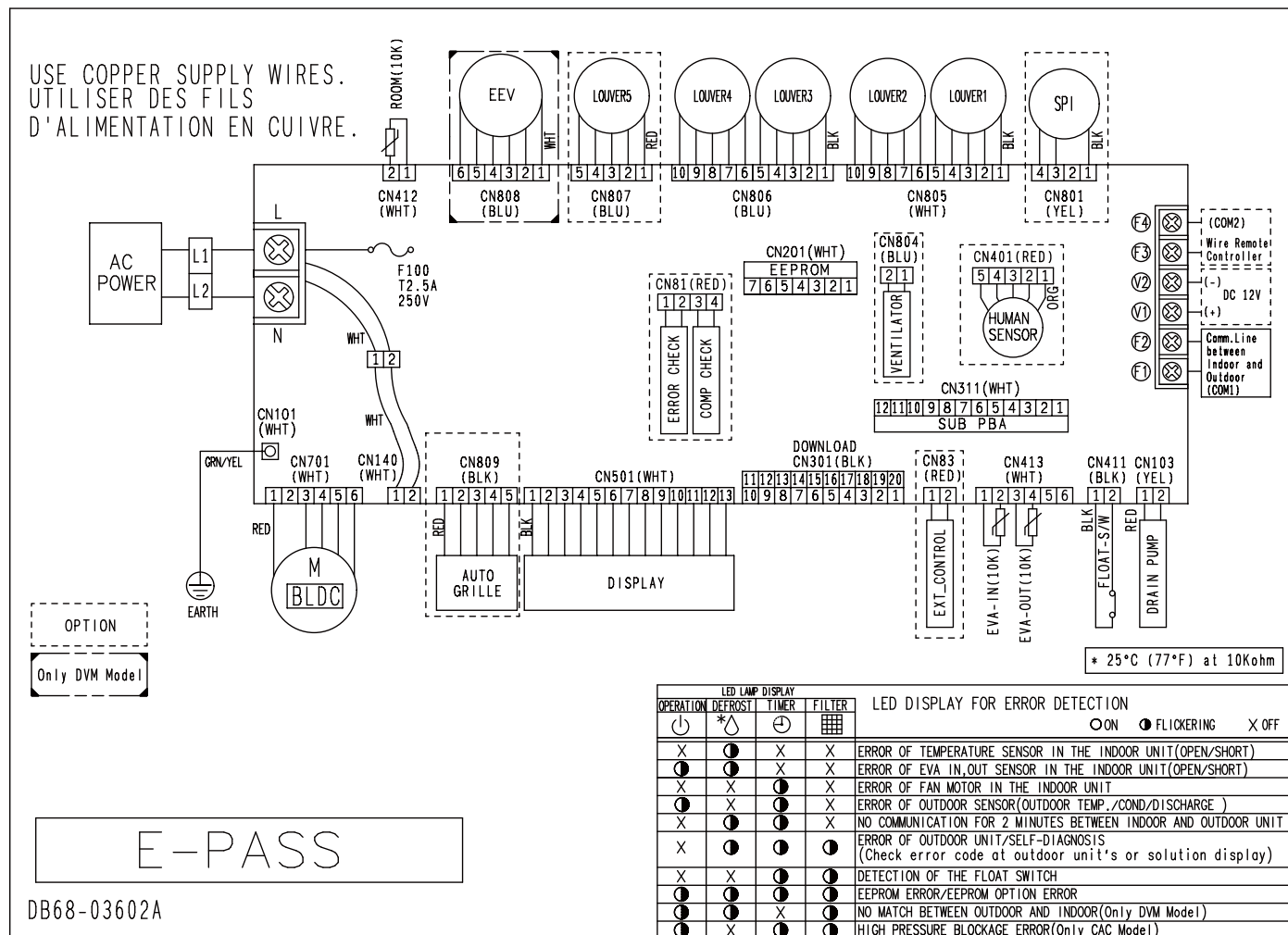


No.	Name	Description
①	Liquid pipe connection	Ø6.35mm (1/4") Flare
②	Gas pipe connection	Ø12.7mm (1/2") Flare
③	Drain pipe connection	VP25 (OD32, ID25)
④	Conduit for power supply & communication wiring	—
⑤	Sub duct connection	Use M4 Screw
⑥	Fresh air intake knockout hole	Φ101[4] , Use M4 Screw

4 Electrical wiring diagram

4Way Cassette S(600x600)

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

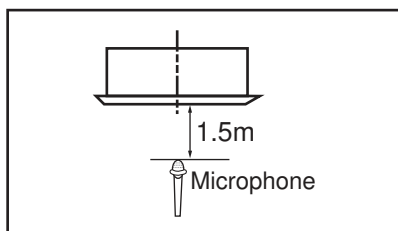


NOTE

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)

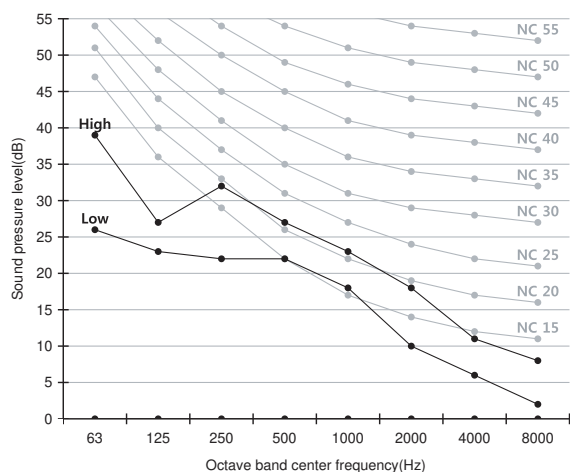
Model	High	Low
AM015HNNDEH/EU	30	23
AM022FNNDEH/EU	32	25
AM028FNNDEH/EU	33	26
AM036FNNDEH/EU	34	26

Note

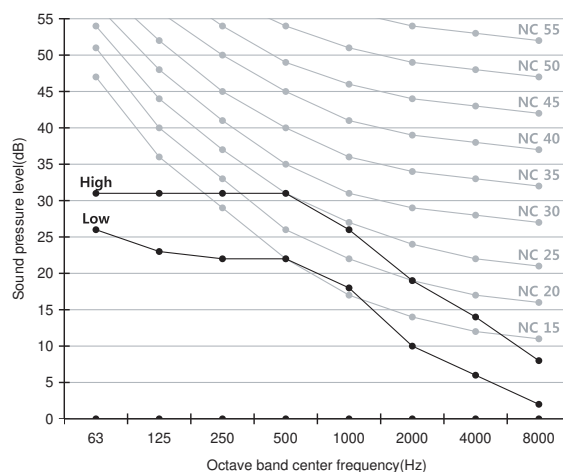
Specifications may be subject to change without prior notice.
 Sound pressure level is obtained in an anechoic room.
 Sound pressure level is a relative value, depending on the distance and acoustic environment.
 Sound pressure level may differ depending on operation condition.
 dBA = A-weighted sound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

NC curve

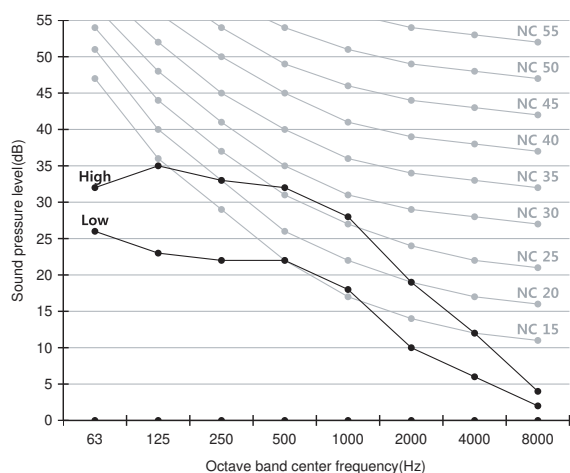
1) AM015HNNDEH/EU



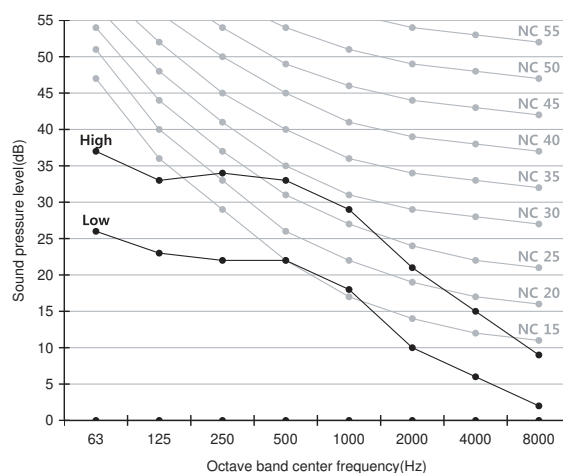
2) AM022FNNDEH/EU



3) AM028FNNDEH/EU

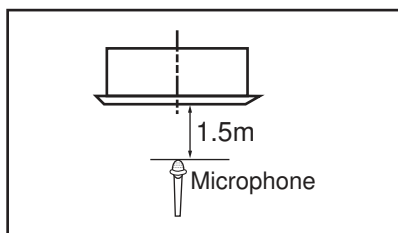


4) AM036FNNDEH/EU



5 Sound pressure level

4Way Cassette S (600 x 600)



Unit: dB(A)

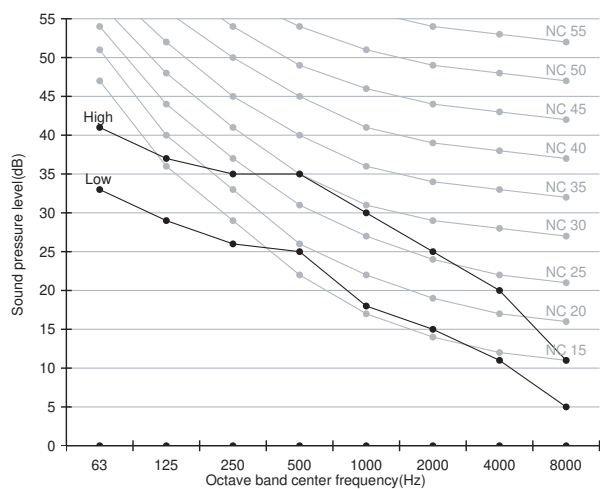
Model	High	Low
AM045FNNDEH/EU	36	32
AM056FNNDEH/EU	39	33
AM060FNNDEH/EU	40	35

Note

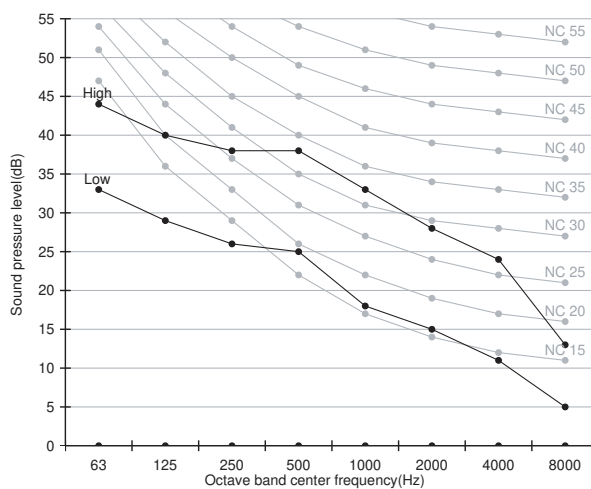
Specifications may be subject to change without prior notice.
 Sound pressure level is obtained in an anechoic room.
 Sound pressure level is a relative value, depending on the distance and acoustic environment.
 Sound pressure level may differ depending on operation condition.
 dBA = A-weighted sound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

NC curve

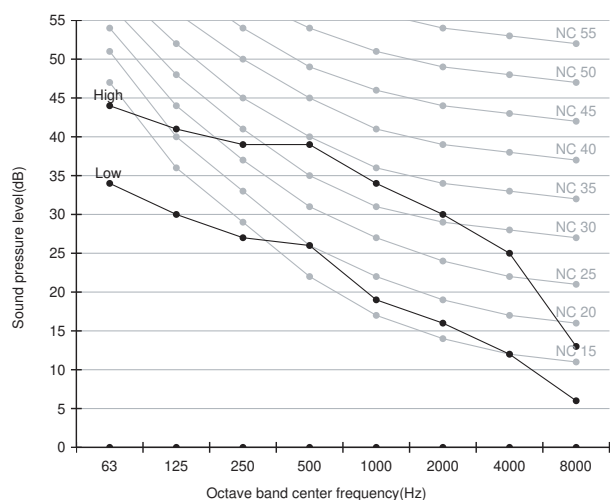
1) AM045FNNDEH/EU



2) AM056FNNDEH/EU



3) AM060FNNDEH/EU



6 Sound power level

4Way Cassette S (600 x 600)

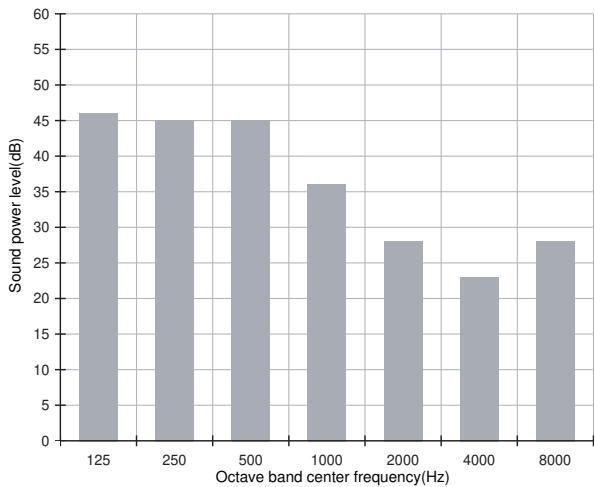
Note

- . 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

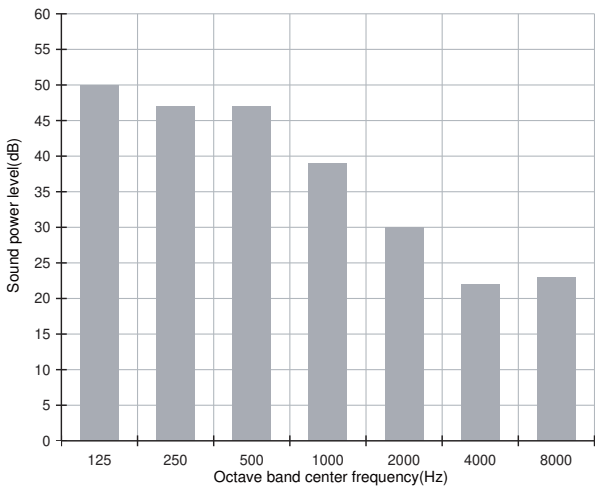
Unit: dB(A)

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

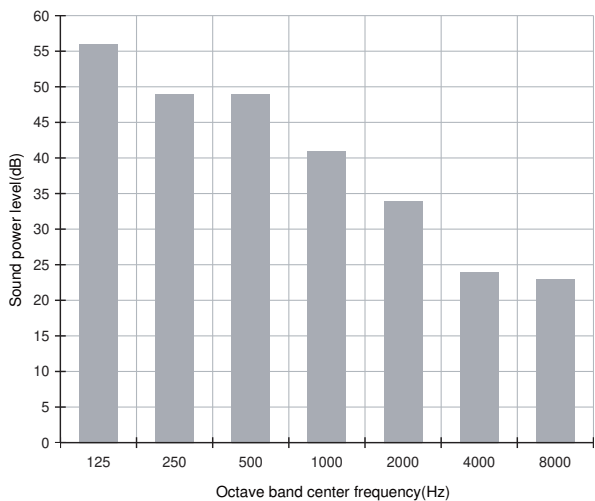
1)AM015HNNDEH/EU



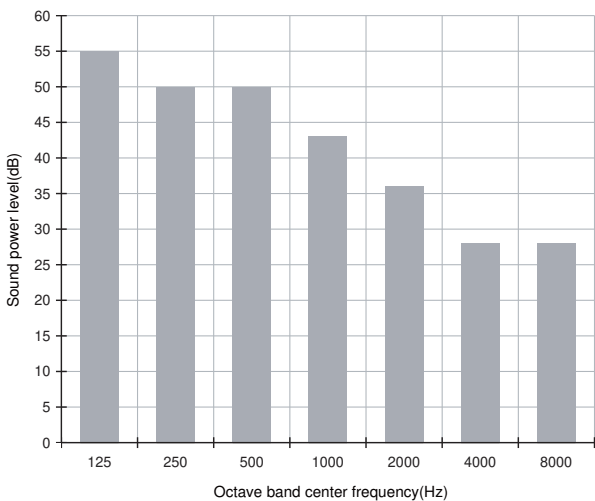
2)AM022FNNDEH/EU



3)AM028FNNDEH/EU



4)AM036FNNDEH/EU



6 Sound power level

4Way Cassette S (600 x 600)

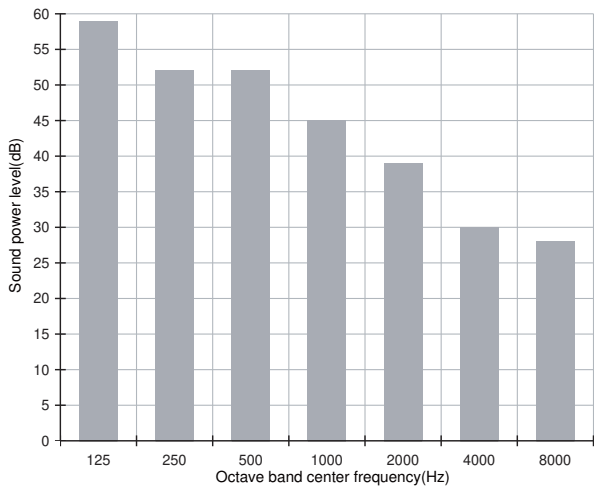
Note

- . 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

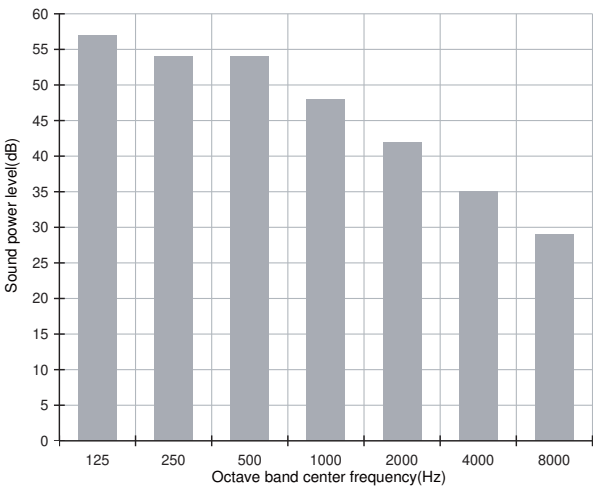
Unit: dB(A)

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

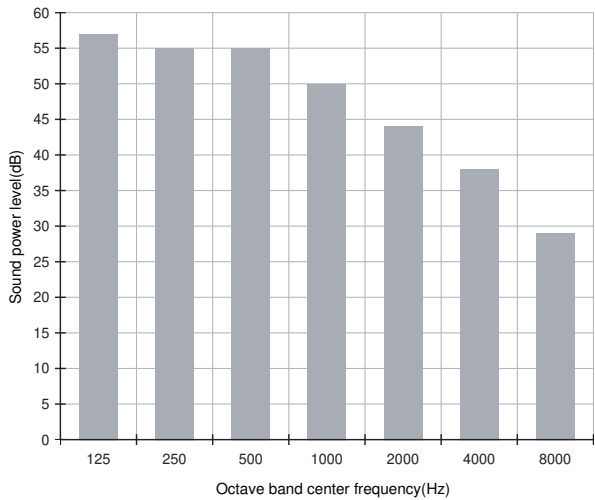
1)AM045FNNDEH/EU



2)AM056FNNDEH/EU



3)AM060FNNDEH/EU



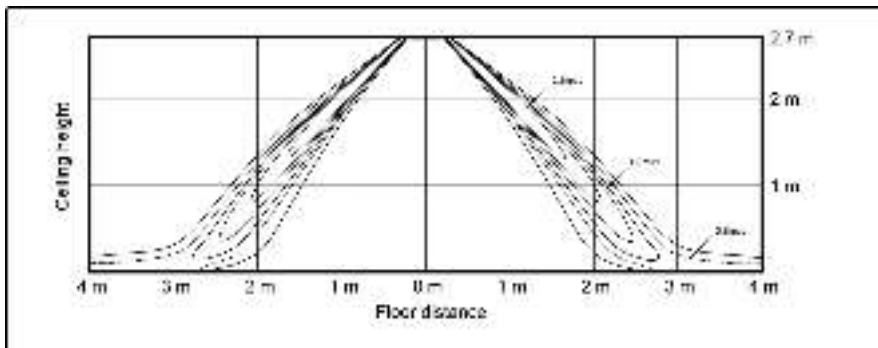
7 Temperature and air flow distribution

4Way Cassette S(600x600)

