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	-
Ver.1.3	Modify Pannel Spec of 4Way Cassette(600x600) (Model name, Net/Shipping Weight&Size)	17.03.10	-

Index

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

(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

(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

(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	1,2,208-230,60
Mode			-	HP	HP	HP
Performance	Ton		TON	1.42	1.83	3.00
	Capacity (Nominal)	Cooling	kW	4.98	6.45	10.55
			Btu/h	17,000	22,000	36,000
			US RT	1.42	1.83	3.00
		Heating	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		dBA	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		ºC	-5.0 ~ 46.0	-5.0 ~ 46.0	-10.0 ~ 46.0
			ºF	23.0 ~ 114.8	23.0 ~ 114.8	14.0 ~ 114.8
	Heating		ºC	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0
			ºF	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	HP
Performance	Ton		Ton	0.74	0.99	1.48
	Capacity (Nominal)	Cooling	kW	2.61	3.49	5.19
			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	W	19.00	22.00	28.00
		Heating		19.00	22.00	28.00
	Current Input (Nominal)	Cooling	A	0.51	0.52	0.53
		Heating		0.51	0.52	0.53
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan
		Output x n	W	65 x 1	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	1.0
	Transmission Cable		-	0.75 - 1.00	0.75 - 1.00	0.75 - 1.00
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Pressure	High/Low	dBA	33.0 / 27.0	35.0 / 27.0	39.0 / 32.0
	Power	Cooling		47.0	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		-	PC4SUSMC / PC4SUSMG	PC4SUSMC / PC4SUSMG	PC4SUSMC / PC4SUSMG
	Panel New Weight		kg	2.3	2.3	2.3
			lbs	5.07	5.07	5.07
	Shipping Weight		kg	3.5	3.5	3.5
			lbs	7.72	7.72	7.72
	Net Dimensions (WxHxD)		mm	620 x 45 x 620	620 x 45 x 620	620 x 45 x 620
			inch	24.40 x 1.77 x 24.40	24.40 x 1.77 x 24.40	24.40 x 1.77 x 24.40
	Shipping Dimensions (WxHxD)		mm	661 x 106 x 671	661 x 106 x 671	661 x 106 x 671
			inch	26.02 x 4.17 x 26.42	26.02 x 4.17 x 26.42	26.02 x 4.17 x 26.42
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
Mode			-	HP	HP	HP
Performance	Ton		Ton	0.75	1.00	1.50
	Capacity (Nominal)	Cooling	kW	2.64	3.52	5.28
			Btu/h	9,000	12,000	18,000
			US RT	0.75	1.00	1.50
		Heating	kW	2.93	3.81	5.57
			Btu/h	10,000	13,000	19,000
			US RT	0.83	1.08	1.58
Power	Power Input (Nominal)	Cooling	W	76.00	76.00	150.00
		Heating		76.00	76.00	150.00
	Current Input (Nominal)	Cooling	A	0.35	0.35	0.69
		Heating		0.35	0.35	0.69
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output x n	W	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
	External Pressure	Min / Std / Max	Pa	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
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	1.0
	Transmission Cable		-	0.75 - 1.50	0.75 - 1.50	0.75 - 1.50
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	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
	Power	Cooling		-	-	-
Dimension	Net Weight		kg	23.30	23.30	29.00
			lbs	51.37	51.37	63.93
	Shipping Weight		kg	29.00	29.00	35.30
			lbs	63.93	63.93	77.82
	Net Dimensions (WxHxD)		mm	900 x 199 x 600	900 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
	Shipping Dimensions (WxHxD)		mm	1,151 x 280 x 709	1151 x 280 x 709	1351 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
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
		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

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		Ton	0.58	0.75	1.00
	Capacity (Nominal)	Cooling	kW	2.05	2.64	3.52
			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	30.00
		Heating		30.00	30.00	30.00
	Current Input (Nominal)	Cooling	A	0.30	0.30	0.30
		Heating		0.30	0.30	0.30
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output x n	W	27 x 1	27 x 1	27 x 1
	Air Flow	H/M/L	CFM	296.65 / 261.34 / 247.21	353.16 / 300.19 / 264.87	388.48 / 317.84 / 264.87
	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	9.52
			Ø, inch	3/8"	3/8"	3/8"
	Drain Pipe		Ø, inch	ID 0.71 HOSE	ID 0.71 HOSE	ID 0.71 HOSE
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
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Pressure	Turbo/Low	dBA	38.0 / 18.0	38.0 / 18.0	39.0 / 18.0
	Power	Cooling		54.0	54.0	54.0
Dimension	Net Weight		kg	9.50	9.50	9.50
			lbs	20.94	20.94	20.94
	Shipping Weight		kg	11.30	11.30	11.30
			lbs	24.91	24.91	24.91
	Net Dimensions (WxHxD)		mm	826 x 261 x 261	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	32.52 x 10.28 x 10.28
	Shipping Dimensions (WxHxD)		mm	886 x 317 x 335	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	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		-	-	-	-

- 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 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	HP
Performance	Ton		Ton	1.42	1.83
	Capacity (Nominal)	Cooling	kW	5.01	6.45
			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	50.00
		Heating		50.00	50.00
	Current Input (Nominal)	Cooling	A	0.40	0.40
		Heating		0.40	0.40
Fan	Motor	Type	-	Cross flow Fan	Cross flow Fan
		Output x n	W	27 x 1	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	43.0 / 25.0
	Power	Cooling		58.0	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	2.60
	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
	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					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
	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					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	11.48
	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	10.15
	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	7.20	10.10	9.50	36.00	36.00	0.60	3.45	3.45	2.90	16.50	16.50	10.44
	7	9	9	9	9	6.00	7.50	7.50	7.50	7.50	9.50	36.00	36.00	0.60	3.45	3.45	2.90	16.50	16.50	10.44
	9	9	9	9	9	7.20	7.20	7.20	7.20	7.20	9.50	36.00	36.00	0.60	3.45	3.45	2.90	16.50	16.50	10.44

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	3.36
	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
	9	18	18			8.00	15.00	15.00			7.60	38.00	40.00	0.45	3.16	3.90	2.20	15.10	18.70	3.52
	12	12	12			11.60	11.60	11.40			7.60	34.90	36.20	0.45	2.97	3.53	2.20	14.20	16.90	3.44
	12	12	18			10.90	10.90	16.30			7.60	38.00	40.00	0.45	3.10	3.86	2.20	14.80	18.50	3.59
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

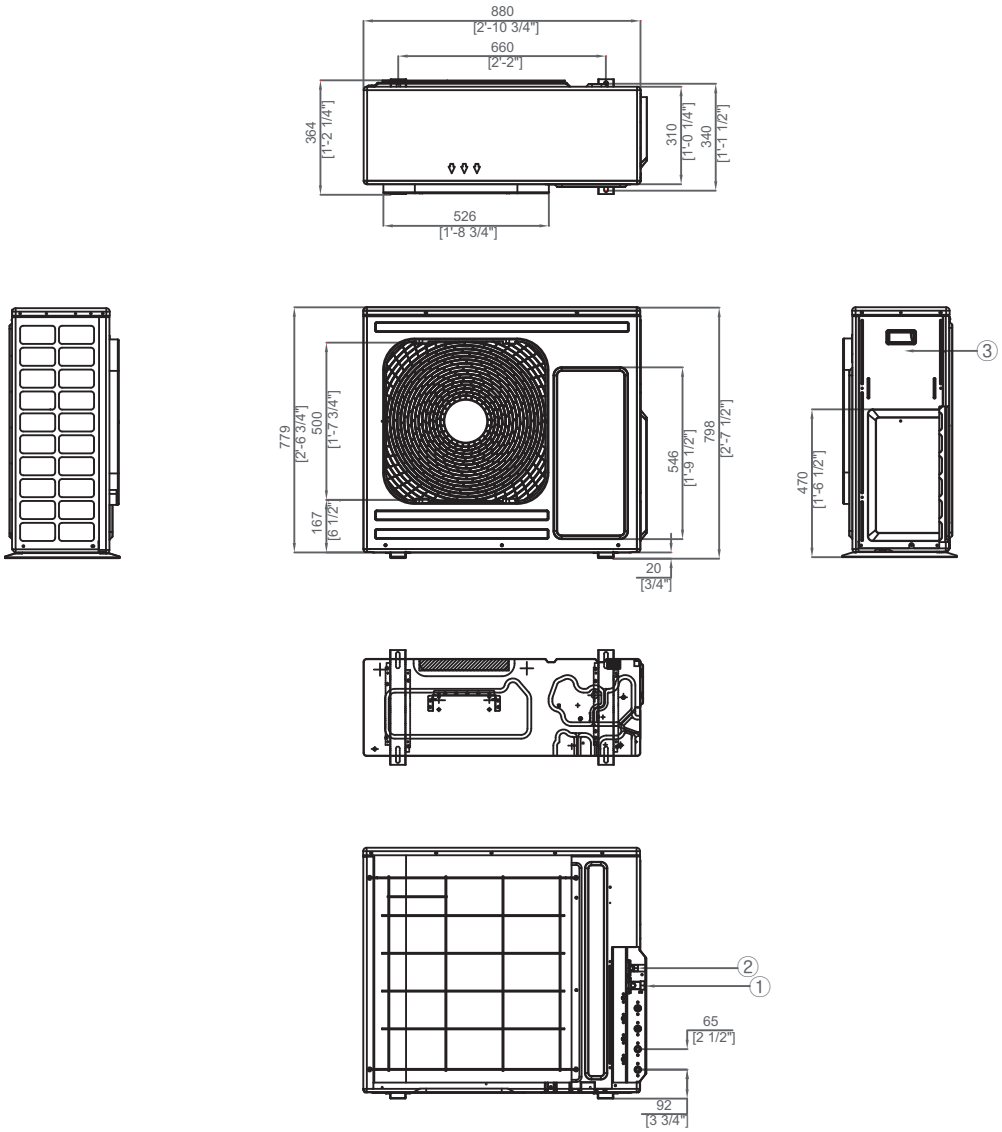


Table of descriptions			
1	Refrigerant gas pipe	7	
2	Refrigerant liquid pipe	8	
3	Power & Comm. wiring conduits	9	
4		10	
5		11	
6		12	

