

FJM

Technical Data Book

Free Joint Multi IDU,ODU for NA (R410A, 60Hz, HP)

SAMSUNG

History

Version	Modification	Date	Remark
Ver.1.0	Release FJM IDU,ODU for North America (R410A, 60Hz, HP) TDB	15.02.11	-
Ver.1.1	Modify for EEV not Incuded, Shipping dimension	16.10.17	-
Ver.1.2	Modify the recommended operation range(PQ curve) of Slim duct	17.01.05	-

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1 Nomenclature

Outdoor Units

Model Names

AJ	020	J	C	J	2	C	H	/	AA
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		Buyer

(1) Model

AJ	FJM
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(2) Capacity

X 1,000 Btu/h (3 digits)

(3) Version

H	2014
J	2015
K	2016

(4) Product Type

B	Indoor Unit
C	Outdoor Unit

(5) Product Notation

J	Free Joint Multi
P	Pack Multi
H	DVM Home

(6) Max. Room No.

2	2 Rooms
3	3 Rooms
5	5 Rooms

(7) Rating voltage

C	208~230V, 60Hz
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(8) Mode

C	Cooling Only
H	Heat Pump

1 Nomenclature

Indoor Units

Model Names

AJ	007	J	N	A	D	C	H	/	AA
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		Buyer

(1) Product

AJ	FJM
----	-----

(2) Capacity

X 1,000 Btu/h (3 digits)

(3) Version

H	2014
J	2015
K	2016

(4) Product Type

N	Indoor Unit
X	Outdoor Unit

(5) Product Notation

A	A3050
N	Mini 4Way
L	Slim Duct

(6) Feature

D	Deluxe
S	Standard
P	Premium

(7) Rating Voltage

C	208~230V, 60Hz
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(8) Mode

C	Cooling Only
H	Heat Pump

2 Specifications

Outdoor

Type			Free Joint Multi	Free Joint Multi	Free Joint Multi	
Model Name			AJ020JCJ2CH/AA	AJ024JCJ3CH/AA	AJ036JCJ5CH/AA	
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	
Mode			-	HP	HP	
Performance	Ton		TON	1.42	1.83	3.00
		Capacity (Nominal)	Cooling	kW	4.98	6.45
	Btu/h			17,000	22,000	36,000
	Heating		US RT	1.42	1.83	3.00
			kW	6.45	7.33	11.72
	Btu/h	22,000	25,000	40,000		
US RT	1.83	2.08	3.33			
Power	Power Input	Cooling	kW	1.39	1.82	3.60
		Heating		1.73	1.78	3.15
	Current Input	Cooling	A	6.70	8.70	16.50
		Heating		8.30	8.50	15.10
	MCA	A	11.00 (MCA)	16.90 (MCA)	18.20 (MCA)	
	MFA	A	15	25	30	
COP						
Nominal Cooling			-	3.58	3.54	2.93
Nominal Cooling (US)			-	12.20	12.10	10.00
Nominal Heating			-	3.73	4.12	3.72
Compressor	Type		-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Output		kW x n	1.79	2.45	9.17
	Model Name		-	UG4T200FUAE4DO	G8T260FUAEW	UG8T300FUBJUSG
	Oil	Type	-	POE	POE	POE
Fan	Type		-	Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC
	Output x n		W	124 x 1	124 x 1	125 x 1
	Air Flow Rate		CFM	1,448.0	1,468.4	2,210.2
	External Static Pressure	Max.	mmAq	-	-	-
			In Wg	-	-	-
Piping Connections	Liquid Pipe		Ø, mm	6.35 x 2	6.35 x 3	6.35 x 5
			Ø, inch	1/4" x 2	1/4" x 3	1/4" x 5
	Gas Pipe		Ø, mm	9.52 x 2	9.52 x 2 + 12.70	9.52 x 2 + 12.70 x 3
			Ø, inch	3/8" x 2	3/8" x 2 + 1/2"	3/8" x 2 + 1/2" x 3
	Installation Limitation	Max. Length	m	25	25	25
			ft	82	82	82
		Max. Height	m	15	15	15
			ft	49	49	49
Field Wiring	Power Source Wire		-	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		-	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	2.20	2.80	3.30
			lbs	4.85	6.17	7.28
Sound	Pressure		dB(A)	48.0	49.0	54.0
	Power			63.0	63.0	70.0
External Dimension	New Weight		kg	57.3	65.0	74.5
			lbs	126.32	143.30	164.24
	Shipping Weight		kg	61.3	70.0	80.0
			lbs	135.14	154.32	176.37
	Net Dimensions (WxHxD)		mm	880 x 798 x 310	880 x 798 x 310	940 x 998 x 330
			inch	34.65 x 31.42 x 12.20	34.65 x 31.42 x 12.20	37.01 x 39.29 x 12.99
	Shipping Dimensions (WxHxD)		mm	1,023 x 911 x 413	1,023 x 911 x 413	995 x 1,096 x 426
inch			40.28 x 35.87 x 16.26	40.28 x 35.87 x 16.26	39.17 x 43.15 x 16.77	
Operating Temp. Range	Cooling		°C	-5.0 ~ 46.0	-5.0 ~ 46.0	-10.0 ~ 46.0
			°F	23.0 ~ 114.8	23.0 ~ 114.8	14.0 ~ 114.8
	Heating		°C	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0
			°F	5.0 ~ 75.2	5.0 ~ 75.2	5.0 ~ 75.2

- All figures comply with EN14511

- Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB, Refrigerant piping : 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, Refrigerant piping : 5m, Level differences : 0m

- Fan speed : Ultra Turbo/ Turbo / High / Medium / Low / Quiet

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

- Specifications may be subject to change without prior notice.

3 Specifications

4 Way Cassette(600 x 600)

Type			4Way Cassette (600 x 600)	4Way Cassette (600 x 600)	4Way Cassette (600 x 600)	
Model Name			AJ009JNNDCH/AA	AJ012JNNDCH/AA	AJ018JNNDCH/AA	
Power Supply		Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	
Mode			-	HP	HP	
Performance	Ton	Ton	0.74	0.99	1.48	
		kW	2.61	3.49	5.19	
	Capacity (Nominal)	Cooling	Btu/h	8,900	11,900	17,700
			US RT	0.74	0.99	1.48
		Heating	kW	2.90	3.81	5.60
			Btu/h	9,900	13,000	19,100
US RT	0.82	1.08	1.59			
Power	Power Input (Nominal)	Cooling	19.00	22.00	28.00	
		Heating	19.00	22.00	28.00	
	Current Input (Nominal)	Cooling	0.51	0.52	0.53	
		Heating	0.51	0.52	0.53	
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	
		Output x n	W	65 x 1	65 x 1	
	Air Flow	H/M/L	CFM	349.63 / 289.59 / 243.68	377.88 / 317.84 / 261.34	377.88 / 317.84 / 261.34
		External Pressure	Min / Std / Max	Pa	-	-
	In Wg	-	-	-		
Piping Connections	Liquid Pipe	Ø, mm	6.35	6.35	6.35	
		Ø, inch	1/4"	1/4"	1/4"	
	Gas Pipe	Ø, mm	9.52	9.52	12.70	
		Ø, inch	3/8"	3/8"	1/2"	
	Drain Pipe	Ø, inch	ID 0.98 HOSE	ID 0.98 HOSE	ID 0.98 HOSE	
Field Wiring	Power Source Wire		-	1.0	1.0	
	Transmission Cable		-	0.75 - 1.00	0.75 - 1.00	
Refrigerant	Type		-	R410A	R410A	
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound	Pressure	High/Low	dBA	33.0 / 27.0	35.0 / 27.0	
	Power	Cooling		47.0	47.0	
Dimension	Net Weight	kg	11.00	11.00	11.70	
		lbs	24.25	24.25	25.79	
	Shipping Weight	kg	13.00	13.00	13.70	
		lbs	28.66	28.66	30.20	
	Net Dimensions (WxHxD)	mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	
		inch	22.64 x 9.84 x 22.64	22.64 x 9.84 x 22.64	22.64 x 9.84 x 22.64	
Shipping Dimensions (WxHxD)	mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653		
	inch	24.53 x 11.73 x 25.71	24.53 x 11.73 x 25.71	24.53 x 11.73 x 25.71		
Panel Size	Panel Model		-	PC4SUSMB / PC4SUSMF	PC4SUSMB / PC4SUSMF	
	Panel New Weight	kg	2.70	2.70	2.70	
		lbs	5.95	5.95	5.95	
	Shipping Weight	kg	4.20	4.20	4.20	
		lbs	9.26	9.26	9.26	
	Net Dimensions (WxHxD)	mm	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	
		inch	26.38 x 1.77 x 26.38	26.38 x 1.77 x 26.38	26.38 x 1.77 x 26.38	
Shipping Dimensions (WxHxD)	mm	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724		
	inch	28.11 x 4.17 x 28.50	28.11 x 4.17 x 28.50	28.11 x 4.17 x 28.50		
Additional Accessories	Drain Pump	Drain Pump	- / Model	-	-	
		Max. lifting Height / Displacement	mm / liter / h	-	-	
	Air Filter		-	-	-	

- All figures comply with EN14511

- Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB, Refrigerant piping : 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, Refrigerant piping : 5m, Level differences : 0m

- Fan speed : Ultra Turbo/ Turbo / High / Medium / Low / Quiet

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

- Specifications may be subject to change without prior notice.

3 Specifications

Slim Duct

Type			Slim Duct		Slim Duct		Slim Duct	
Model Name			AJ009JNLDCH/AA		AJ012JNLDCH/AA		AJ018JNLDCH/AA	
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HP	HP	HP	HP	HP
Performance	Ton		Ton	0.75	1.00	1.50	1.50	1.50
		Capacity (Nominal)	Cooling	kW	2.64	3.52	5.28	5.28
	Btu/h			9,000	12,000	18,000	18,000	18,000
	Heating		US RT	0.75	1.00	1.50	1.50	1.50
			kW	2.93	3.81	5.57	5.57	5.57
	Btu/h	10,000	13,000	19,000	19,000	19,000		
US RT	0.83	1.08	1.58	1.58	1.58			
Power	Power Input (Nominal)	Cooling	W	76.00	76.00	150.00	150.00	150.00
		Heating	W	76.00	76.00	150.00	150.00	150.00
	Current Input (Nominal)	Cooling	A	0.35	0.35	0.69	0.69	0.69
		Heating	A	0.35	0.35	0.69	0.69	0.69
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output x n	W	25 x 1	25 x 1	25 x 1	25 x 1	25 x 1
	Air Flow	H/M/L	CFM	293.12 / 317.84 / 342.56	346.10 / 353.15 / 374.34	522.68 / 547.38 / 582.70	522.68 / 547.38 / 582.70	522.68 / 547.38 / 582.70
	External Pressure	Min / Std / Max	Pa	0.00 / 19.60 / 39.20	0.00 / 19.60 / 39.20	0.00 / 19.60 / 39.20	0.00 / 19.60 / 39.20	0.00 / 19.60 / 39.20
In Wg			0.00 / 0.08 / 0.16	0.00 / 0.08 / 0.16	0.00 / 0.08 / 0.16	0.00 / 0.08 / 0.16	0.00 / 0.08 / 0.16	
Piping Connections	Liquid Pipe		Ø, mm	6.35	6.35	6.35	6.35	6.35
			Ø, inch	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas Pipe		Ø, mm	9.52	9.52	12.70	12.70	12.70
			Ø, inch	3/8"	3/8"	1/2"	1/2"	1/2"
Drain Pipe		Ø, inch	ID 0.98 HOSE	ID 0.98 HOSE	ID 0.98 HOSE	ID 0.98 HOSE	ID 0.98 HOSE	
Field Wiring	Power Source Wire		-	1.0	1.0	1.0	1.0	1.0
	Transmission Cable		-	0.75 - 1.50	0.75 - 1.50	0.75 - 1.50	0.75 - 1.50	0.75 - 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Pressure	High/Low	dBA	30.0 / 25.0	32.0 / 27.0	33.0 / 30.0	33.0 / 30.0	33.0 / 30.0
	Power	Cooling		-	-	-	-	-
Dimension	Net Weight		kg	23.30	23.30	29.00	29.00	29.00
			lbs	51.37	51.37	63.93	63.93	63.93
	Shipping Weight		kg	29.00	29.00	35.30	35.30	35.30
			lbs	63.93	63.93	77.82	77.82	77.82
	Net Dimensions (WxHxD)		mm	900 x 199 x 600	900 x 199 x 600	1,100 x 199 x 600	1,100 x 199 x 600	1,100 x 199 x 600
			inch	35.43 x 7.83 x 23.62	35.43 x 7.83 x 23.62	43.31 x 7.83 x 23.62	43.31 x 7.83 x 23.62	43.31 x 7.83 x 23.62
Shipping Dimensions (WxHxD)		mm	1,151 x 280 x 709	1,151 x 280 x 709	1,351 x 280 x 709	1,351 x 280 x 709	1,351 x 280 x 709	
		inch	45.31 x 11.02 x 27.91	45.31 x 11.02 x 27.91	53.19 x 11.02 x 27.91	53.19 x 11.02 x 27.91	53.19 x 11.02 x 27.91	
Panel Size	Panel Model		-	-	-	-	-	-
	Panel New Weight		kg	-	-	-	-	-
			lbs	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
			lbs	-	-	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-	-	-
inch			-	-	-	-	-	
Shipping Dimensions (WxHxD)		mm	-	-	-	-	-	
		inch	-	-	-	-	-	
Additional Accessories	Drain Pump	Drain Pump	- / Model	MDP-E075SEE3	MDP-E075SEE3	MDP-E075SEE3	MDP-E075SEE3	MDP-E075SEE3
		Max. lifting Height / Displacement	mm / liter / h	-	-	-	-	-
	Air Filter		-	-	-	-	-	-

- All figures comply with EN14511

- Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB, Refrigerant piping : 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, Refrigerant piping : 5m, Level differences : 0m

- Fan speed : Ultra Turbo/ Turbo / High / Medium / Low / Quiet

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

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3 Specifications

AR 5000

Type			AR5000	AR5000	AR5000	
Model Name			AJ007JNADCH/AA	AJ009JNADCH/AA	AJ012JNADCH/AA	
Power Supply		Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	
Mode			HP	HP	HP	
Performance	Ton		0.58	0.75	1.00	
			kW	2.05	2.64	3.52
	Capacity (Nominal)	Cooling	Btu/h	7,000	9,000	12,000
			US RT	0.58	0.75	1.00
		Heating	kW	2.20	3.19	4.10
			Btu/h	7,500	10,900	14,000
	US RT	0.62	0.91	1.17		
Power	Power Input (Nominal)	Cooling	W	30.00	30.00	
		Heating	W	30.00	30.00	
	Current Input (Nominal)	Cooling	A	0.30	0.30	
		Heating	A	0.30	0.30	
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	
		Output x n	W	27 x 1	27 x 1	
	Air Flow	H/M/L	CFM	296.65 / 261.34 / 247.21	353.16 / 300.19 / 264.87	
	External Pressure	Min / Std / Max	Pa	-	-	
			In Wg	-	-	
Piping Connections	Liquid Pipe	Ø, mm	6.35	6.35		
		Ø, inch	1/4"	1/4"		
	Gas Pipe	Ø, mm	9.52	9.52		
		Ø, inch	3/8"	3/8"		
	Drain Pipe	Ø, inch	ID 0.71 HOSE	ID 0.71 HOSE		
Field Wiring	Power Source Wire	-	1.5 - 2.5	1.5 - 2.5		
	Transmission Cable	-	0.75 - 1.50	0.75 - 1.50		
Refrigerant	Type	-	R410A	R410A		
	Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED		
Sound	Pressure	Turbo/Low	dBA	38.0 / 18.0		
	Power	Cooling	dBA	54.0		
Dimension	Net Weight	kg	9.50	9.50		
		lbs	20.94	20.94		
	Shipping Weight	kg	11.30	11.30		
		lbs	24.91	24.91		
	Net Dimensions (WxHxD)	mm	826 x 261 x 261	826 x 261 x 261		
		inch	32.52 x 10.28 x 10.28	32.52 x 10.28 x 10.28		
	Shipping Dimensions (WxHxD)	mm	886 x 317 x 335	886 x 317 x 335		
inch		34.88 x 12.48 x 13.19	34.88 x 12.48 x 13.19			
Panel Size	Panel Model	-	-	-		
	Panel New Weight	kg	-	-		
		lbs	-	-		
	Shipping Weight	kg	-	-		
		lbs	-	-		
	Net Dimensions (WxHxD)	mm	-	-		
		inch	-	-		
Shipping Dimensions (WxHxD)	mm	-	-			
	inch	-	-			
Additional Accessories	Drain Pump	Drain Pump	- / Model	-		
		Max. lifting Height / Displacement	mm / liter / h	-		
	Air Filter	-	-	-		

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- Nominal heating capacities are based on;

Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB, Refrigerant piping : 5m, Level differences : 0m

- Fan speed : Ultra Turbo/ Turbo / High / Medium / Low / Quiet

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3 Specifications

AR 7000

Type			AR7000	AR7000	
Model Name			AJ018JNADCH/AA	AJ024JNADCH/AA	
Power Supply		Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	
Mode			-	HP	
Performance	Ton	Ton	1.42	1.83	
		kW	5.01	6.45	
	Capacity (Nominal)	Cooling	Btu/h	17,100	22,000
			US RT	1.42	1.83
		Heating	kW	5.86	7.47
			Btu/h	20,000	25,500
US RT	1.67	2.12			
Power	Power Input (Nominal)	Cooling	W	50.00	
		Heating	W	50.00	
	Current Input (Nominal)	Cooling	A	0.40	
		Heating	A	0.40	
Fan	Motor	Type	-	Cross flow Fan	
		Output x n	W	27 x 1	
	Air Flow	H/M/L	CFM	600.37 / 494.42 / 459.11	635.69 / 494.42 / 423.79
	External Pressure	Min / Std / Max	Pa	-	-
			In Wg	-	-
Piping Connections	Liquid Pipe	Ø, mm	6.35	6.35	
		Ø, inch	1/4"	1/4"	
	Gas Pipe	Ø, mm	12.70	15.88	
		Ø, inch	1/2"	5/8"	
	Drain Pipe	Ø, inch	ID 0.71 HOSE	ID 0.71 HOSE	
Field Wiring	Power Source Wire	-	1.5 - 2.5	1.5 - 2.5	
	Transmission Cable	-	0.75 - 1.50	0.75 - 1.50	
Refrigerant	Type	-	R410A	R410A	
	Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound	Pressure	Turbo/Low	dBA	42.0 / 20.0	
	Power	Cooling	dBA	58.0	
Dimension	Net Weight	kg	13.20	14.10	
		lbs	29.10	31.09	
	Shipping Weight	kg	15.40	16.10	
		lbs	33.95	35.49	
	Net Dimensions (WxHxD)	mm	1,065 x 301 x 294	1,065 x 301 x 294	
		inch	41.93 x 11.85 x 11.57	41.93 x 11.85 x 11.57	
	Shipping Dimensions (WxHxD)	mm	1,123 x 354 x 384	1,123 x 354 x 384	
		inch	44.21 x 13.94 x 15.12	44.21 x 13.94 x 15.12	
Panel Size	Panel Model	-	-	-	
	Panel New Weight	kg	-	-	
		lbs	-	-	
	Shipping Weight	kg	-	-	
		lbs	-	-	
	Net Dimensions (WxHxD)	mm	-	-	
		inch	-	-	
	Shipping Dimensions (WxHxD)	mm	-	-	
inch		-	-		
Additional Accessories	Drain Pump	Drain Pump	- / Model	-	
		Max. lifting Height / Displacement	mm / liter / h	-	
	Air Filter	-	-	-	

- All figures comply with EN14511

- Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB, Refrigerant piping : 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, Refrigerant piping : 5m, Level differences : 0m

- Fan speed : Ultra Turbo/ Turbo / High / Medium / Low / Quiet

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

- Specifications may be subject to change without prior notice.