AM015HNNDEHEU

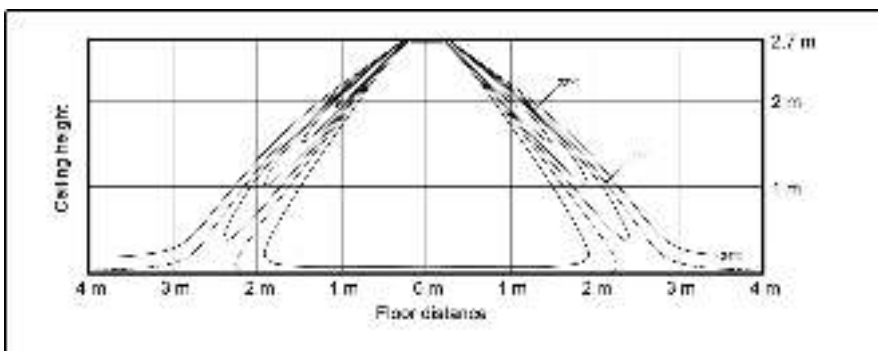
(1) Cooling air velocity distribution

Discharge angle : 41°



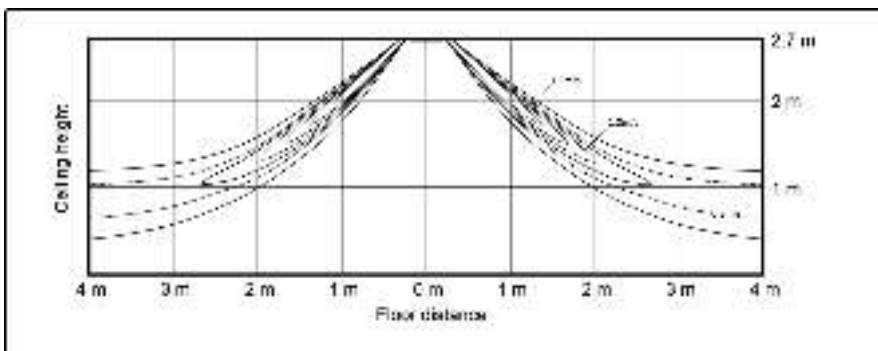
(2) Cooling temperature distribution

Discharge angle : 41°



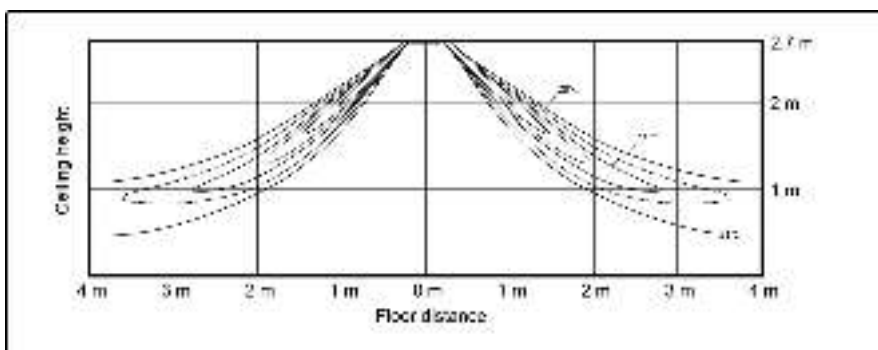
(3) Heating air velocity distribution

Discharge angle : 43°



(4) Heating temperature distribution

Discharge angle : 43°



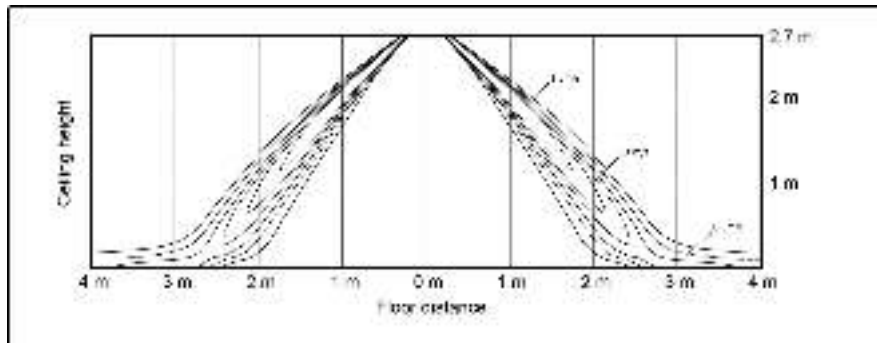
7 Temperature and air flow distribution

4Way Cassette S(600x600)

AM022FNNDH/EU

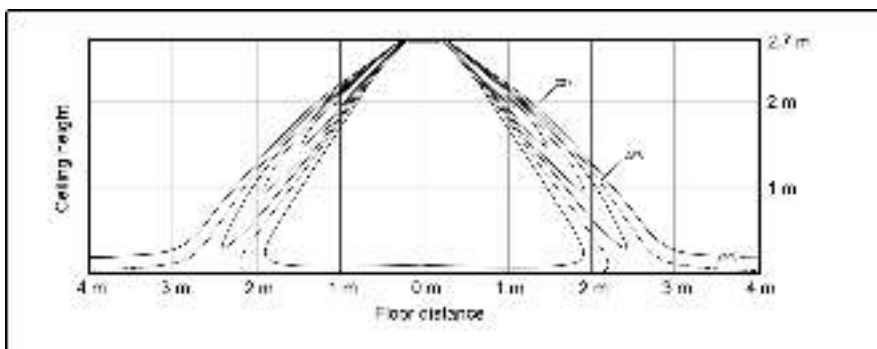
(1) Cooling air velocity distribution

Discharge angle : 41°



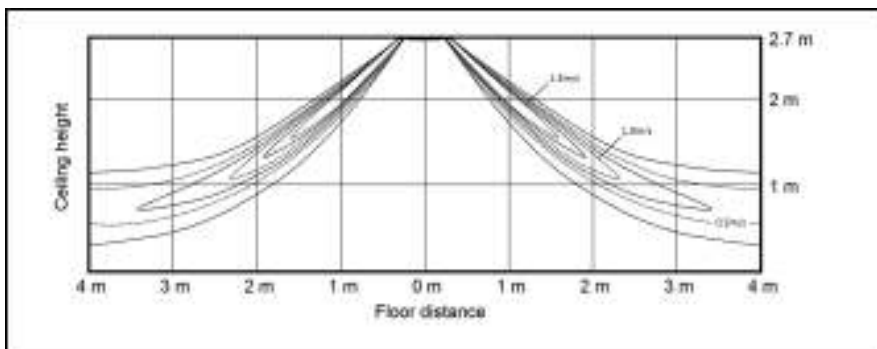
(2) Cooling temperature distribution

Discharge angle : 41°



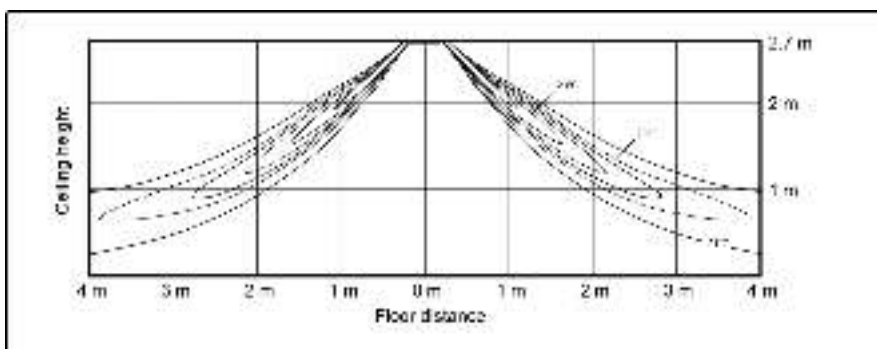
(3) Heating air velocity distribution

Discharge angle : 43°



(4) Heating temperature distribution

Discharge angle : 43°



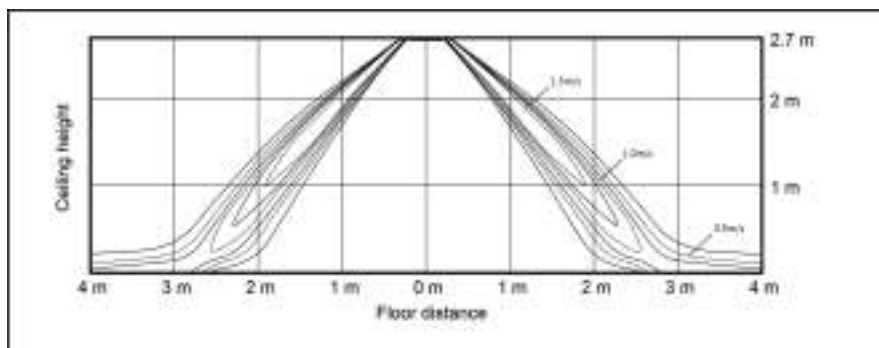
7 Temperature and air flow distribution

4Way Cassette S(600x600)

AM028FNDEH/EU

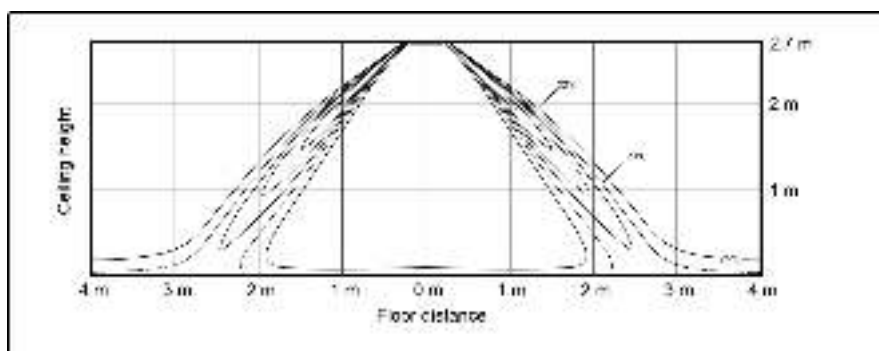
(1) Cooling air velocity distribution

Discharge angle : 41°



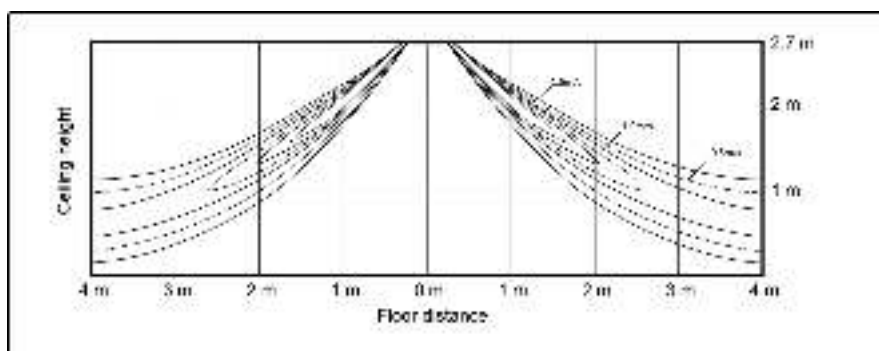
(2) Cooling temperature distribution

Discharge angle : 41°



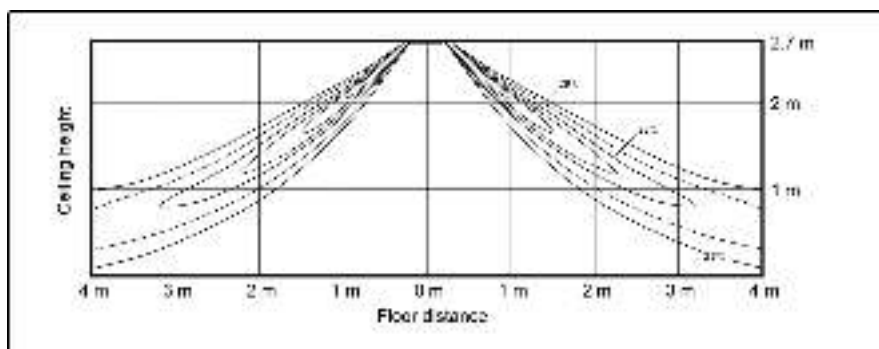
(3) Heating air velocity distribution

Discharge angle : 43°



(4) Heating temperature distribution

Discharge angle : 43°



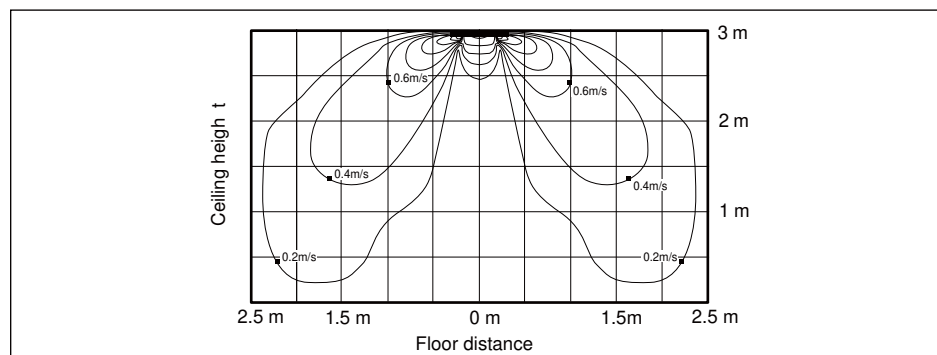
7 Temperature and air flow distribution

4Way Cassette S(600x600)

AM036FNNDEH/EU

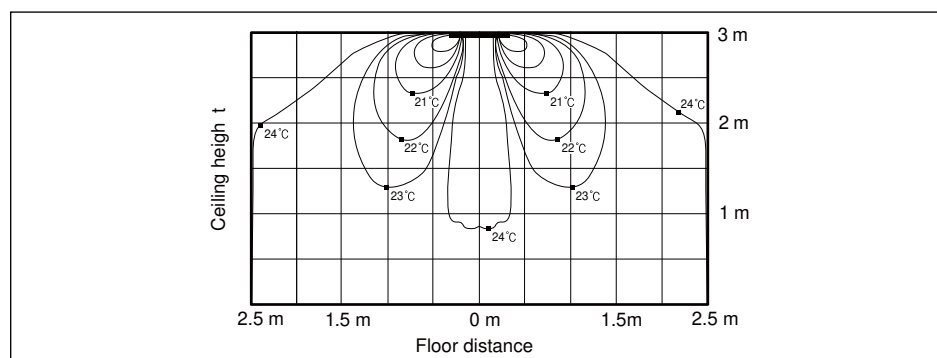
(1) Cooling air velocity distribution

Discharge angle : 37°



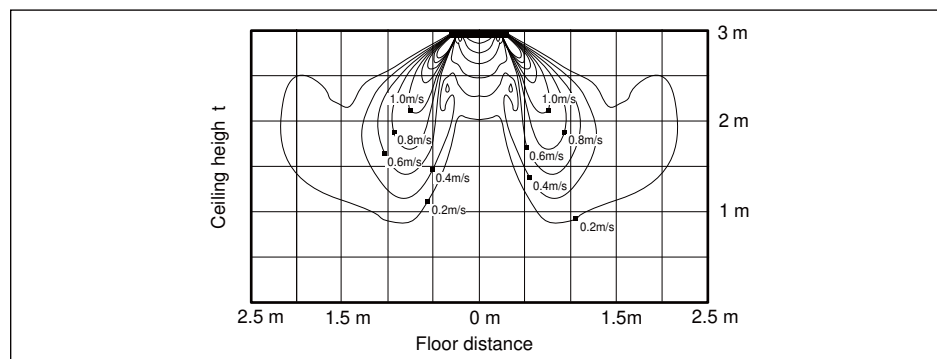
(2) Cooling temperature distribution

Discharge angle : 37°



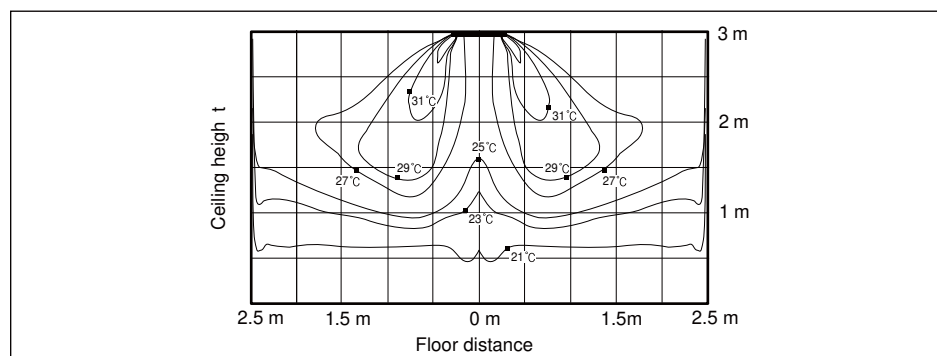
(3) Heating air velocity distribution

Discharge angle : 49°



(4) Heating temperature distribution

Discharge angle : 49°



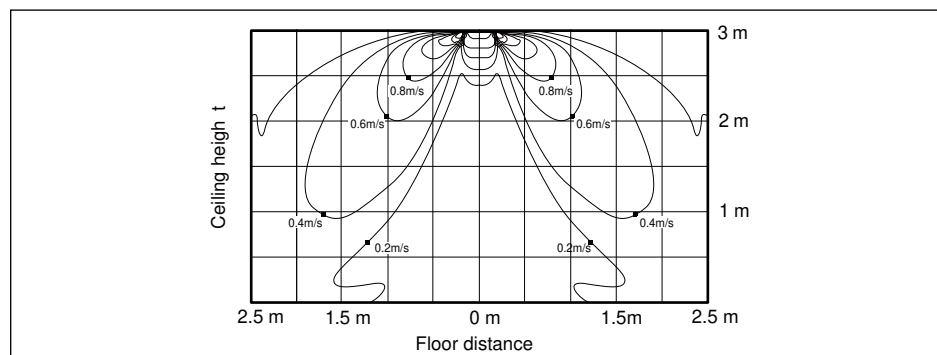
7 Temperature and air flow distribution

4Way Cassette S(600x600)

AM060FNNDH/EU

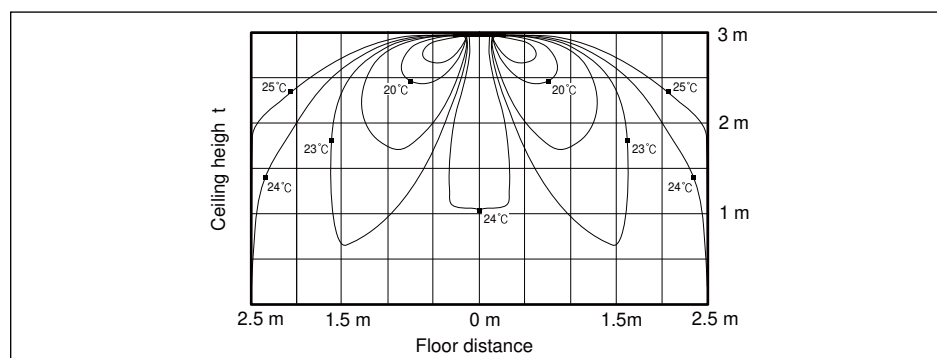
(1) Cooling air velocity distribution

Discharge angle : 37°



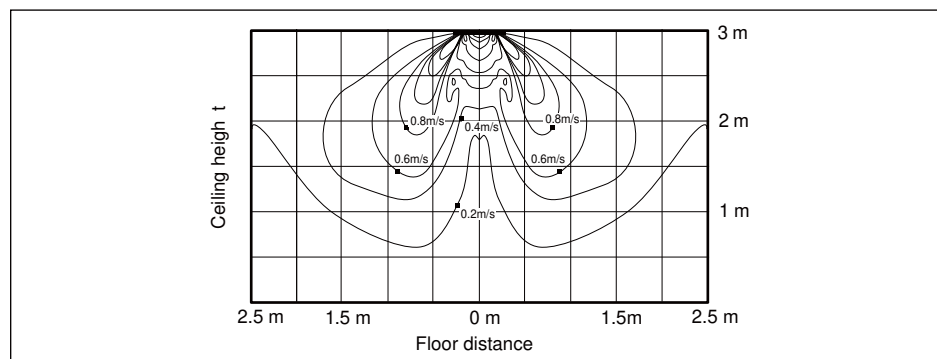
(2) Cooling temperature distribution

Discharge angle : 37°



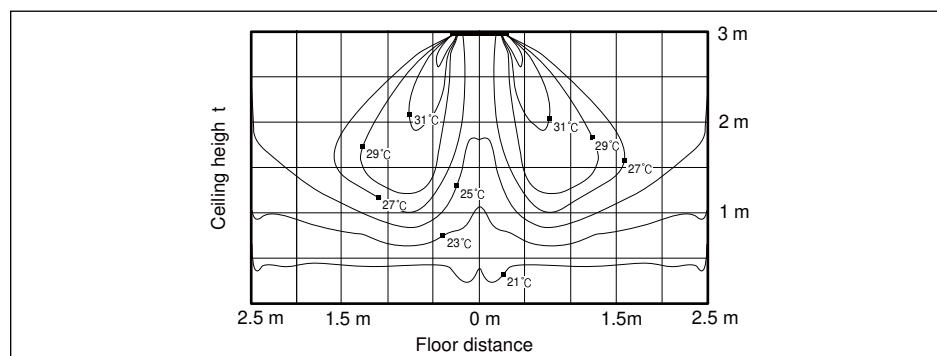
(3) Heating air velocity distribution

Discharge angle : 49°



(4) Heating temperature distribution

Discharge angle : 49°



4Way Cassette

- 1 *Specifications*
- 2 *Summary Table*
- 3 *Capacity Table*
- 4 *Dimensional Drawing*
- 5 *Center of Gravity*
- 6 *Electrical Wiring Diagram*
- 7 *Sound data*
- 8 *Temperature and Air Flow Distribution*
- 9 *Piping Diagram*