5 Dimensional drawing

Outdoor

AJ036JCJ5CH/AA

Units : mm / inches

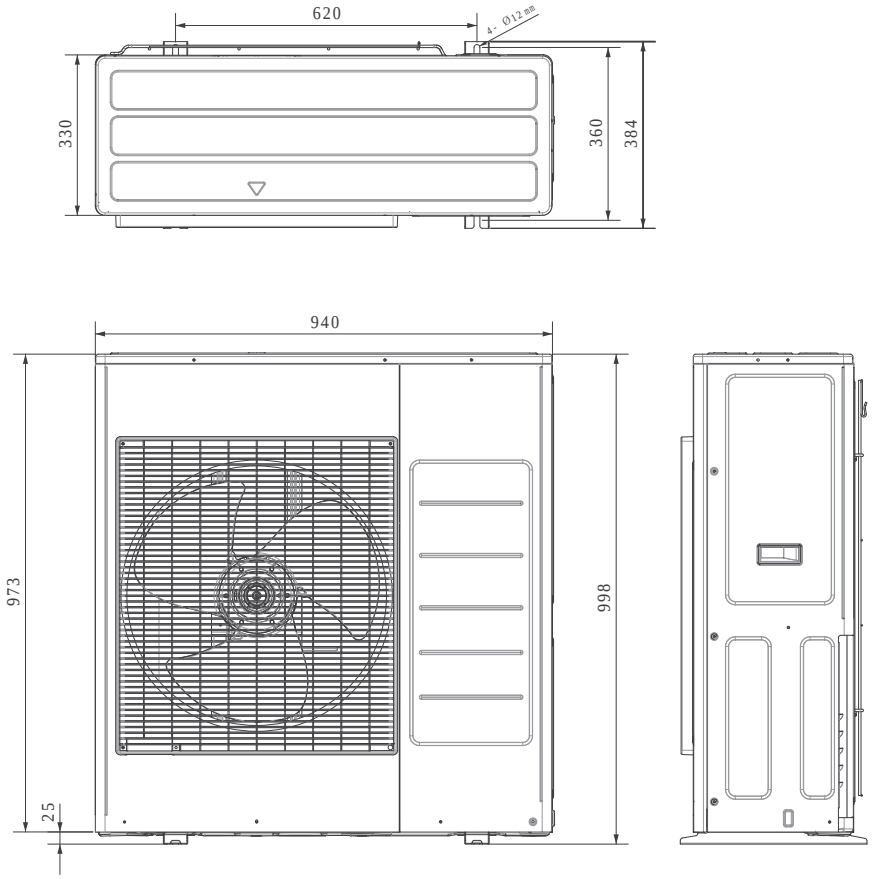


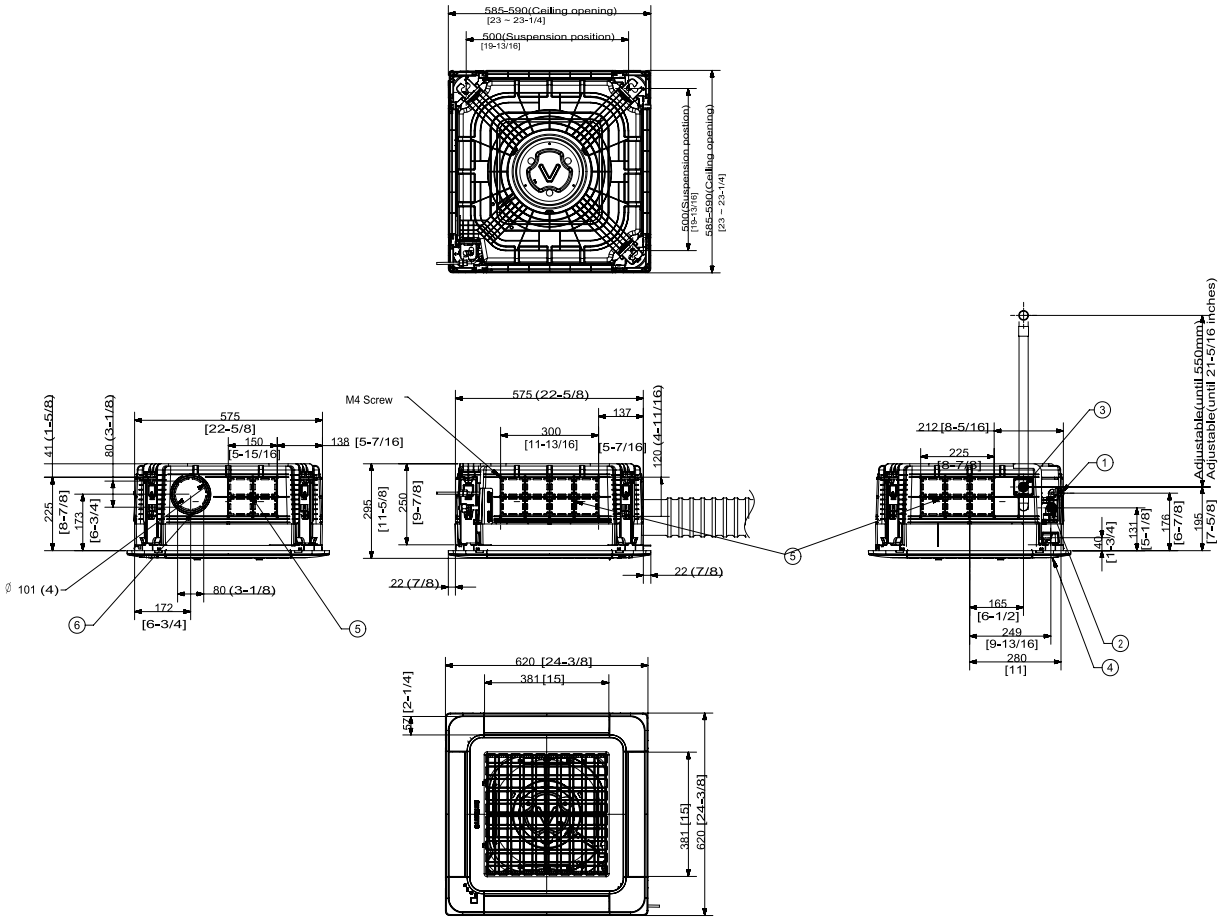
Table of descriptions			
1	Refrigerant gas pipe	7	
2	Refrigerant liquid pipe	8	
3	Drain Hole	9	
4	Power & Comm. wiring conduits	10	
5		11	
6		12	