4 Combination tables

AJ020JCJ2CH/AA Cooling (Ducted)

Outdoor Unit	Indoor Index					Cooling Capacity					Capacity			Power Consumption			Current			EER
	A	B	C	D	E	MBH					MBH			kW			A			
						A	B	C	D	E	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
1 Unit	9					9.00					5.50	9.00	9.00	0.45	0.83	0.83	2.20	4.00	4.00	10.84
	12					12.00					5.50	12.00	12.00	0.45	1.14	1.14	2.20	5.50	5.50	10.53
2 Unit	9	9				8.50	8.50				6.50	17.00	17.00	0.46	1.53	1.53	2.20	7.30	7.30	11.11
	9	12				7.10	9.90				6.50	17.00	17.00	0.46	1.53	1.53	2.20	7.30	7.30	11.11
	12	12				8.50	8.50				6.50	17.00	17.00	0.46	1.53	1.53	2.20	7.30	7.30	11.11

Heating (Ducted)

Outdoor Unit	Indoor Index					Cooling Capacity					Capacity			Power Consumption			Current			COP
	A	B	C	D	E	MBH					MBH			kW			A			
						A	B	C	D	E	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
1 Unit	9					10.90					3.50	10.90	13.50	0.45	1.26	2.00	2.20	6.00	9.60	2.54
	12					14.00					3.50	14.00	15.00	0.45	1.56	2.43	2.20	7.50	11.60	2.63
2 Unit	9	9				11.00	11.00				3.50	22.00	25.30	0.40	1.85	2.29	1.90	8.90	11.00	3.49
	9	12				9.80	12.20				3.50	22.00	25.50	0.40	1.85	2.29	1.90	8.90	11.00	3.49
	12	12				11.00	11.00				3.50	22.00	25.80	0.40	1.85	2.29	1.90	8.90	11.00	3.49

4 Combination tables

AJ020JCJ2CH/AA Cooling (Non Ducted)

Outdoor Unit	Indoor Index					Cooling Capacity					Capacity			Power Consumption			Current			EER
	A	B	C	D	E	MBH					MBH			kW			A			
						A	B	C	D	E	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
1 Unit	7					7.00					5.50	7.00	7.00	0.45	0.68	0.68	2.20	3.30	3.30	10.29
	9					9.00					5.50	9.00	9.00	0.45	0.82	0.82	2.20	3.90	3.90	10.98
	12					12.00					5.50	12.00	12.00	0.45	1.12	1.12	2.20	5.40	5.40	10.71
2 Unit	7	7				7.00	7.00				6.50	14.00	14.00	0.46	1.17	1.17	2.20	5.60	5.60	11.97
	7	9				7.10	8.90				6.50	16.00	16.00	0.46	1.27	1.27	2.20	6.10	6.10	12.60
	7	12				6.20	10.80				6.50	17.00	17.00	0.46	1.39	1.39	2.20	6.70	6.70	12.23
	9	9				8.50	8.50				6.50	17.00	17.00	0.46	1.39	1.39	2.20	6.70	6.70	12.23
	9	12				7.10	9.90				6.50	17.00	17.00	0.46	1.39	1.39	2.20	6.70	6.70	12.23
	12	12				8.50	8.50				6.50	17.00	17.00	0.46	1.39	1.39	2.20	6.70	6.70	12.23

Heating (Non Ducted)

Outdoor Unit	Indoor Index					Cooling Capacity					Capacity			Power Consumption			Current			COP
	A	B	C	D	E	MBH					MBH			kW			A			
						A	B	C	D	E	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
1 Unit	7					7.50					3.50	7.50	8.00	0.45	0.90	1.45	2.20	4.30	6.90	2.44
	9					10.90					3.50	10.90	13.50	0.45	1.21	1.97	2.20	5.80	9.40	2.64
	12					14.00					3.50	14.00	15.00	0.45	1.46	2.38	2.20	7.00	11.40	2.81
2 Unit	7	7				7.50	7.50				3.50	15.00	21.80	0.40	1.17	1.82	1.90	5.60	8.70	3.76
	7	9				7.50	10.90				3.50	18.40	26.40	0.40	1.41	2.16	1.90	6.70	10.30	3.83
	7	12				7.60	13.90				3.50	21.50	24.70	0.40	1.73	2.18	1.90	8.30	10.40	3.64
	9	9				11.00	11.00				3.50	22.00	25.30	0.40	1.73	2.23	1.90	8.30	10.70	3.73
	9	12				9.80	12.20				3.50	22.00	25.50	0.40	1.73	2.25	1.90	8.30	10.80	3.73
	12	12				11.00	11.00				3.50	22.00	25.80	0.40	1.76	2.27	1.90	8.40	10.90	3.66

4 Combination tables

AJ024JCJ3CH/AA Cooling (Ducted)

Outdoor Unit	Indoor Index					Cooling Capacity					Capacity			Power Consumption			Current			EER
	A	B	C	D	E	MBH					MBH			kW			A			
						A	B	C	D	E	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
1 Unit	9					9.00					6.50	9.00	9.00	0.54	0.84	0.84	2.60	4.00	4.00	10.71
	12					12.00					6.50	12.00	12.00	0.54	1.24	1.24	2.60	5.90	5.90	9.68
	18					17.10					7.50	17.10	17.10	0.55	1.72	1.72	2.60	8.20	8.20	9.94
2 Unit	9	9				9.00	9.00				7.50	18.00	18.00	0.55	1.66	1.66	2.60	7.90	7.90	10.84
	9	12				8.30	11.70				7.50	20.00	20.00	0.55	1.92	1.92	2.60	9.20	9.20	10.42
	9	18				6.70	13.30				7.50	20.00	20.00	0.55	1.99	1.99	2.60	9.50	9.50	10.05
	12	12				10.00	10.00				7.50	20.00	20.00	0.55	1.92	1.92	2.60	9.20	9.20	10.42
	12	18				8.20	11.80				7.50	20.00	20.00	0.55	2.03	2.03	2.60	9.70	9.70	9.85
3 Unit	9	9	9			7.40	7.30	7.30			7.50	22.00	22.00	0.55	2.18	2.18	2.60	10.40	10.40	10.09
	9	9	12			6.50	6.50	9.00			7.50	22.00	22.00	0.55	2.18	2.18	2.60	10.40	10.40	10.09

Heating (Ducted)

Outdoor Unit	Indoor Index					Cooling Capacity					Capacity			Power Consumption			Current			COP
	A	B	C	D	E	MBH					MBH			kW			A			
						A	B	C	D	E	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
1 Unit	9					10.90					5.50	10.90	13.00	0.65	1.23	1.38	3.10	5.90	6.60	2.80
	12					14.00					5.50	14.00	14.00	0.65	1.42	1.50	3.10	6.80	7.20	2.89
	18					20.00					5.50	20.00	20.00	0.65	2.03	2.40	3.10	9.70	11.50	2.89
2 Unit	9	9				11.00	11.00				4.80	22.00	28.30	0.46	1.84	2.61	2.20	8.80	12.50	3.50
	9	12				10.20	12.80				4.80	23.00	29.70	0.46	1.97	3.02	2.20	9.40	14.40	3.42
	9	18				8.20	15.30				4.80	23.50	28.80	0.46	1.80	2.98	2.20	8.60	14.30	3.83
	12	12				11.50	11.50				4.80	23.00	30.10	0.46	1.97	3.06	2.20	9.40	14.60	3.42
	12	18				9.40	14.10				4.80	23.50	29.20	0.46	1.83	3.02	2.20	8.80	14.40	3.76
3 Unit	9	9	9			8.40	8.30	8.30			4.30	25.00	29.20	0.39	1.81	3.03	1.90	8.70	14.50	4.05
	9	9	12			7.70	7.70	9.60			4.30	25.00	29.60	0.39	1.81	3.03	1.90	8.70	14.50	4.05

4 Combination tables

AJ024JCJ3CH/AA Cooling (Non Ducted)

Outdoor Unit	Indoor Index					Cooling Capacity					Capacity			Power Consumption			Current			EER
	A	B	C	D	E	MBH					MBH			kW			A			
						A	B	C	D	E	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
1 Unit	7					7.00					6.50	7.00	7.00	0.54	0.65	0.65	2.60	3.10	3.10	10.77
	9					9.00					6.50	9.00	9.00	0.54	0.81	0.81	2.60	3.90	3.90	11.11
	12					12.00					6.50	12.00	12.00	0.54	1.07	1.07	2.60	5.10	5.10	11.22
2 Unit	18					17.10					7.50	17.10	17.10	0.55	1.59	1.59	2.60	7.60	7.60	10.76
	7	7				7.00	7.00				7.50	14.00	14.00	0.55	1.31	1.31	2.60	6.30	6.30	10.69
	7	9				7.10	8.90				7.50	16.00	16.00	0.55	1.46	1.46	2.60	7.00	7.00	10.96
	7	12				6.90	12.10				7.50	19.00	19.00	0.55	1.83	1.83	2.60	8.80	8.80	10.38
	7	18				5.70	14.30				7.50	20.00	20.00	0.55	1.80	1.80	2.60	8.60	8.60	11.11
	9	9				9.00	9.00				7.50	18.00	18.00	0.55	1.60	1.60	2.60	7.70	7.70	11.25
	9	12				8.30	11.70				7.50	20.00	20.00	0.55	1.87	1.87	2.60	8.90	8.90	10.70
	9	18				6.70	13.30				7.50	20.00	20.00	0.55	1.84	1.84	2.60	8.80	8.80	10.87
	12	12				10.00	10.00				7.50	20.00	20.00	0.55	1.78	1.78	2.60	8.50	8.50	11.24
	12	18				8.20	11.80				7.50	20.00	20.00	0.55	1.87	1.87	2.60	8.90	8.90	10.70
3 Unit	7	7	7			7.00	7.00	7.00			7.50	21.00	21.00	0.55	1.85	1.85	2.60	8.90	8.90	11.35
	7	7	9			6.80	6.80	8.40			7.50	22.00	22.00	0.55	1.89	1.89	2.60	9.00	9.00	11.64
	7	7	12			5.90	5.90	10.20			7.50	22.00	22.00	0.55	1.82	1.82	2.60	8.70	8.70	12.09
	7	9	9			6.20	7.90	7.90			7.50	22.00	22.00	0.55	1.82	1.82	2.60	8.70	8.70	12.09
	7	9	12			5.50	6.90	9.60			7.50	22.00	22.00	0.55	1.82	1.82	2.60	8.70	8.70	12.09
	9	9	9			7.40	7.30	7.30			7.50	22.00	22.00	0.55	1.82	1.82	2.60	8.70	8.70	12.09
	9	9	12			6.50	6.50	9.20			7.50	22.00	22.00	0.55	1.82	1.82	2.60	8.70	8.70	12.09

Heating (Non Ducted)

Outdoor Unit	Indoor Index					Cooling Capacity					Capacity			Power Consumption			Current			COP
	A	B	C	D	E	MBH					MBH			kW			A			
						A	B	C	D	E	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
1 Unit	7					7.50					5.50	7.50	11.80	0.65	0.97	1.18	3.10	4.60	5.60	2.27
	9					10.90					5.50	10.90	13.00	0.65	1.23	1.32	3.10	5.90	6.30	2.60
	12					14.00					5.50	14.00	14.00	0.65	1.44	1.40	3.10	6.90	6.70	2.85
2 Unit	18					20.00					5.50	20.00	20.00	0.65	1.90	1.90	3.10	9.10	9.10	3.09
	7	7				7.50	7.50				4.80	15.00	20.80	0.46	1.28	1.94	2.20	6.10	9.30	3.44
	7	9				7.50	10.90				4.80	18.40	24.60	0.46	1.54	2.26	2.20	7.40	10.80	3.50
	7	12				7.60	13.90				4.80	21.50	27.50	0.46	1.75	2.51	2.20	8.40	12.00	3.60
	7	18				6.30	17.20				4.80	23.50	28.40	0.46	1.74	2.77	2.20	8.30	13.30	3.96
	9	9				10.90	10.90				4.80	21.80	28.30	0.46	1.78	2.58	2.20	8.50	12.30	3.59
	9	12				10.20	12.80				4.80	23.00	29.70	0.46	1.92	2.89	2.20	9.20	13.80	3.51
	9	18				8.20	15.30				4.80	23.50	28.80	0.46	1.77	2.80	2.20	8.50	13.40	3.89
	12	12				11.50	11.50				4.80	23.00	30.10	0.46	1.96	2.93	2.20	9.40	14.00	3.44
	12	18				9.40	14.10				4.80	23.50	29.20	0.46	1.80	2.84	2.20	8.60	13.60	3.83
3 Unit	7	7	7			7.50	7.50	7.50			4.30	22.50	26.50	0.39	1.63	2.60	1.90	7.80	12.40	4.05
	7	7	9			6.80	6.80	9.90			4.30	23.50	28.00	0.39	1.75	2.74	1.90	8.40	13.10	3.94
	7	7	12			6.50	6.50	12.00			4.30	25.00	28.40	0.39	1.78	2.78	1.90	8.50	13.30	4.12
	7	9	9			6.40	9.30	9.30			4.30	25.00	28.80	0.39	1.78	2.81	1.90	8.50	13.40	4.12
	7	9	12			5.90	8.50	10.60			4.30	25.00	29.20	0.39	1.78	2.85	1.90	8.50	13.60	4.12
	9	9	9			8.40	8.30	8.30			4.30	25.00	29.20	0.39	1.78	2.85	1.90	8.50	13.60	4.12
	9	9	12			7.70	7.70	9.60			4.30	25.00	29.60	0.39	1.78	2.88	1.90	8.50	13.80	4.12

4 Combination tables

AJ036JCJ5CH/AA Cooling (Ducted)

Outdoor Unit	Indoor Index					Cooling Capacity					Capacity			Power Consumption			Current			EER
						MBH					MBH			kW			A			
	A	B	C	D	E	A	B	C	D	E	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
1 Unit	9					9.00					8.50	9.00	9.00	0.66	0.82	0.82	3.20	3.90	3.90	10.98
	12					12.00					8.50	12.00	12.00	0.66	1.17	1.17	3.20	5.60	5.60	10.26
	18					17.10					9.50	17.10	17.10	0.68	1.51	1.51	3.30	7.20	7.20	11.33
2 Unit	9	9				9.00	9.00				9.00	18.00	18.00	0.67	1.56	1.56	3.20	7.50	7.50	11.54
	9	12				8.80	12.20				9.00	21.00	21.00	0.67	1.80	1.80	3.20	8.60	8.60	11.67
	9	18				8.30	16.70				9.00	25.00	25.00	0.67	2.62	2.62	3.20	12.50	12.50	9.54
	12	12				12.00	12.00				9.00	24.00	24.00	0.67	2.18	2.18	3.20	10.40	10.40	11.01
	12	18				11.50	16.50				9.00	28.00	28.00	0.67	2.96	2.96	3.20	14.20	14.20	9.46
	18	18				16.30	16.20				9.00	32.50	32.50	0.67	3.55	3.55	3.20	17.00	17.00	9.16
3 Unit	9	9	9			8.90	8.80	8.80			9.50	26.50	26.50	0.60	2.37	2.37	2.90	11.30	11.30	11.18
	9	9	12			8.20	8.20	11.60			9.50	28.00	28.00	0.60	2.97	2.97	2.90	14.20	14.20	9.43
	9	9	18			8.10	8.10	16.30			9.50	32.50	32.50	0.60	3.56	3.56	2.90	17.00	17.00	9.13
	9	12	12			9.00	11.50	11.50			9.50	32.00	32.00	0.60	3.32	3.32	2.90	15.90	15.90	9.64
	9	12	18			7.40	10.30	14.80			9.50	32.50	32.50	0.60	3.60	3.60	2.90	17.20	17.20	9.03
	9	18	18			6.50	13.00	13.00			9.50	32.50	32.50	0.60	3.60	3.60	2.90	17.20	17.20	9.03
	12	12	12			10.80	10.80	10.90			9.50	32.50	32.50	0.60	3.60	3.60	2.90	17.20	17.20	9.03
12	12	18			9.50	9.50	13.50			9.50	32.50	32.50	0.60	3.60	3.60	2.90	17.20	17.20	9.03	
4 Unit	9	9	9	9		8.50	8.50	8.50	8.50		9.50	34.00	34.00	0.60	3.60	3.60	2.90	17.20	17.20	9.44
	9	9	9	12		7.70	7.70	7.70	10.90		9.50	34.00	34.00	0.60	3.40	3.40	2.90	16.30	16.30	10.00
	9	9	9	18		6.80	6.80	6.80	13.60		9.50	34.00	34.00	0.60	3.40	3.40	2.90	16.30	16.30	10.00
	9	9	12	12		7.10	7.10	9.90	9.90		9.50	34.00	34.00	0.60	3.40	3.40	2.90	16.30	16.30	10.00
	9	12	12	12		6.40	9.20	9.20	9.20		9.50	34.00	34.00	0.60	3.40	3.40	2.90	16.30	16.30	10.00
5 Unit	9	9	9	9	9	6.80	6.80	6.80	6.80	6.80	9.50	34.00	34.00	0.60	3.45	3.45	2.90	16.50	16.50	9.86

Heating (Ducted)

Outdoor Unit	Indoor Index					Cooling Capacity					Capacity			Power Consumption			Current			COP
						MBH					MBH			kW			A			
	A	B	C	D	E	A	B	C	D	E	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
1 Unit	9					10.90					7.60	10.90	13.50	0.69	1.12	1.39	3.30	5.40	6.70	2.85
	12					14.00					7.60	14.00	17.00	0.69	1.37	1.71	3.30	6.60	8.20	3.00
	18					20.00					7.60	20.00	24.00	0.69	1.91	2.46	3.30	9.10	11.80	3.07
2 Unit	9	9				11.00	11.00				7.60	22.00	26.40	0.45	1.83	2.70	2.20	8.80	12.90	3.52
	9	12				10.90	13.60				7.60	24.50	29.40	0.45	2.03	2.97	2.20	9.70	14.20	3.54
	9	18				10.70	19.70				7.60	30.40	31.60	0.45	2.77	3.16	2.20	13.30	15.10	3.22
	12	12				13.50	13.50				7.60	27.00	32.50	0.45	2.18	3.25	2.20	10.40	15.60	3.63
	12	18				12.90	19.10				7.60	32.00	32.80	0.45	2.89	3.27	2.20	13.80	15.60	3.25
18	18				17.60	17.50				7.60	35.10	36.20	0.45	3.21	3.63	2.20	15.40	17.40	3.21	
3 Unit	9	9	9			10.50	10.50	10.50			7.60	31.50	32.40	0.45	2.86	3.24	2.20	13.70	15.50	3.23
	9	9	12			10.00	10.00	12.50			7.60	32.50	33.70	0.45	2.94	3.35	2.20	14.10	16.00	3.24
	9	9	18			9.80	9.80	18.40			7.60	38.00	40.00	0.45	3.22	3.80	2.20	15.40	18.20	3.46
	9	12	12			9.60	12.00	12.00			7.60	33.60	34.90	0.45	3.03	3.46	2.20	14.50	16.60	3.25
	9	12	18			9.20	11.50	17.30			7.60	38.00	40.00	0.45	3.23	3.83	2.20	15.50	18.30	3.45
	9	18	18			8.00	15.00	15.00			7.60	38.00	40.00	0.45	3.37	3.90	2.20	16.10	18.70	3.31
	12	12	12			11.60	11.60	11.70			7.60	34.90	36.20	0.45	3.15	3.57	2.20	15.10	17.10	3.25
12	12	18			10.90	10.90	16.40			7.60	38.00	40.00	0.45	3.26	3.87	2.20	15.60	18.50	3.42	
4 Unit	9	9	9	9		10.00	10.00	10.00	10.00		7.60	40.00	42.00	0.45	3.23	3.84	2.20	15.50	18.40	3.63
	9	9	9	12		9.50	9.50	9.50	11.50		7.60	40.00	42.00	0.45	3.27	3.88	2.20	15.60	18.60	3.59
	9	9	9	18		8.20	8.20	8.20	15.40		7.60	40.00	42.00	0.45	3.30	3.81	2.20	15.80	18.20	3.55
	9	9	12	12		8.90	8.90	11.10	11.10		7.60	40.00	42.00	0.45	3.31	3.90	2.20	15.80	18.70	3.54
	9	12	12	12		8.50	10.50	10.50	10.50		7.60	40.00	42.00	0.45	3.31	3.90	2.20	15.80	18.70	3.54
5 Unit	9	9	9	9	9	8.00	8.00	8.00	8.00	8.00	7.60	40.00	44.00	0.45	3.31	3.85	2.20	15.80	18.40	3.54

4 Combination tables

AJ036JCJ5CH/AA Cooling (Non Ducted)