1. Specification

4Way Cassette

Type				4Way Cassette	4Way Cassette	4Way Cassette	4Way Cassette
Model Name				AM045FN4DEHXXX	AM056FN4DEHXXX	AM071FN4DEHXXX	AM090FN4DEHXXX
Power Supply			Φ, #, 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	4.5	5.6	7.1	9.0
			Btu/h	15,400	19,100	24,200	30,700
		Heating	kW	5.0	6.3	8.0	10.0
			Btu/h	17,100	21,500	27,300	34,100
Power	Power Input (Nominal)	Cooling	kW	32	32	45	62
		Heating		32	32	45	62
	Current Input (Nominal)	Cooling	A	0.22	0.22	0.31	0.43
		Heating		0.22	0.22	0.31	0.43
	Current	MCA	A	0.3	0.3	0.4	0.6
		MFA/MOP		15	15	15	15
Heat exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al	Al
		Tube	-	Cu	Cu	Cu	Cu
	Fin Treatment		-	Anti-corrosion	Anti-corrosion	Anti-corrosion	Anti-corrosion
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Quantity		ea	1	1	1	1
	Air Flow Rate	H/M/L (UL)	m³/min	14.5 / 13.5 / 12.5	15.0 / 14.0 / 13.0	170 / 15.5 / 14.5	19.5 / 18.0 / 16.5
			l/s	242 / 225 / 208	250 / 233 / 217	283 / 258 / 242	325 / 300 / 275
Fan Motor	Model		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	65 x 1	65 x 1	65 x 1	65 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm	6.35	6.35	9.52	9.52
			Φ, inch	1/4"	1/4"	3/8"	3/8"
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm	12.7	12.7	15.88	15.88
			Φ, inch	1/2"	1/2"	5/8"	5/8"
	Drain Pipe		Φ, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Wiring connections	For power supply	Minimum	mm²	1.5	1.5	1.5	1.5
	For connection with indoor	Minimum	mm²	0.75	0.75	0.75	0.75
		Remark	-	F1,F2	F1,F2	F1,F2	F1,F2
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV Included	EEV Included	EEV Included	EEV Included
Sound	Sound Pressure	High / Mid / Low	dB(A)	33 / 32 / 30	33 / 32 / 30	35 / 34 / 33	39 / 36 / 33
	Sound Power	Cooling (Nominal)		49	50	54	57
Dimension	Net Weight		kg	15.5	15.5	15.5	15.5
	Shipping Weight		kg	19.5	19.5	19.5	19.5
	Net Dimensions (WxHxD)		mm	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840
	Shipping Dimensions (WxHxD)		mm	898 x 275 x 898	898 x 275 x 898	898 x 275 x 898	898 x 275 x 898

1. Specification

Type			4Way Cassette	4Way Cassette	4Way Cassette	4Way Cassette
Model Name			AM045FN4DEHXXX	AM056FN4DEHXXX	AM071FN4DEHXXX	AM090FN4DEHXXX
Air filter	Type	-	Washable	Washable	Washable	Washable
Panel Size	Panel model	-	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN
	Panel Net Weight	kg	5.80	5.80	5.80	5.80
	Shipping Weight	kg	8.4	8.4	8.4	8.4
	Net Dimensions (W×H×D)	mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
	Shipping Dimensions (W×H×D)	mm	1,005 x 100 x 1,005	1,005 x 100 x 1,005	1,005 x 100 x 1,005	1,005 x 100 x 1,005
Drain pump		-	Included	Included	Included	Included
	Max. lifting Height	mm	750	750	750	750

NOTE

- Mode : HP(Heat Pump), HR(Heat Recovery)
- Nominal Cooling : Indoor temperature 27°C DB / 19°C WB, Outdoor temperature 35°C DB/ 24°C WB, Refrigerant pipe length 7.5m, Level difference 0m.
- Nominal Heating : Indoor temperature 20°C DB / 15°C WB, Outdoor temperature 7°C DB / 6°C WB, 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.
- Select wire size based on the value of MCA
- Drain pump included (check valve included)

1. Specification

Type				4Way Cassette	4Way Cassette	4Way Cassette
Model Name				AM112FN4DEHXX	AM128FN4DEHXX	AM140FN4DEHXX
Power Supply			Φ, #, 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	11.2	12.8	14.0
			Btu/h	38,200	43,700	47,800
		Heating	kW	12.5	13.8	16.0
			Btu/h	42,700	47,100	54,600
Power	Power Input (Nominal)	Cooling	kW	78	73	89
		Heating		78	73	89
	Current Input (Nominal)	Cooling	A	0.55	0.51	0.62
		Heating		0.55	0.51	0.62
	Current	MCA	A	0.9	0.8	0.9
		MFA/MOP		15	15	15
Heat exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Anti-corrosion	Anti-corrosion	Anti-corrosion
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan
	Quantity		ea	1	1	1
	Air Flow Rate	H/M/L (UL)	m³/min	26.0 / 24.0 / 22.0	28.0 / 26.0 / 23.0	30.0 / 28.0 / 26.0
			l/s	433 / 400 / 367	467 / 433 / 383	500 / 467 / 433
Fan Motor	Model		-	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	65 x 1	97 x 1	97 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm	9.52	9.52	9.52
			Φ, inch	3/8"	3/8"	3/8"
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm	15.88	15.88	15.88
			Φ, inch	5/8"	5/8"	5/8"
	Drain Pipe		Φ, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Wiring connections	For power supply	Minimum	mm²	1.5	1.5	1.5
	For connection with indoor	Minimum	mm²	0.75	0.75	0.75
		Remark	-	F1,F2	F1,F2	F1,F2
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV Included	EEV Included	EEV Included
Sound	Sound Pressure	High / Mid / Low	dB(A)	40 / 38 / 35	42 / 40 / 35	44 / 41 / 35
	Sound Power	Cooling (Nominal)		57	58	60
Dimension	Net Weight		kg	17	19	19
	Shipping Weight		kg	20.0	22.5	22.5
	Net Dimensions (WxHxD)		mm	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840
	Shipping Dimensions (WxHxD)		mm	898 x 316 x 898	898 x 357 x 898	898 x 357 x 898

1. Specification

Type			4Way Cassette	4Way Cassette	4Way Cassette
Model Name			AM112FN4DEHXXX	AM128FN4DEHXXX	AM140FN4DEHXXX
Air filter	Type	-	Washable	Washable	Washable
Panel Size	Panel model	-	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN
	Panel Net Weight	kg	5.80	5.80	5.80
	Shipping Weight	kg	8.4	8.4	8.4
	Net Dimensions (W×H×D)	mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
	Shipping Dimensions (W×H×D)	mm	1,005 x 100 x 1,005	1,005 x 100 x 1,005	1,005 x 100 x 1,005
Drain pump		-	Included	Included	Included
	Max. lifting Height	mm	750	750	750

NOTE

- Mode : HP(Heat Pump), HR(Heat Recovery)
- Nominal Cooling : Indoor temperature 27°C DB / 19°C WB, Outdoor temperature 35°C DB/ 24°C WB, Refrigerant pipe length 7.5m, Level difference 0m.
- Nominal Heating : Indoor temperature 20°C DB / 15°C WB, Outdoor temperature 7°C DB / 6°C WB, 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.
- Select wire size based on the value of MCA
- Drain pump included (check valve included)

2. Summary Table

Performance Characteristics

Model Code	Net Weight (kg)	Fan Speed	Nominal Capacity			Airflow (CMM)	Sound Pressure (dBA)	Sound Power (dBA)
			Cooling (kW)	Sensible (Kw)	Heating (kW)			
AM045FN4DEHXXX	15.5	High	4.5	3.3	5.0	14.5	33	49
		Mid	3.3	2.6	4.8	13.5	32	-
		Low	2.7	2.3	4.6	12.5	30	-
AM056FN4DEHXXX	15.5	High	5.6	4.2	6.3	15.0	33	50
		Mid	4	3.2	6.1	14.0	32	-
		Low	3.3	2.8	5.9	13.0	30	-
AM071FN4DEHXXX	15.5	High	7.1	5.4	8.0	17.0	35	54
		Mid	5	4	7.6	15.5	34	-
		Low	4.1	3.4	7.4	14.5	33	-
AM090FN4DEHXXX	15.5	High	9.0	7.1	10.0	19.5	39	57
		Mid	6.3	5.2	9.6	18.0	36	-
		Low	5.1	4.4	9.2	16.5	33	-
AM112FN4DEHXXX	17	High	11.2	8.6	12.5	26.0	40	57
		Mid	7.8	6.2	12.0	24.0	38	-
		Low	6.3	5.3	11.5	22.0	35	-
AM128FN4DEHXXX	19	High	12.8	9.9	13.8	28.0	42	58
		Mid	8.3	7.2	13.3	26.0	40	-
		Low	7.2	6	12.5	23.0	35	-
AM140FN4DEHXXX	19	High	14.0	10.8	16.0	30.0	44	60
		Mid	9.7	7.8	15.5	28.0	41	-
		Low	7.8	6.6	14.9	26.0	35	-

Electrical Characteristics

Model	Power Supply (Φ, #, V, Hz)	Power Input (W)	Current Input (A)	MCA (A)	MFA (A)	FLA (A)
AM045FN4DEHXXX	1, 2, 220-240, 50	32.0	0.22	0.3	15	0.23
AM056FN4DEHXXX	1, 2, 220-240, 50	32.0	0.22	0.3	15	0.23
AM071FN4DEHXXX	1, 2, 220-240, 50	45.0	0.31	0.4	15	0.33
AM090FN4DEHXXX	1, 2, 220-240, 50	62.0	0.43	0.6	15	0.45
AM112FN4DEHXXX	1, 2, 220-240, 50	78.0	0.55	0.9	15	0.74
AM128FN4DEHXXX	1, 2, 220-240, 50	73.0	0.51	0.8	15	0.64
AM140FN4DEHXXX	1, 2, 220-240, 50	89.0	0.62	0.9	15	0.74

NOTE

- MCA : Minimum circuit amperes
- FLA : Full load amperes

3. Capacity Table

Cooling

TC : Total Capacity (kW), SHC : Sensible Heat Capacity (kW)

Capacity Index	Outdoor Air Temp. (°C,DB)	Indoor temperature													
		20(°C,DB)		23(°C,DB)		26(°C,DB)		27(°C,DB)		28(°C,DB)		30(°C,DB)		32(°C,DB)	
		14(°C,WB)		16(°C,WB)		18(°C,WB)		19(°C,WB)		20(°C,WB)		22(°C,WB)		24(°C,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
056	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
	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

3. Capacity Table

Cooling

TC : Total Capacity (kW), SHC : Sensible Heat Capacity (kW)

Capacity Index	Outdoor Air Temp. (°C,DB)	Indoor temperature													
		20(°C,DB)		23(°C,DB)		26(°C,DB)		27(°C,DB)		28(°C,DB)		30(°C,DB)		32(°C,DB)	
		14(°C,WB)		16(°C,WB)		18(°C,WB)		19(°C,WB)		20(°C,WB)		22(°C,WB)		24(°C,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
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
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

3. Capacity Table

Cooling

TC : Total Capacity (kW), SHC : Sensible Heat Capacity (kW)

Capacity Index	Outdoor Air Temp. (°C,DB)	Indoor temperature													
		20(°C,DB)		23(°C,DB)		26(°C,DB)		27(°C,DB)		28(°C,DB)		30(°C,DB)		32(°C,DB)	
		14(°C,WB)		16(°C,WB)		18(°C,WB)		19(°C,WB)		20(°C,WB)		22(°C,WB)		24(°C,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

3. Capacity Table

Heating

TC : Total Capacity (kW)

Capacity Index	Outdoor Air Temp. (°C)		Indoor temperature (°C,DB)				
			16(°C,DB)	18(°C,DB)	20(°C,DB)	22(°C,DB)	24(°C,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
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
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

3. Capacity Table

Heating

TC : Total Capacity (kW)

Capacity Index	Outdoor Air Temp. (°C)		Indoor temperature (°C,DB)				
			16(°C,DB)	18(°C,DB)	20(°C,DB)	22(°C,DB)	24(°C,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
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
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

3. Capacity Table

Heating

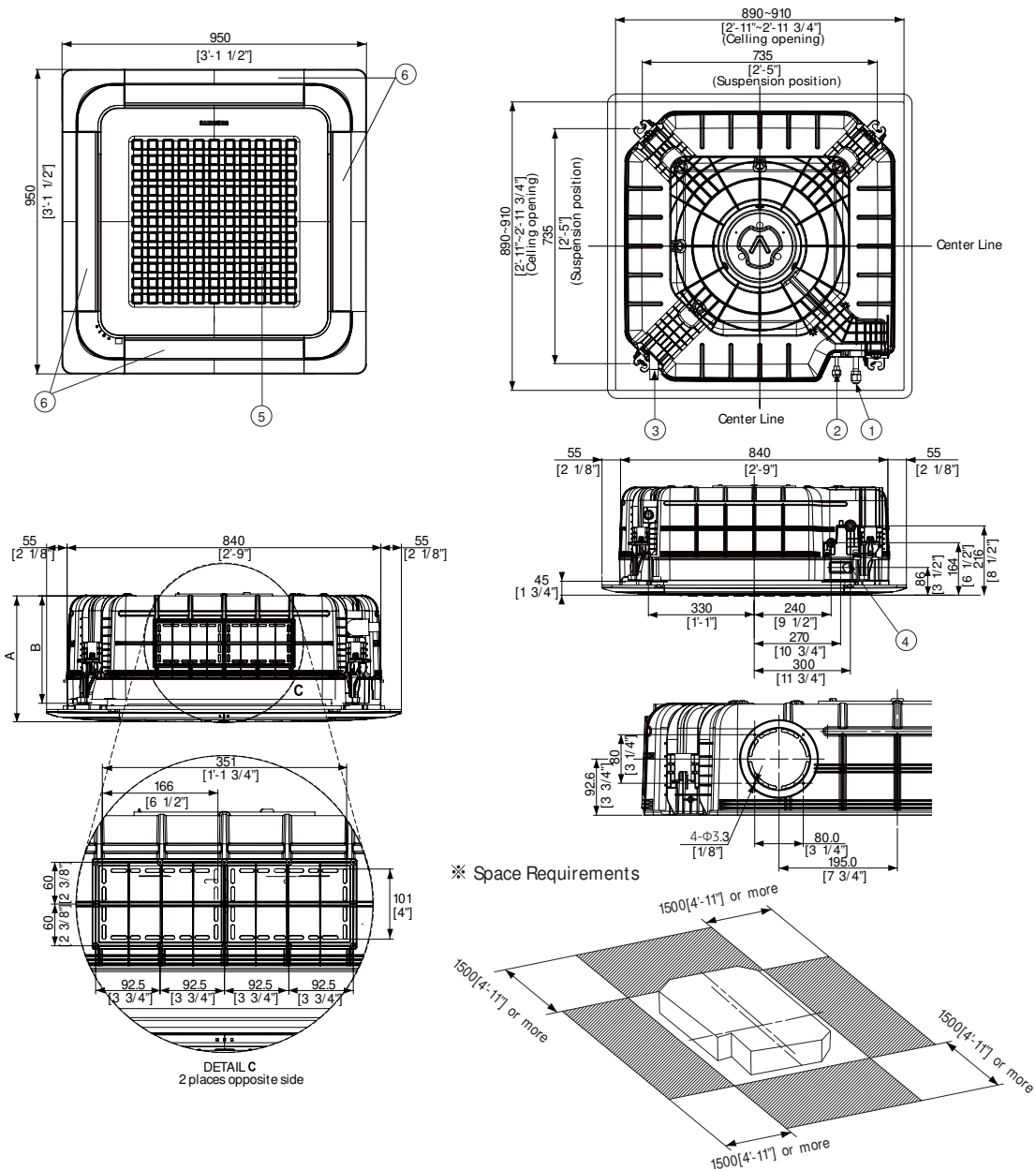
TC : Total Capacity (kW)

Capacity Index	Outdoor Air Temp. (°C)		Indoor temperature (°C,DB)				
			16(°C,DB)	18(°C,DB)	20(°C,DB)	22(°C,DB)	24(°C,DB)
	DB	WB	TC kW	TC kW	TC kW	TC kW	TC 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

4. Dimensional Drawing

4 Way Casstte

Units : mm [inches]



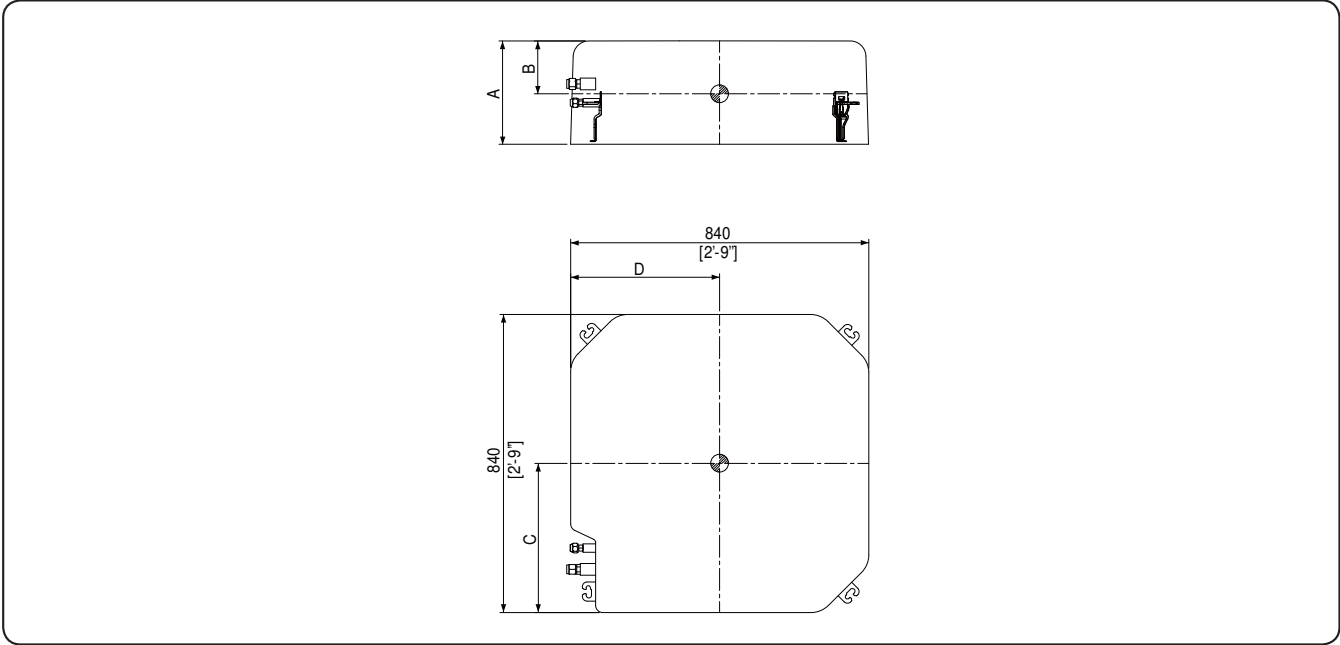
	Description		
	~ 9.0 kW	11.2 kW	12.8 ~ 14kW
A	253	295	337
B	204	246	288

NO	Name	Description	
		~ 5.6 kW	7.1 ~ 14kW
1	Liquid pipe connection	Φ6.35 [1/4"] Flare	Φ9.52 [3/8"] Flare
2	Gas pipe connection	Φ12.7 [1/2"] Flare	Φ15.88 [5/8"] Flare
3	Drain pipe connection	VP25 (OD 32, ID 25)	
4	Conduit for power supply & Communication wiring	-	-
5	Air inlet grille	-	-
6	Air outlet louver	-	-
7	Sub-Duct	-	-

5. Center of Gravity

4 Way Casstte

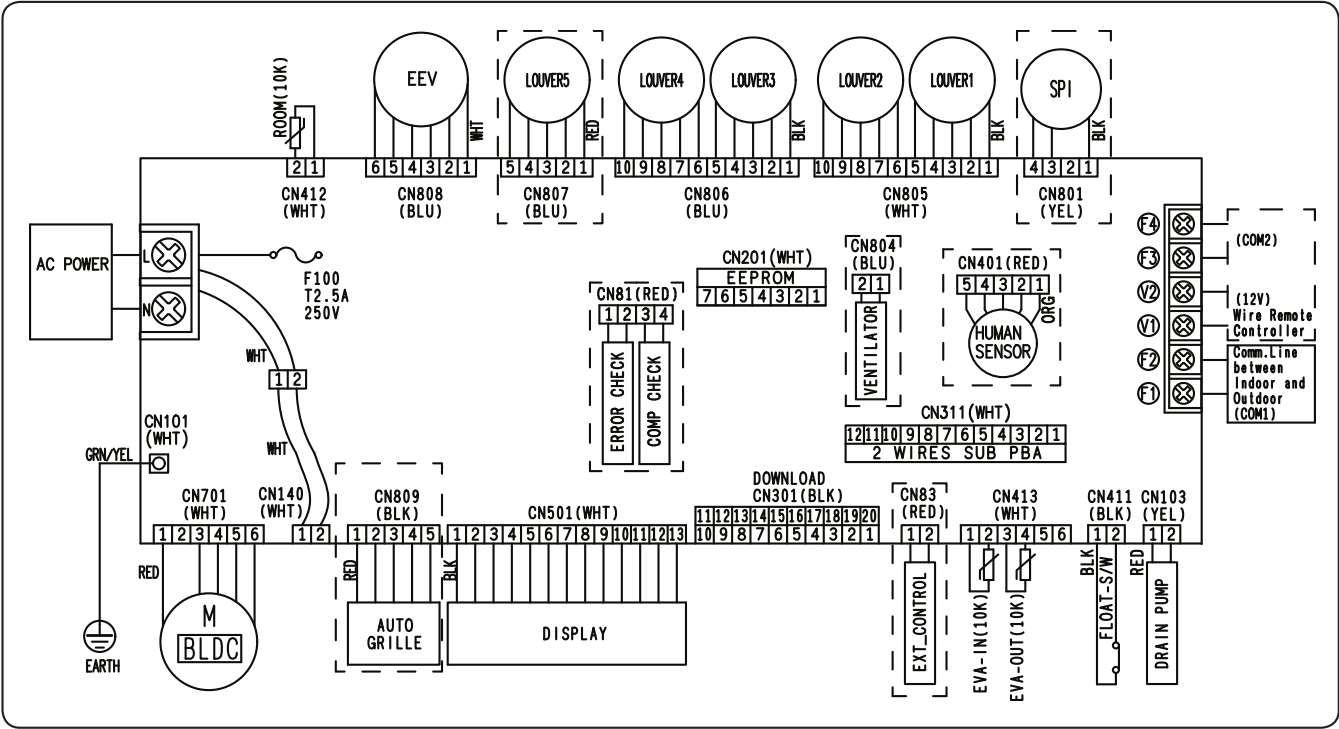
Units : mm [inches]