6 Dimensional drawing

4 Way Cassette(600 x 600)

AJ009JNNDCH/AA, AJ012JNNDCH/AA, AJ018JNNDCH/AA

Unit:mm

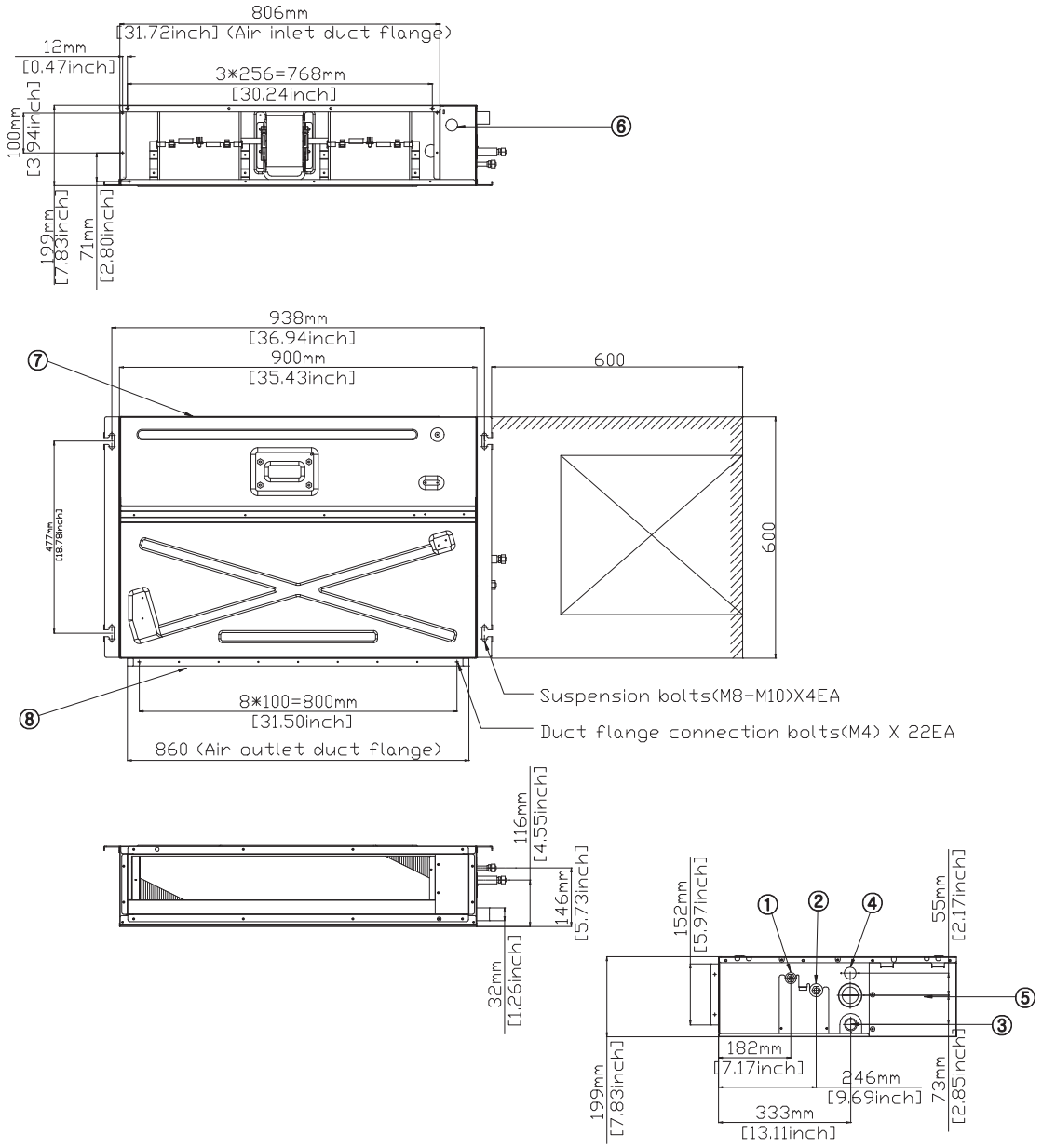


No.	Name	Description	
		009 / 012	018
①	Liquid pipe connection	Ø6.35mm (1/4") Flare	
②	Gas pipe connection	Ø9.52mm(3/8")Flare	Ø12.70mm(1/2")Flare
③	Drain pipe connection	VP25 (OD32, ID25)	
④	Conduit for power supply & communication wiring	–	
⑤	Sub duct connection	Use M4 Screw	
⑥	Fresh air intake knockout hole	Ø101[4] , Use M4 Screw	

6 Dimensional drawing

Slim Duct

AJ009JNLDCH/AA, AJ012JNLDCH/AA

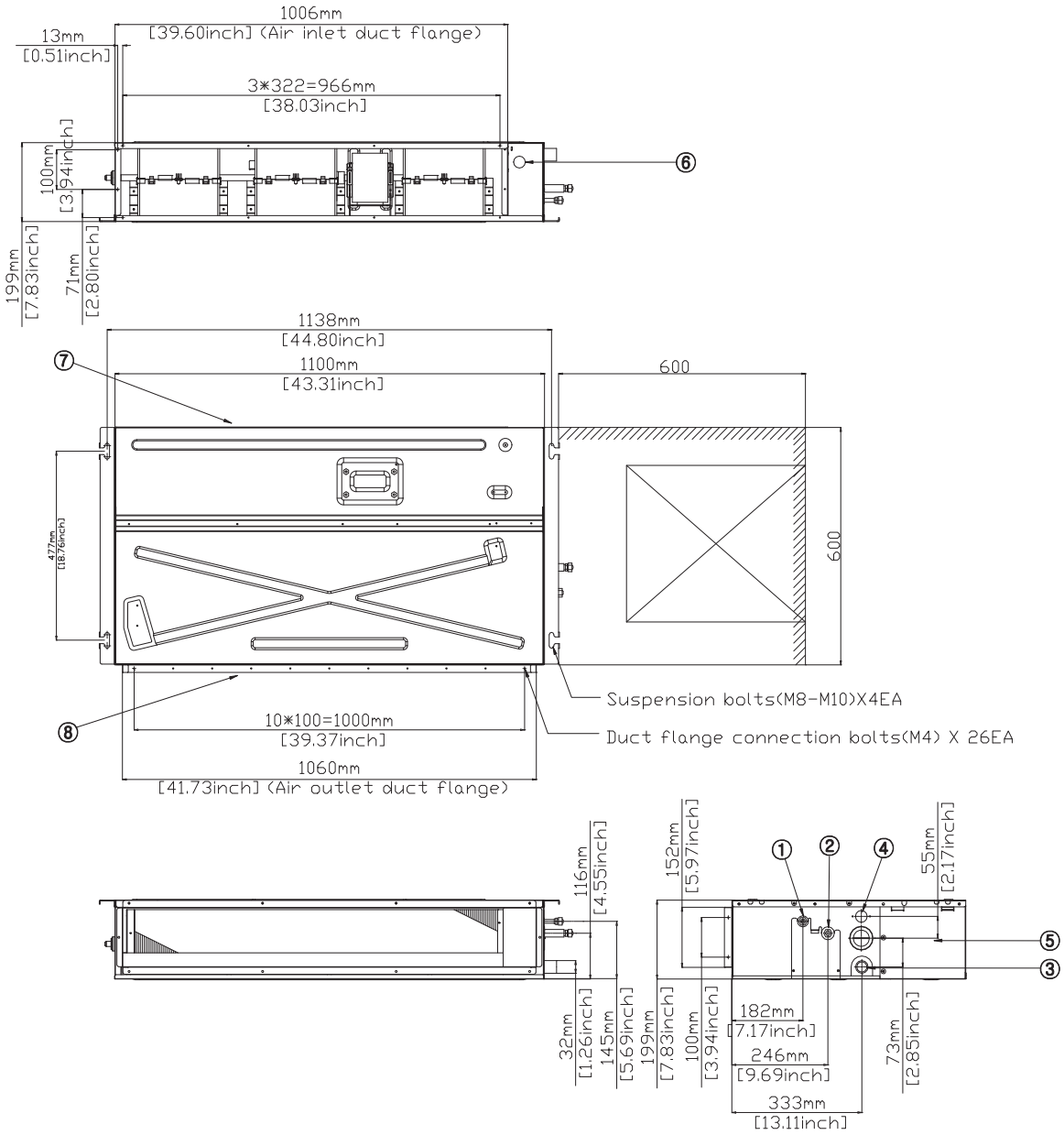


No.	Name	No.	Name
①	Liquid Ref. Pipe	⑤	Control unit
②	Gas Ref. Pipe	⑥	Power & Communication Wiring Conduit
③	Drain Pipe Connection without optional drain pump kits	⑦	Return air side
④	Drain Pipe Connection with optional drain pump kits	⑧	Air outlet duct flange

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

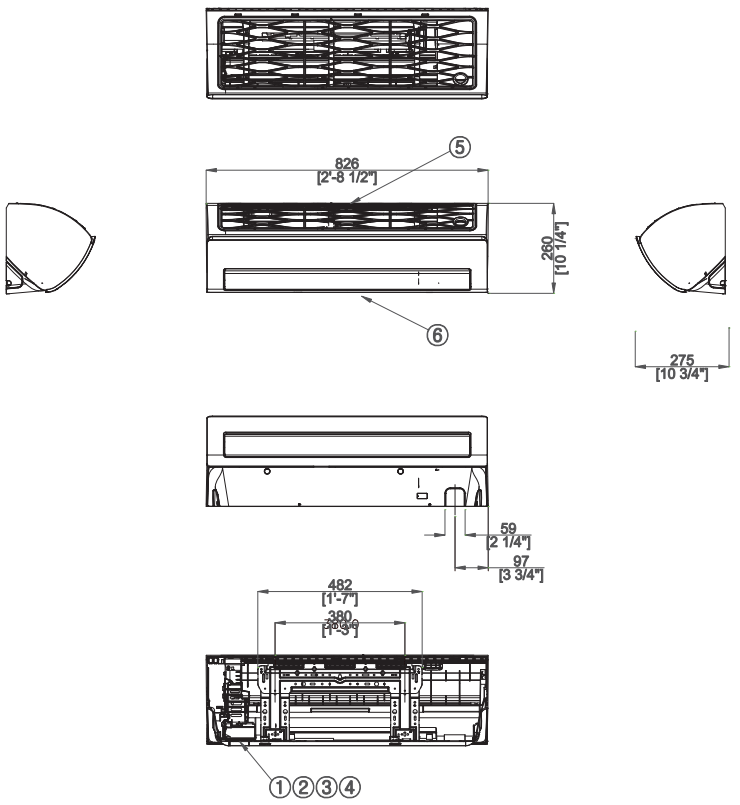


Table of descriptions			
1	Refrigerant gas pipe	7	
2	Refrigerant liquid pipe	8	
3	Condensate drain	9	
4	Power & Comm. wiring conduits	10	
5	Air Inlet grille	11	
6	Air Outlet louver	12	