Outdoor Unit	Indoor Index					Cooling Capacity					Capacity			Power Consumption			Current			EER
	A	B	C	D	E	MBH					MBH			kW			A			
						A	B	C	D	E	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
1 Unit	7					7.00					8.50	7.00	7.00	0.66	0.72	0.72	3.20	3.40	3.40	9.72
	9					9.00					8.50	9.00	9.00	0.66	0.80	0.80	3.20	3.80	3.80	11.25
	12					12.00					8.50	12.00	12.00	0.66	1.09	1.09	3.20	5.20	5.20	11.01
	18					17.10					9.50	17.10	17.10	0.68	1.48	1.48	3.30	7.10	7.10	11.55
	24					22.00					9.50	22.00	22.00	0.68	2.05	2.05	3.30	9.80	9.80	10.73
2 Unit	7	7				7.00	7.00				9.00	14.00	14.00	0.67	1.29	1.29	3.20	6.20	6.20	10.85
	7	9				7.10	8.90				9.00	16.00	16.00	0.67	1.41	1.41	3.20	6.70	6.70	11.35
	7	12				6.90	12.10				9.00	19.00	19.00	0.67	1.67	1.67	3.20	8.00	8.00	11.38
	7	18				7.10	17.90				9.00	25.00	25.00	0.67	2.07	2.07	3.20	9.90	9.90	12.08
	7	24				7.00	24.00				9.00	31.00	31.00	0.67	3.00	3.00	3.20	14.40	14.40	10.33
	9	9				9.00	9.00				9.00	18.00	18.00	0.67	1.54	1.54	3.20	7.40	7.40	11.69
	9	12				8.80	12.20				9.00	21.00	21.00	0.67	1.80	1.80	3.20	8.60	8.60	11.67
	9	18				9.00	18.00				9.00	27.00	27.00	0.67	2.53	2.53	3.20	12.10	12.10	10.67
	9	24				8.60	23.40				9.00	32.00	32.00	0.67	3.18	3.18	3.20	15.20	15.20	10.06
	12	12				12.00	12.00				9.00	24.00	24.00	0.67	2.11	2.11	3.20	10.10	10.10	11.37
	12	18				12.40	17.60				9.00	30.00	30.00	0.67	2.88	2.88	3.20	13.80	13.80	10.42
	12	24				10.90	21.10				9.00	32.00	32.00	0.67	3.06	3.06	3.20	14.60	14.60	10.46
	18	18				16.00	16.00				9.00	32.00	32.00	0.67	3.43	3.43	3.20	16.40	16.40	9.33
	18	24				13.60	18.40				9.00	32.00	32.00	0.67	3.15	3.15	3.20	15.10	15.10	10.16
	3 Unit	7	7	7			7.00	7.00	7.00			9.50	21.00	21.00	0.60	1.83	1.83	2.90	8.80	8.80
7		7	9			7.10	7.10	8.80			9.50	23.00	23.00	0.60	1.95	1.95	2.90	9.30	9.30	11.80
7		7	12			6.90	6.90	12.10			9.50	26.00	26.00	0.60	2.54	2.54	2.90	12.20	12.20	10.24
7		7	18			7.10	7.10	17.80			9.50	32.00	32.00	0.60	3.08	3.08	2.90	14.70	14.70	10.39
7		7	24			6.50	6.50	22.00			9.50	35.00	35.00	0.60	3.60	3.60	2.90	17.20	17.20	9.72
7		9	9			7.10	8.90	8.90			9.50	25.00	25.00	0.60	2.08	2.08	2.90	10.00	10.00	12.02
7		9	12			7.00	8.80	12.30			9.50	28.00	28.00	0.60	2.72	2.72	2.90	13.00	13.00	10.29
7		9	18			7.20	8.90	17.90			9.50	34.00	34.00	0.60	3.27	3.27	2.90	15.60	15.60	10.40
7		9	24			6.20	7.70	21.10			9.50	35.00	35.00	0.60	3.60	3.60	2.90	17.20	17.20	9.72
7		12	12			6.90	12.10	12.10			9.50	31.00	31.00	0.60	3.06	3.06	2.90	14.60	14.60	10.13
7		12	18			6.70	11.70	16.70			9.50	35.00	35.00	0.60	3.60	3.60	2.90	17.20	17.20	9.72
7		12	24			5.70	10.00	19.30			9.50	35.00	35.00	0.60	3.60	3.60	2.90	17.20	17.20	9.72
7		18	18			5.80	14.60	14.60			9.50	35.00	35.00	0.60	3.60	3.60	2.90	17.20	17.20	9.72
9		9	9			9.00	9.00	9.00			9.50	27.00	27.00	0.60	2.54	2.54	2.90	12.20	12.20	10.63
9		9	12			8.80	8.80	12.40			9.50	30.00	30.00	0.60	2.89	2.89	2.90	13.80	13.80	10.38
9		9	18			8.50	8.50	17.00			9.50	34.00	34.00	0.60	3.44	3.44	2.90	16.50	16.50	9.88
9		9	24			7.40	7.40	20.20			9.50	35.00	35.00	0.60	3.60	3.60	2.90	17.20	17.20	9.72
9		12	12			9.00	12.50	12.50			9.50	34.00	34.00	0.60	3.25	3.25	2.90	15.60	15.60	10.46
9		12	18			8.00	11.10	15.90			9.50	35.00	35.00	0.60	3.60	3.60	2.90	17.20	17.20	9.72
9		12	24			6.80	9.60	18.60			9.50	35.00	35.00	0.60	3.60	3.60	2.90	17.20	17.20	9.72
9		18	18			7.00	14.00	14.00			9.50	35.00	35.00	0.60	3.60	3.60	2.90	17.20	17.20	9.72
12	12	12			11.70	11.70	11.40			9.50	35.00	35.00	0.60	3.60	3.60	2.90	17.20	17.20	9.72	
12	12	18			10.20	10.20	14.60			9.50	35.00	35.00	0.60	3.60	3.60	2.90	17.20	17.20	9.72	
4 Unit	7	7	7	7		7.00	7.00	7.00	7.00		9.50	28.00	28.00	0.60	2.75	2.75	2.90	13.20	13.20	10.18
	7	7	7	9		7.10	7.10	7.10	8.80		9.50	30.00	30.00	0.60	2.92	2.92	2.90	14.00	14.00	10.27
	7	7	7	12		6.90	6.90	6.90	12.20		9.50	33.00	33.00	0.60	3.28	3.28	2.90	15.70	15.70	10.06
	7	7	7	18		6.50	6.50	6.50	16.40		9.50	36.00	36.00	0.60	3.60	3.60	2.90	17.20	17.20	10.00
	7	7	7	24		5.60	5.60	5.60	19.10		9.50	36.00	36.00	0.60	3.60	3.60	2.90	17.20	17.20	10.00
	7	7	9	9		7.10	7.10	8.90	8.90		9.50	32.00	32.00	0.60	3.09	3.09	2.90	14.80	14.80	10.36
	7	7	9	12		7.00	7.00	8.80	12.30		9.50	35.00	35.00	0.60	3.45	3.45	2.90	16.50	16.50	10.15
	7	7	9	18		6.30	6.30	7.80	15.70		9.50	36.00	36.00	0.60	3.60	3.60	2.90	17.20	17.20	10.00
	7	7	12	12		6.50	6.50	11.50	11.50		9.50	36.00	36.00	0.60	3.60	3.60	2.90	17.20	17.20	10.00
	7	7	12	18		5.80	5.80	10.10	14.40		9.50	36.00	36.00	0.60	3.60	3.60	2.90	17.20	17.20	10.00
	7	9	9	9		7.20	8.90	8.90	8.90		9.50	34.00	34.00	0.60	3.28	3.28	2.90	15.70	15.70	10.37
	7	9	9	12		6.90	8.60	8.60	12.00		9.50	36.00	36.00	0.60	3.60	3.60	2.90	17.20	17.20	10.00
	7	9	9	18		6.00	7.50	7.50	15.00		9.50	36.00	36.00	0.60	3.60	3.60	2.90	17.20	17.20	10.00
	7	9	12	12		6.30	7.80	11.00	11.00		9.50	36.00	36.00	0.60	3.60	3.60	2.90	17.20	17.20	10.00
	7	12	12	12		5.80	10.10	10.10	10.10		9.50	36.00	36.00	0.60	3.60	3.60	2.90	17.20	17.20	10.00
	9	9	9	9		9.00	9.00	9.00	9.00		9.50	36.00	36.00	0.60	3.60	3.60	2.90	17.20	17.20	10.00
	9	9	9	12		8.20	8.20	8.20	11.40		9.50	36.00	36.00	0.60	3.60	3.60	2.90	17.20	17.20	10.00
	9	9	9	18		7.20	7.20	7.20	14.40		9.50	36.00	36.00	0.60	3.60	3.60	2.90	17.20	17.20	10.00
	9	9	12	12		7.50	7.50	10.50	10.50		9.50	36.00	36.00	0.60	3.60	3.60	2.90	17.20	17.20	10.00
	9	12	12	12		6.90	9.70	9.70	9.70		9.50	36.00	36.00	0.60	3.60	3.60	2.90	17.20	17.20	10.00
	5 Unit	7	7	7	7	7	7.00	7.00	7.00	7.00	7.00	9.50	35.00	35.00	0.60	3.45	3.45	2.90	16.50	16.50
7		7	7	7	9	6.90	6.90	6.90	6.90	8.60	9.50	36.00	36.00	0.60	3.45	3.45	2.90	16.50	16.50	10.44
7		7	7	7	12	6.30	6.30	6.30	6.30	11.00	9.50	36.00	36.00	0.60	3.45	3.45	2.90	16.50	16.50	10.44
7		7	7	9	9	6.50	6.50	6.50	8.20	8.20	9.50	36.00	36.00	0.60	3.45	3.45	2.90	16.50	16.50	10.44
7		7	7	9	12	6.00	6.00	6.00	7.50	10.50	9.50	36.00	36.00	0.60	3.45	3.45	2.90	16.50	16.50	10.44
7		7	7	12	12	5.50	5.50	5.50	9.70	9.70	9.50	36.00	36.00	0.60	3.45	3.45	2.90	16.50	16.50	10.44
7		7	9	9	9	6.30	6.30	7.80	7.80	7.80	9.50	36.00	36.00	0.60	3.45	3.45	2.90	16.50	16.50	10.44
7		7	9	9	12	5.80	5.80	7.20												

4 Combination tables

AJ036JCJ5CH/AA Heating (Non Ducted)

Outdoor Unit	Indoor Index					Cooling Capacity					Capacity			Power Consumption			Current			COP
	A	B	C	D	E	MBH					MBH			kW			A			
						A	B	C	D	E	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
1 Unit	7					7.50					7.50	7.50	8.00	0.69	0.84	1.05	3.30	4.00	5.00	2.62
	9					10.90					7.60	10.90	13.50	0.69	1.07	1.39	3.30	5.10	6.70	2.99
	12					14.00					7.60	14.00	17.00	0.69	1.29	1.72	3.30	6.20	8.20	3.18
	18					20.00					7.60	20.00	24.00	0.69	1.86	2.45	3.30	8.90	11.70	3.15
	24					25.50					7.60	25.50	25.50	0.69	2.38	2.38	3.30	11.40	11.40	3.14
2 Unit	7	7				7.90	7.90				7.60	15.80	18.30	0.45	1.39	1.93	2.20	6.70	9.20	3.33
	7	9				7.70	11.20				7.60	18.90	22.30	0.45	1.64	2.31	2.20	7.80	11.10	3.38
	7	12				7.60	13.80				7.60	21.40	25.40	0.45	1.86	2.60	2.20	8.90	12.40	3.37
	7	18				7.40	20.20				7.60	27.60	33.50	0.45	2.42	3.38	2.20	11.60	16.20	3.34
	7	24				6.90	24.90				7.60	31.80	33.30	0.45	2.72	3.27	2.20	13.00	15.60	3.43
	9	9				11.00	11.00				7.60	22.00	26.40	0.45	1.90	2.69	2.20	9.10	12.90	3.39
	9	12				10.90	13.60				7.60	24.50	29.40	0.45	2.12	2.98	2.20	10.10	14.30	3.39
	9	18				10.50	19.70				7.60	30.20	31.60	0.45	2.59	3.11	2.20	12.40	14.90	3.42
	9	24				9.50	23.80				7.60	33.30	34.90	0.45	2.84	3.42	2.20	13.60	16.40	3.44
	12	12				13.50	13.50				7.60	27.00	32.50	0.45	2.29	3.26	2.20	11.00	15.60	3.46
	12	18				12.70	19.10				7.60	31.80	32.80	0.45	2.71	3.22	2.20	13.00	15.40	3.44
	12	24				11.60	23.30				7.60	34.90	36.20	0.45	2.97	3.53	2.20	14.20	16.90	3.44
	18	18				17.50	17.50				7.60	34.90	36.20	0.45	2.98	3.54	2.20	14.30	16.90	3.43
	18	24				15.00	20.00				7.60	35.00	36.20	0.45	3.10	3.86	2.20	14.80	18.50	3.31
	3 Unit	7	7	7			7.50	7.50	7.50			7.60	22.60	26.90	0.45	1.97	2.77	2.20	9.40	13.30
7		7	9			7.50	7.50	10.90			7.60	25.80	31.00	0.45	2.23	3.15	2.20	10.70	15.10	3.39
7		7	12			7.40	7.40	13.50			7.60	28.30	34.00	0.45	2.48	3.44	2.20	11.90	16.50	3.34
7		7	18			6.80	6.80	18.60			7.60	32.30	33.70	0.45	2.78	3.33	2.20	13.30	15.90	3.41
7		7	24			6.70	6.70	24.50			7.60	38.00	40.00	0.45	3.06	3.79	2.20	14.60	18.10	3.64
7		9	9			7.40	10.80	10.80			7.60	28.90	35.00	0.45	2.52	3.53	2.20	12.10	16.90	3.36
7		9	12			7.20	10.50	13.10			7.60	30.70	32.00	0.45	2.64	3.16	2.20	12.60	15.10	3.41
7		9	18			6.50	9.50	17.80			7.60	33.90	35.30	0.45	2.91	3.48	2.20	13.90	16.70	3.41
7		9	24			6.20	9.10	22.70			7.60	38.00	40.00	0.45	3.11	3.83	2.20	14.90	18.30	3.58
7		12	12			6.90	12.50	12.50			7.60	31.80	33.30	0.45	2.72	3.27	2.20	13.00	15.60	3.43
7		12	18			6.30	11.40	17.20			7.60	34.90	36.60	0.45	2.99	3.59	2.20	14.30	17.20	3.42
7		12	24			5.90	10.70	21.40			7.60	38.00	40.00	0.45	3.11	3.90	2.20	14.90	18.70	3.58
7		18	18			5.90	16.10	16.10			7.60	38.00	40.00	0.45	3.12	3.90	2.20	14.90	18.70	3.57
9		9	9			10.40	10.40	10.40			7.60	31.30	32.40	0.45	2.68	3.19	2.20	12.80	15.30	3.42
9		9	12			9.90	9.90	12.40			7.60	32.30	33.70	0.45	2.76	3.31	2.20	13.20	15.80	3.43
9		9	18			9.80	9.80	18.40			7.60	38.00	40.00	0.45	3.05	3.78	2.20	14.60	18.10	3.65
9		9	24			8.40	8.40	21.10			7.60	38.00	40.00	0.45	3.15	3.90	2.20	15.10	18.70	3.54
9		12	12			9.00	11.90	11.90			7.60	33.30	34.90	0.45	2.84	3.42	2.20	13.60	16.40	3.44
9		12	18			9.20	11.50	17.30			7.60	38.00	40.00	0.45	3.06	3.82	2.20	14.60	18.30	3.64
9		12	24			8.00	10.00	20.00			7.60	38.00	40.00	0.45	3.15	3.90	2.20	15.10	18.70	3.54
4 Unit	7	7	7	7		7.40	7.40	7.40	11.40		7.60	29.50	35.50	0.45	2.59	3.61	2.20	12.40	17.30	3.34
	7	7	7	9		7.00	7.00	7.00	11.40		7.60	31.30	32.40	0.45	2.71	3.22	2.20	13.00	15.40	3.39
	7	7	7	12		6.80	6.80	6.80	11.40		7.60	32.80	33.70	0.45	2.83	3.34	2.20	13.50	16.00	3.40
	7	7	7	18		7.00	7.00	7.00	11.40		7.60	40.00	42.00	0.45	3.15	3.66	2.20	15.10	17.50	3.72
	7	7	7	24		6.00	6.00	6.00	11.40		7.60	40.00	42.00	0.45	3.15	3.77	2.20	15.10	18.00	3.72
	7	7	9	9		6.70	6.70	9.70	11.40		7.60	32.80	34.10	0.45	2.83	3.38	2.20	13.50	16.20	3.40
	7	7	9	12		6.50	6.50	9.50	11.40		7.60	34.40	35.30	0.45	2.96	3.49	2.20	14.20	16.70	3.41
	7	7	9	18		6.50	6.50	9.40	11.40		7.60	40.00	42.00	0.45	3.15	3.73	2.20	15.10	17.80	3.72
	7	7	12	12		7.10	7.10	12.90	11.40		7.60	40.00	42.00	0.45	3.15	3.79	2.20	15.10	18.10	3.72
	7	7	12	18		6.10	6.10	11.10	11.40		7.60	40.00	42.00	0.45	3.15	3.76	2.20	15.10	18.00	3.72
	7	9	9	9		6.40	9.30	9.30	11.40		7.60	34.40	35.70	0.45	2.96	3.53	2.20	14.20	16.90	3.41
	7	9	9	12		7.00	10.20	10.20	11.40		7.60	40.00	42.00	0.45	3.15	3.79	2.20	15.10	18.10	3.72
	7	9	9	18		6.00	8.80	8.80	11.40		7.60	40.00	42.00	0.45	3.15	3.76	2.20	15.10	18.00	3.72
	7	9	12	12		6.60	9.60	11.90	11.40		7.60	40.00	42.00	0.45	3.15	3.83	2.20	15.10	18.30	3.72
	7	12	12	12		6.20	11.30	11.30	11.40		7.60	40.00	42.00	0.45	3.15	3.90	2.20	15.10	18.70	3.72
	9	9	9	9		10.00	10.00	10.00	10.00		7.60	40.00	42.00	0.45	3.15	3.83	2.20	15.10	18.30	3.72
	9	9	9	12		9.40	9.40	9.40	11.40		7.60	40.00	42.00	0.45	3.15	3.87	2.20	15.10	18.50	3.72
	9	9	9	18		8.20	8.20	8.20	15.40		7.60	40.00	42.00	0.45	3.15	3.80	2.20	15.10	18.20	3.72
9	9	12	12		8.90	8.90	11.10	11.10		7.60	40.00	42.00	0.45	3.15	3.90	2.20	15.10	18.70	3.72	
9	12	12	12		8.40	10.50	10.50	10.50		7.60	40.00	42.00	0.45	3.15	3.90	2.20	15.10	18.70	3.72	
5 Unit	7	7	7	7	7	7.50	7.50	7.50	7.50	7.50	7.60	37.50	42.00	0.45	2.90	3.44	2.20	13.90	16.50	3.79
	7	7	7	7	9	7.00	7.00	7.00	7.00	10.10	7.60	38.00	42.00	0.45	3.03	3.59	2.20	14.50	17.20	3.68
	7	7	7	7	12	6.90	6.90	6.90	6.90	12.50	7.60	40.00	44.00	0.45	3.15	3.70	2.20	15.10	17.70	3.72
	7	7	7	9	9	6.80	6.80	6.80	9.80	9.80	7.60	40.00	44.00	0.45	3.15	3.70	2.20	15.10	17.70	3.72
	7	7	7	9	12	6.40	6.40	6.40	9.30	11.60	7.60	40.00	44.00	0.45	3.15	3.74	2.20	15.10	17.90	3.72
	7	7	7	12	12	6.00	6.00	6.00	11.00	11.00	7.60	40.00	44.00	0.45	3.15	3.77	2.20	15.10	18.00	3.72
	7	7	9	9	9	6.30	6.30	9.10	9.10	9.10	7.60	40.00	44.00	0.45	3.15	3.74	2.20	15.10	17.90	3.72
	7	7	9	9	12	5.90	5.90	8.60	8.60	10.80	7.60	40.00	44.00	0.45	3.15	3.77	2.20	15.10	18.00	3.72
	7	9	9	9	9	5.90	8.50	8.50	8.50	8.50	7.60	40.00	44.00	0.45	3.15	3.81	2.20	15.10	18.20	3.72
	9	9	9	9	9	8.00	8.00	8.00	8.00	8.00	7.60	40.00	44.00	0.45	3.15	3.85	2.20	15.10	18.40	3.72