Model	A	B	C	D
~ 9.0 kW	204 [8"]	70 [2 3/4"]	410 [1'-4 1/4"]	360 [1'-2 1/4"]
11.2 kW	246 [9 3/4"]	100 [4"]	410 [1'-4 1/4"]	410 [1'-4 1/4"]
12.8~ 14 kW	288 [11 1/4"]	130 [5"]	420 [1'-4 1/2"]	420 [1'-4 1/2"]

6. Electrical Wiring Diagram

4Way Cassette



EVA OUT (10K)	Thermistor EVA OUT (10K)	EVA IN (10K)	Thermistor EVA IN (10K)	BLDC	Brush Less Dc Motor
ROOM (10K)	Thermistor ROOM (10K)				

NOTE

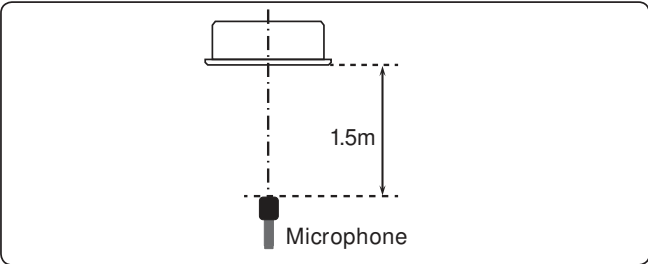
- This wiring diagram applies only to the outdoor unit.
- Symbols show as flow :
blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue, grn: green
- For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remotecontroller F3-F4.
- ⊕ Protective earth(SCREW)

7. Sound data

4Way Cassette

Sound pressure level

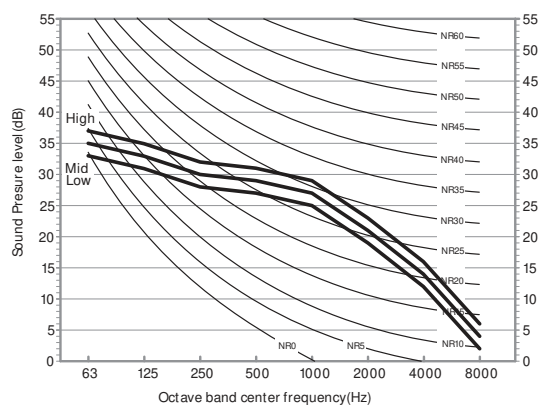
Unit: dB(A)



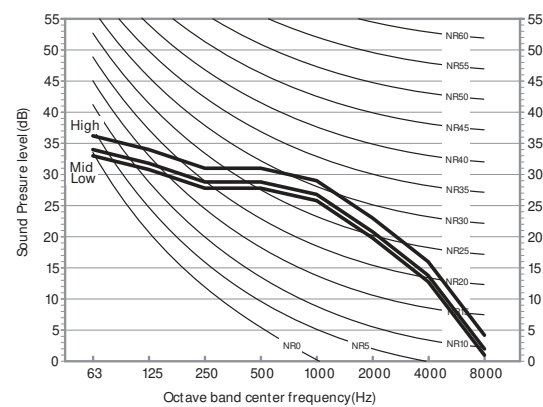
Model	High	Mid	Low
AM045FN4DEH***	33	32	30
AM056FN4DEH***	33	32	30
AM071FN4DEH***	35	34	33
AM090FN4DEH***	39	36	33

• NR Curve

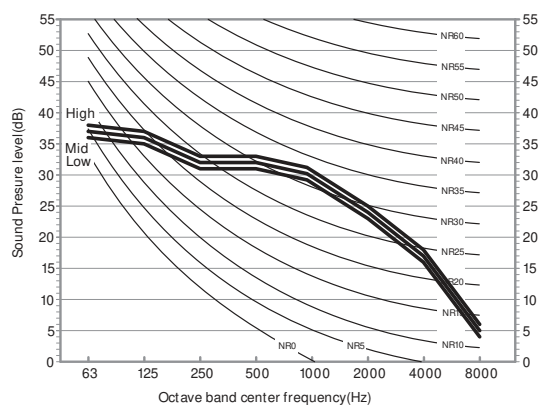
1) AM045FN4DEH***



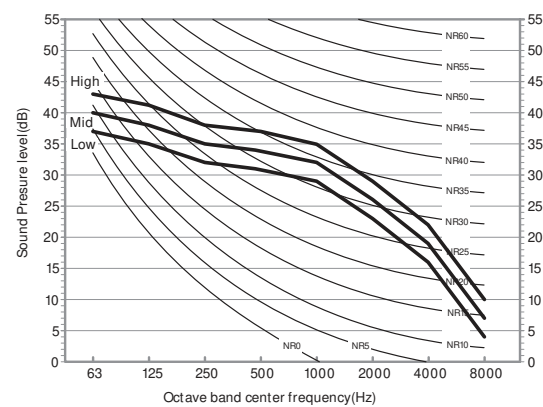
2) AM056FN4DEH***



3) AM071FN4DEH***



4) AM090FN4DEH***

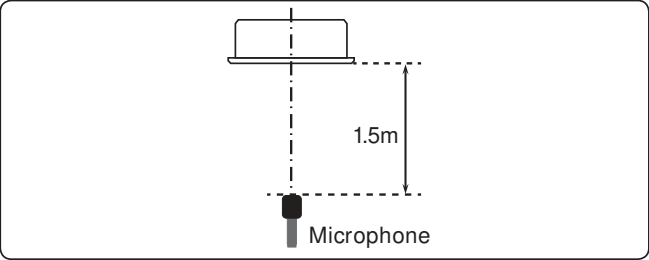


NOTE

- Specifications may be subject to change without prior notice.
- Sound pressure 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

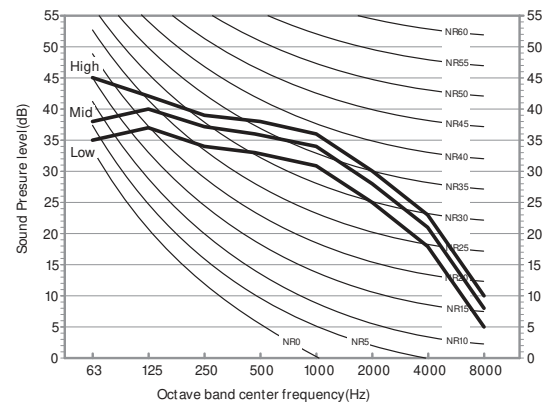
Unit: dB(A)



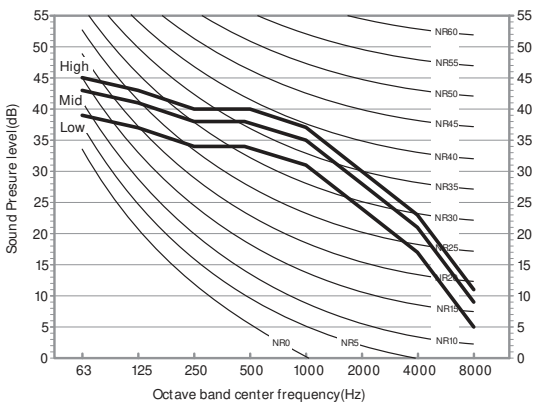
Model	High	Mid	Low
AM112FN4DEH***	40	38	35
AM128FN4DEH***	42	40	35
AM140FN4DEH***	44	41	35

• NR Curve

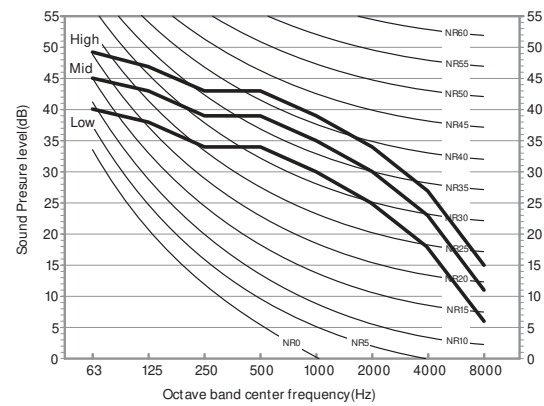
5) AM112FN4DEH***



6) AM128FN4DEH***



7) AM140FN4DEH***



NOTE

- Specifications may be subject to change without prior notice.
- Sound pressure 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

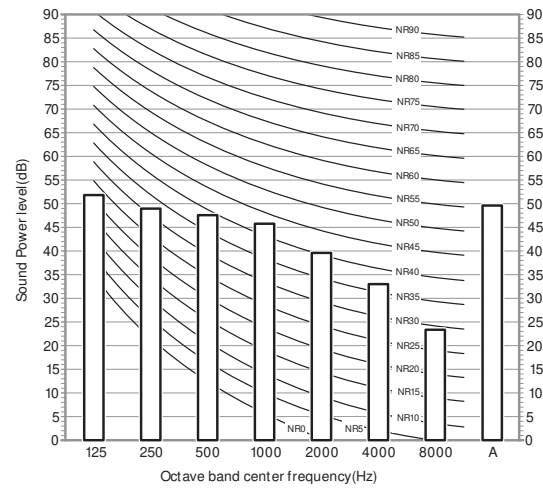
4Way Cassette

Sound Power level

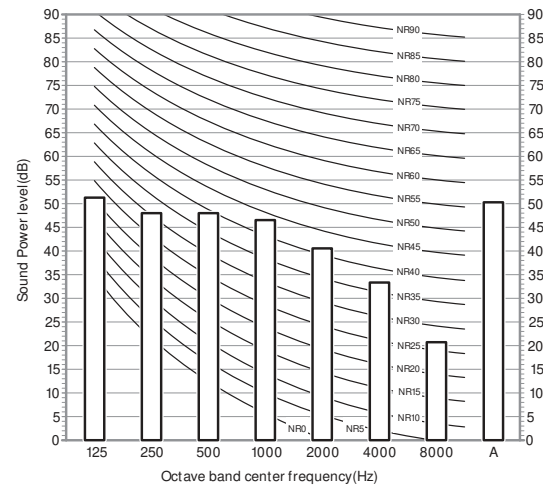
Unit : dB(A)

Model	Power
AM045FN4DEH***	49
AM056FN4DEH***	50
AM071FN4DEH***	54
AM090FN4DEH***	57

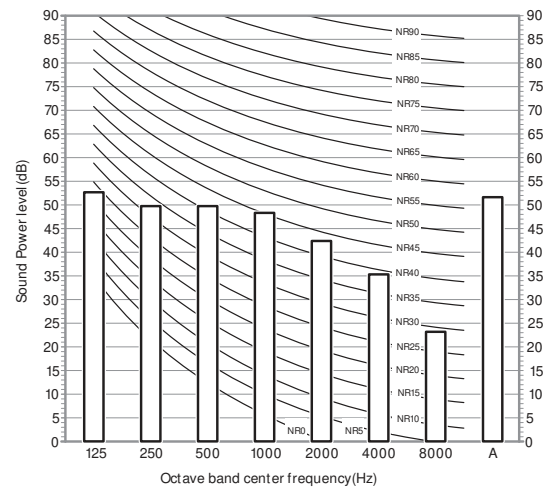
1) AM045FN4DEH***



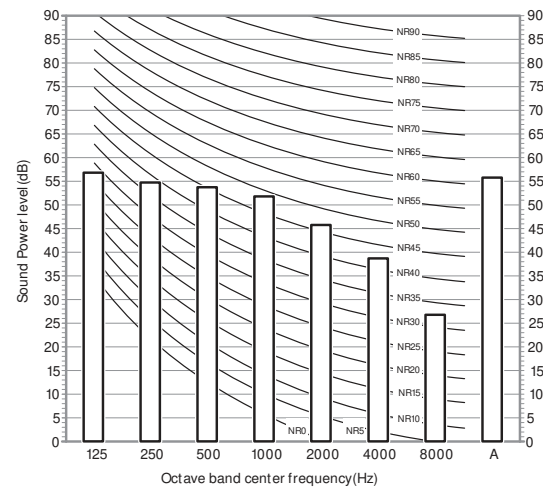
2) AM056FN4DEH***



3) AM071FN4DEH***



4) AM090FN4DEH***



NOTE

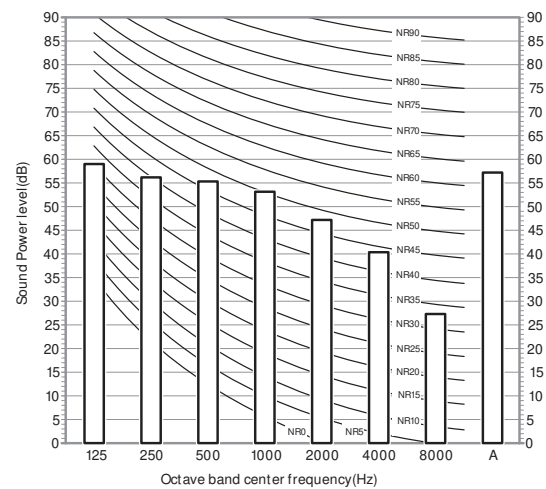
- Specifications may be subject to change without prior notice.
- Sound power level is an absolute value that a sound source generates
- dBA = A weighted sound power level
- Reference power : 1pW
- Measured according to ISO 3741

7. Sound data

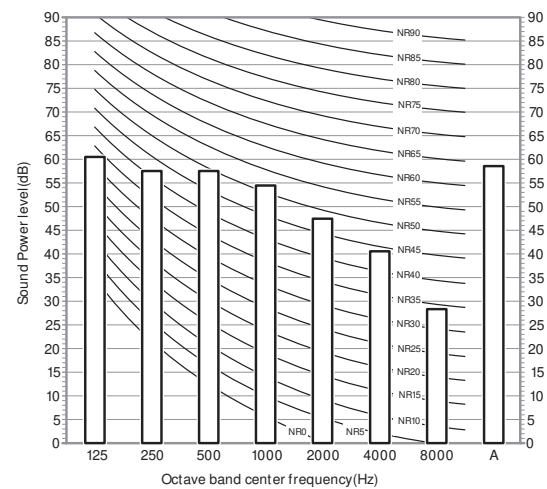
Unit: dB(A)

Model	Power
AM112FN4DEH***	57
AM128FN4DEH***	58
AM140FN4DEH***	60

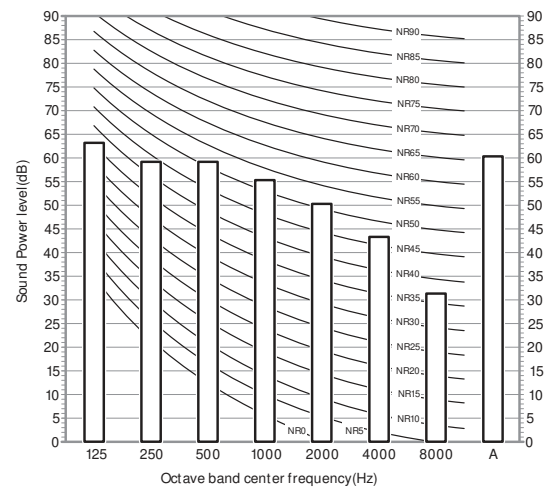
5) AM112FN4DEH***



6) AM128FN4DEH***



7) AM140FN4DEH***



NOTE

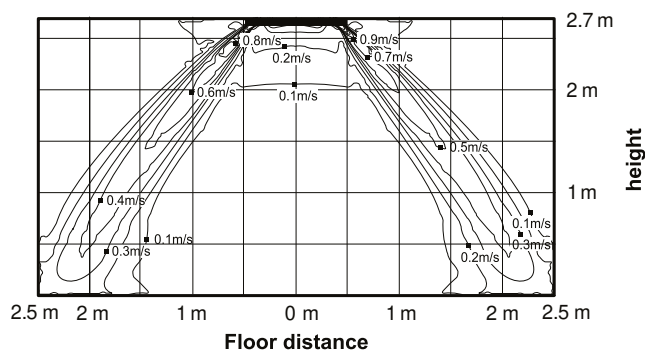
- Specifications may be subject to change without prior notice.
- Sound power level is an absolute value that a sound source generates
- dBA = A weighted sound power level
- Reference power : 1pW
- Measured according to ISO 3741

8. Temperature and Air Flow Distribution

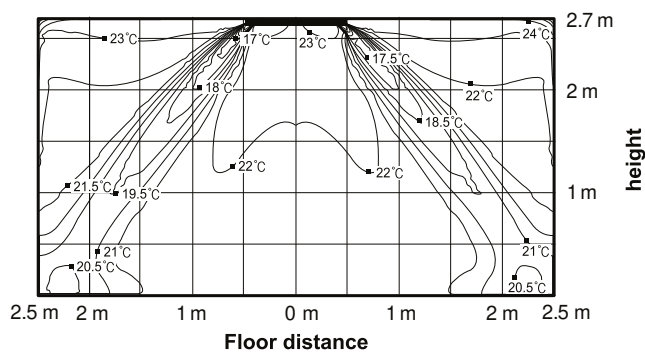
4Way Cassette

AM045FN4DEH×××

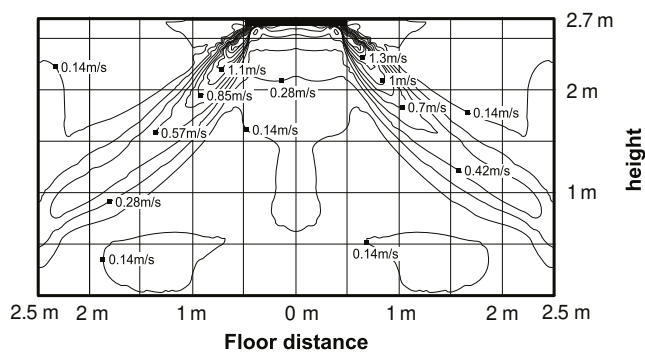
(1) Cooling air velocity distribution Discharge angle: 45°



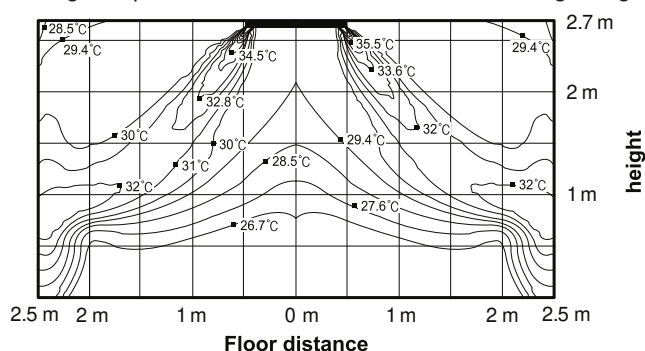
(2) Cooling temperature distribution Discharge angle: 45°



(3) Heating air velocity distribution Discharge angle: 52°



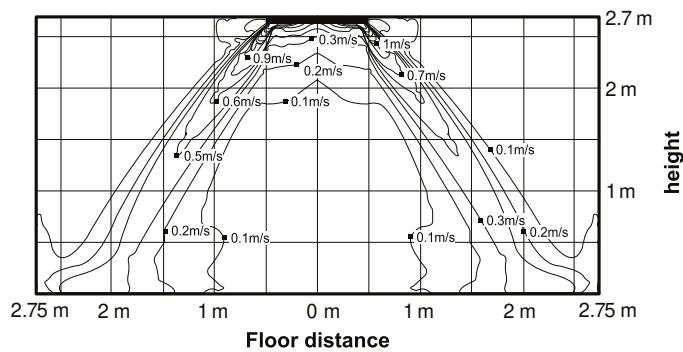
(4) Heating temperature distribution Discharge angle: 52°



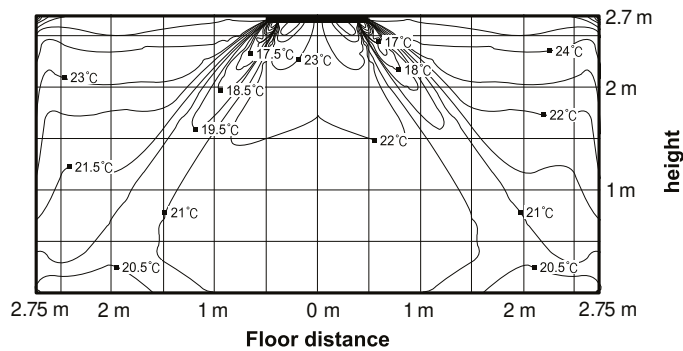
8. Temperature and Air Flow Distribution

AM056FN4DEH***

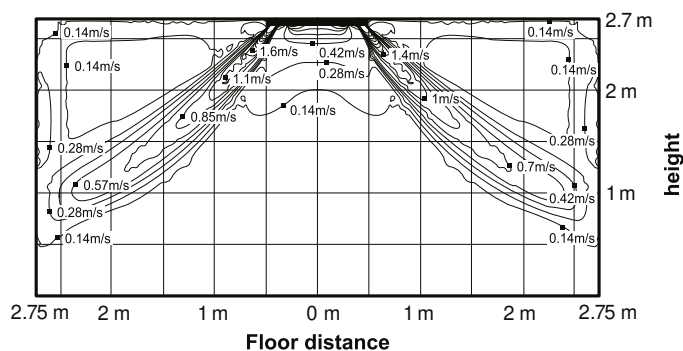
(1) Cooling air velocity distribution Discharge angle: 45°