6 Dimensional drawing

AR 7000

AJ018JNADCH/AA, AJ024JNADCH/AA

Units : mm / inches

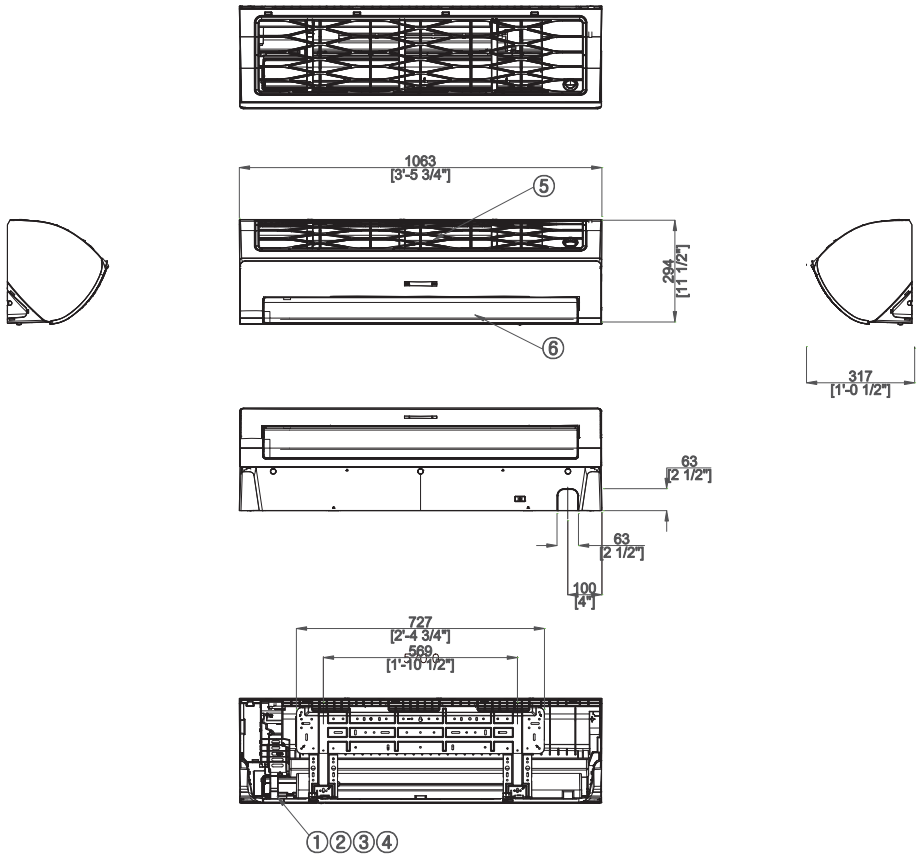
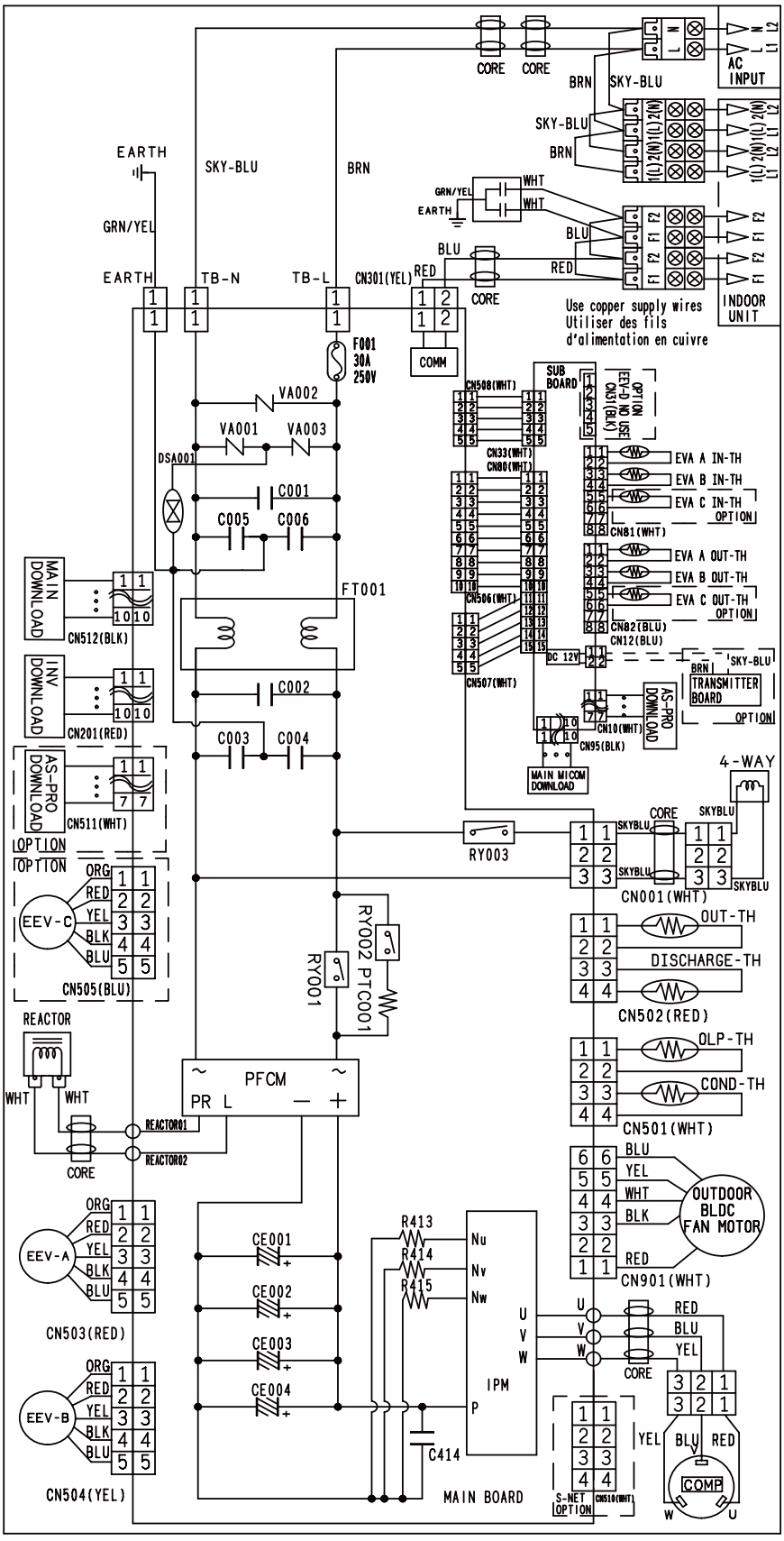


Table of descriptions			
1	Refrigerant gas pipe	7	
2	Refrigerant liquid pipe	8	
3	Condensate drain	9	
4	Power & Comm. wiring conduits	10	
5	Air Inlet grille	11	
6	Air Outlet louver	12	