5 Dimensional drawing

Outdoor

AJ020JCJ2CH/AA, AJ024JCJ3CH/AA

Units : mm / inches

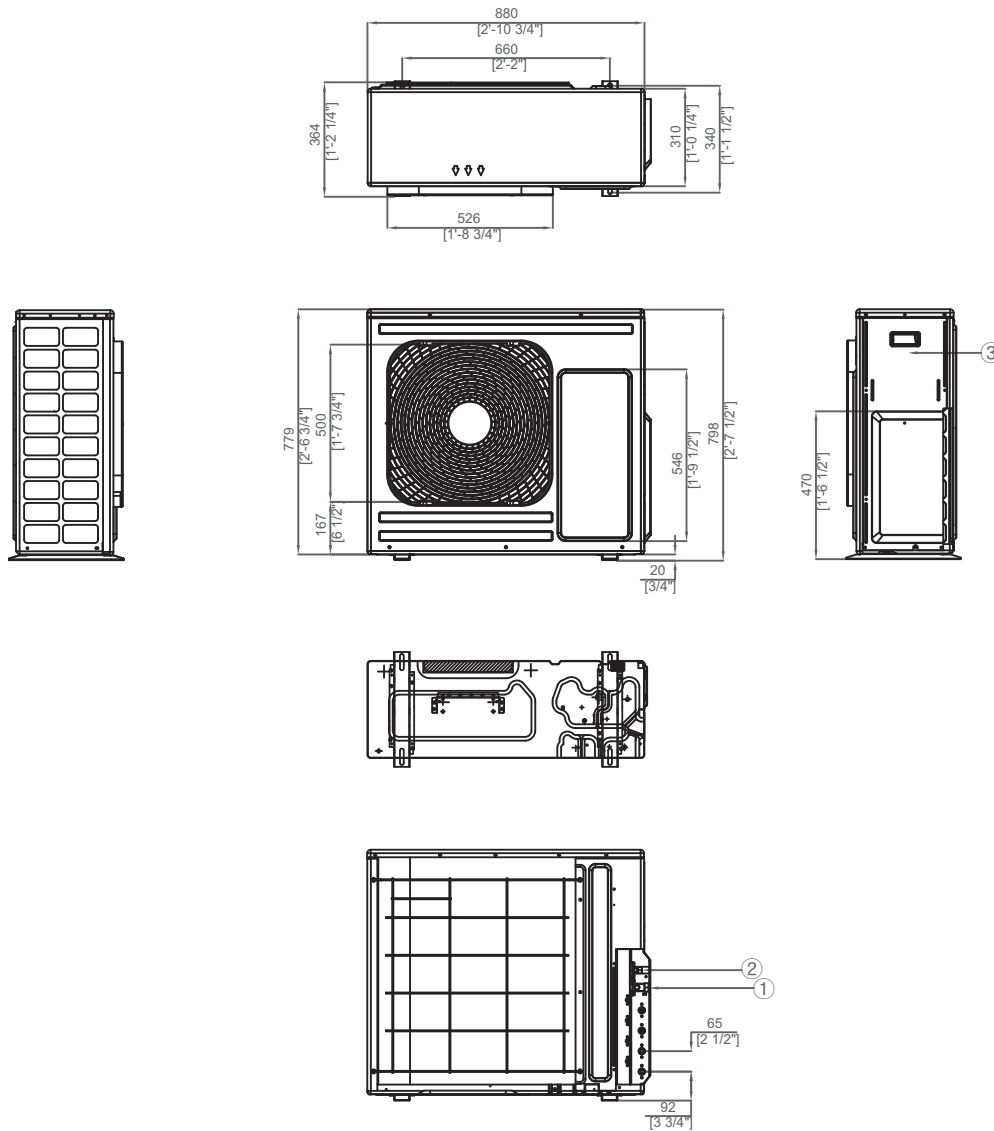


Table of descriptions

1	Refrigerant gas pipe	7	
2	Refrigerant liquid pipe	8	
3	Power & Comm. wiring conduits	9	
4		10	
5		11	
6		12	

5 Dimensional drawing

Outdoor

AJ036JCJ5CH/AA

Units : mm / inches

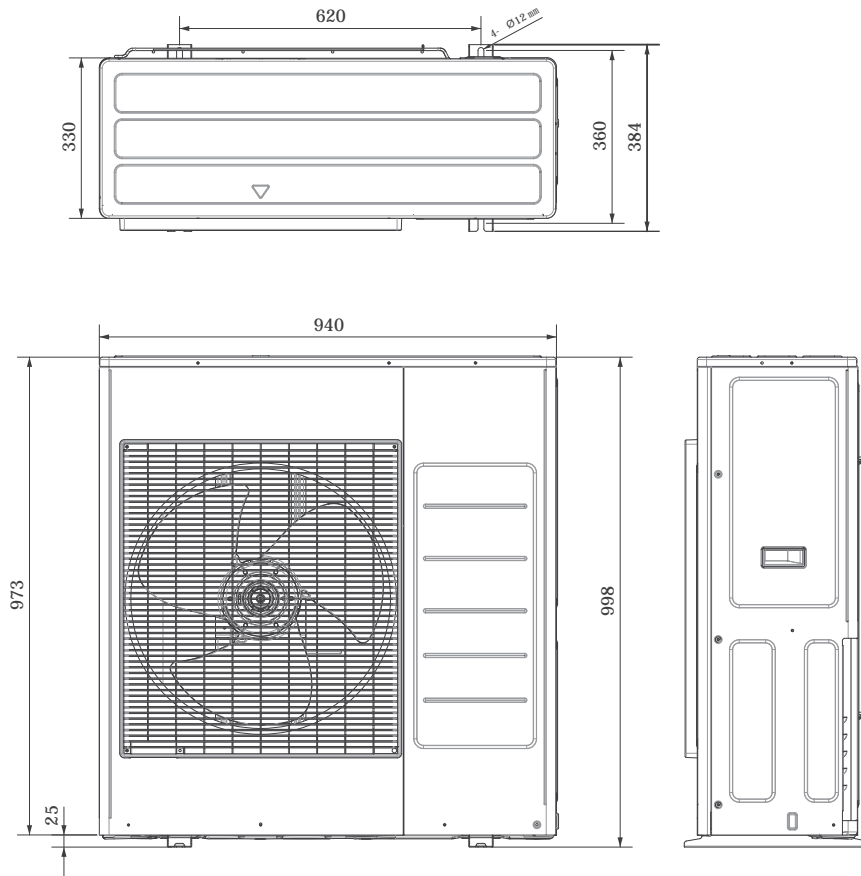


Table of descriptions

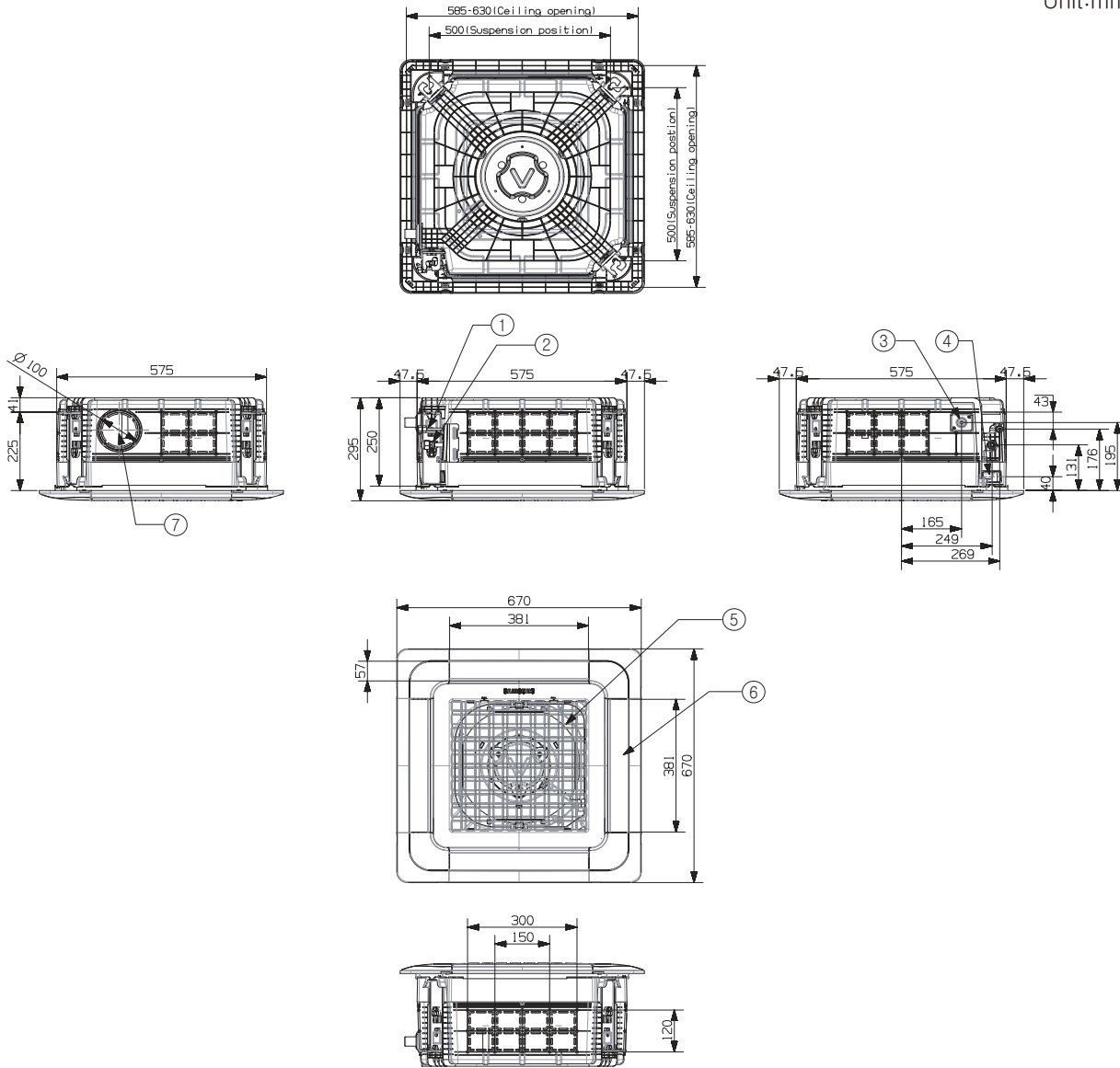
1	Refrigerant gas pipe	7	
2	Refrigerant liquid pipe	8	
3	Drain Hole	9	
4	Power & Comm. wiring conduits	10	
5		11	
6		12	

6 Dimensional drawing

4 Way Cassette(600 x 600)

AJ009JNNDCH/AA, AJ012JNNDCH/AA, AJ018JNNDCH/AA

Unit:mm

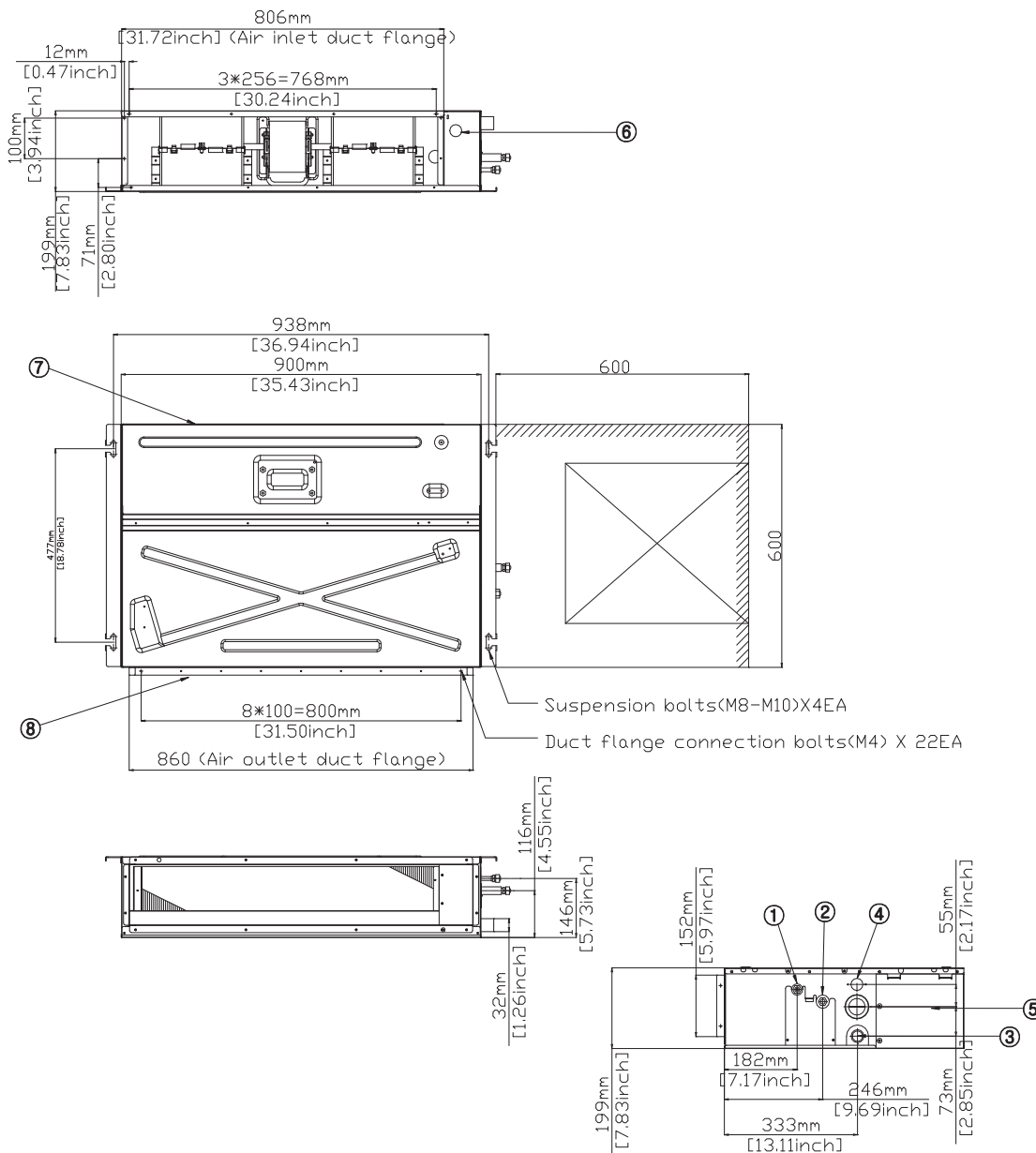


No.	Name	Description	
		009 / 012	018
①	Liquid pipe connection	Ø6.35mm (1/4") Flare	
②	Gas pipe connection	Ø9.52mm(3/8")Flare	Ø12.70mm(1/2")Flare
③	Drain pipe connection	VP25 (OD32, ID25)	
④	Conduit for power supply & communication wiring	-	
⑤	Air inlet grille	-	
⑥	Air outlet louver	-	
⑦	Fresh air intake	Ø100	

6 Dimensional drawing

Slim Duct

AJ009JNLDCH/AA, AJ012JNLDCH/AA

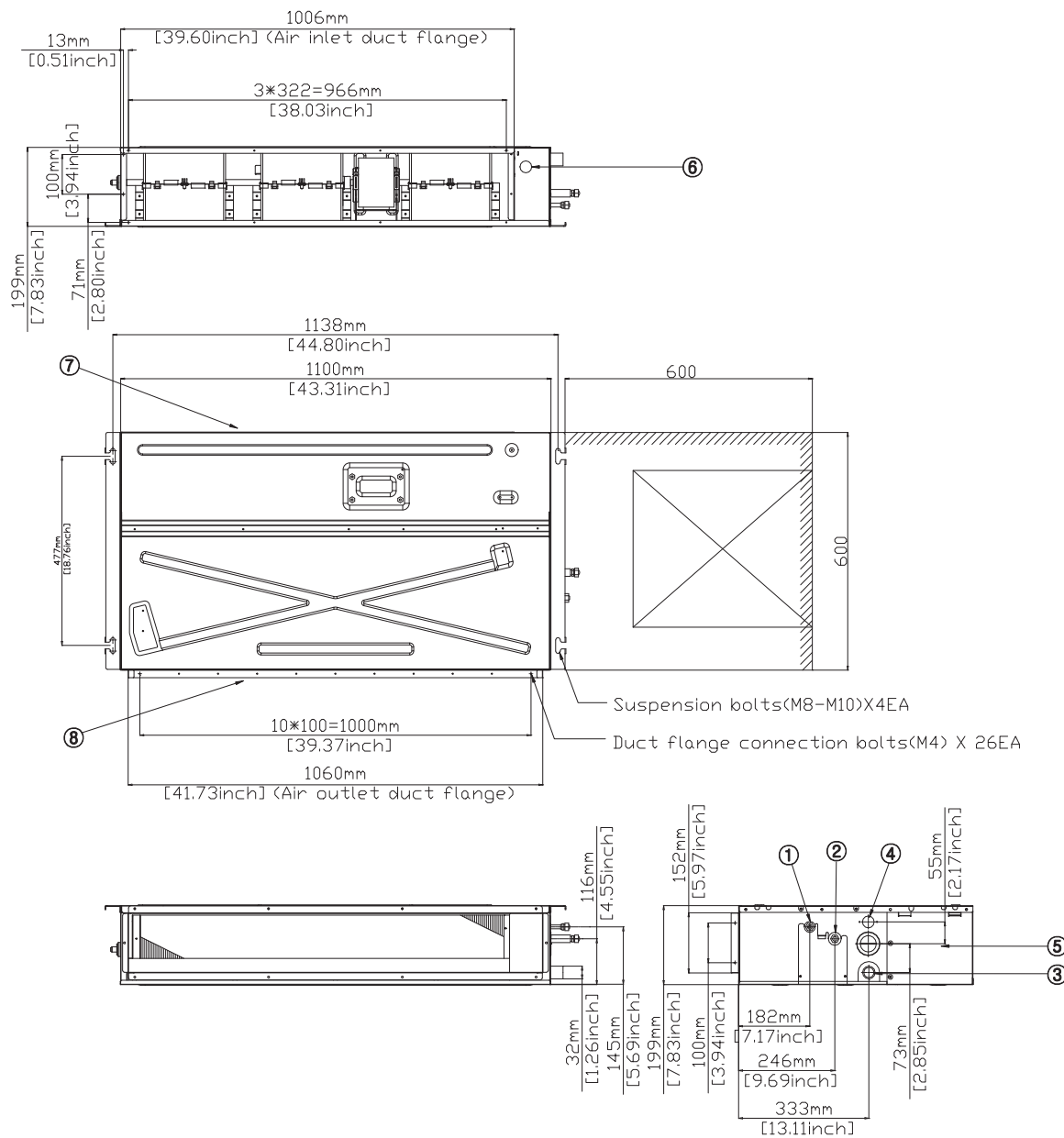


No.	Name	No.	Name
①	Liquid Ref. Pipe	⑤	Control unit
②	Gas Ref. Pipe	⑥	Power & Communication Wiring Conduit
③	Drain Pipe Connection without optional drain pump kits	⑦	Return air side
④	Drain Pipe Connection with optional drain pump kits	⑧	Air outlet duct flange

6 Dimensional drawing

Slim Duct

AJ018JNLDCH/AA



No.	Name	No.	Name
①	Liquid Ref. Pipe	⑤	Control unit
②	Gas Ref. Pipe	⑥	Power & Communication Wiring Conduit
③	Drain Pipe Connection without optional drain pump kits	⑦	Return air side
④	Drain Pipe Connection with optional drain pump kits	⑧	Air outlet duct flange