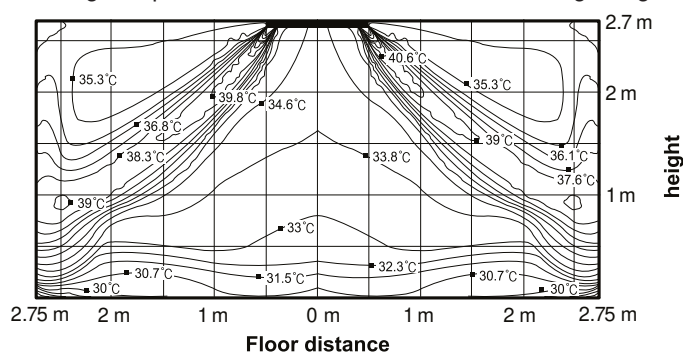
(2) Cooling temperature distribution Discharge angle: 45°



(3) Heating air velocity distribution Discharge angle: 52°



(4) Heating temperature distribution Discharge angle: 52°

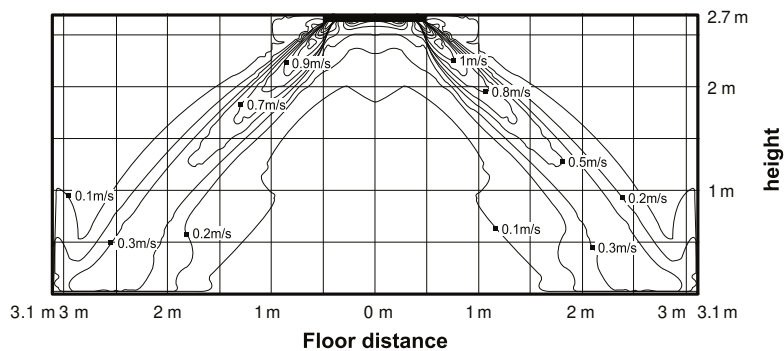


8. Temperature and Air Flow Distribution

AM071FN4DEH***

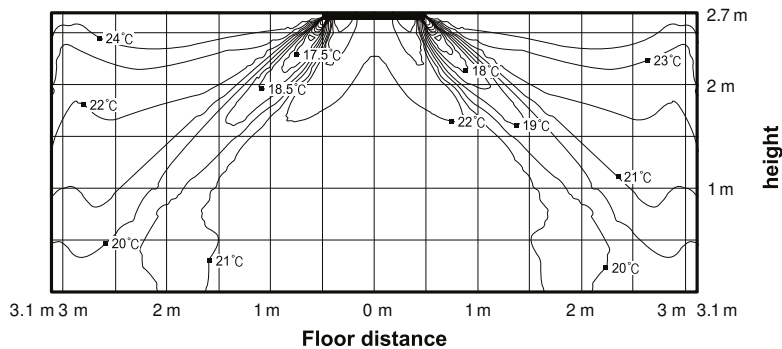
(1) Cooling air velocity distribution

Discharge angle: 45°



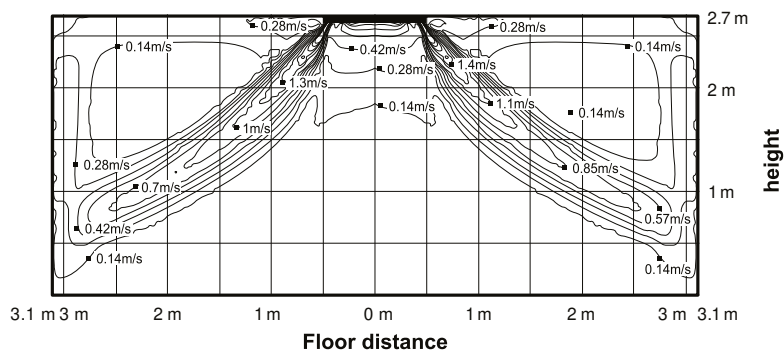
(2) Cooling temperature distribution

Discharge angle: 45°



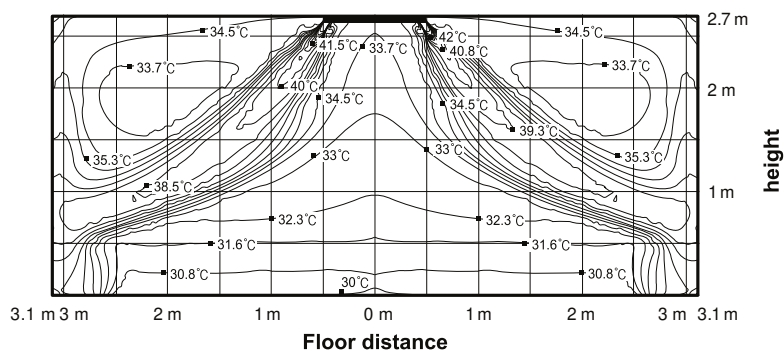
(3) Heating air velocity distribution

Discharge angle: 52°



(4) Heating temperature distribution

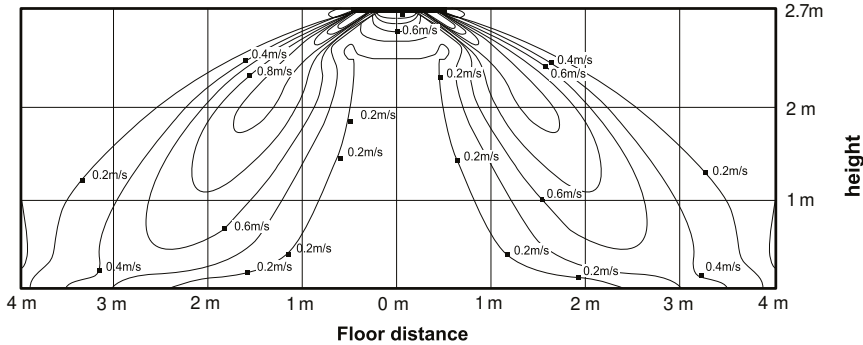
Discharge angle: 52°



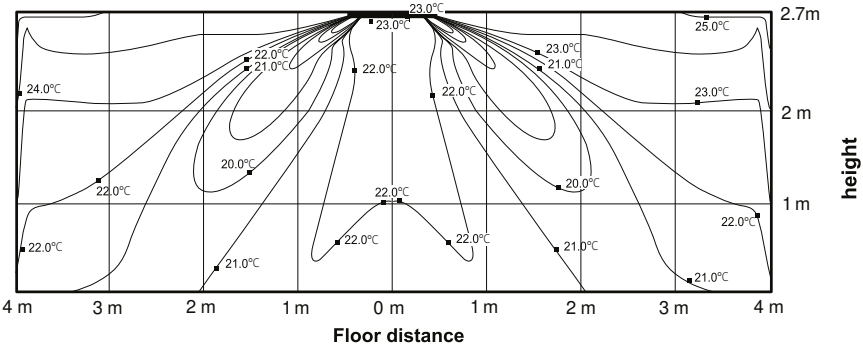
8. Temperature and Air Flow Distribution

AM090FN4DEH***

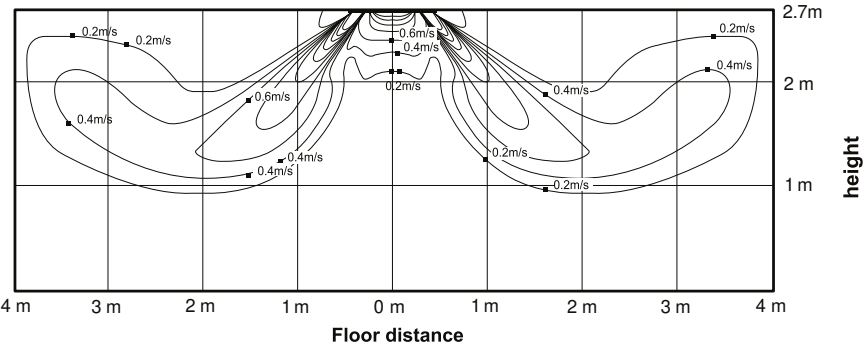
(1) Cooling air velocity distribution Discharge angle: 45°



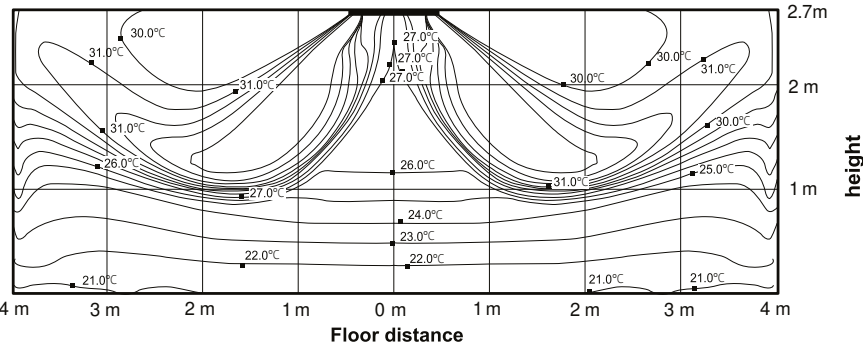
(2) Cooling temperature distribution Discharge angle: 45°



(3) Heating air velocity distribution Discharge angle: 52°



(4) Heating temperature distribution Discharge angle: 52°

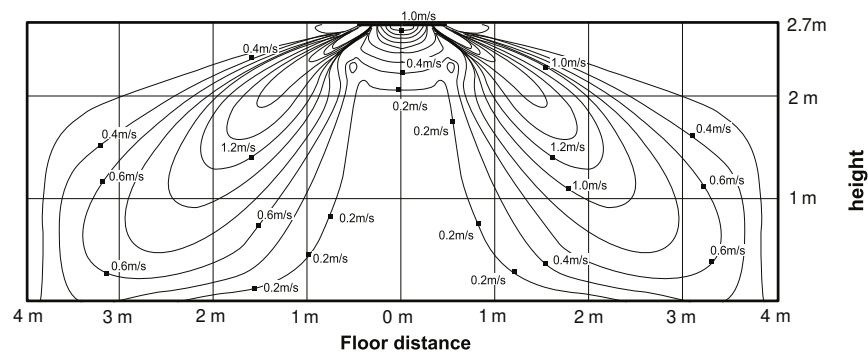


8. Temperature and Air Flow Distribution

AM112FN4DEH***

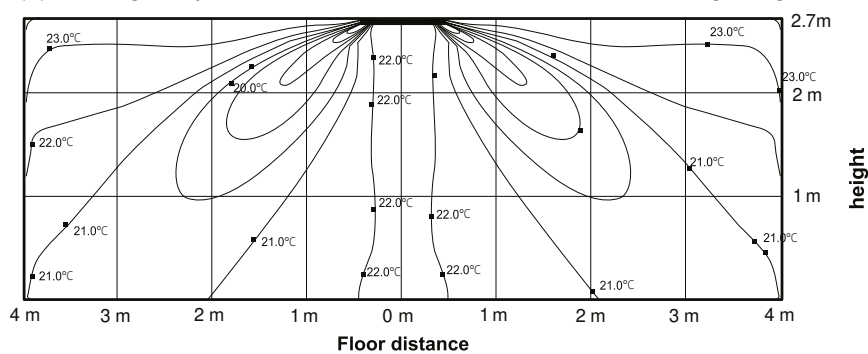
(1) Cooling air velocity distribution

Discharge angle: 45°



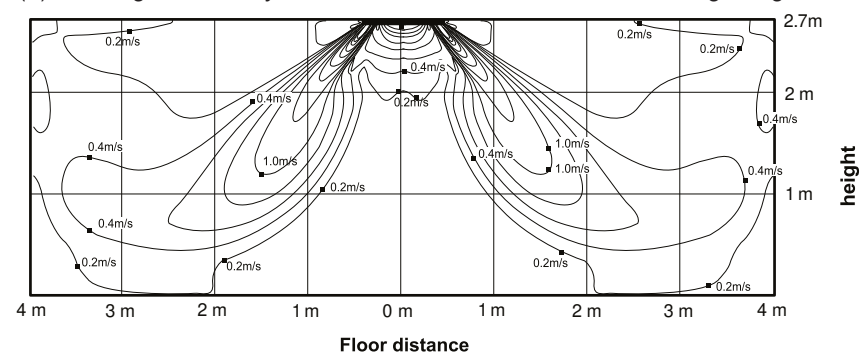
(2) Cooling temperature distribution

Discharge angle: 45°



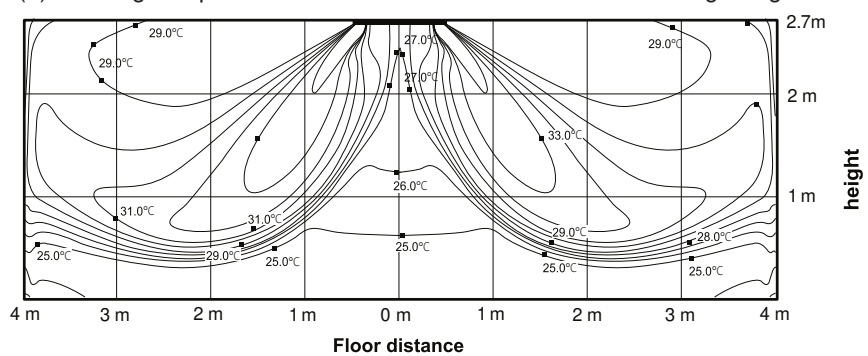
(3) Heating air velocity distribution

Discharge angle: 52°



(4) Heating temperature distribution

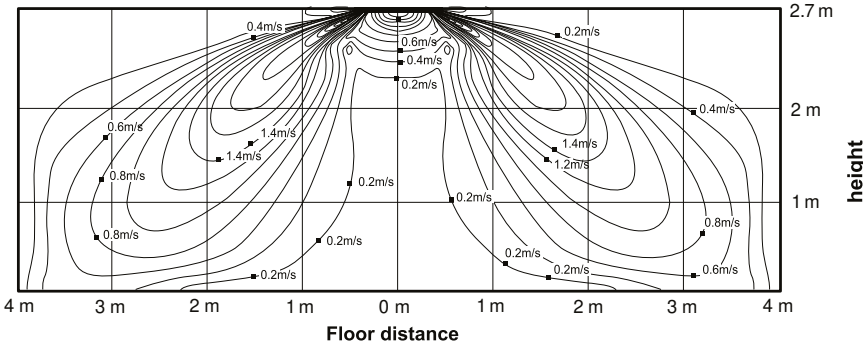
Discharge angle: 52°



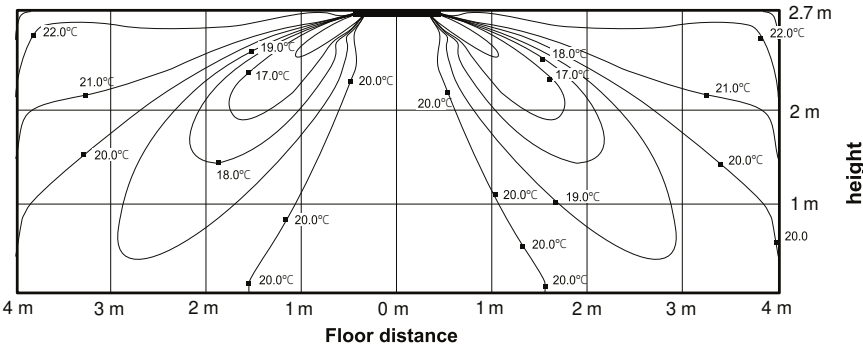
8. Temperature and Air Flow Distribution

AM140FN4DEH***

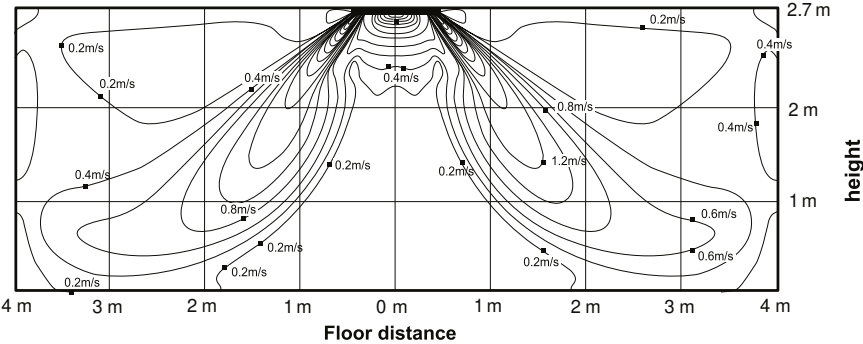
(1) Cooling air velocity distribution Discharge angle: 45°



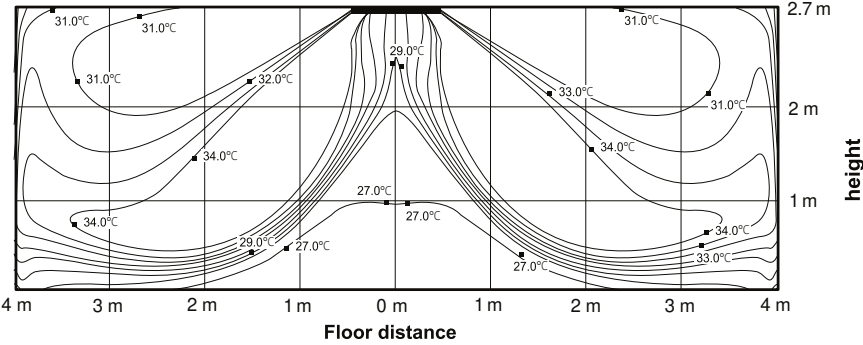
(2) Cooling temperature distribution Discharge angle: 45°



(3) Heating air velocity distribution Discharge angle: 52°

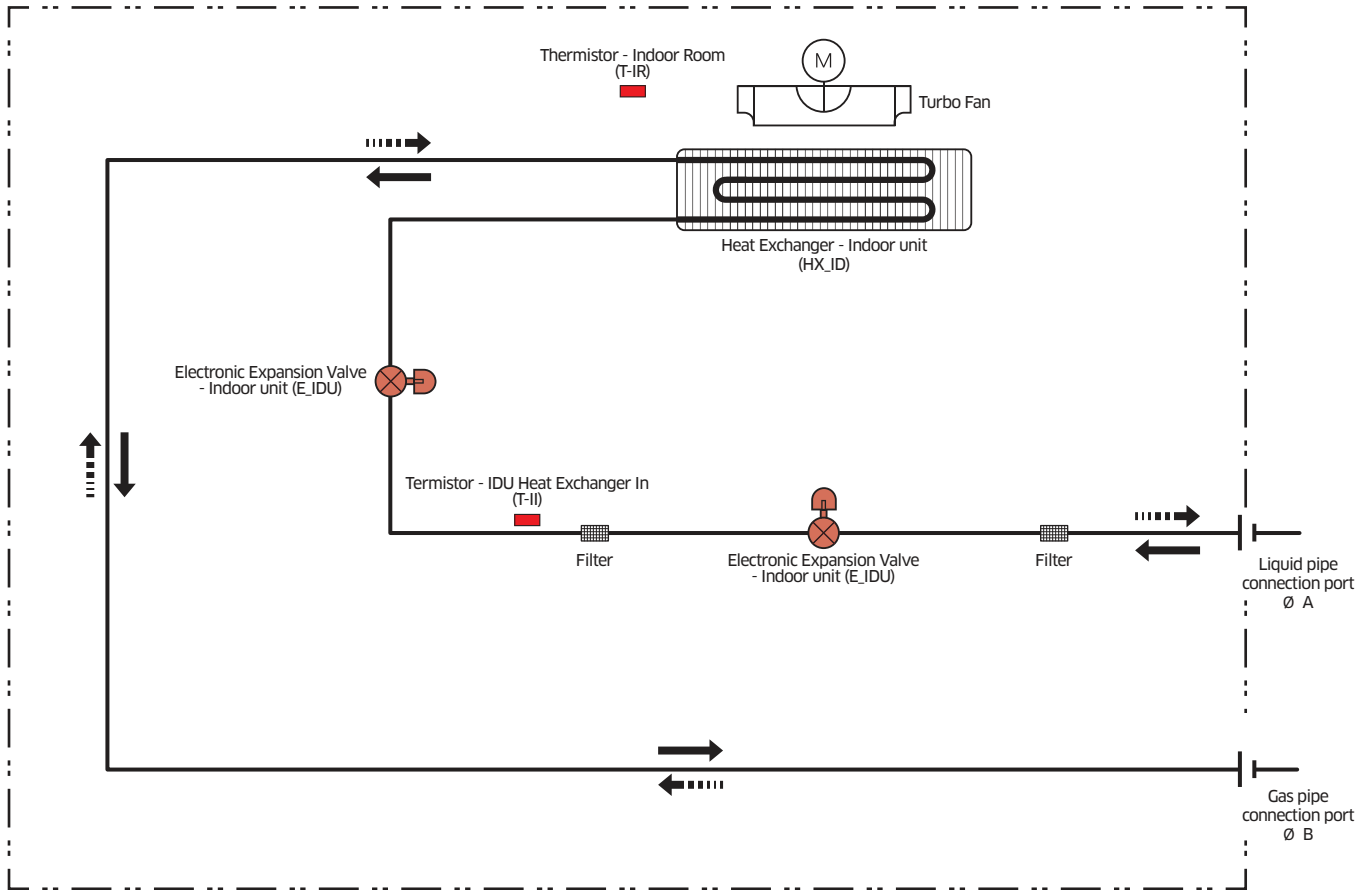


(4) Heating temperature distribution Discharge angle: 52°



9. Piping Diagram

4Way Cassette



Refrigerant flow	
Cooling	Heating

Model	A	B
AM045FN4DEH***	6.35	12.7
AM056FN4DEH***		
AM071FN4DEH***		
AM090FN4DEH***	9.52	15.88
AM112FN4DEH***		
AM128FN4DEH***		
AM140FN4DEH***		