7 Electrical wiring diagram

Outdoor

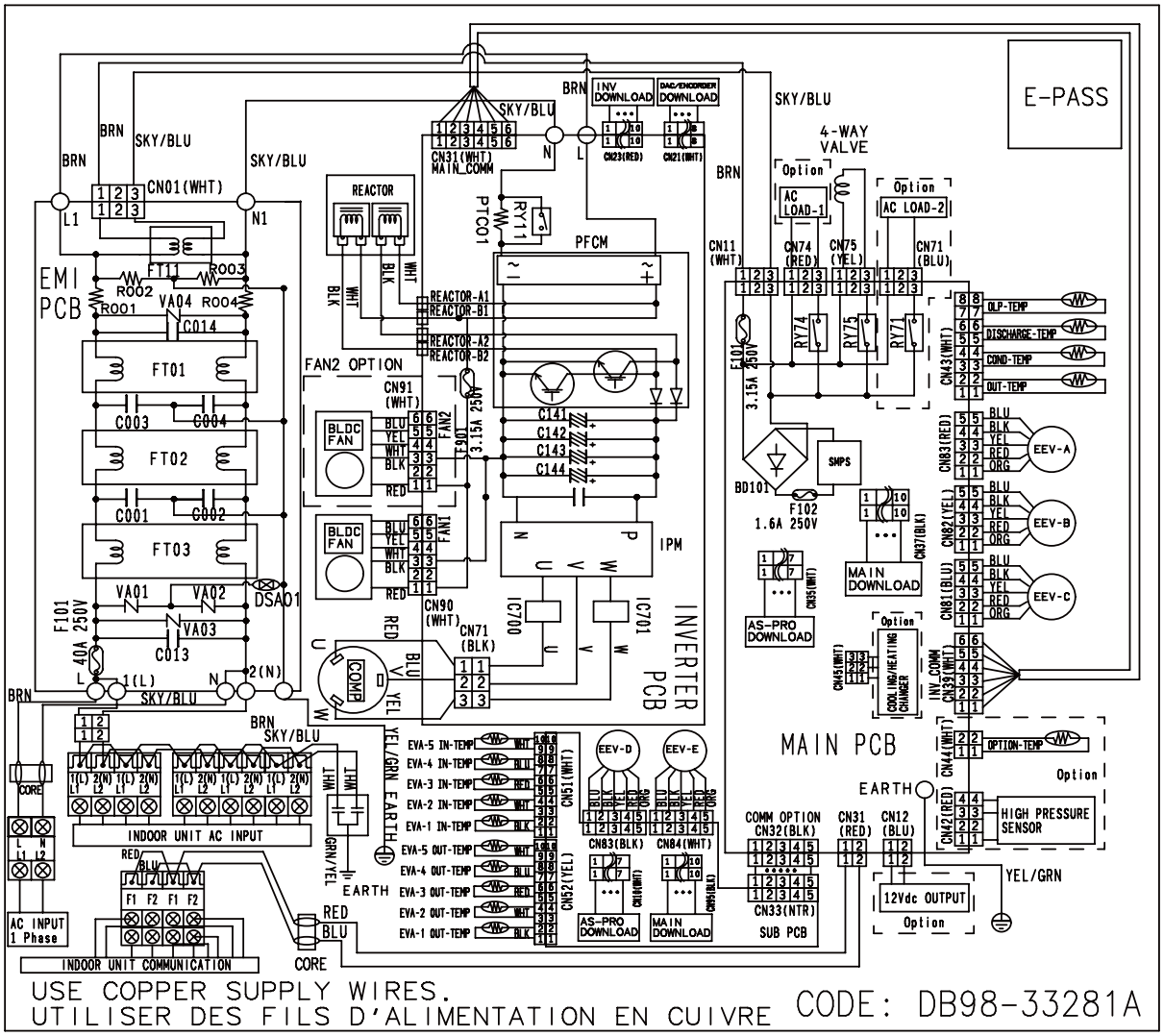
AJ020JCJ2CH/AA, AJ024JCJ3CH/AA



7 Electrical wiring diagram

Outdoor

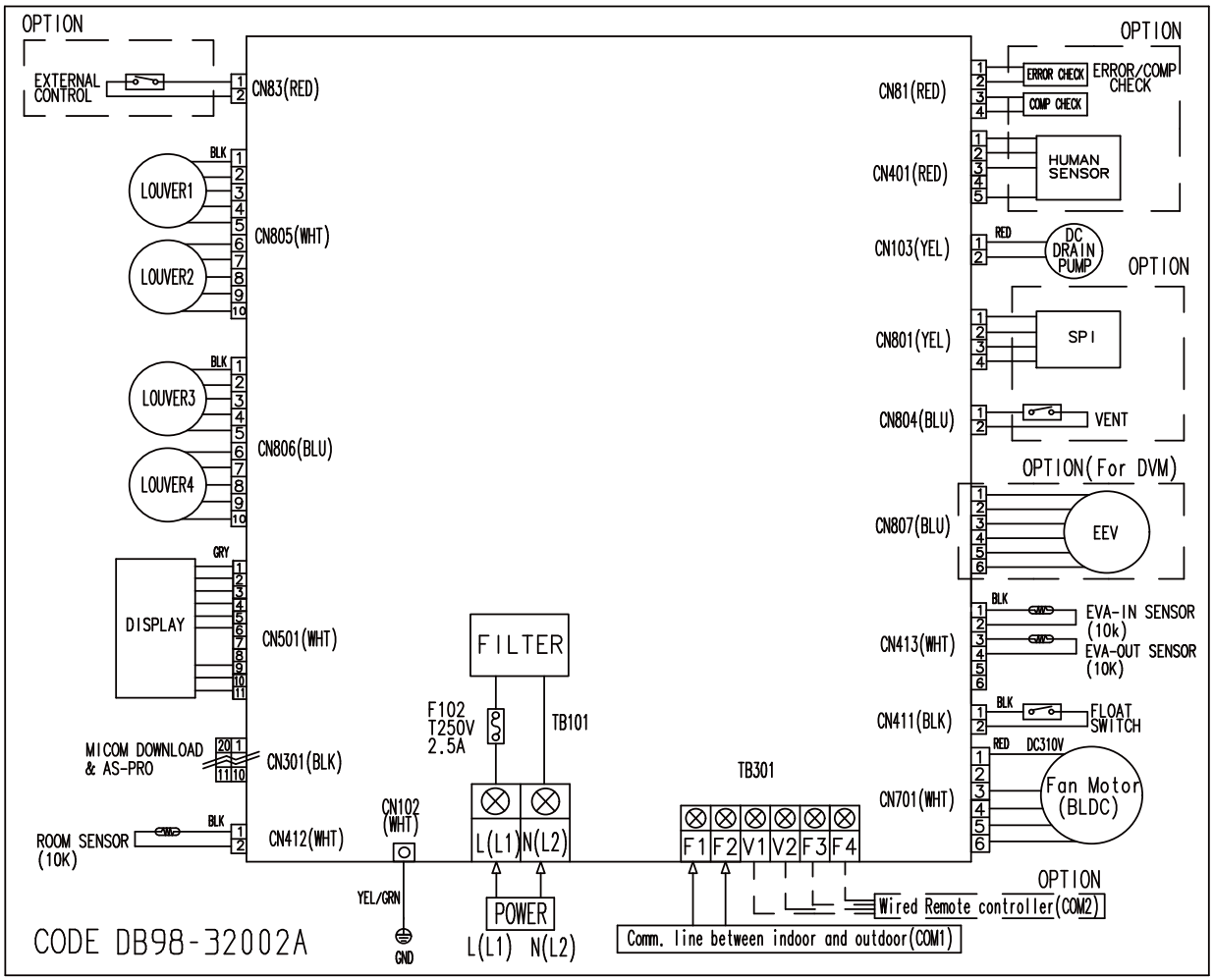
AJ036JCJ5CH/AA



8 Electrical wiring diagram

4 Way Cassette(600 x 600)

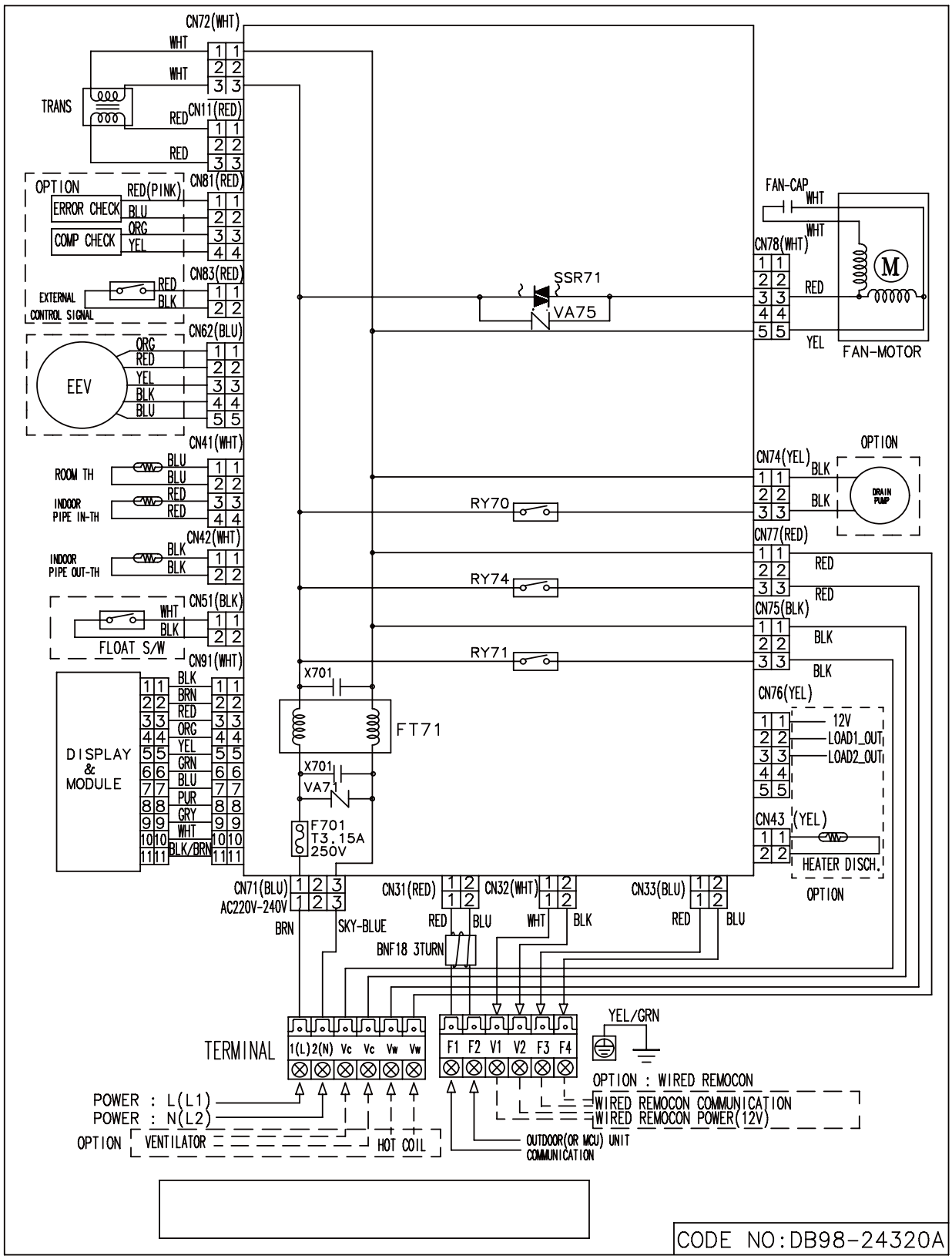
AJ009JNNDCH/AA, AJ012JNNDCH/AA, AJ018JNNDCH/AA