6 Dimensional drawing

AR 5000

AJ007JNADCH/AA, AJ009JNADCH/AA, AJ012JNADCH/AA

Units : mm / inches

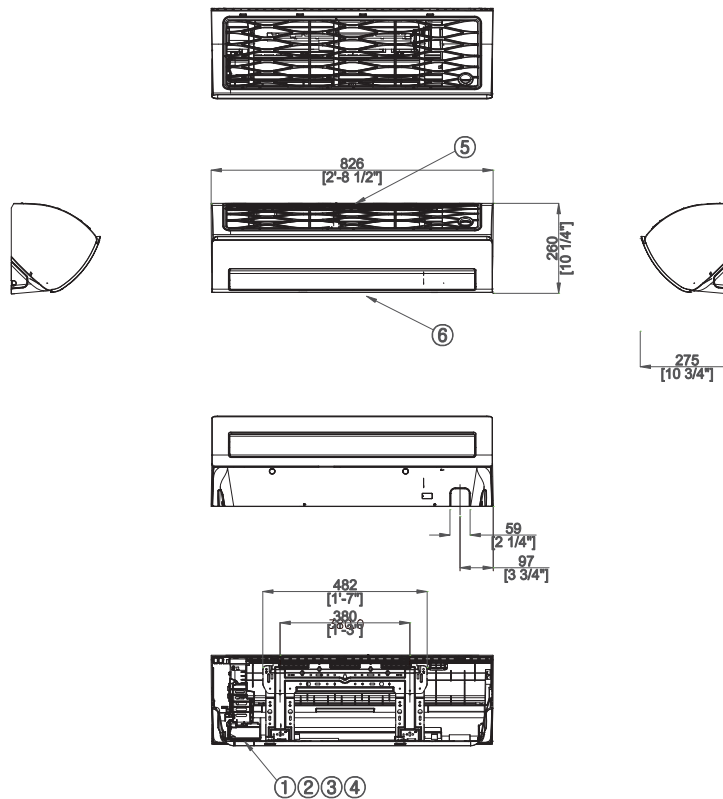


Table of descriptions

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

6 Dimensional drawing

AR 7000

AJ018JNADCH/AA, AJ024JNADCH/AA

Units : mm / inches

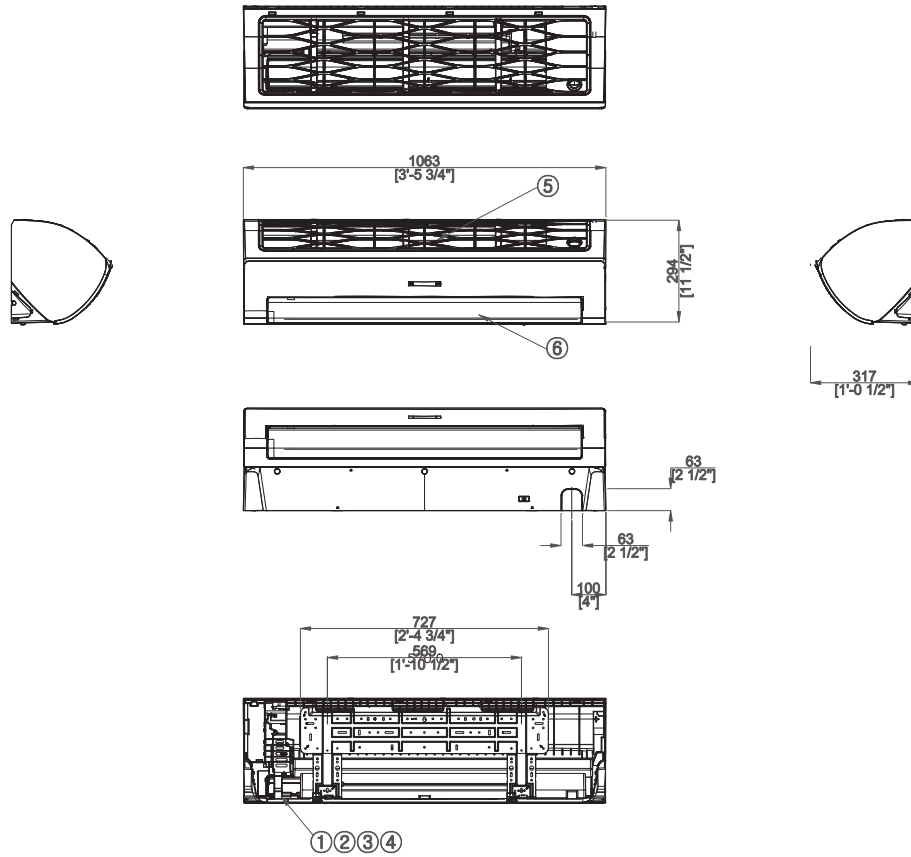


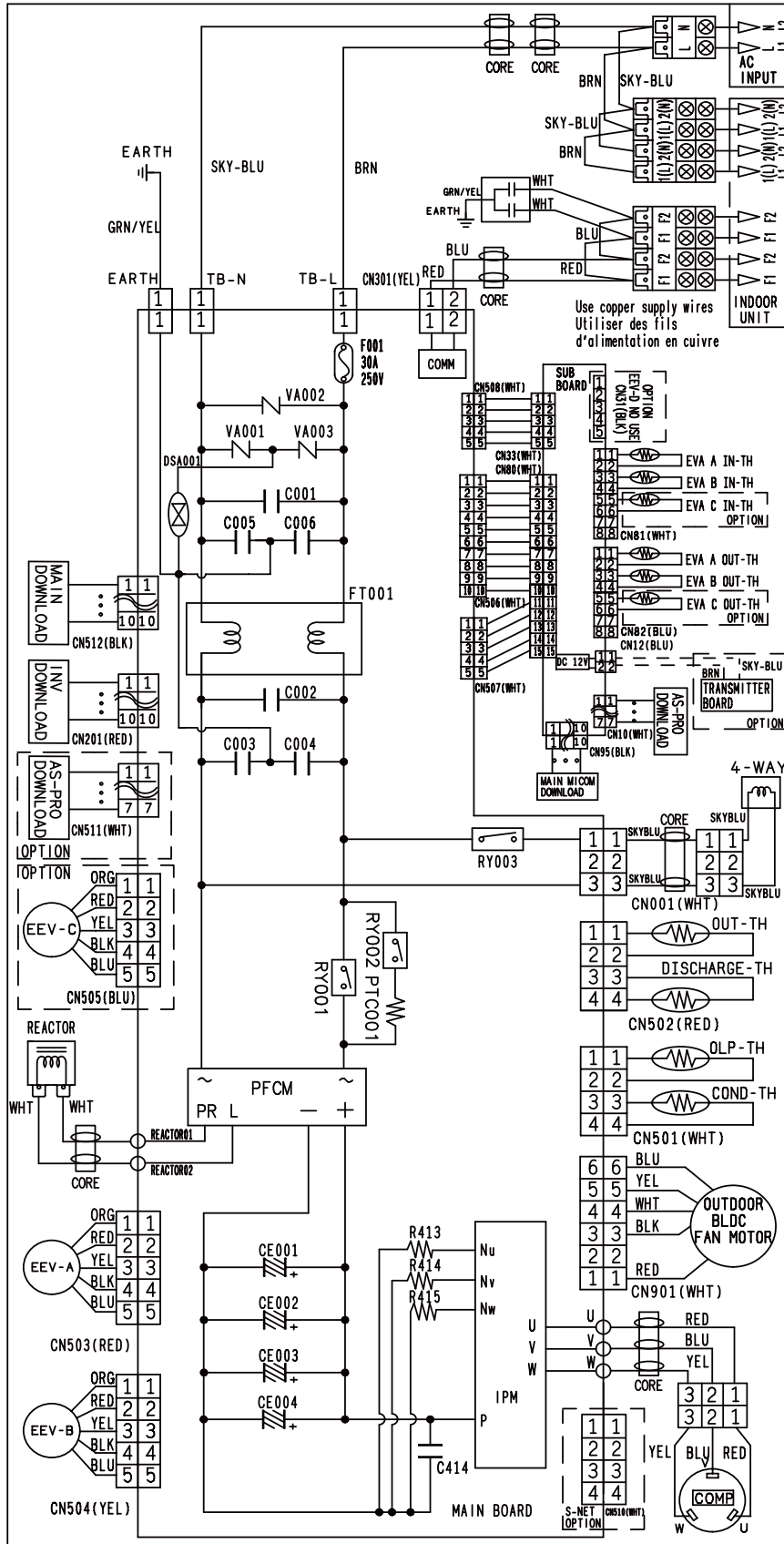
Table of descriptions

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

7 Electrical wiring diagram

Outdoor

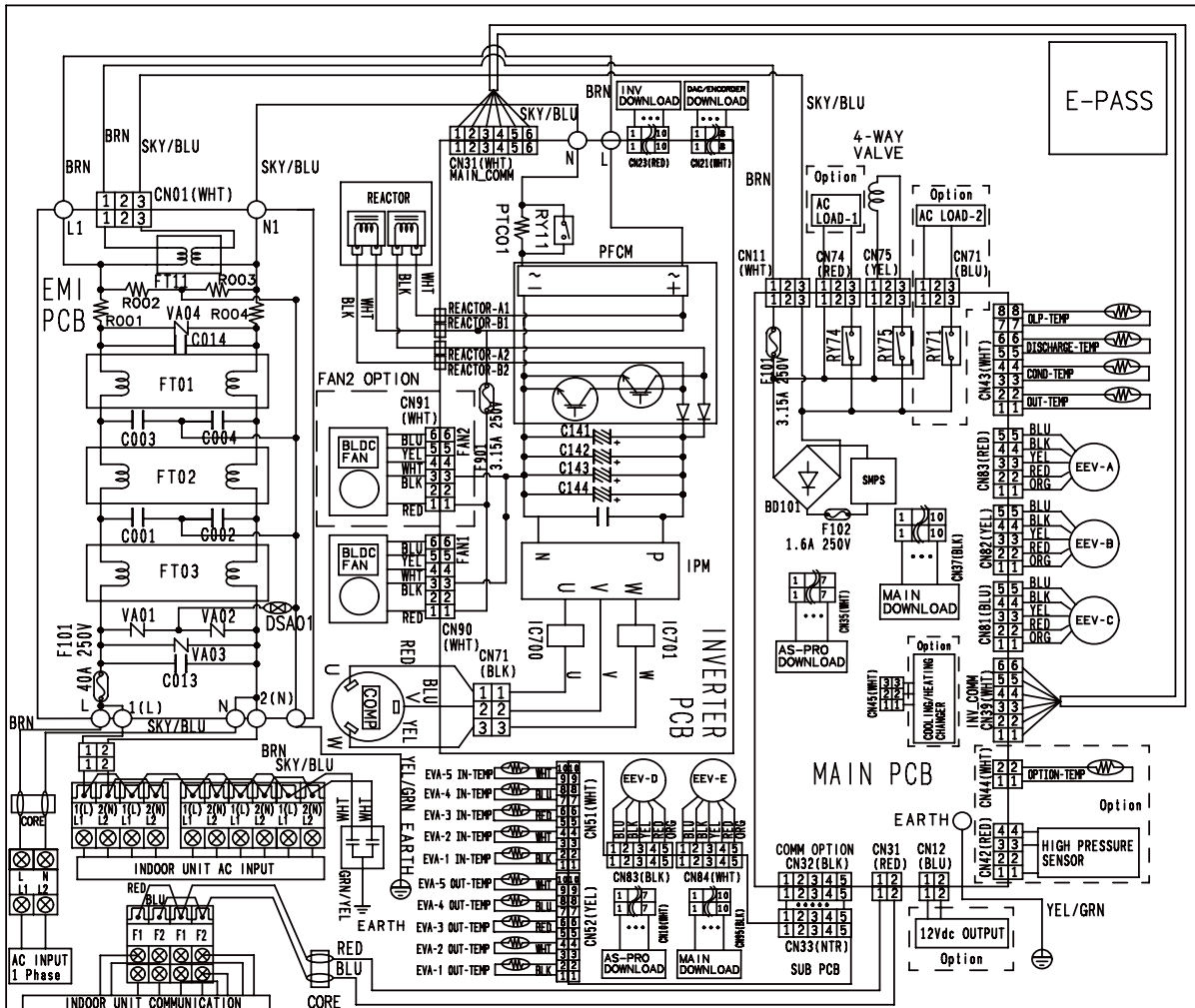
AJ020JCJ2CH/AA, AJ024JCJ3CH/AA



7 Electrical wiring diagram

Outdoor

AJ036JCJ5CH/AA

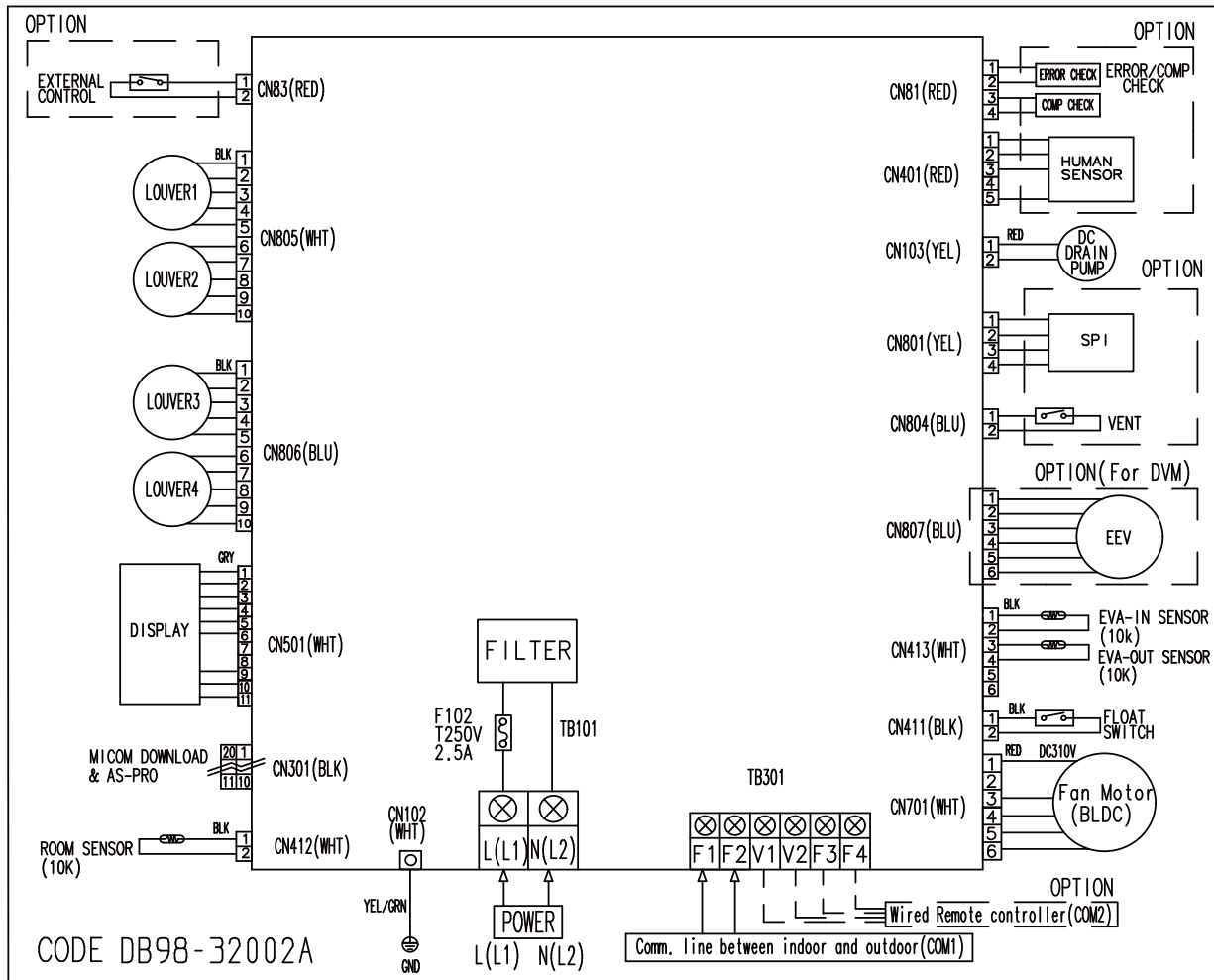


USE COPPER SUPPLY WIRES.
 UTILISER DES FILS D'ALIMENTATION EN CUIVRE CODE: DB98-33281A

8 Electrical wiring diagram

4 Way Cassette(600 x 600)

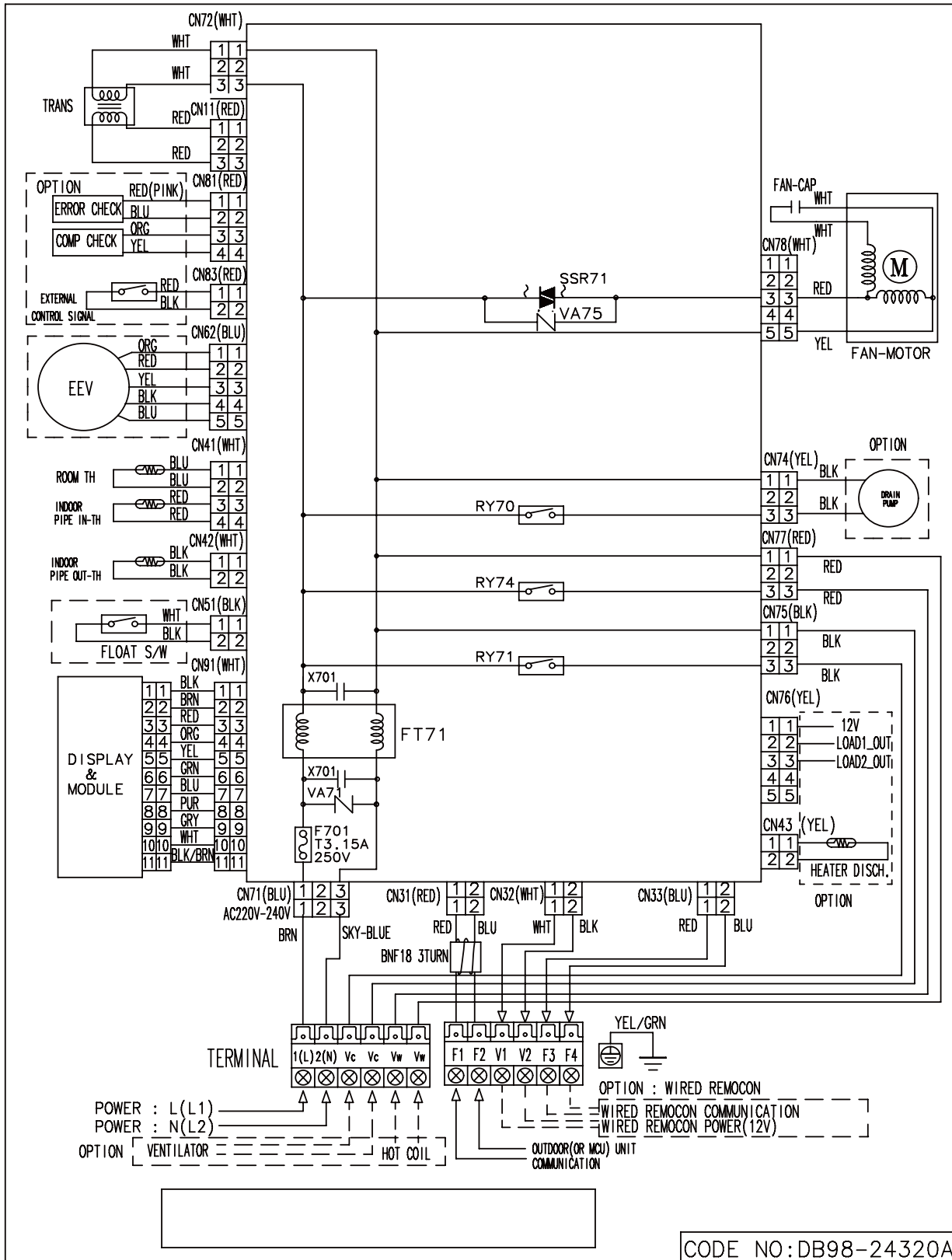
AJ009JNNDCH/AA, AJ012JNNDCH/AA, AJ018JNNDCH/AA



8 Electrical wiring diagram

Slim Duct

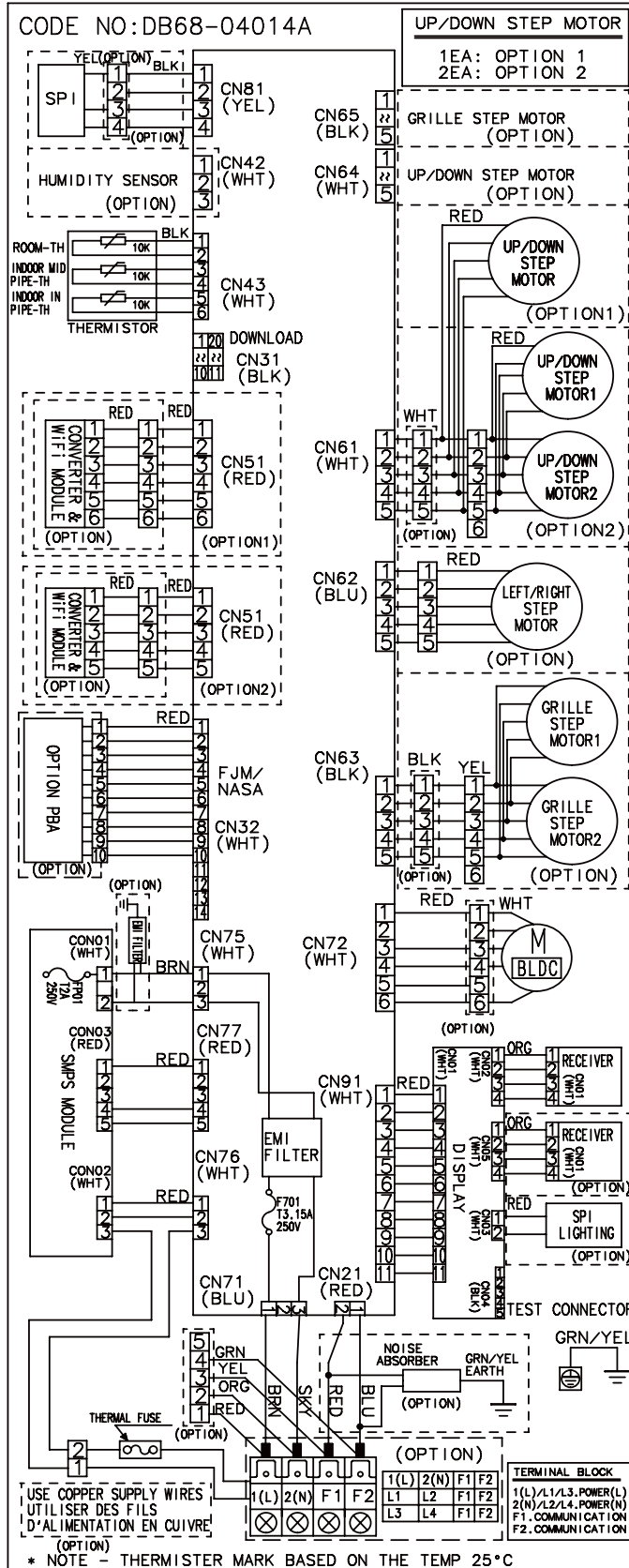
AJ009JNLDCH/AA, AJ012JNLDCH/AA, AJ018JNLDCH/AA