360 Cassette

- 1 *Specifications*
- 2 *Capacity Table*
- 3 *Dimensional Drawing*
- 4 *Electrical Wiring Diagram*
- 5 *Sound Pressure Level*
- 6 *Sound Power Level*
- 7 *Temperature and air flow distribution*

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		
Mode				-		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		mm²	1.5 - 2.5	1.5 - 2.5	1.5 - 2.5
	Transmission Cable		mm²	0.75 - 1.50	0.75 - 1.50	0.75 - 1.50
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	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. (°C, DB)	Indoor temperature													
		20(°C, DB)		23(°C, DB)		26(°C, DB)		27(°C, DB)		28(°C, DB)		30(°C, DB)		32(°C, DB)	
		14(°C, WB)		16(°C, WB)		18(°C, WB)		19(°C, WB)		20(°C, WB)		22(°C, WB)		24(°C, 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
056	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
	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. (°C,DB)	Indoor temperature													
		20(°C,DB)		23(°C,DB)		26(°C,DB)		27(°C,DB)		28(°C,DB)		30(°C,DB)		32(°C,DB)	
		14(°C,WB)		16(°C,WB)		18(°C,WB)		19(°C,WB)		20(°C,WB)		22(°C,WB)		24(°C,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. (°C, DB)	Indoor temperature													
		20(°C, DB)		23(°C, DB)		26(°C, DB)		27(°C, DB)		28(°C, DB)		30(°C, DB)		32(°C, DB)	
		14(°C, WB)		16(°C, WB)		18(°C, WB)		19(°C, WB)		20(°C, WB)		22(°C, WB)		24(°C, 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. (°C)		Indoor temperature (°C,DB)				
			16(°C,DB)	18(°C,DB)	20(°C,DB)	22(°C,DB)	24(°C,DB)
	DB	WB	TC kW	TC kW	TC kW	TC kW	TC 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
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
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. (°C)		Indoor temperature (°C,DB)				
			16(°C,DB)	18(°C,DB)	20(°C,DB)	22(°C,DB)	24(°C,DB)
	DB	WB	TC kW	TC kW	TC kW	TC kW	TC 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
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
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

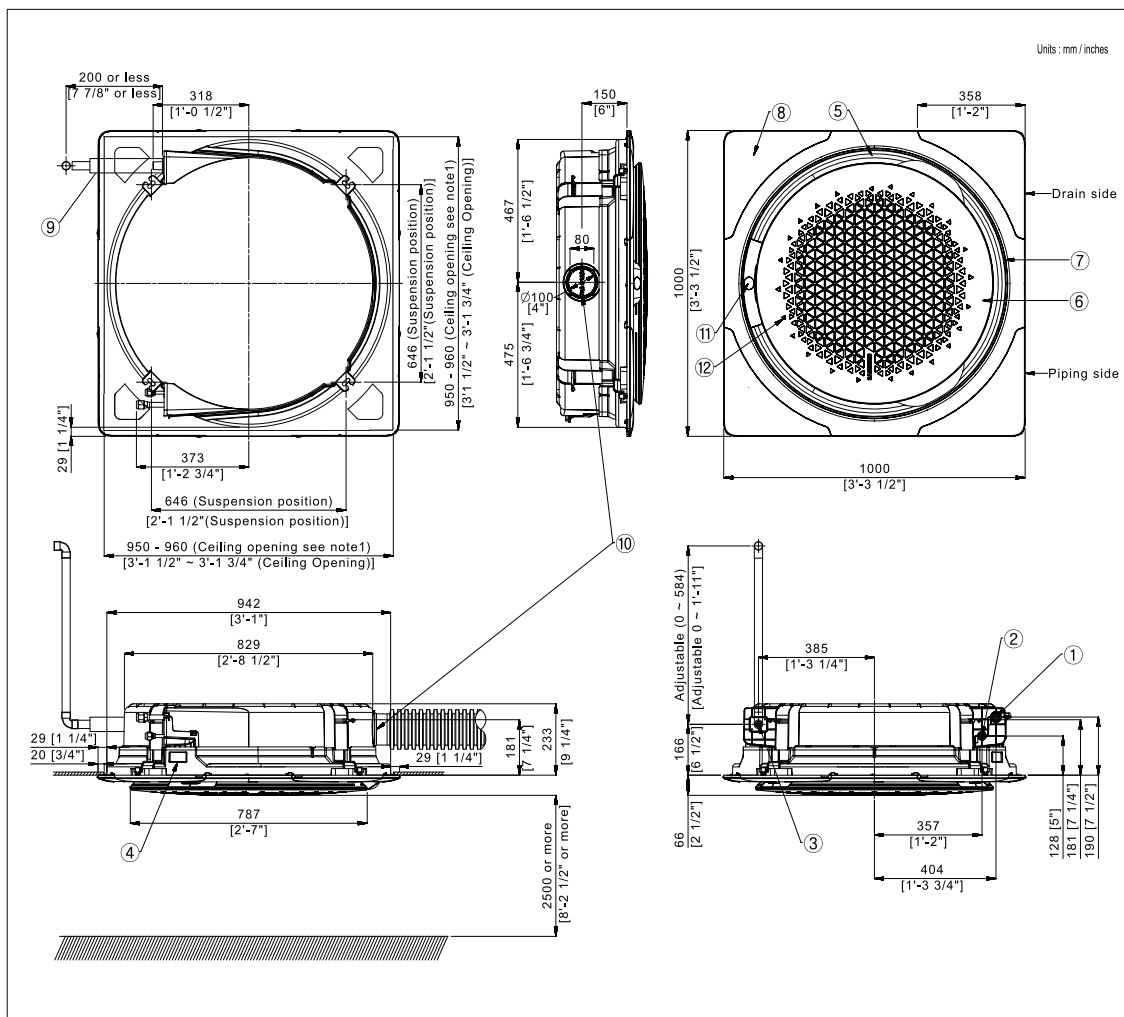
TC : Total Capacity

Capacity Index	Outdoor Air Temp. (°C)		Indoor temperature (°C,DB)				
			16(°C,DB)	18(°C,DB)	20(°C,DB)	22(°C,DB)	24(°C,DB)
	DB	WB	TC	TC	TC	TC	TC
140	DB	WB	kW	kW	kW	kW	kW
	-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°C[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

AM112KN4DEH/EU, AM128KN4DEH/EU, AM140KN4DEH/EU

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

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



- | <ol style="list-style-type: none"> 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 induced 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. | <table border="1"> <tr> <th>Category</th> </tr> <tr> <td>Square panel</td> </tr> </table> | Category | Square panel |
|--|---|----------|--------------|
| Category | | | |
| Square panel | | | |

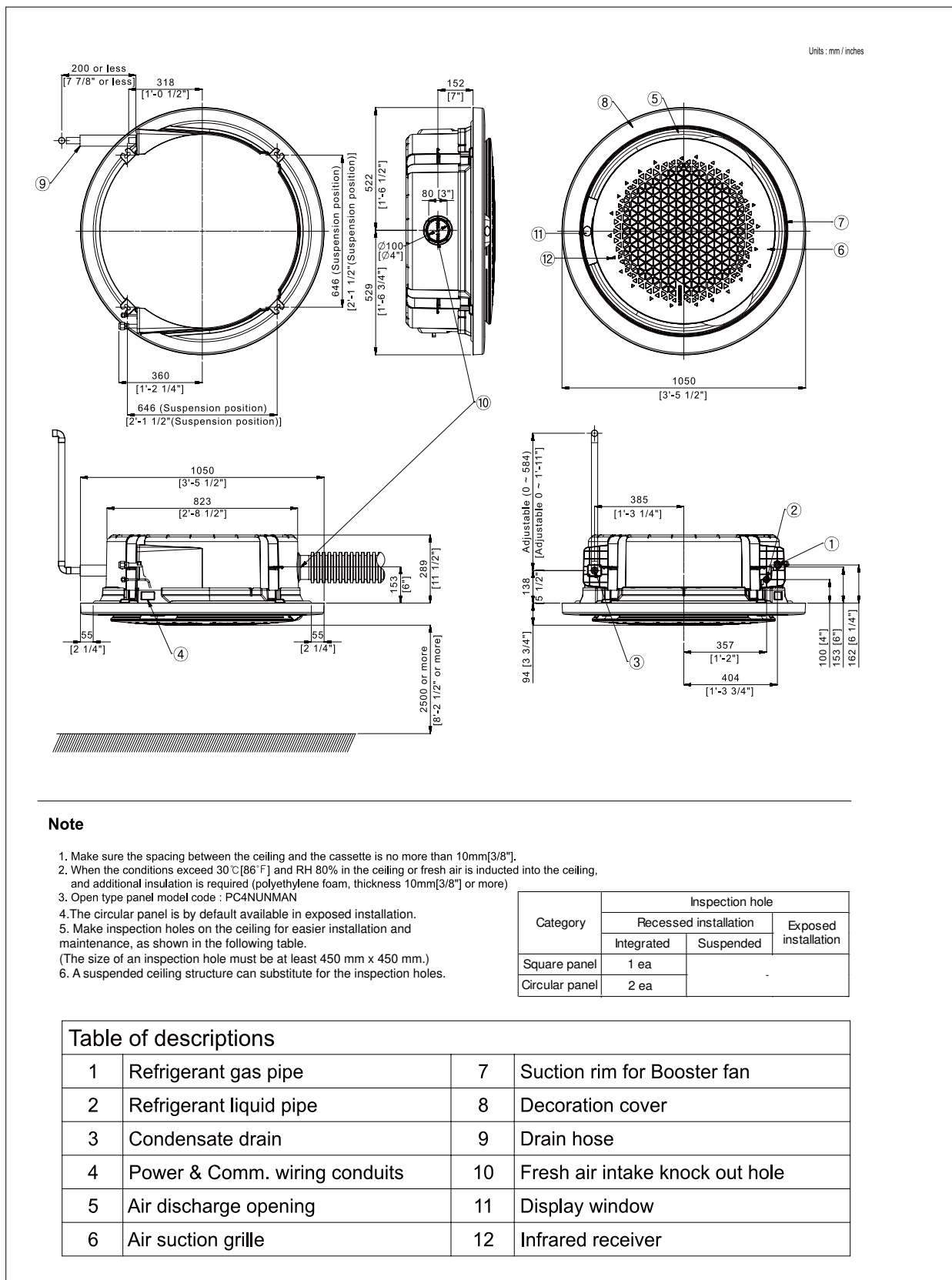
Category	Inspection hole		
	Recessed installation		Exposed installation
	Integrated	Suspended	
Square panel	1 ea		
Circular panel	2 ea		

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

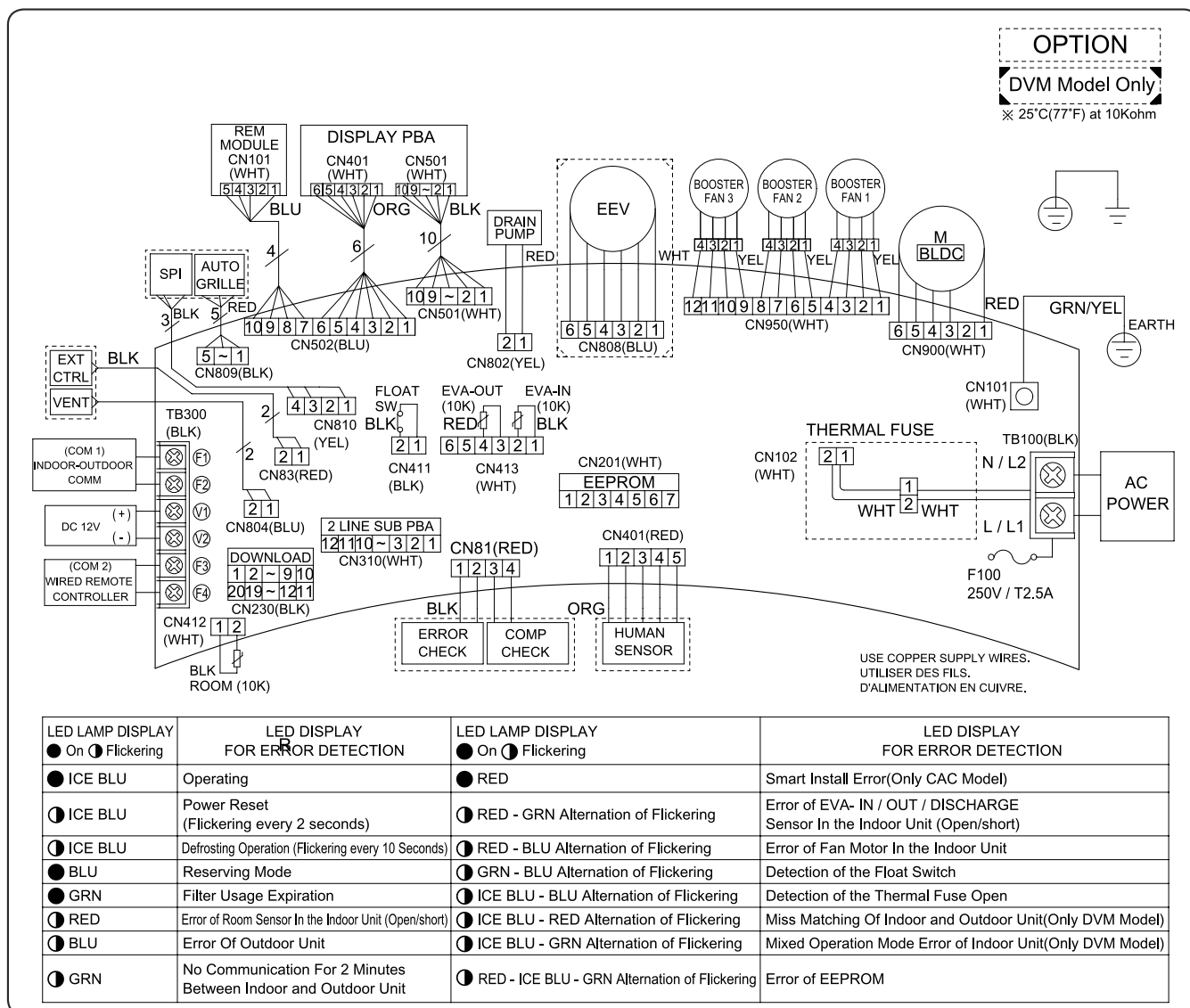
AM112KN4DEH/EU, AM128KN4DEH/EU, AM140KN4DEH/EU



4 Electrical wiring diagram

360 Cassette

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



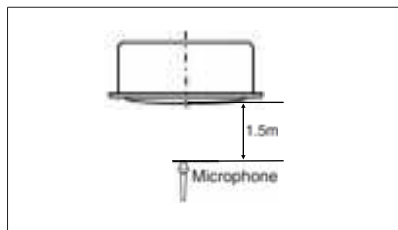
M-BLDC	BLDC Motor	SPI	S-Plasma ion	ROOM(10K)	Thermistor ROOM OUT(10K)
Thermal Fuse	Terminal Block thermal fuse	EEV	Electronic Expansion Valve	EVA-IN(10K)	Thermistor EVA IN(10K)
		F100	Main fuse, 250V/T2.5A	EVA-OUT(10K)	Thermistor EVA OUT(10K)

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)

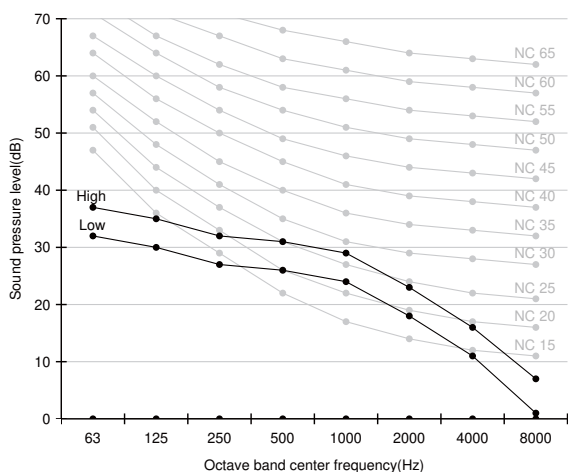
Model	High	Low
AM045KN4DEH/EU	33	29
AM056KN4DEH/EU	34	29
AM071KN4DEH/EU	36	30
AM090KN4DEH/EU	40	32

Note

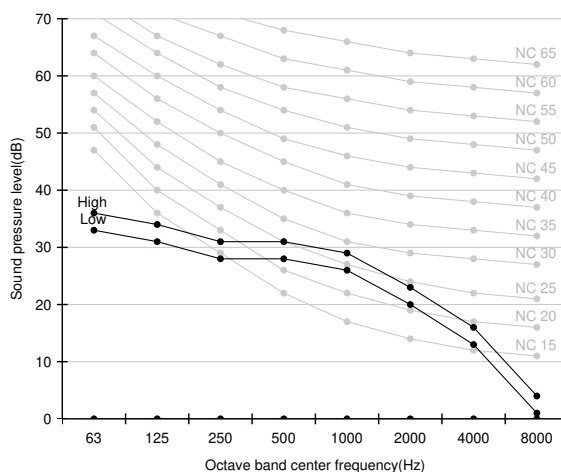
Specifications may be subject to change without prior notice.
 Sound pressure level is obtained in an anechoic room.
 Sound pressure level is a relative value, depending on the distance and acoustic environment.
 Sound pressure level may differ depending on operation condition.
 dBA = A-weighted sound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

NC curve

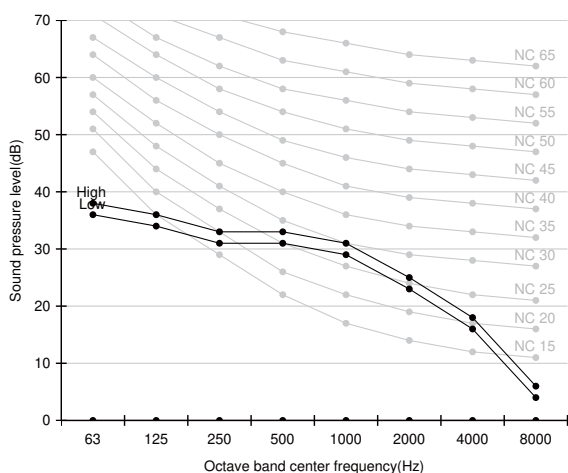
1) AM045KN4DEH/EU



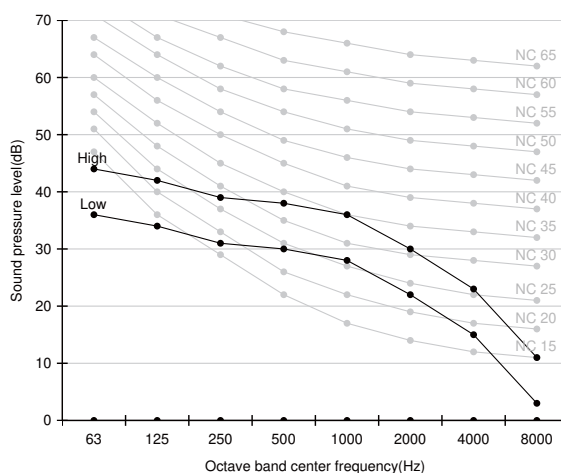
2) AM056KN4DEH/EU



3) AM071KN4DEH/EU

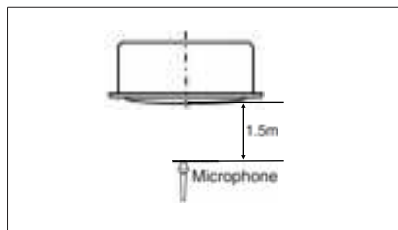


4) AM090KN4DEH/EU



5 Sound pressure level

360 Cassette



Unit: dB(A)

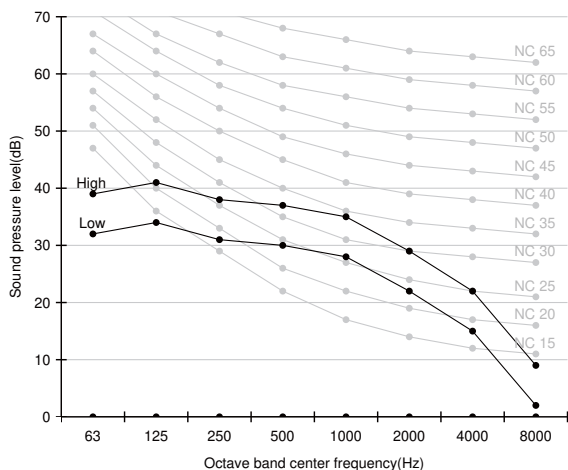
Model	High	Low
AM112KN4DEH/EU	40	32
AM128KN4DEH/EU	42	33
AM140KN4DEH/EU	44	35

Note

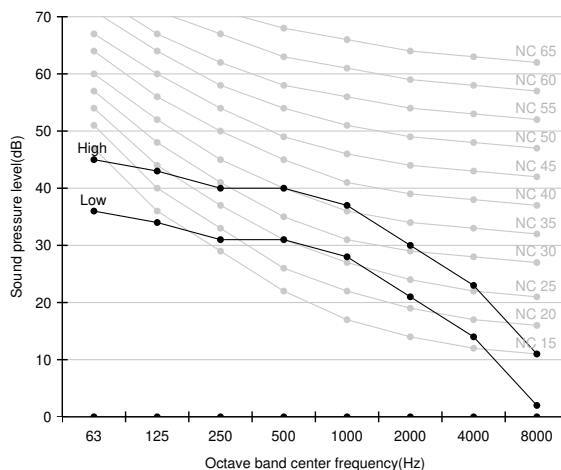
Specifications may be subject to change without prior notice.
 Sound pressure level is obtained in an anechoic room.
 Sound pressure level is a relative value, depending on the distance and acoustic environment.
 Sound pressure level may differ depending on operation condition.
 dBA = A-weighted sound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