8 Electrical wiring diagram

Slim Duct

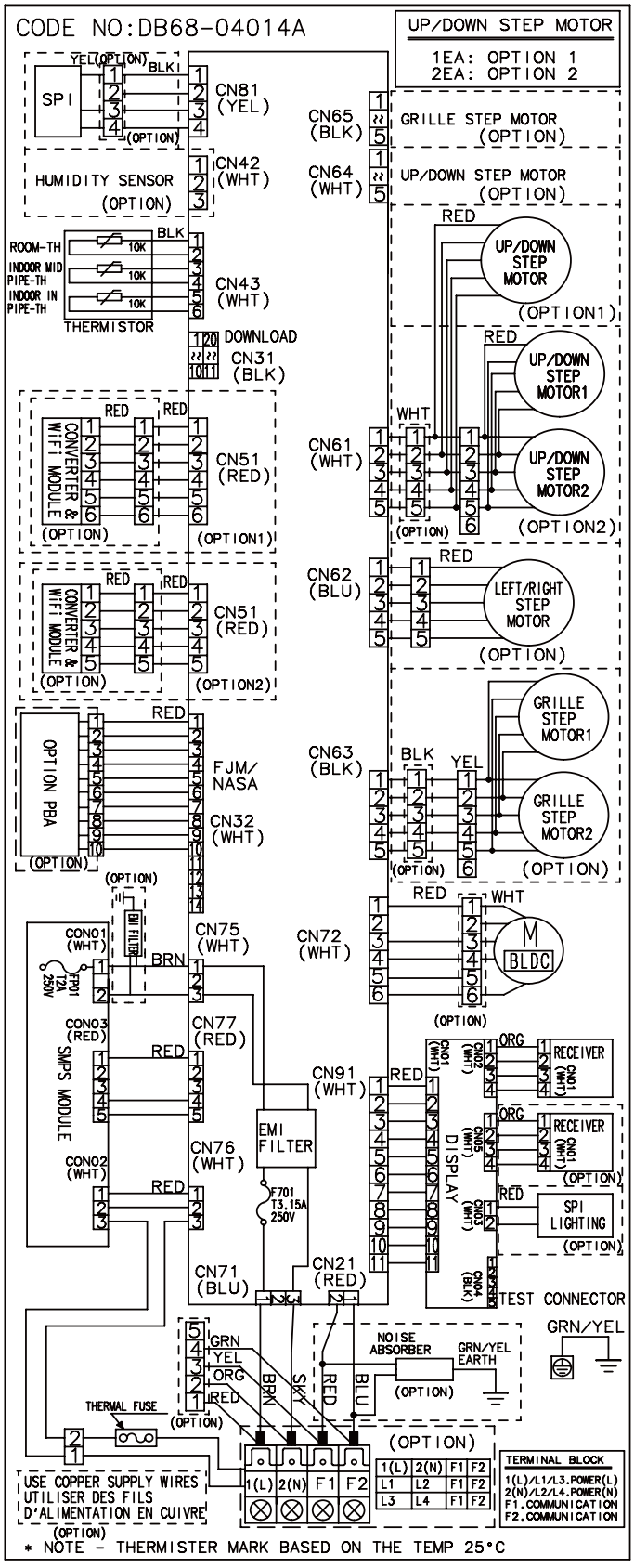
AJ009JNLDCH/AA, AJ012JNLDCH/AA, AJ018JNLDCH/AA