8 Electrical wiring diagram

AR 5000, AR 7000

AJ007JNADCH/AA, AJ009JNADCH/AA, AJ012JNADCH/AA, AJ018JNADCH/AA, AJ024JNADCH/AA



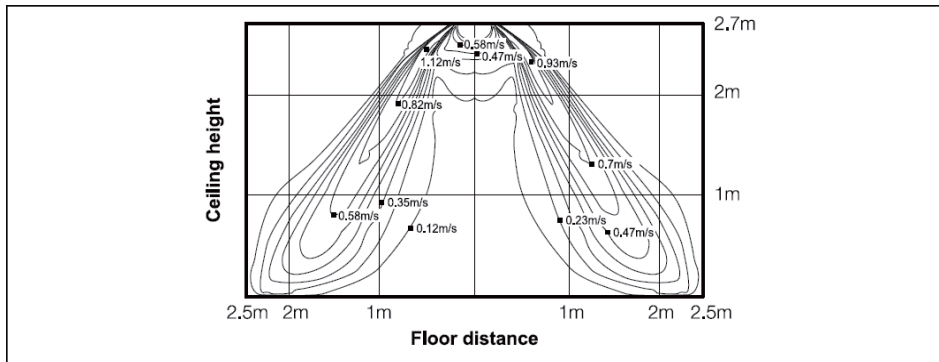
9 Temperature and air flow distribution

4 Way Cassette(600 x 600)

AJ009JNNDCH/AA

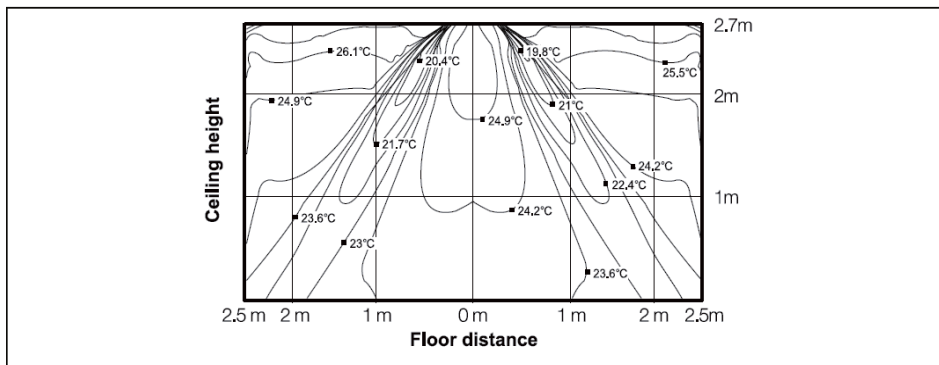
(1) Cooling air velocity distribution

Discharge angle : 41°



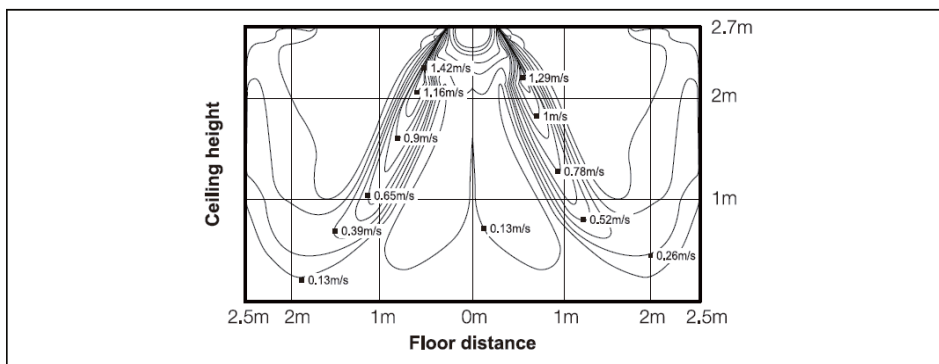
(2) Cooling temperature distribution

Discharge angle : 41°



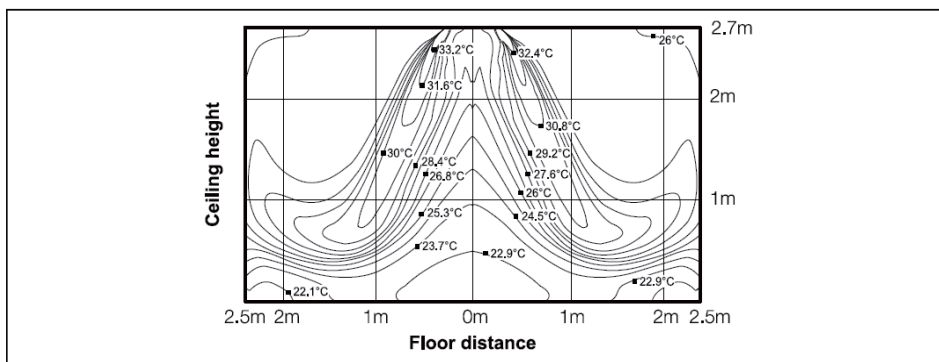
(3) Heating air velocity distribution

Discharge angle : 52°



(4) Heating temperature distribution

Discharge angle : 52°



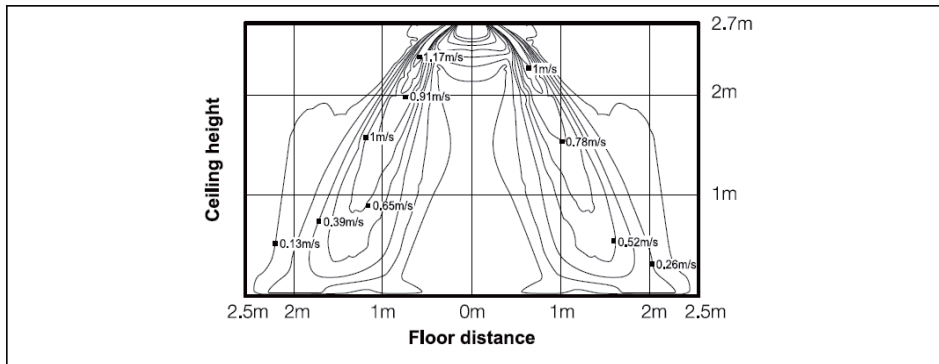
9 Temperature and air flow distribution

4 Way Cassette(600 x 600)

AJ012JNNDCH/AA

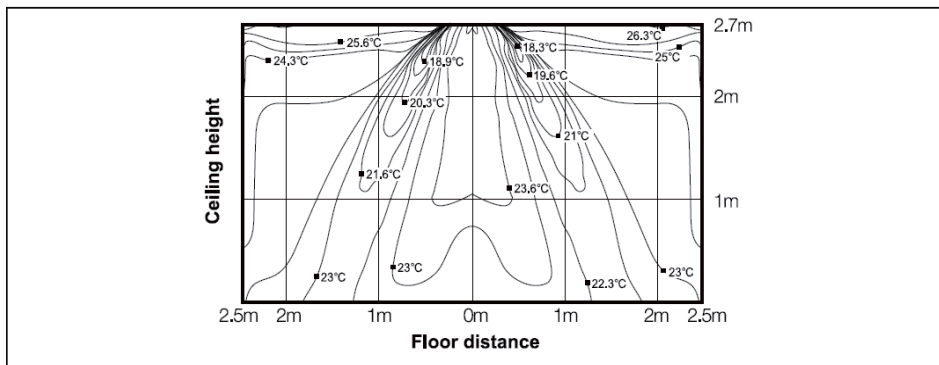
(1) Cooling air velocity distribution

Discharge angle : 41°



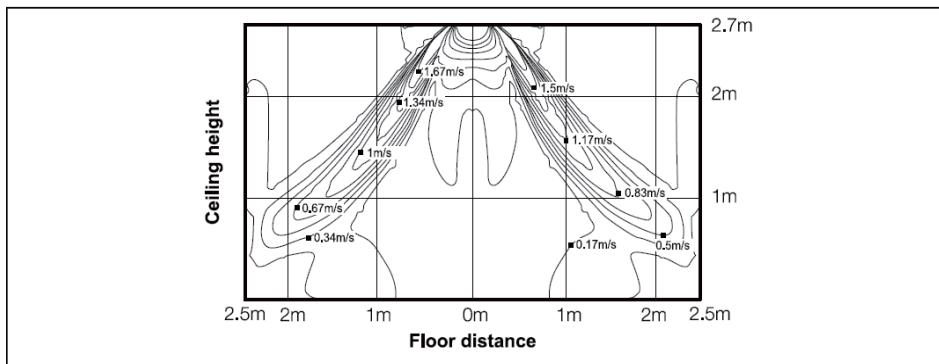
(2) Cooling temperature distribution

Discharge angle : 41°



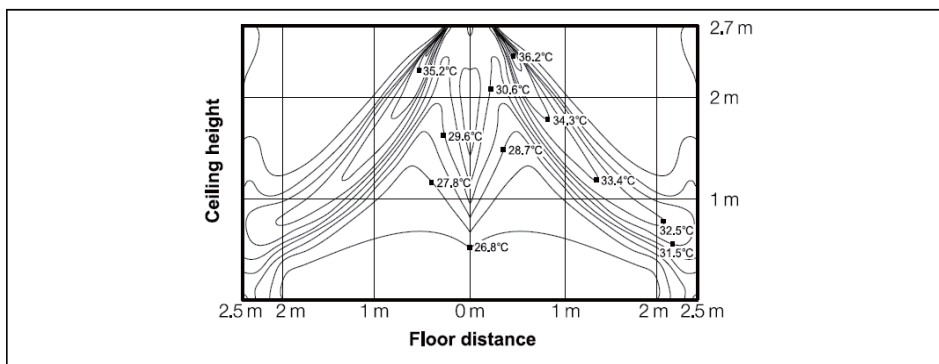
(3) Heating air velocity distribution

Discharge angle : 52°



(4) Heating temperature distribution

Discharge angle : 52°



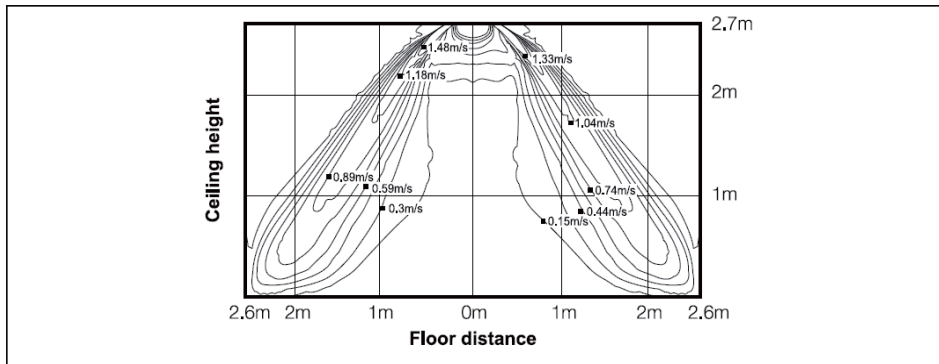
9 Temperature and air flow distribution

4 Way Cassette(600 x 600)

AJ018JNNDCH/AA

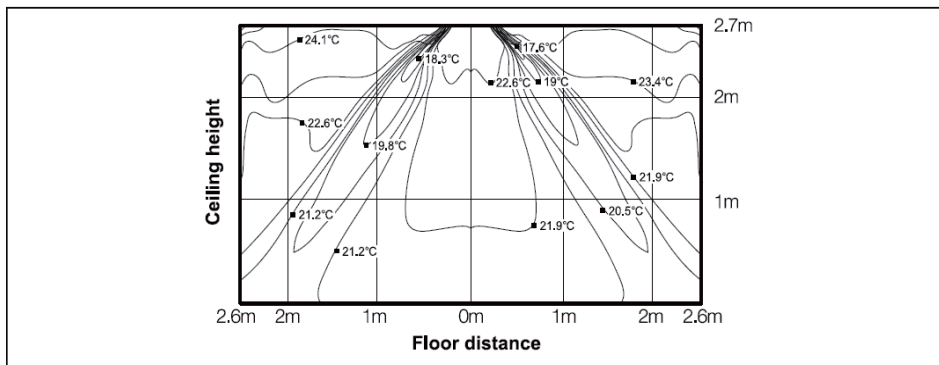
(1) Cooling air velocity distribution

Discharge angle : 41°



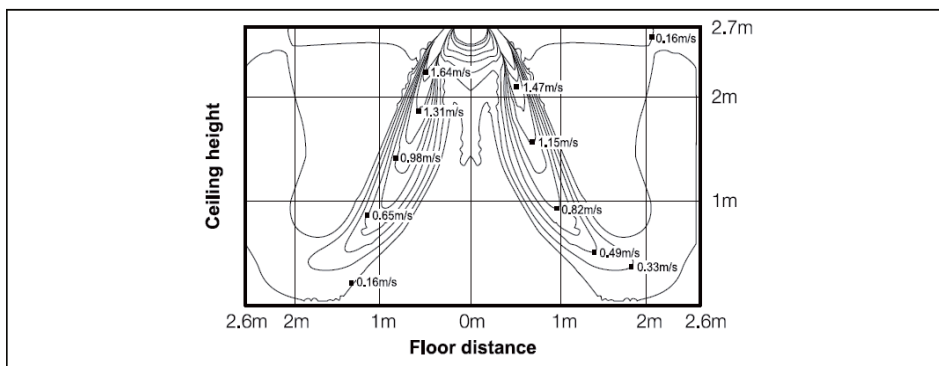
(2) Cooling temperature distribution

Discharge angle : 41°



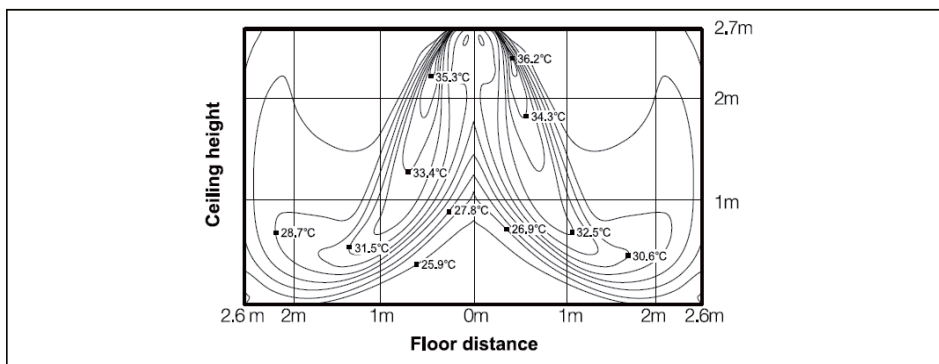
(3) Heating air velocity distribution

Discharge angle : 52°



(4) Heating temperature distribution

Discharge angle : 52°



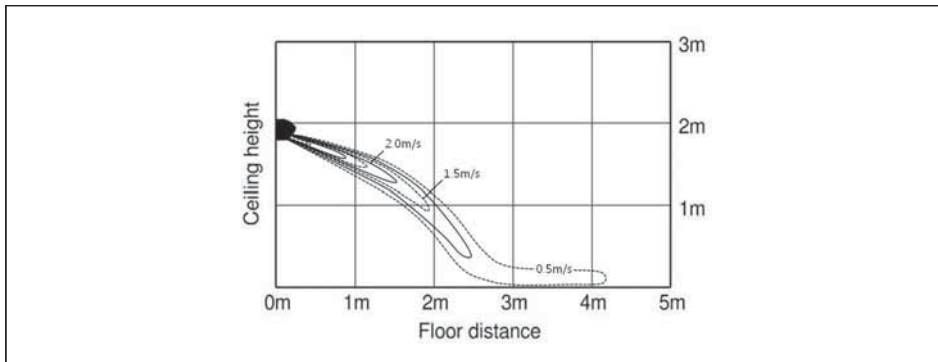
9 Temperature and air flow distribution

AR 5000

AJ009JNADCH/AA

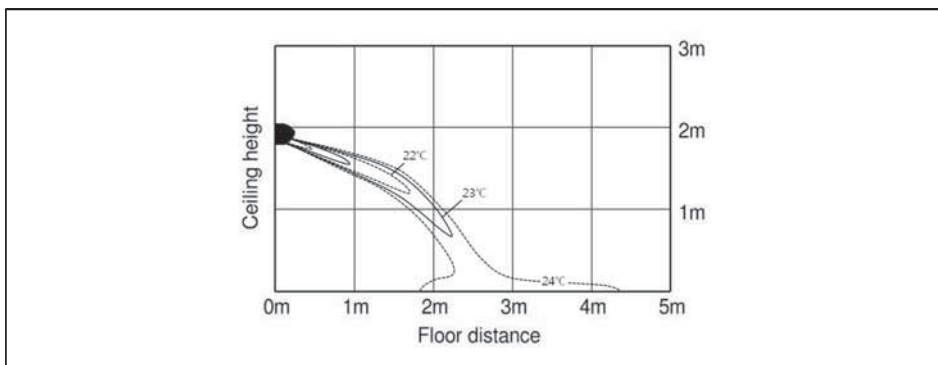
(1) Cooling air velocity distribution

Discharge angle : 18°



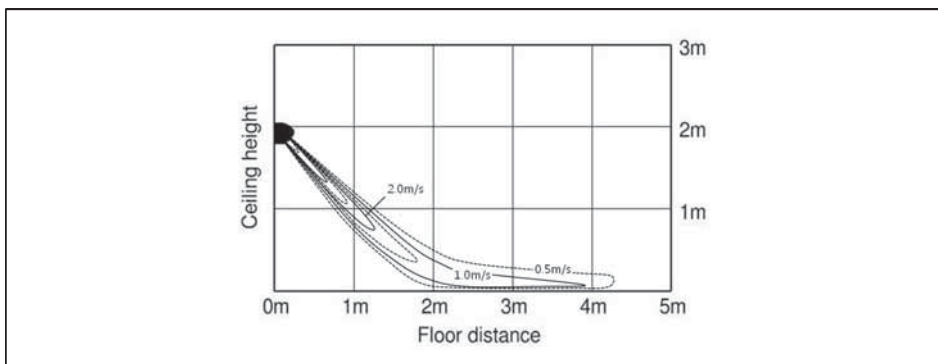
(2) Cooling temperature distribution

Discharge angle : 18°



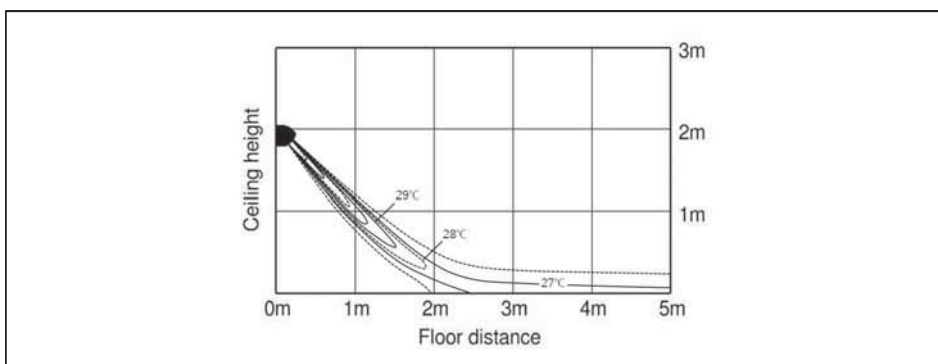
(3) Heating air velocity distribution

Discharge angle : 46°



(4) Heating temperature distribution

Discharge angle : 46°



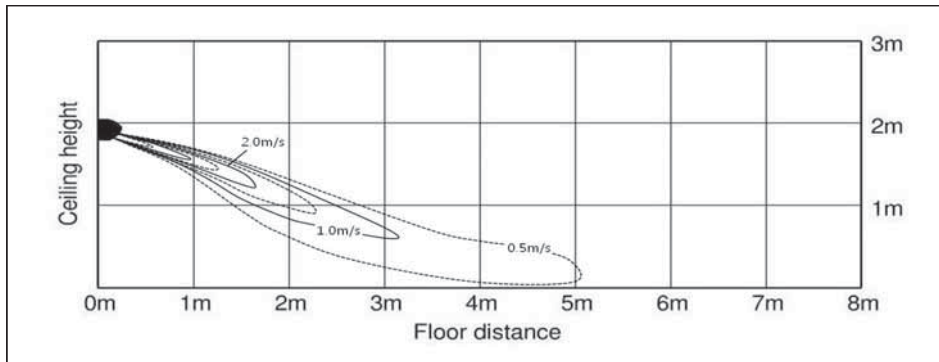
9 Temperature and air flow distribution

AR 5000

AJ012JNADCH/AA

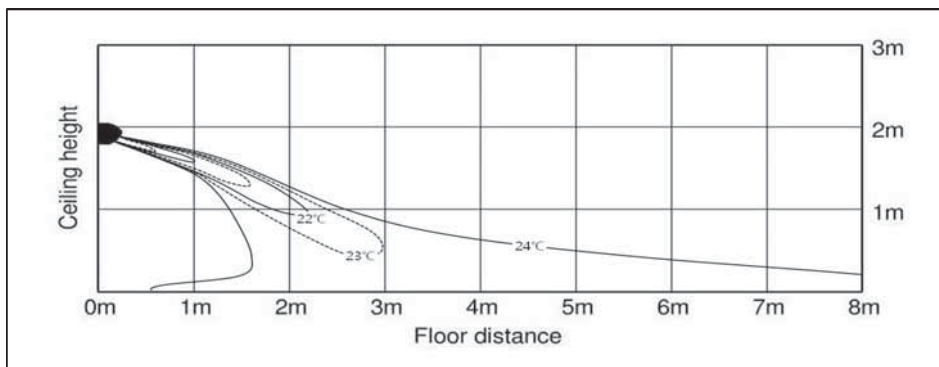
(1) Cooling air velocity distribution

Discharge angle : 18°



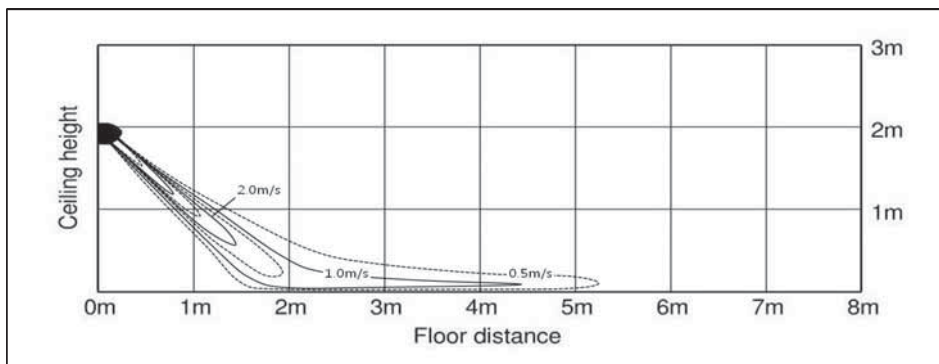
(2) Cooling temperature distribution

Discharge angle : 18°



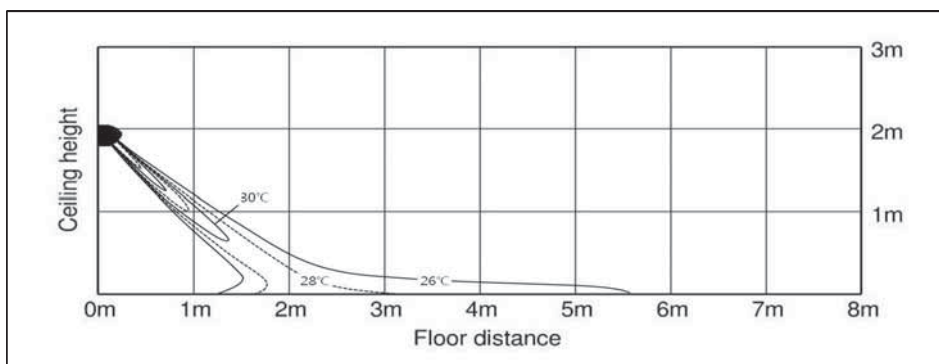
(3) Heating air velocity distribution

Discharge angle : 46°



(4) Heating temperature distribution

Discharge angle : 46°