NC curve

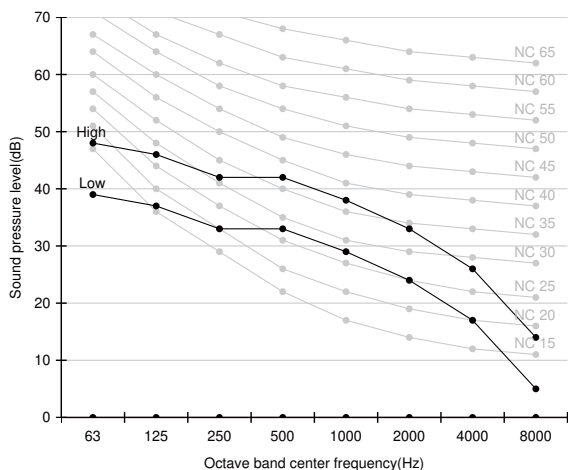
1) AM112KN4DEH/EU



2) AM128KN4DEH/EU



3) AM140KN4DEH/EU



6 Sound power level

360 Cassette

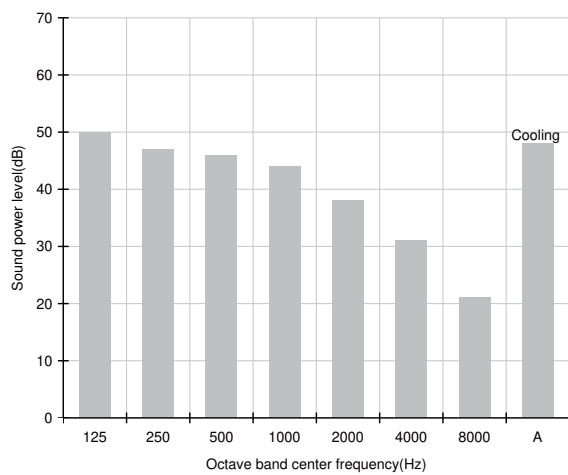
Note

- . 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

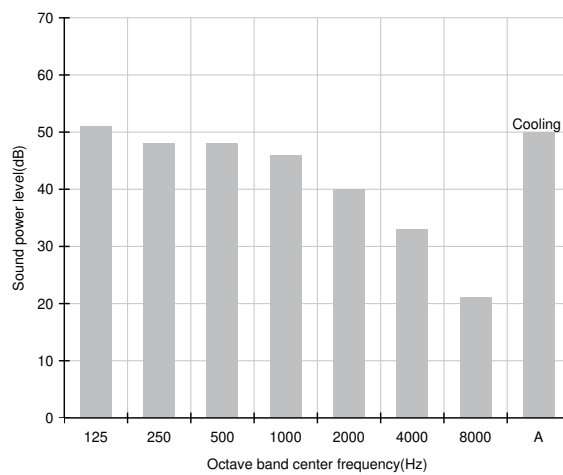
Unit: dB(A)

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

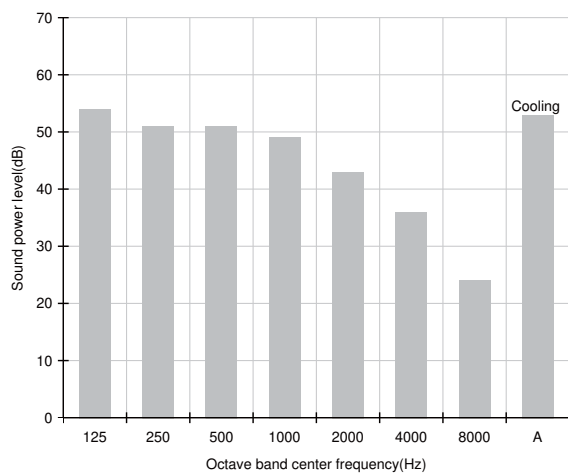
1)AM045KN4DEH/EU



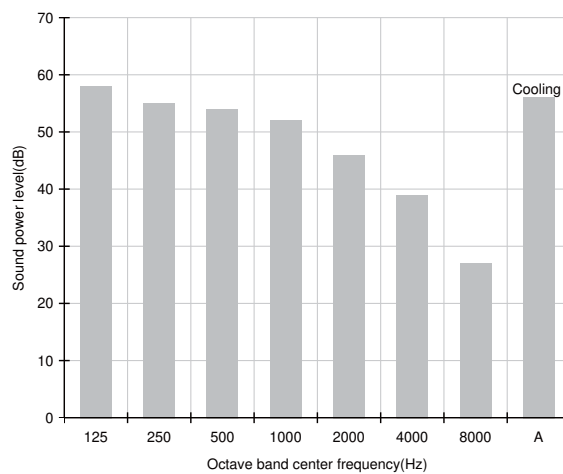
2)AM056KN4DEH/EU



3)AM071KN4DEH/EU



4)AM090KN4DEH/EU



6 Sound power level

360 Cassette

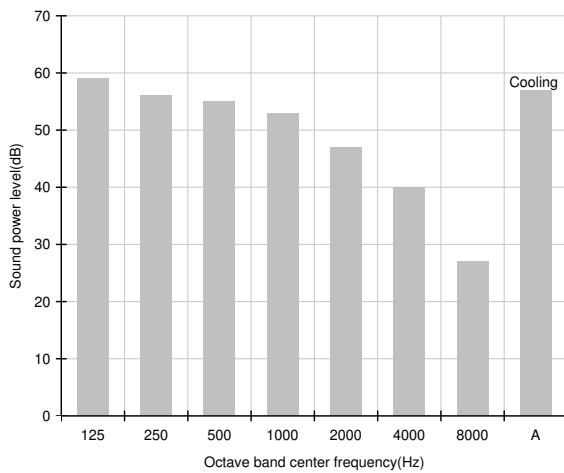
Note

- . 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

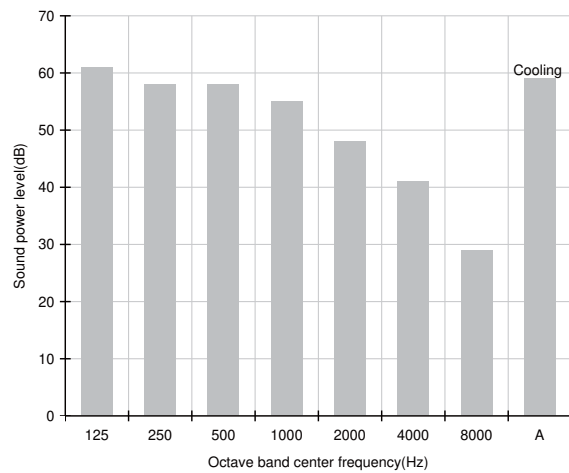
Unit: dB(A)