8 Electrical wiring diagram

AR 5000, AR 7000

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



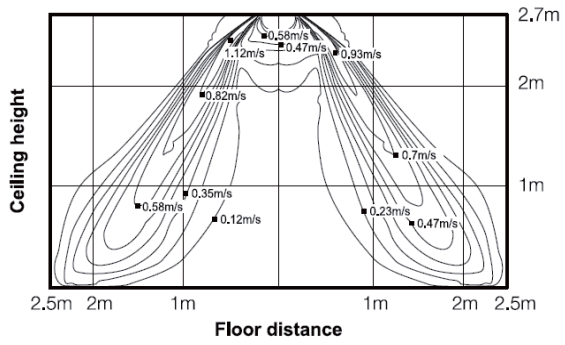
9 Temperature and air flow distribution

4 Way Cassette(600 x 600)

AJ009JNNDCH/AA

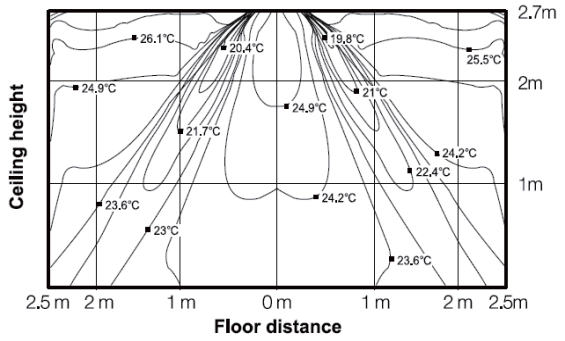
(1) Cooling air velocity distribution

Discharge angle : 41º



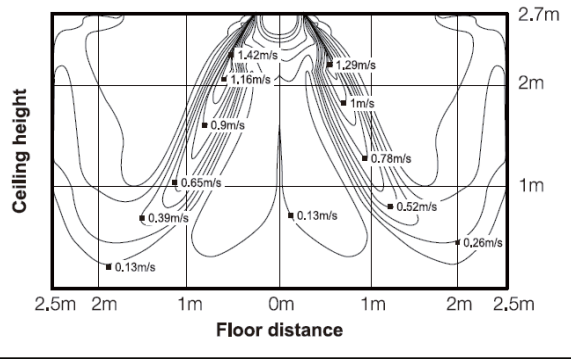
(2) Cooling temperature distribution

Discharge angle : 41º



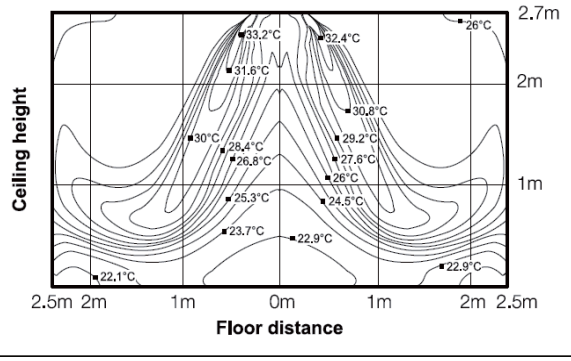
(3) Heating air velocity distribution

Discharge angle : 52º



(4) Heating temperature distribution

Discharge angle : 52º



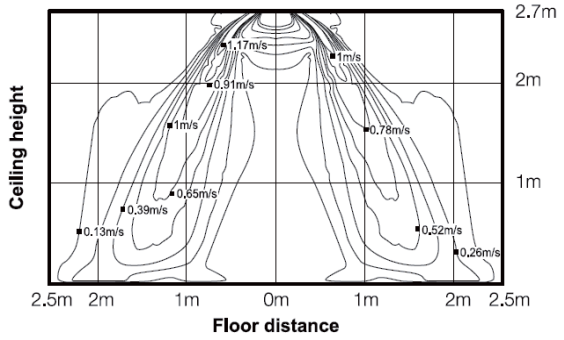
9 Temperature and air flow distribution

4 Way Cassette(600 x 600)

AJ012JNNDCH/AA

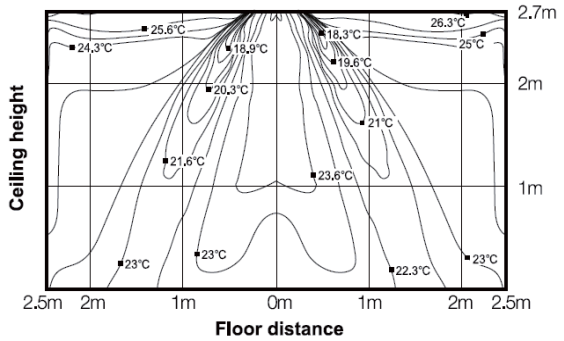
(1) Cooling air velocity distribution

Discharge angle : 41º



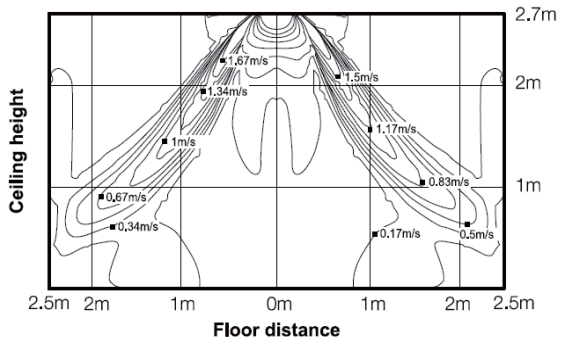
(2) Cooling temperature distribution

Discharge angle : 41º



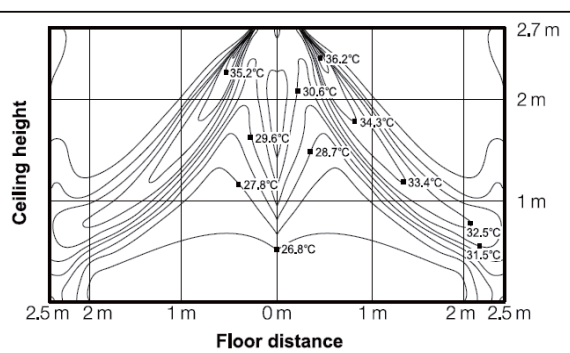
(3) Heating air velocity distribution

Discharge angle : 52º



(4) Heating temperature distribution

Discharge angle : 52º



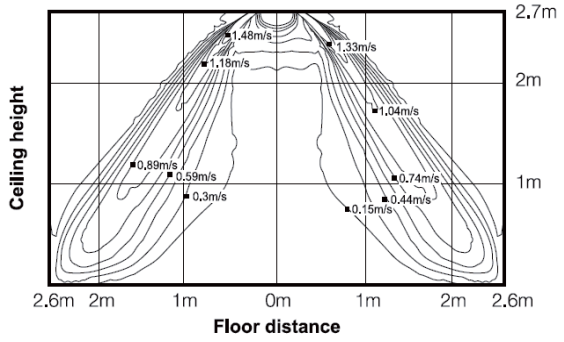
9 Temperature and air flow distribution

4 Way Cassette(600 x 600)

AJ018JNNDCH/AA

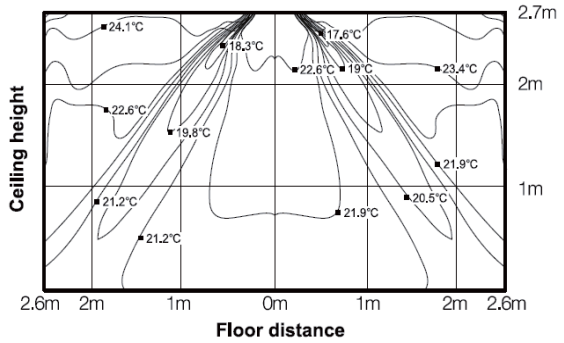
(1) Cooling air velocity distribution

Discharge angle : 41º



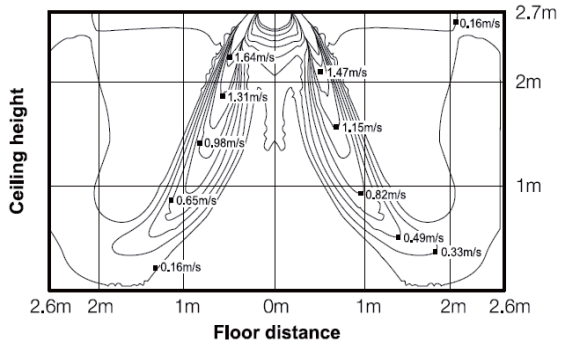
(2) Cooling temperature distribution

Discharge angle : 41º



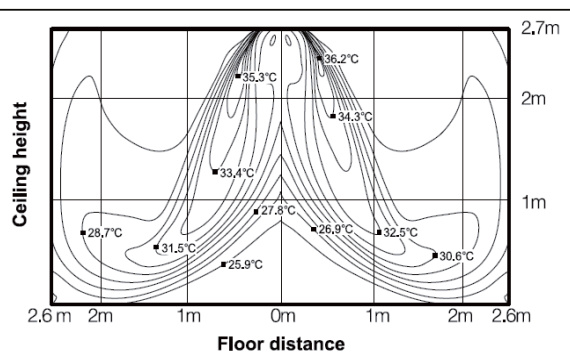
(3) Heating air velocity distribution

Discharge angle : 52º



(4) Heating temperature distribution

Discharge angle : 52º



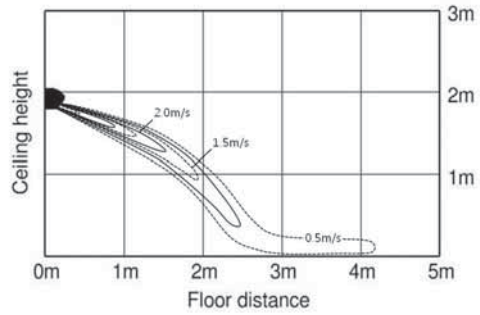