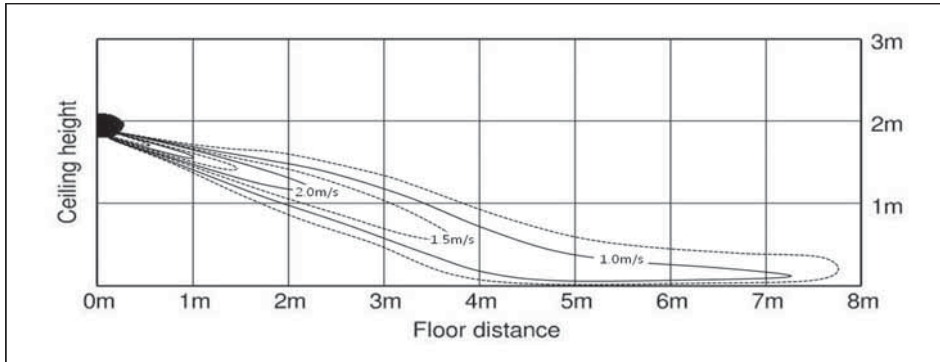
9 Temperature and air flow distribution

AR 7000

AJ018JNADCH/AA

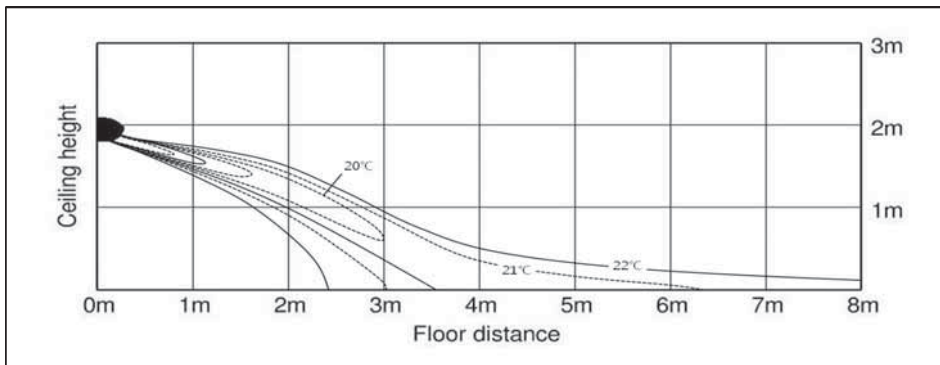
(1) Cooling air velocity distribution

Discharge angle : 18°



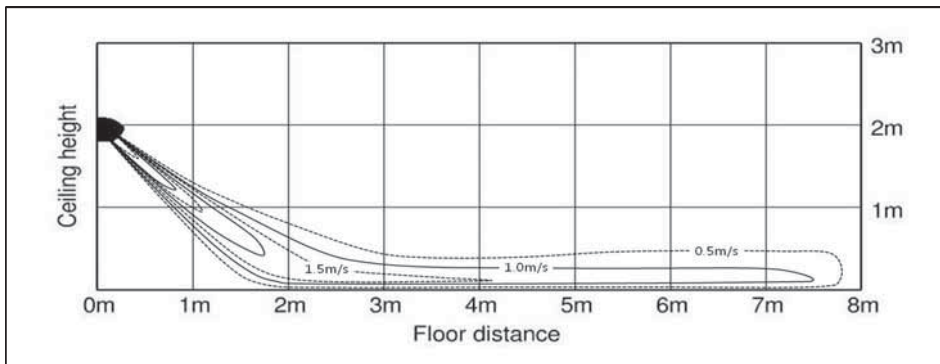
(2) Cooling temperature distribution

Discharge angle : 18°



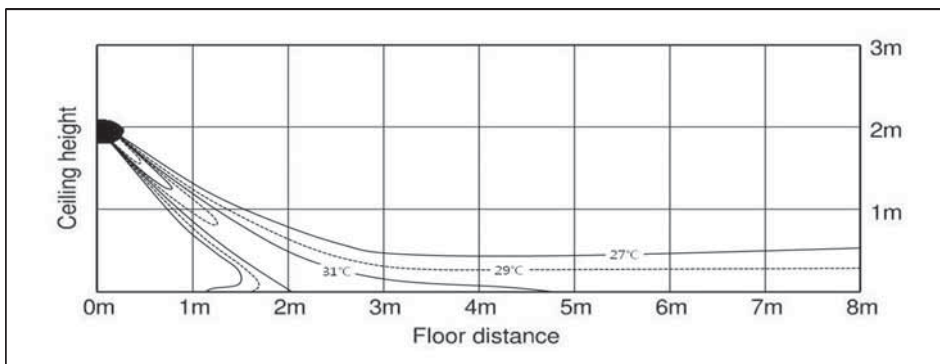
(3) Heating air velocity distribution

Discharge angle : 46°



(4) Heating temperature distribution

Discharge angle : 46°



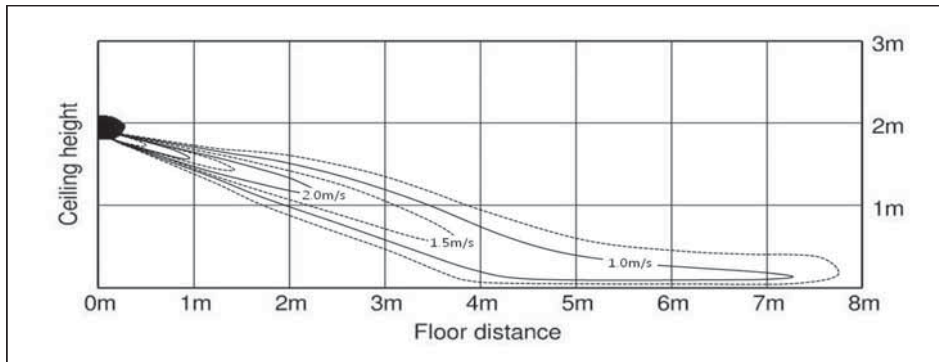
9 Temperature and air flow distribution

AR 7000

AJ024JNADCH/AA

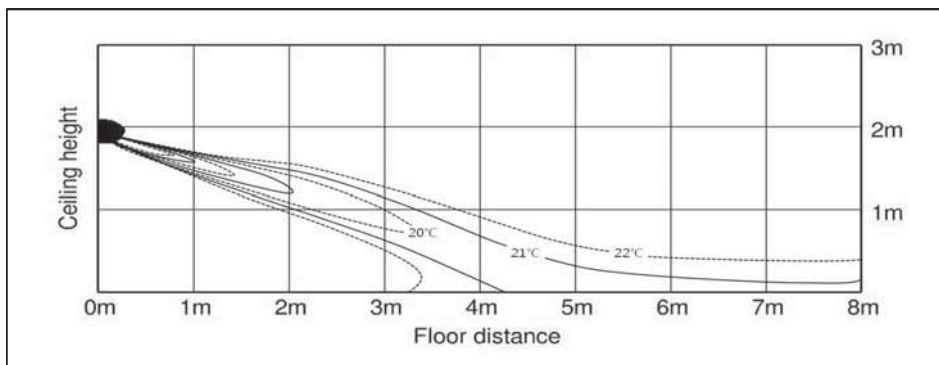
(1) Cooling air velocity distribution

Discharge angle : 18°



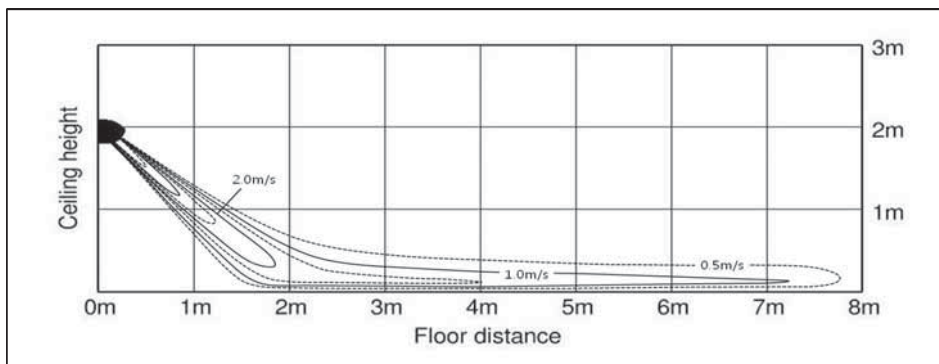
(2) Cooling temperature distribution

Discharge angle : 18°



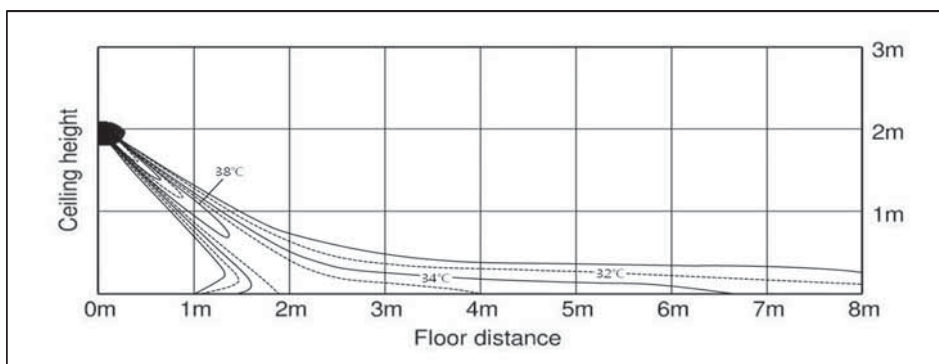
(3) Heating air velocity distribution

Discharge angle : 46°



(4) Heating temperature distribution

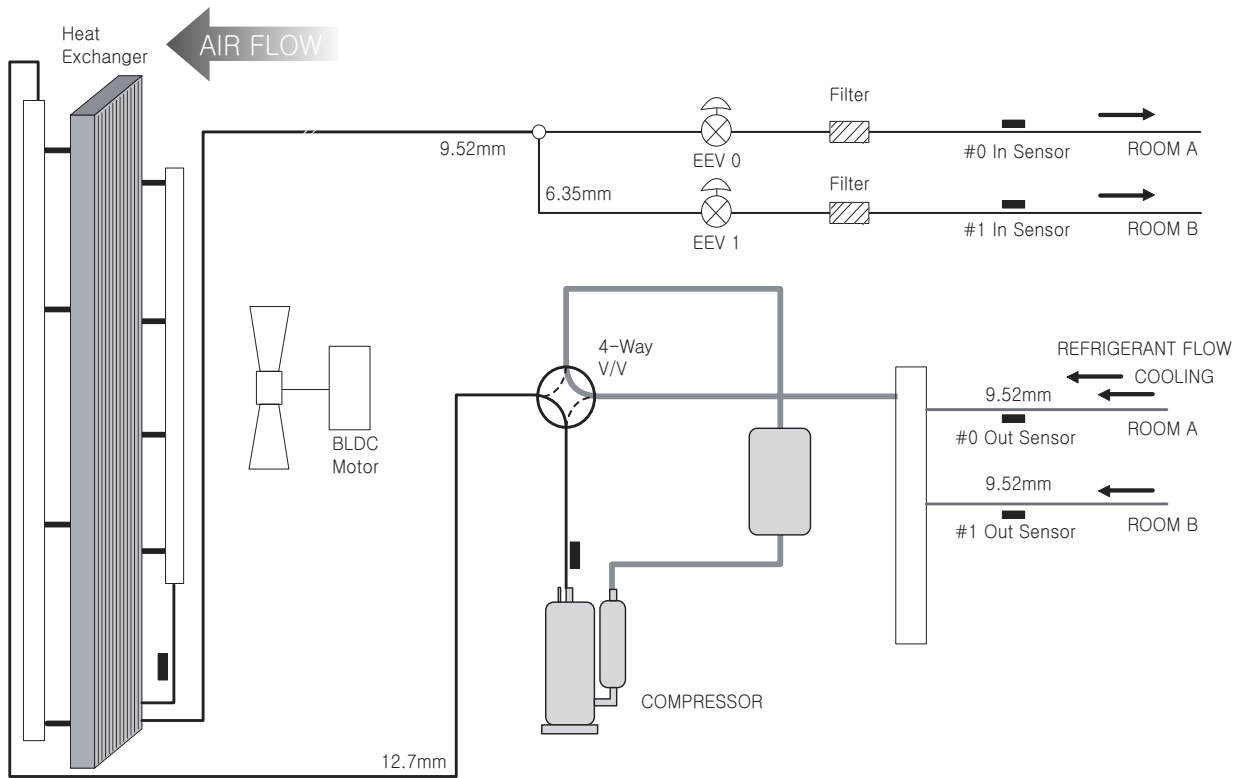
Discharge angle : 46°



10 Cycle diagram

Outdoor

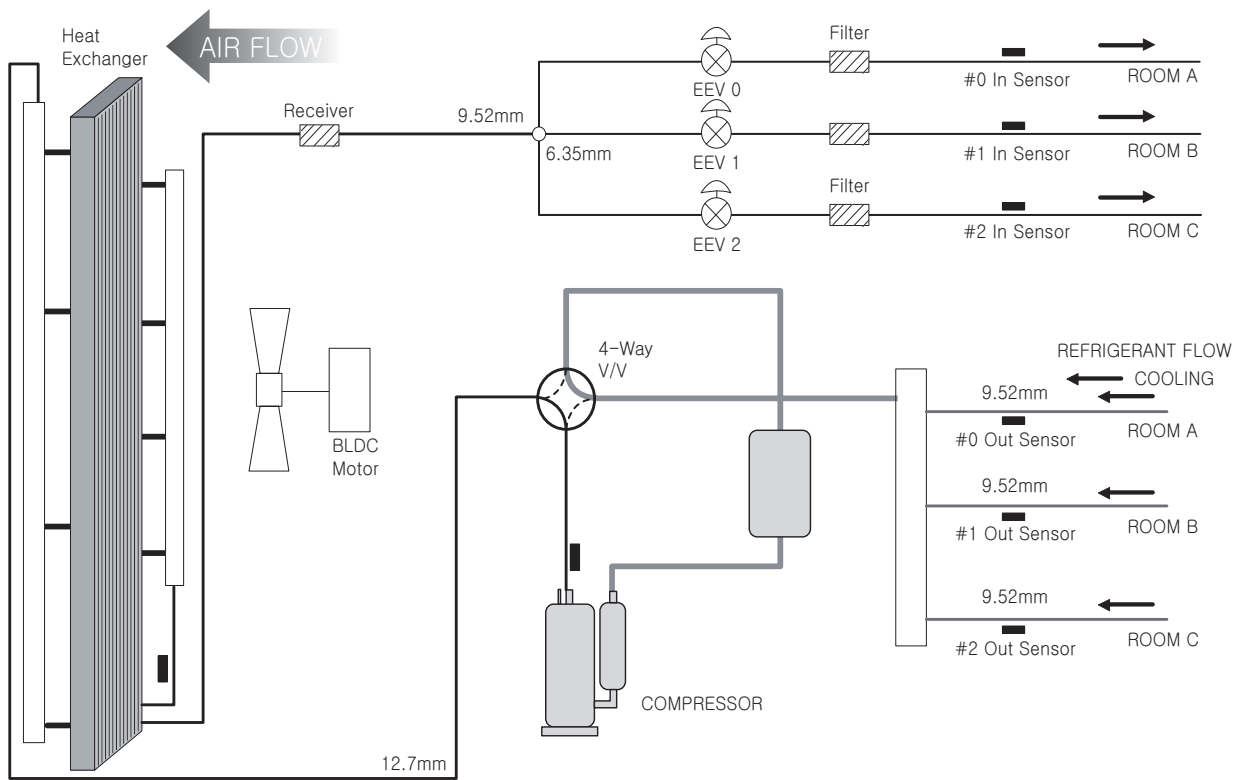
AJ020JCJ2CH/AA



10 Cycle diagram

Outdoor

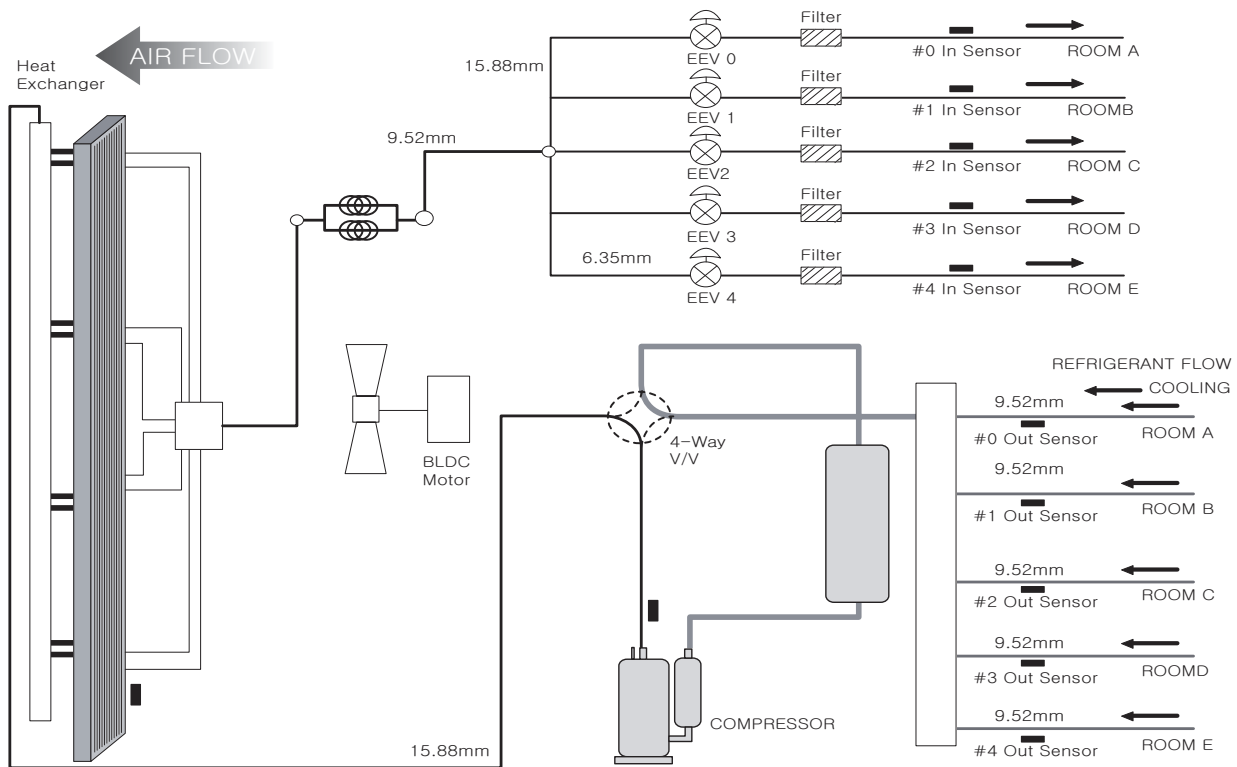
AJ024JCJ3CH/AA



10 Cycle diagram

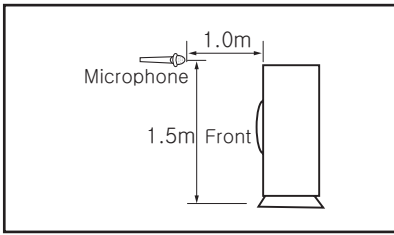
Outdoor

AJ036JCJ5CH/AA



11 Sound pressure level

Outdoor



Unit: dB(A)

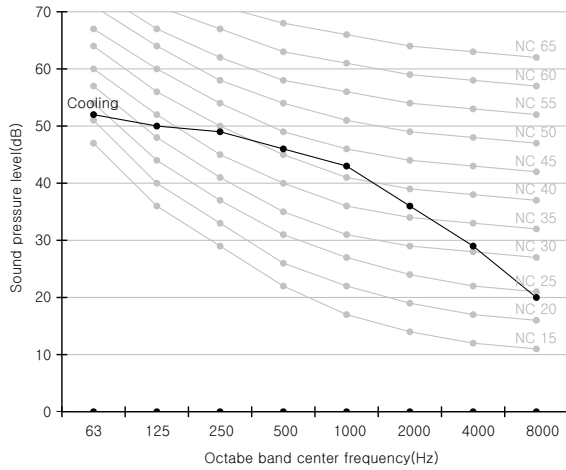
Model	Cooling
AJ020JCJ2CH/AA	48.0
AJ024JCJ3CH/AA	49.0
AJ036JCJ5CH/AA	54.0

Note

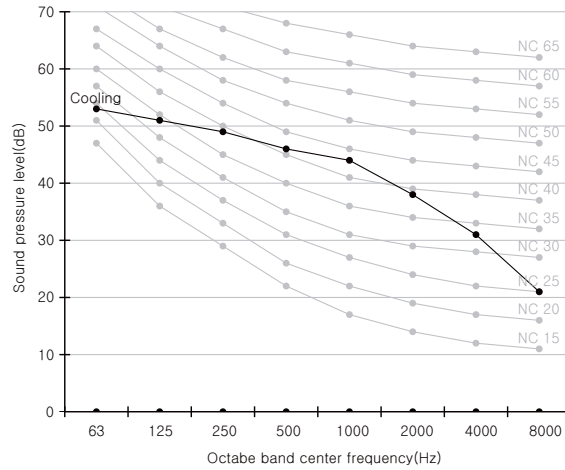
- These operation values were obtained in an anechoic room.
- Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.

NC curve

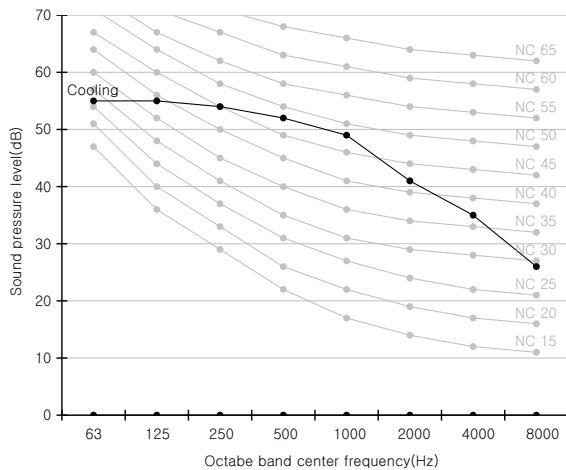
1) AJ020JCJ2CH/AA



2) AJ024JCJ3CH/AA

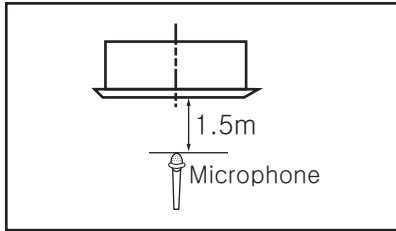


3) AJ036JCJ5CH/AA



12 Sound pressure level

4 Way Cassette(600 x 600)



Unit: dB(A)

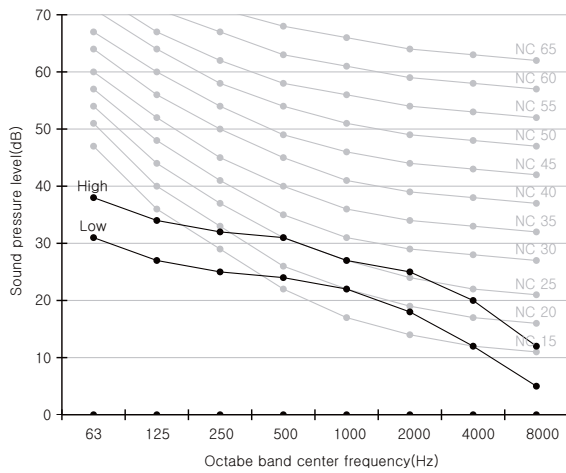
Model	High	Low
AJ009JNNDCH/AA	33.0	27.0
AJ012JNNDCH/AA	35.0	27.0
AJ018JNNDCH/AA	39.0	32.0

Note

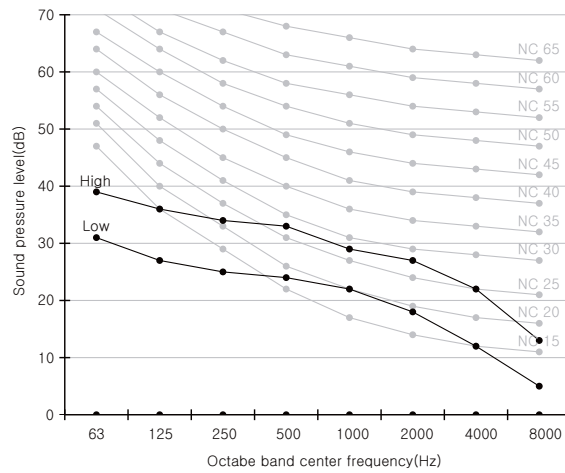
- These operation values were obtained in an anechoic room.
- Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.

NC curve

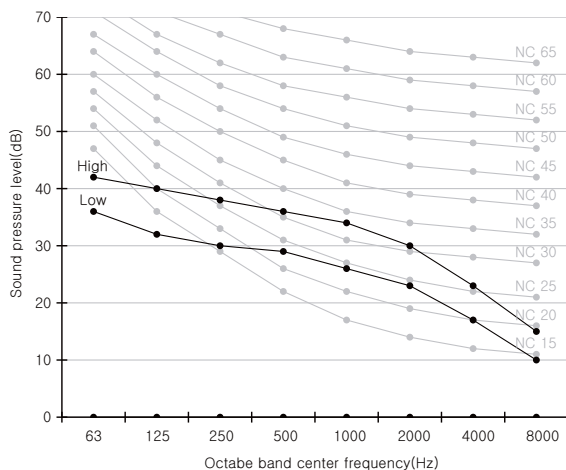
1) AJ009JNNDCH/AA



2) AJ012JNNDCH/AA

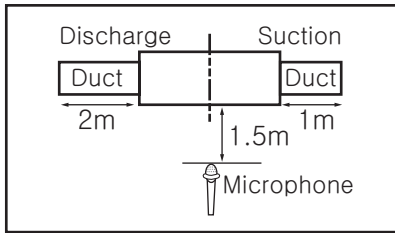


3) AJ018JNNDCH/AA



12 Sound pressure level

Slim Duct



Unit: dB(A)

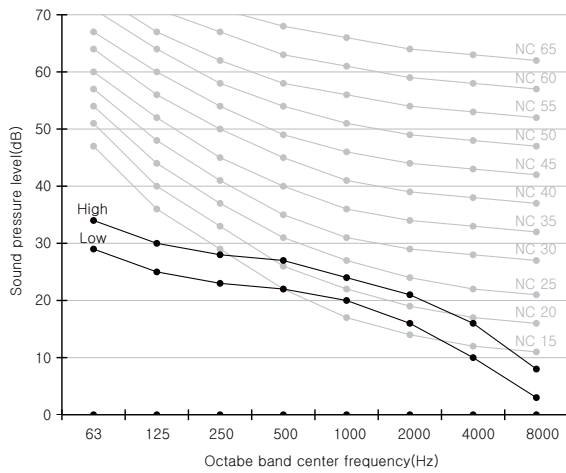
Model	High	Low
AJ009JNLDCH/AA	30.0	25.0
AJ012JNLDCH/AA	32.0	27.0
AJ018JNLDCH/AA	33.0	30.0

Note

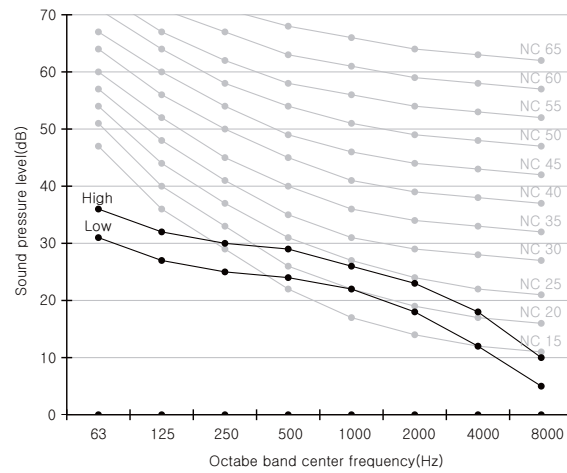
- These operation values were obtained in an anechoic room.
- Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.