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

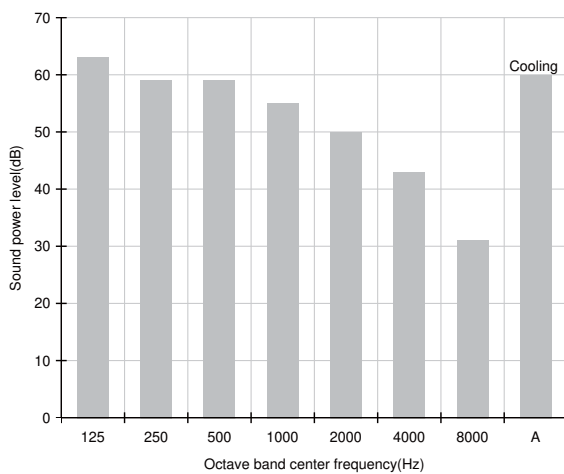
1)AM112KN4DEH/EU



2)AM128KN4DEH/EU



3)AM140KN4DEH/EU



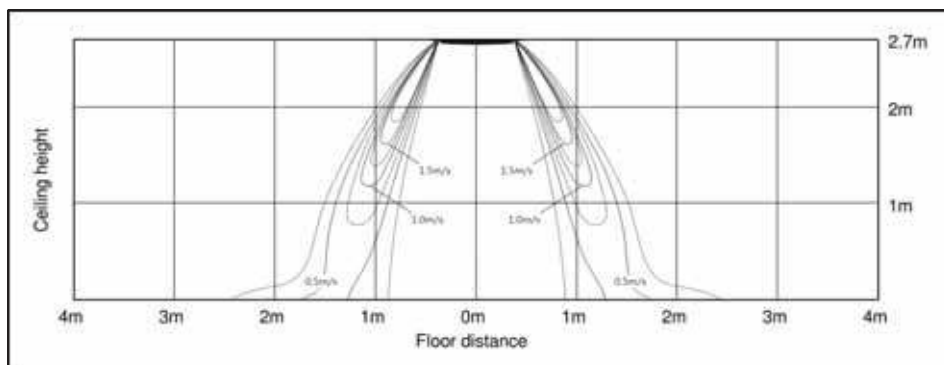
7 Temperature and air flow distribution

360 Cassette

AM045KN4DEH/EU

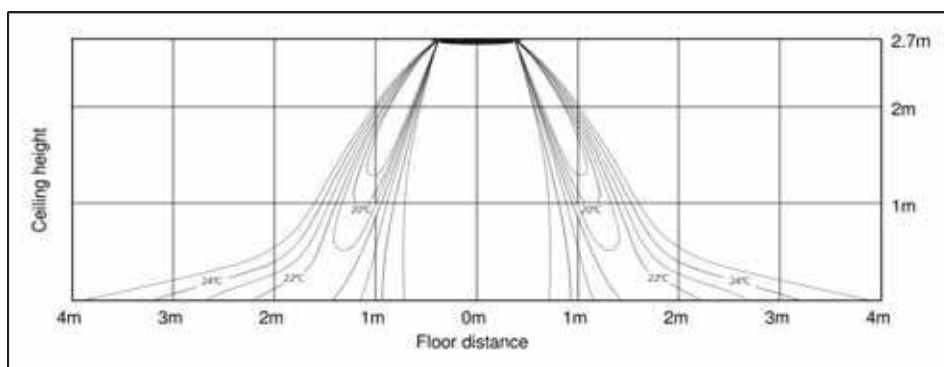
(1) Cooling air velocity distribution

Discharge angle : 60°



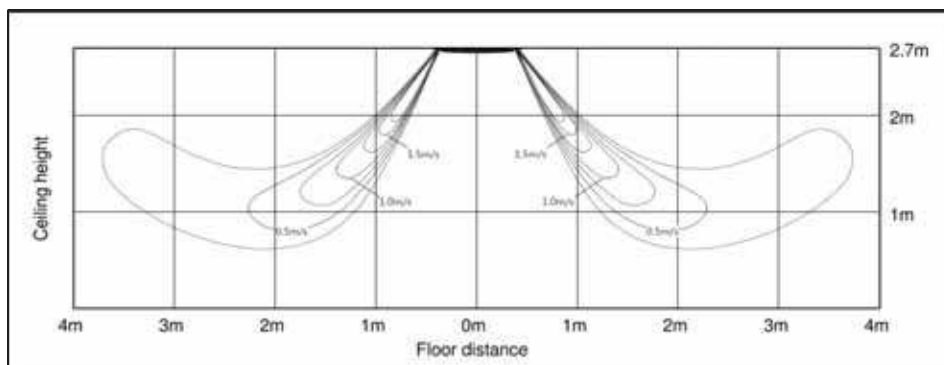
(2) Cooling temperature distribution

Discharge angle : 60°



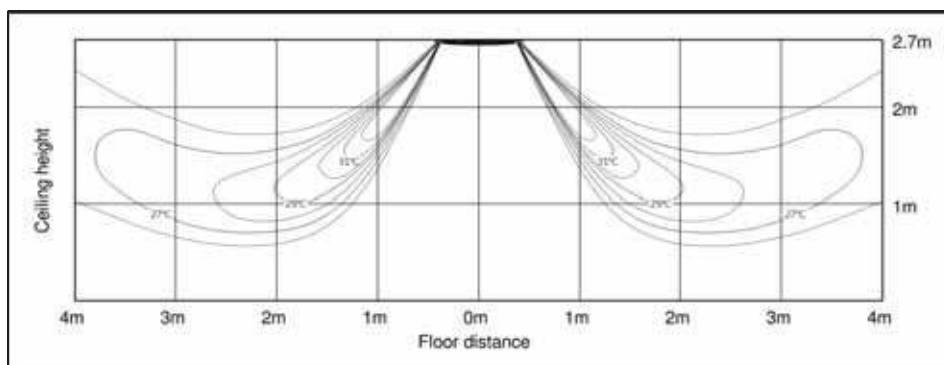
(3) Heating air velocity distribution

Discharge angle : 60°



(4) Heating temperature distribution

Discharge angle : 60°



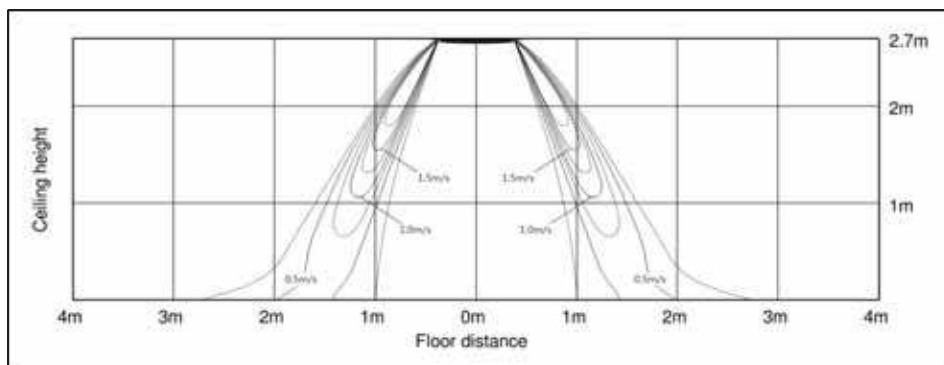
7 Temperature and air flow distribution

360 Cassette

AM056KN4DEH/EU

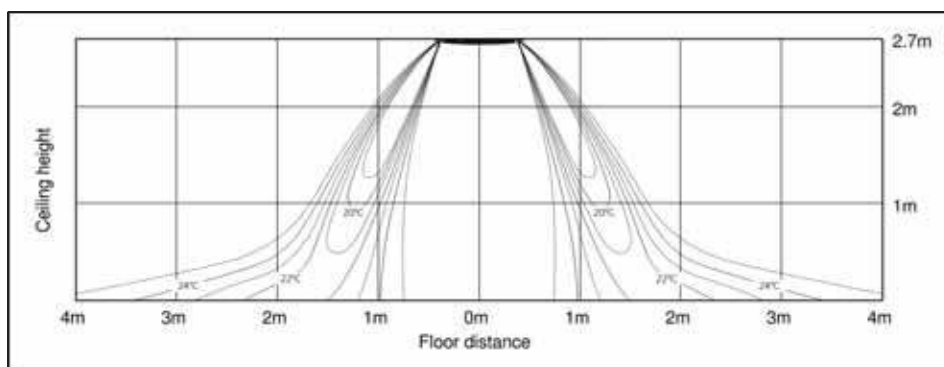
(1) Cooling air velocity distribution

Discharge angle : 60°



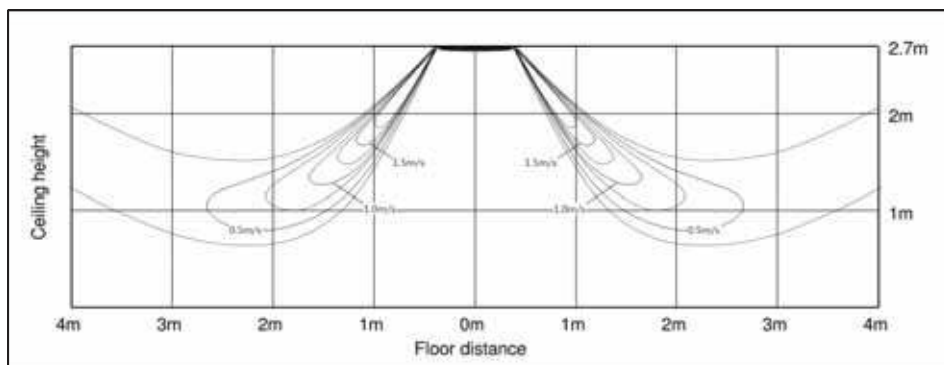
(2) Cooling temperature distribution

Discharge angle : 60°



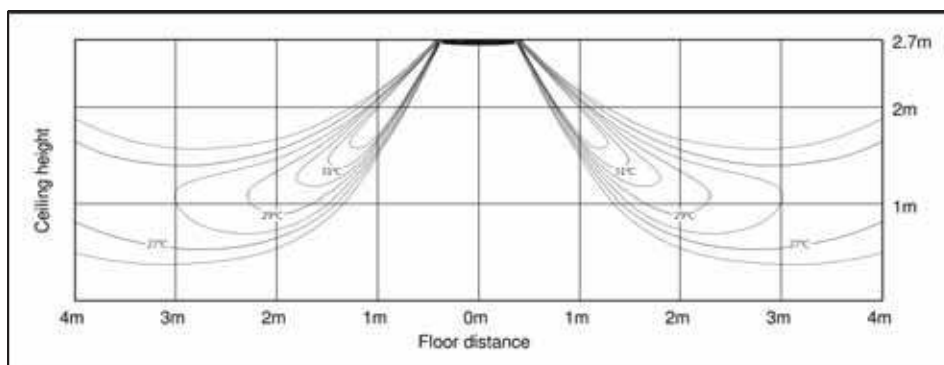
(3) Heating air velocity distribution

Discharge angle : 60°



(4) Heating temperature distribution

Discharge angle : 60°



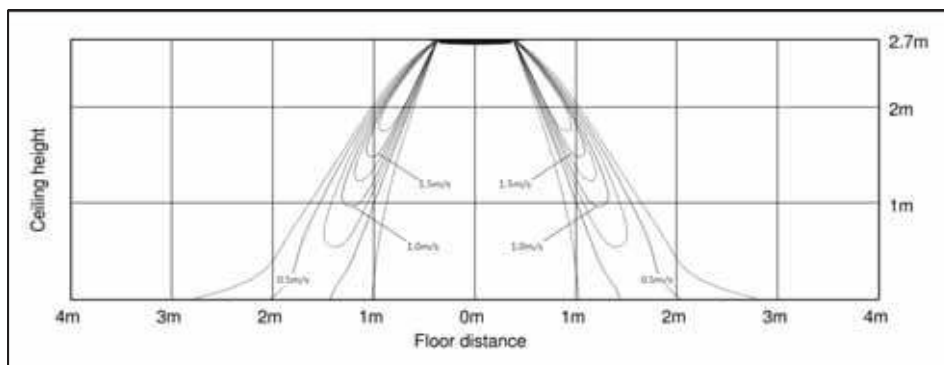
7 Temperature and air flow distribution

360 Cassette

AM071KN4DEH/EU

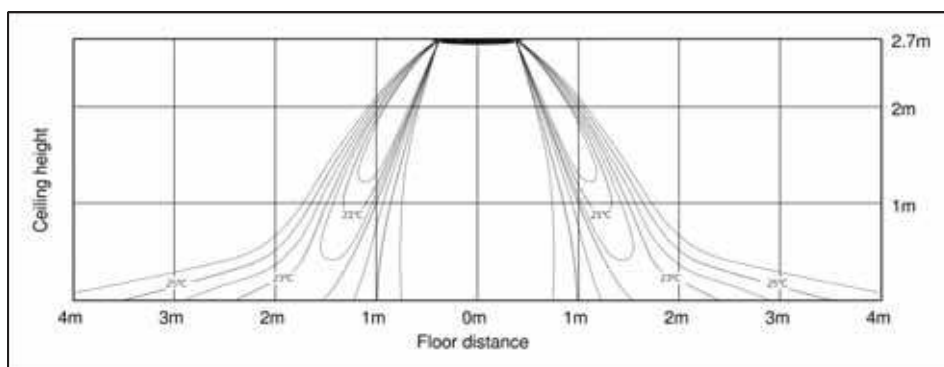
(1) Cooling air velocity distribution

Discharge angle : 60°



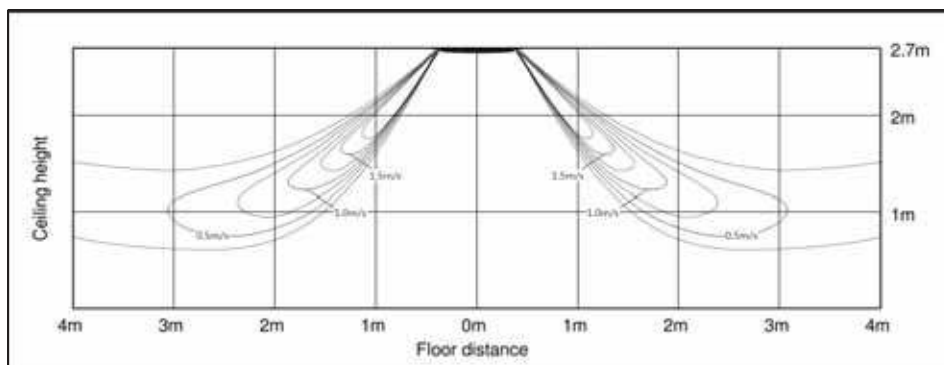
(2) Cooling temperature distribution

Discharge angle : 60°



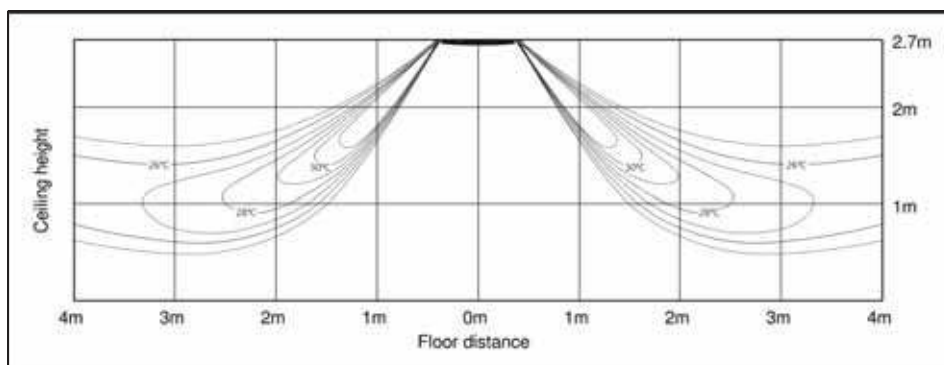
(3) Heating air velocity distribution

Discharge angle : 60°



(4) Heating temperature distribution

Discharge angle : 60°



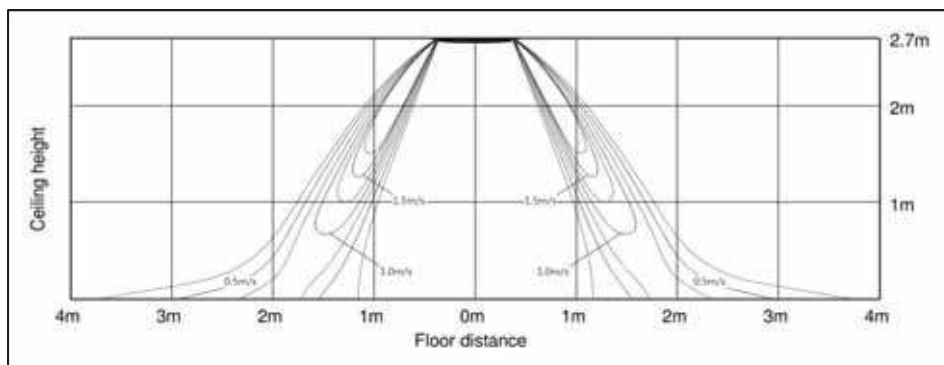
7 Temperature and air flow distribution

360 Cassette

AM090KN4DEH/EU

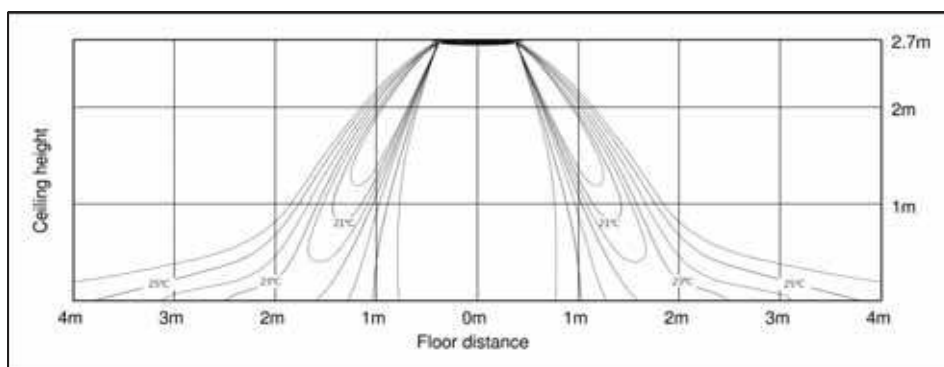
(1) Cooling air velocity distribution

Discharge angle : 60°



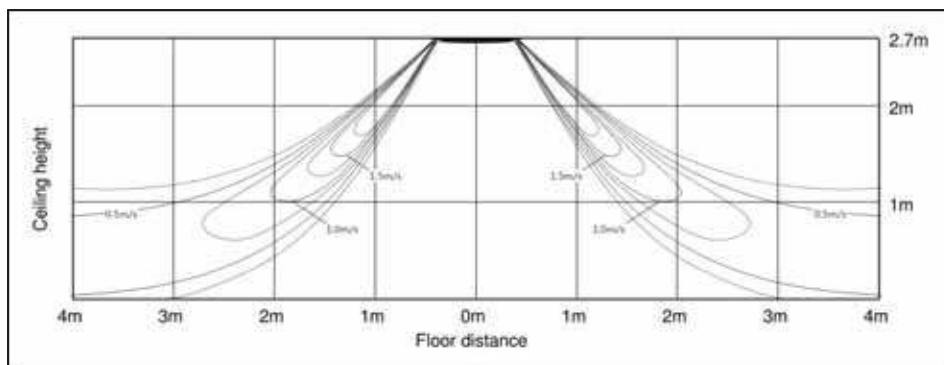
(2) Cooling temperature distribution

Discharge angle : 60°



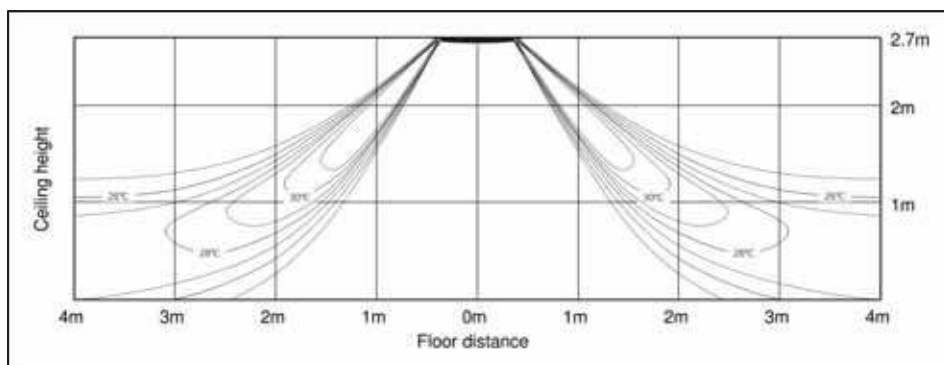
(3) Heating air velocity distribution

Discharge angle : 60°



(4) Heating temperature distribution

Discharge angle : 60°



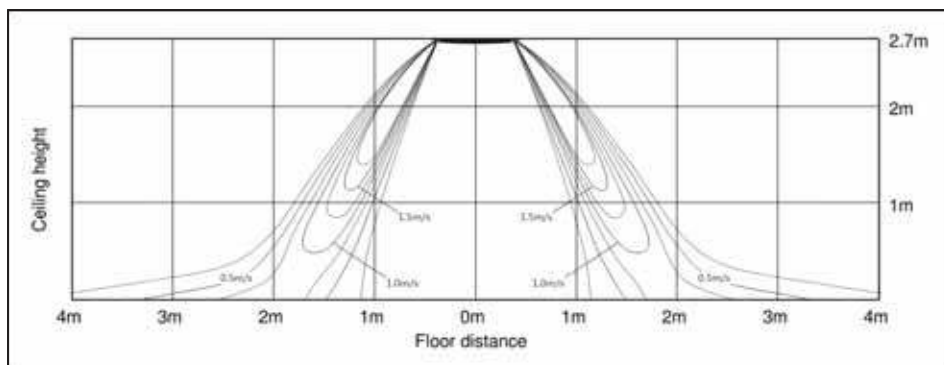
7 Temperature and air flow distribution

360 Cassette

AM112KN4DEH/EU

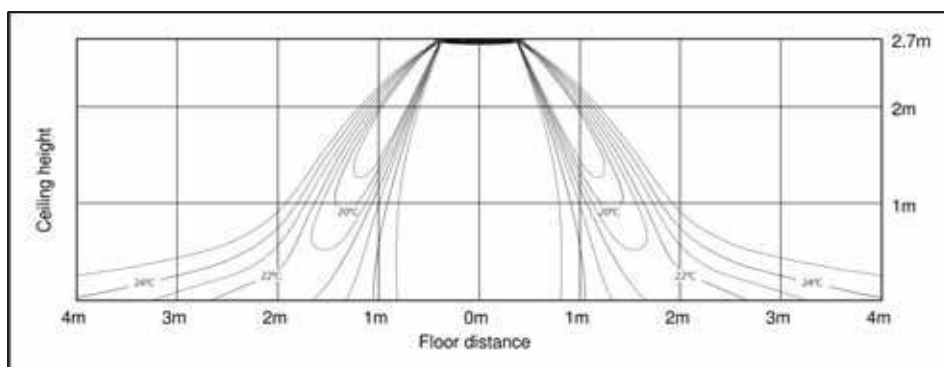
(1) Cooling air velocity distribution

Discharge angle : 60°



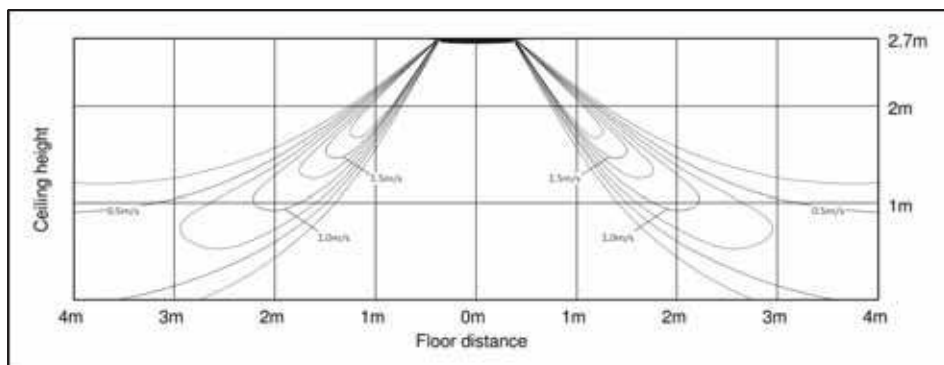
(2) Cooling temperature distribution

Discharge angle : 60°



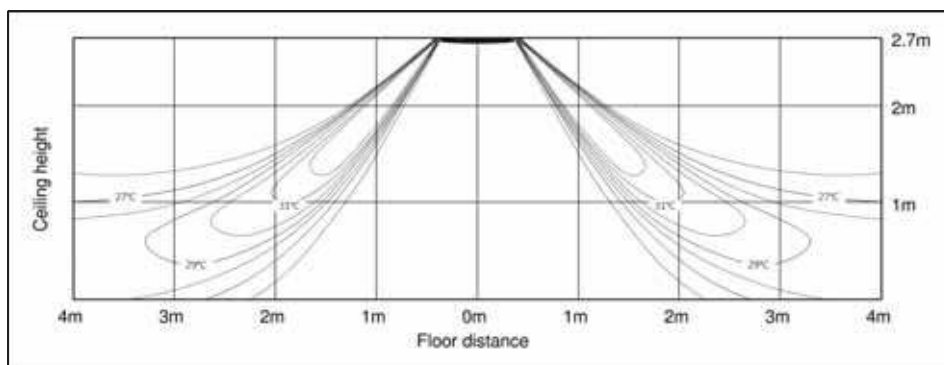
(3) Heating air velocity distribution

Discharge angle : 60°



(4) Heating temperature distribution

Discharge angle : 60°



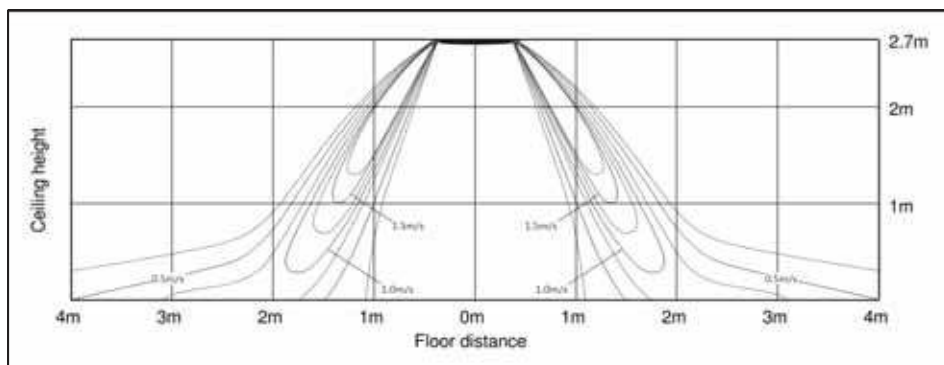
7 Temperature and air flow distribution

360 Cassette

AM128KN4DEH/EU

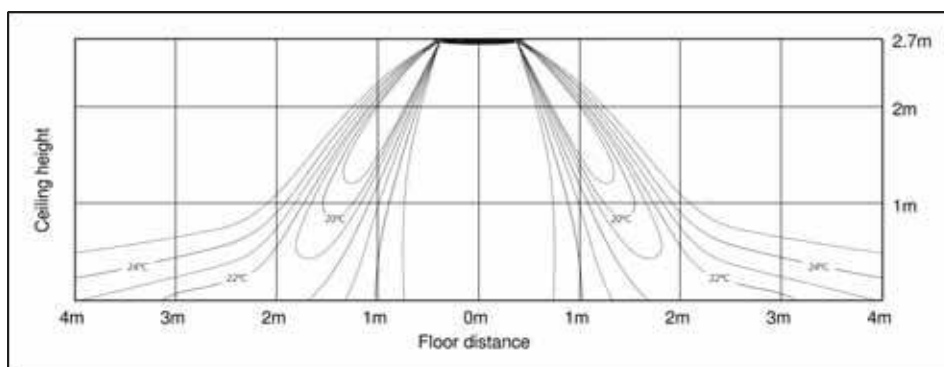
(1) Cooling air velocity distribution

Discharge angle : 60°



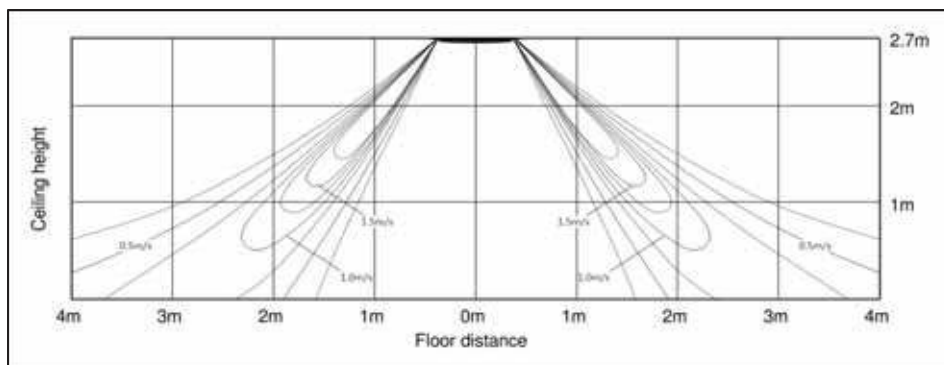
(2) Cooling temperature distribution

Discharge angle : 60°



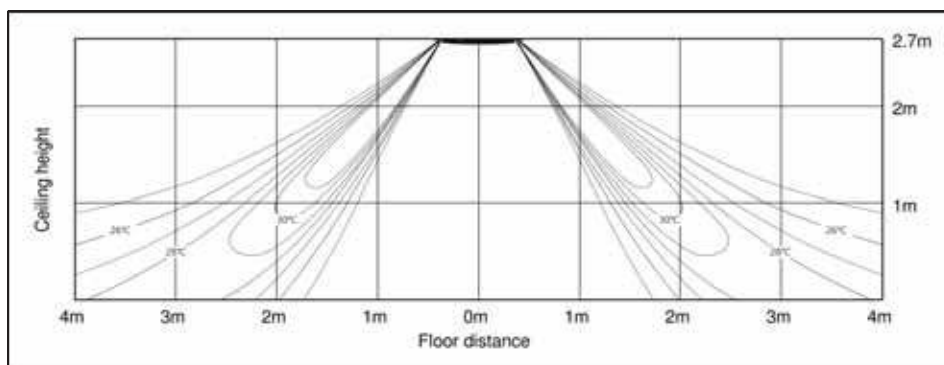
(3) Heating air velocity distribution

Discharge angle : 60°



(4) Heating temperature distribution

Discharge angle : 60°



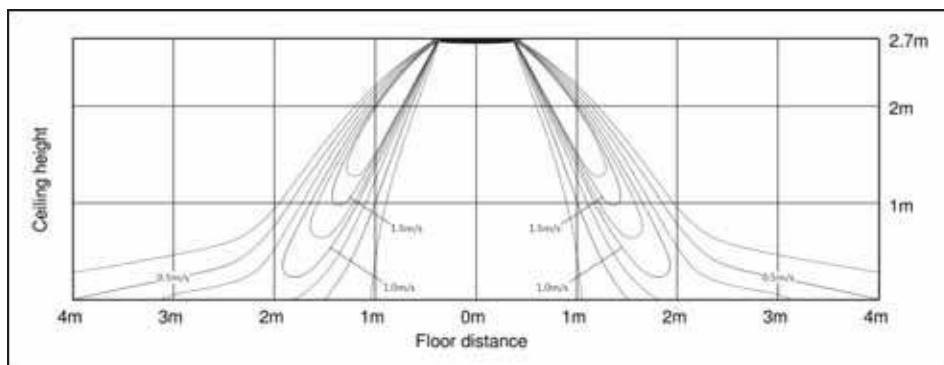
7 Temperature and air flow distribution

360 Cassette

AM140KN4DEH/EU

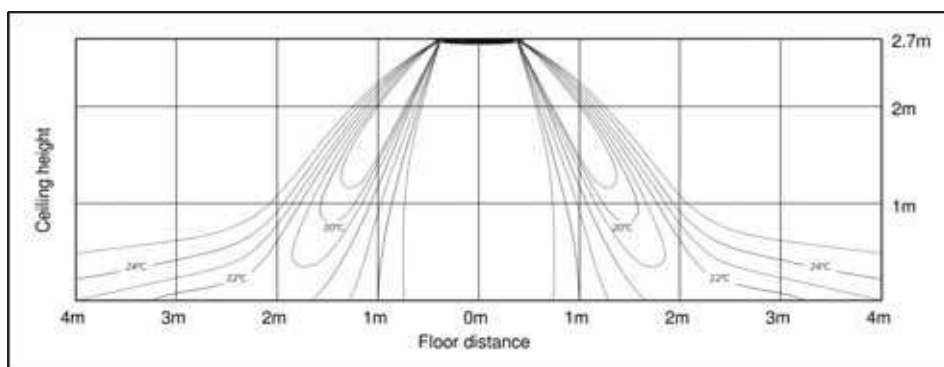
(1) Cooling air velocity distribution

Discharge angle : 60°



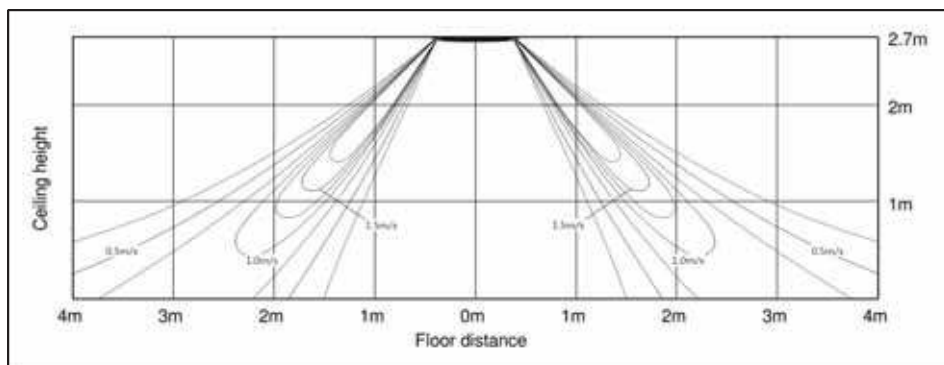
(2) Cooling temperature distribution

Discharge angle : 60°



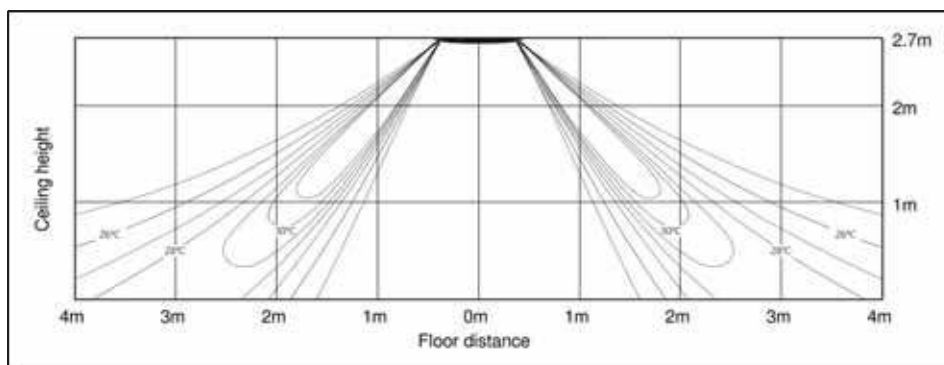
(3) Heating air velocity distribution

Discharge angle : 60°



(4) Heating temperature distribution

Discharge angle : 60°



SAMSUNG

2020.07
Ver. 3.4

Samsung Electronics Co., LTD.

Head Office (Suwon Korea) 129, Samsung-Ro, Yeongtong-Gu, Suwon City, Gyeonggi-Do, Korea 16677
Website : www.samsung.com btsp.samsungsbn.com Email : airconditioner@samsung.com
Images and data in this book may subject to change without prior notice.

SAMSUNG