NC curve

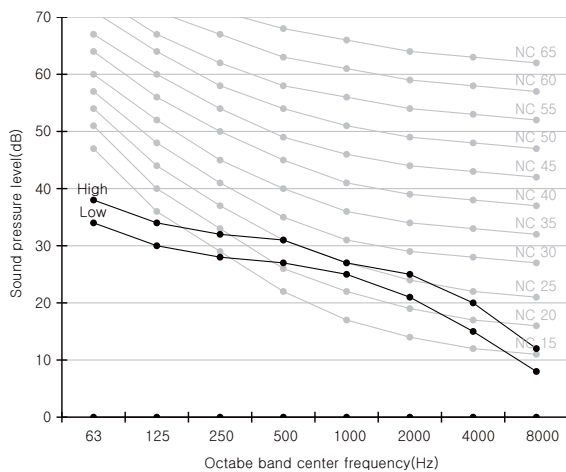
1) AJ009JNLDCH/AA



2) AJ012JNLDCH/AA

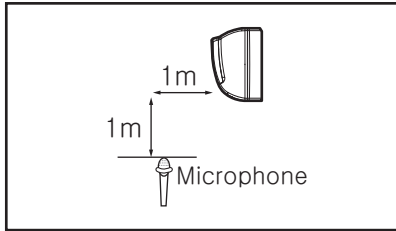


3) AJ018JNLDCH/AA



12 Sound pressure level

AR 5000



Unit: dB(A)

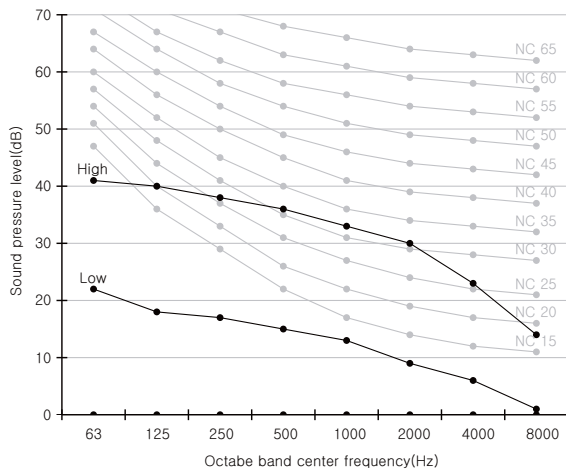
Model	High	Low
AJ007JNADCH/AA	38.0	18.0
AJ009JNADCH/AA	38.0	18.0
AJ012JNADCH/AA	39.0	18.0

Note

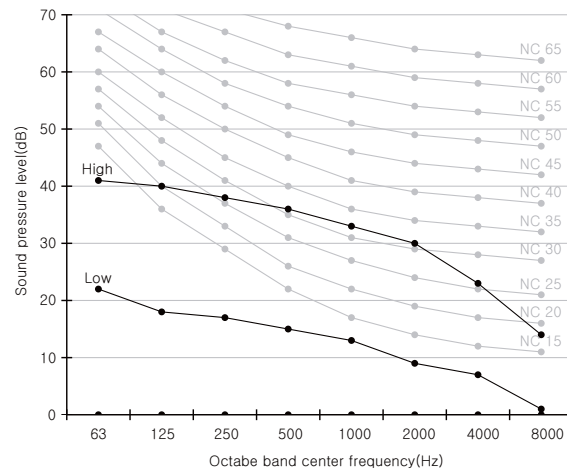
- These operation values were obtained in an anechoic room.
- Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.

NC curve

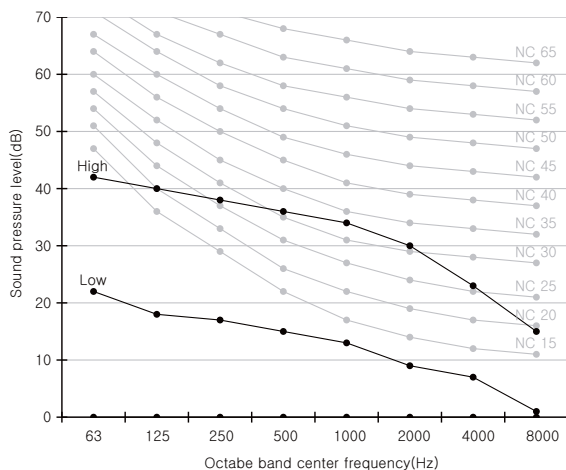
1) AJ007JNADCH/AA



2) AJ009JNADCH/AA

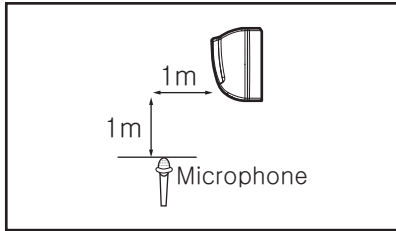


3) AJ012JNADCH/AA



12 Sound pressure level

AR 7000



Unit: dB(A)

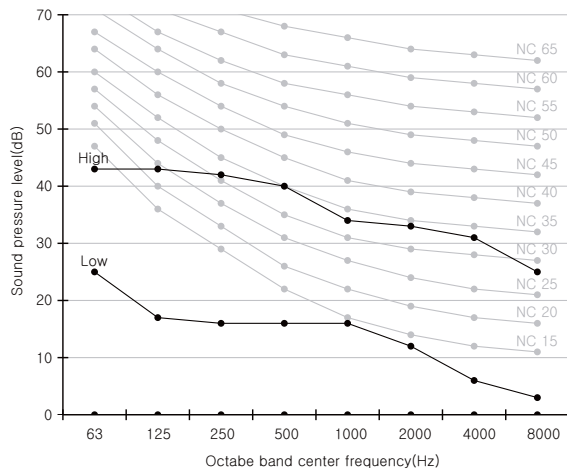
Model	High	Low
AJ018JNADCH/AA	42.0	20.0
AJ024JNADCH/AA	43.0	25.0

Note

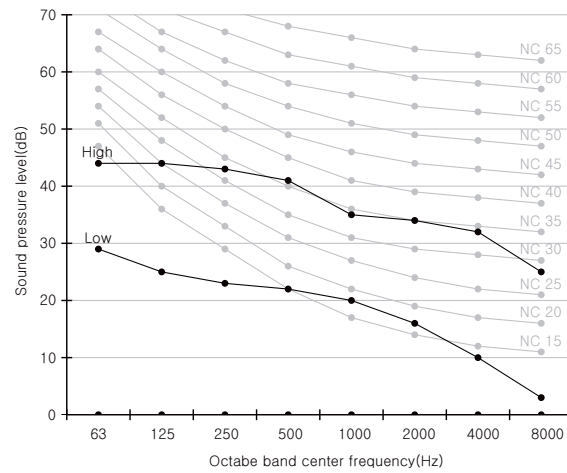
- These operation values were obtained in an anechoic room.
- Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.

NC curve

1) AJ018JNADCH/AA



2) AJ024JNADCH/AA

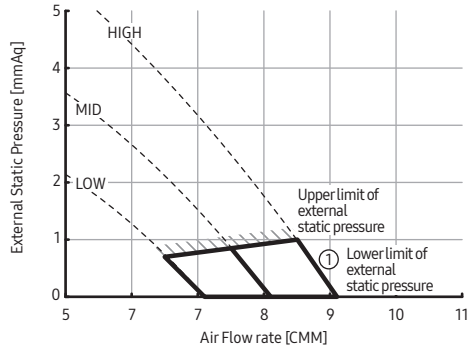


13 Recommended operation range

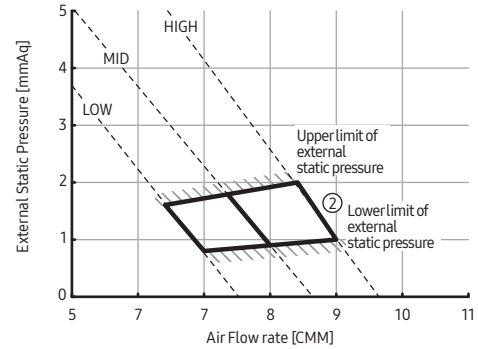
Slim Duct

1) AJ009JNLDCH/AA

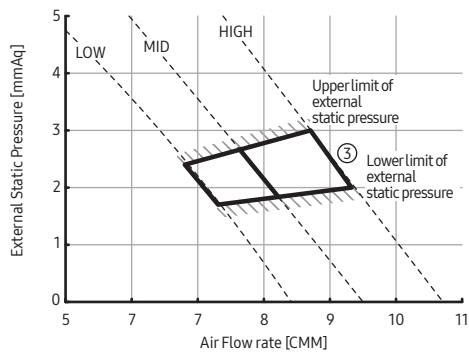
①	External Static Pressure(mmAq)	Option Code
	0 ≤ SP ≤ 1.0	015201-14021C-200001-300000



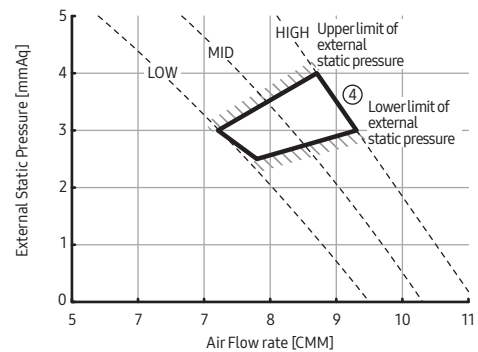
②	External Static Pressure(mmAq)	Option Code
	1 < SP ≤ 2.0(Default)	015201-14023E-200001-300000



③	External Static Pressure(mmAq)	Option Code
	2 < SP ≤ 3.0	015201-140390-200001-300000



④	External Static Pressure(mmAq)	Option Code
	3 < SP ≤ 4.0	015203-1403F9-200001-300000



Note

Adjust option code according to the actual installation condition (external static pressure).

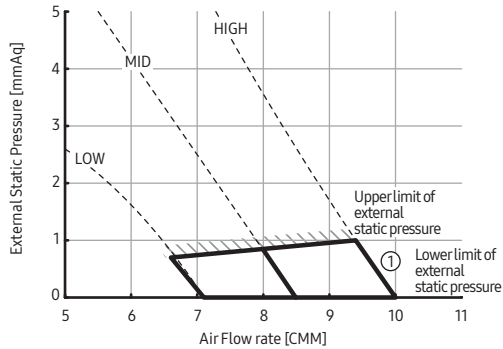
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

13 Recommended operation range

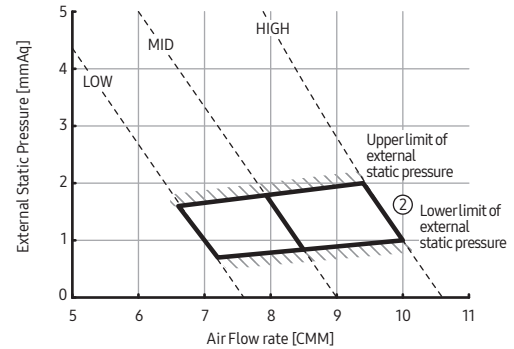
Slim Duct

2) AJ012JNLDCH/AA

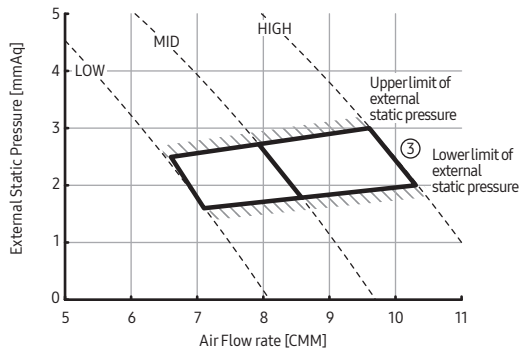
①	External Static Pressure(mmAq)	Option Code
	$0 \leq SP \leq 1.0$	015201-16025F-200001-300000



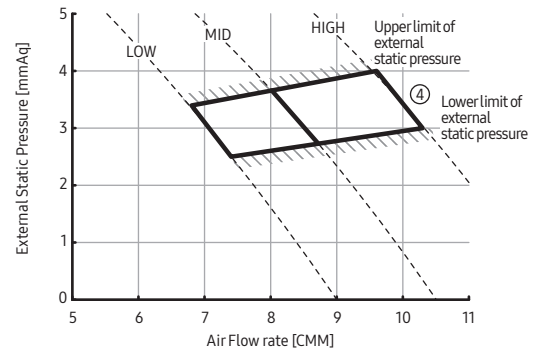
②	External Static Pressure(mmAq)	Option Code
	$1 < SP \leq 2.0$ (Default)	015201-160370-200001-300000



③	External Static Pressure(mmAq)	Option Code
	$2 < SP \leq 3.0$	015203-160183-200001-300000



④	External Static Pressure(mmAq)	Option Code
	$3 < SP \leq 4.0$	015203-1603CE-200001-300000



Note

Adjust option code according to the actual installation condition (external static pressure).

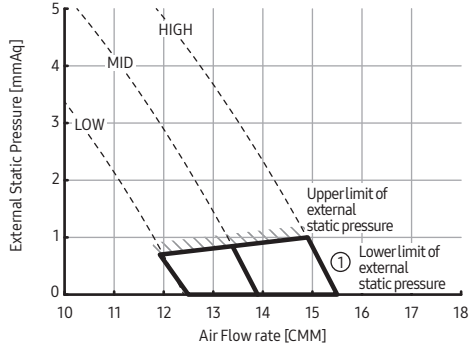
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

13 Recommended operation range

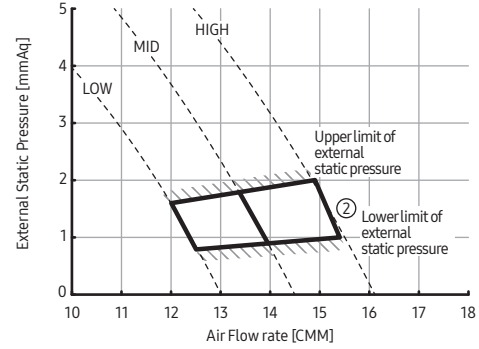
Slim Duct

3) AJ018JNLDCH/AA

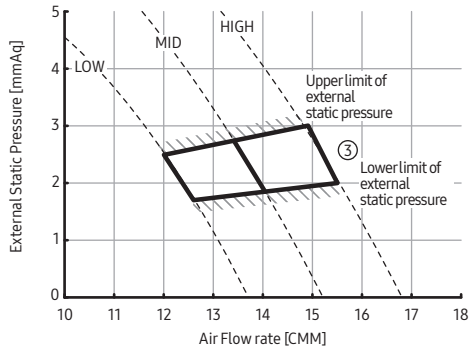
①	External Static Pressure(mmAq)	Option Code
	0 ≤ SP ≤ 1.0	011224-1940D5-200001-300000



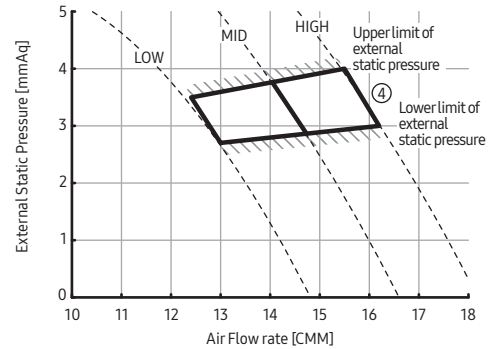
②	External Static Pressure(mmAq)	Option Code
	1 < SP ≤ 2.0(Default)	011224-1940E6-200001-300000



③	External Static Pressure(mmAq)	Option Code
	2 < SP ≤ 3.0	011224-1940F7-200001-300000



④	External Static Pressure(mmAq)	Option Code
	3 < SP ≤ 4.0	011224-194028-200001-300000



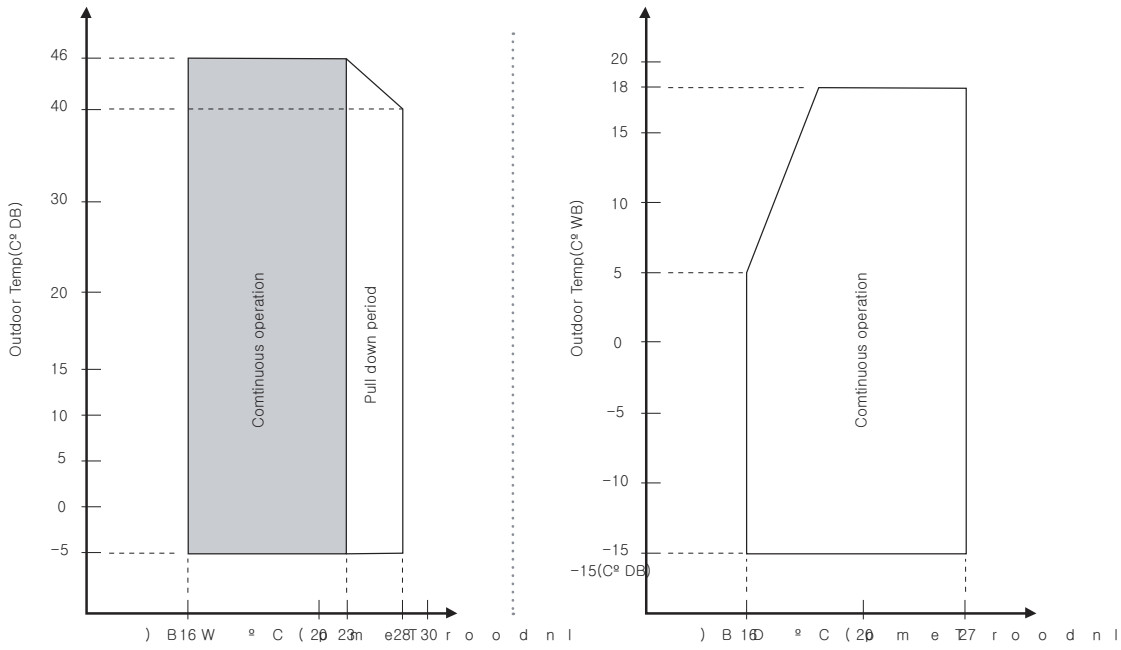
Note

Adjust option code according to the actual installation condition (external static pressure).

The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

14 Operation limit

AJ020JCJ2CH/AA, AJ024JCJ3CH/AA

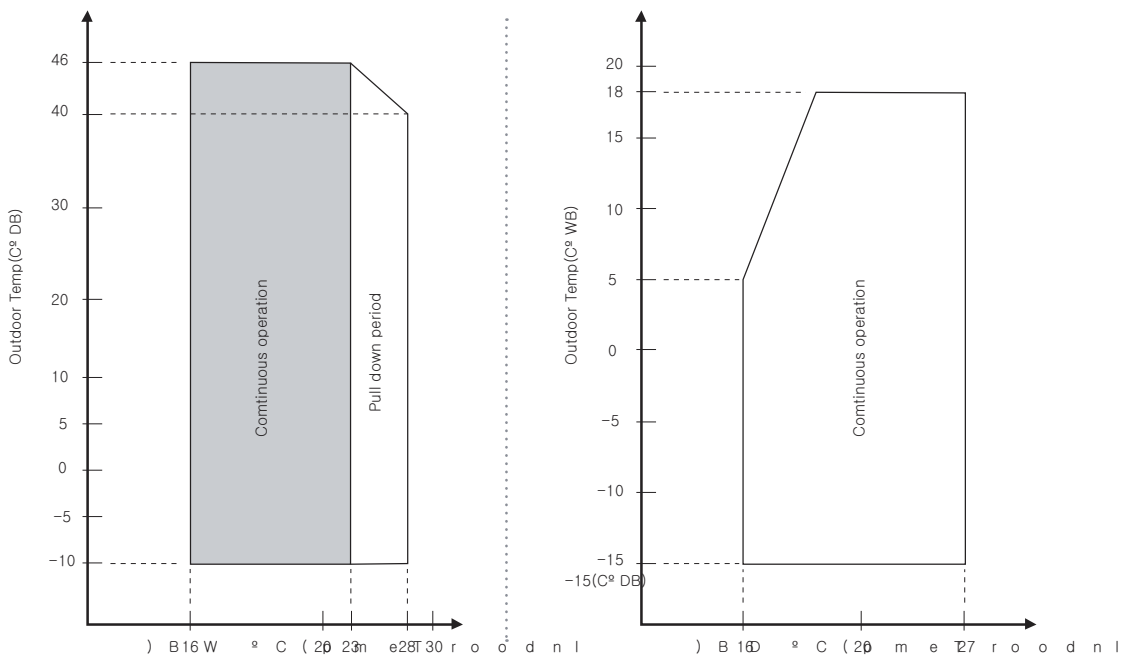


The graphs are based on the following conditions.

1. Equivalent piping length
2. Level difference 0m
3. Air flow rate High

AJ020JCJ2CH/AA, AJ024JCJ3CH/AA : 7.5m

AJ020JCJ2CH/AA, AJ024JCJ3CH/AA



The graphs are based on the following conditions.

1. Equivalent piping length
2. Level difference 0m
3. Air flow rate High

AJ036JCJ5CH/AA : 7.5m

2017.01
Ver.1.2

The Samsung logo, consisting of the word "SAMSUNG" in a bold, sans-serif font, is enclosed within a white oval shape.

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