9 Temperature and air flow distribution

AR 5000

AJ009JNADCH/AA

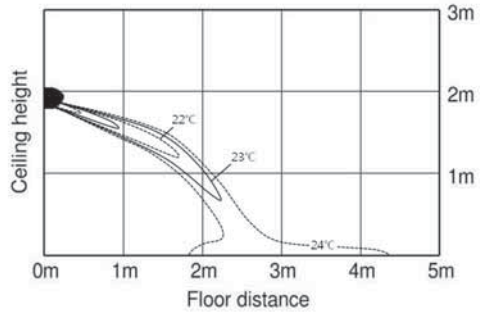
(1) Cooling air velocity distribution

Discharge angle : 18º



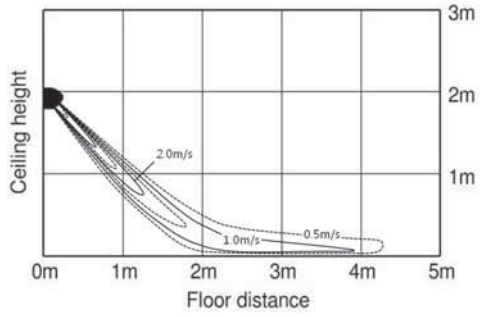
(2) Cooling temperature distribution

Discharge angle : 18º



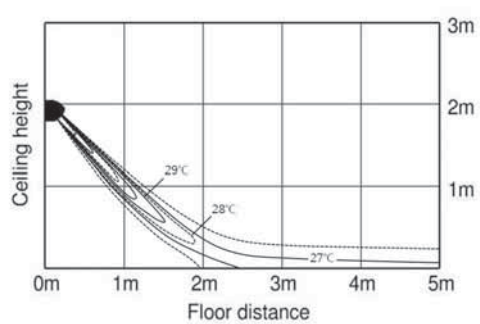
(3) Heating air velocity distribution

Discharge angle : 46º



(4) Heating temperature distribution

Discharge angle : 46º



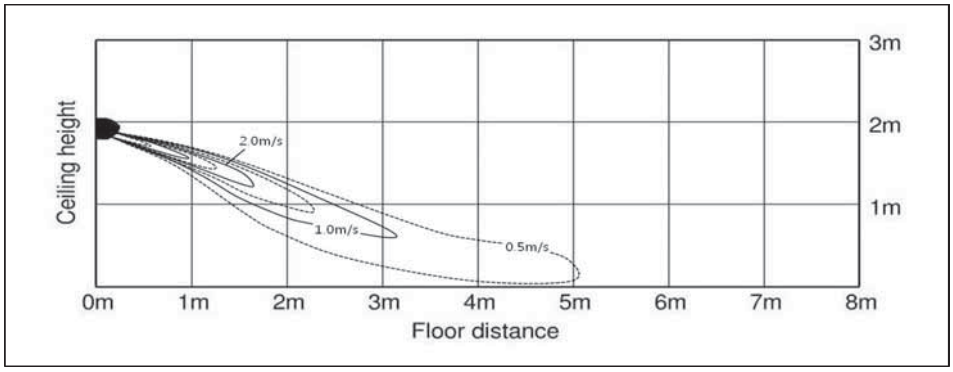
9 Temperature and air flow distribution

AR 5000

AJ012JNADCH/AA

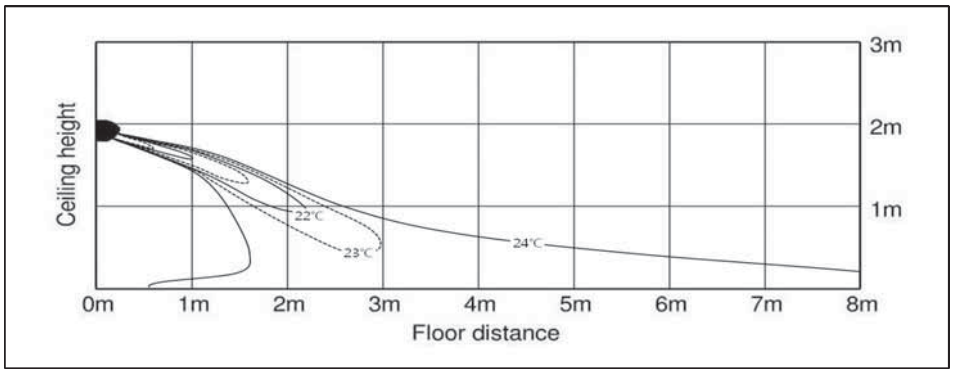
(1) Cooling air velocity distribution

Discharge angle : 18º



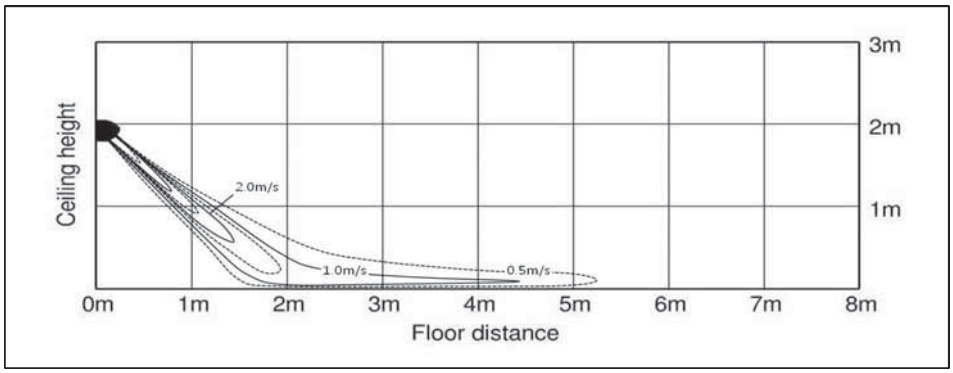
(2) Cooling temperature distribution

Discharge angle : 18º



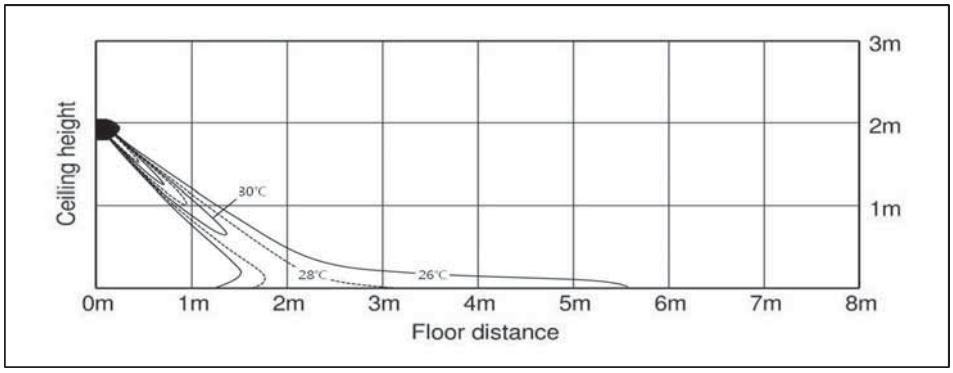
(3) Heating air velocity distribution

Discharge angle : 46º



(4) Heating temperature distribution

Discharge angle : 46º



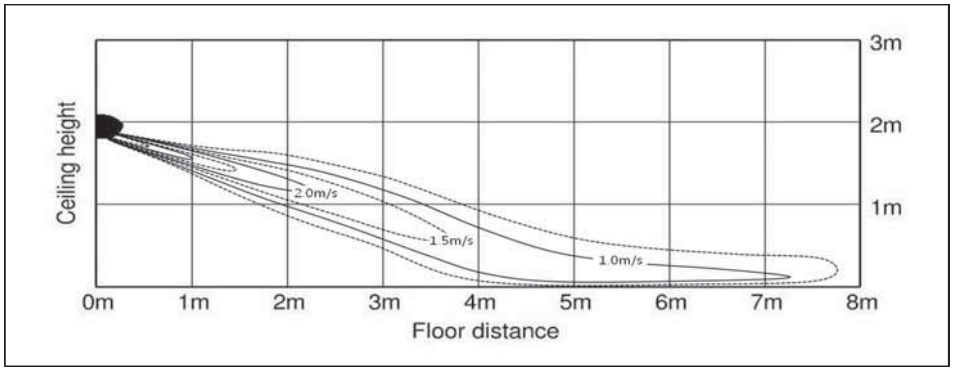
9 Temperature and air flow distribution

AR 7000

AJ018JNADCH/AA

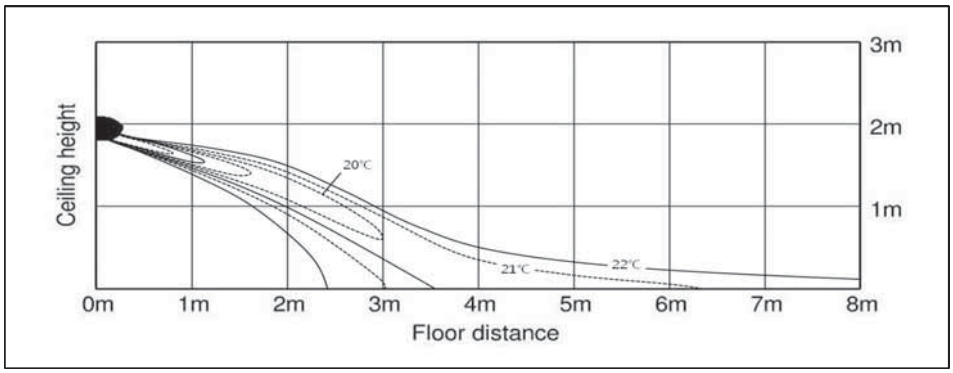
(1) Cooling air velocity distribution

Discharge angle : 18º



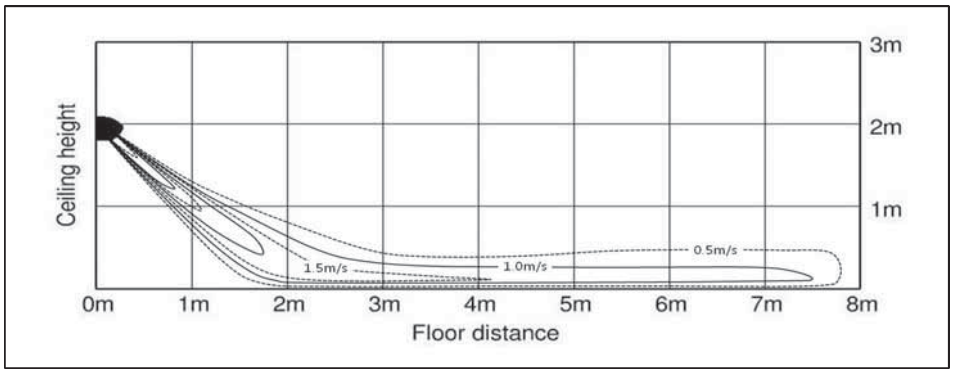
(2) Cooling temperature distribution

Discharge angle : 18º



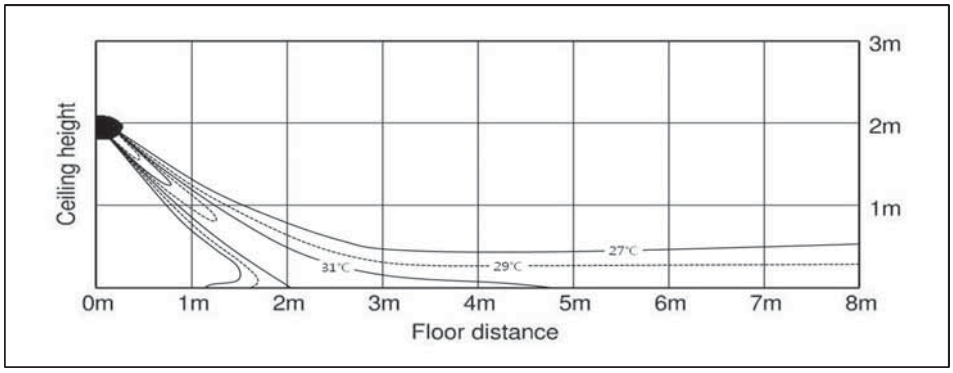
(3) Heating air velocity distribution

Discharge angle : 46º



(4) Heating temperature distribution

Discharge angle : 46º



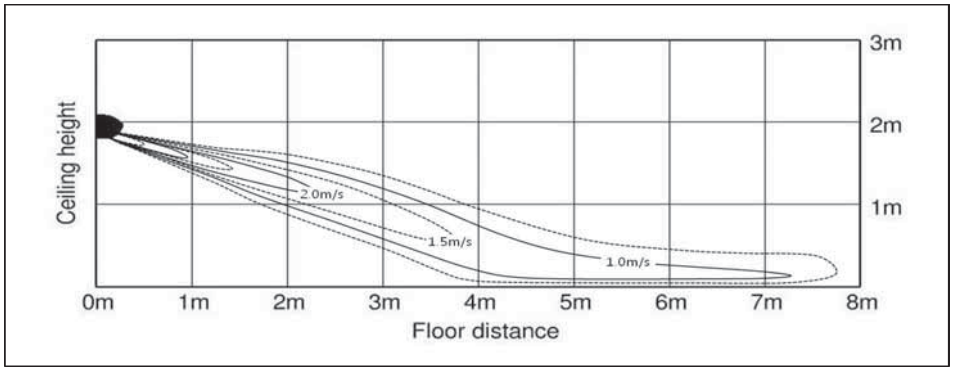
9 Temperature and air flow distribution

AR 7000

AJ024JNADCH/AA

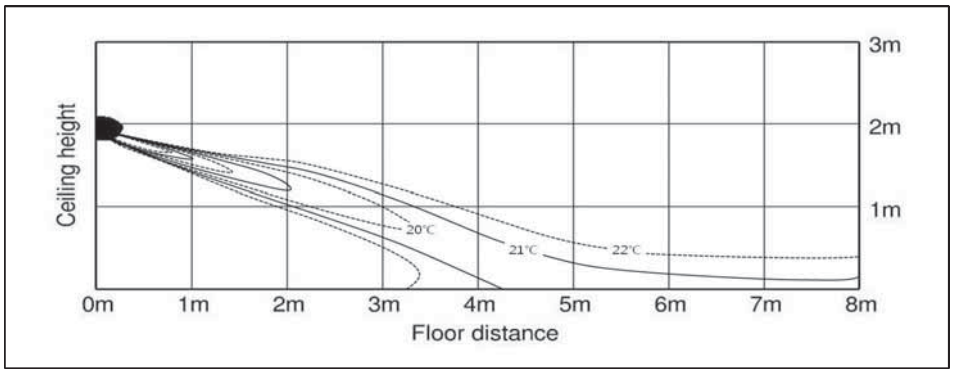
(1) Cooling air velocity distribution

Discharge angle : 18º



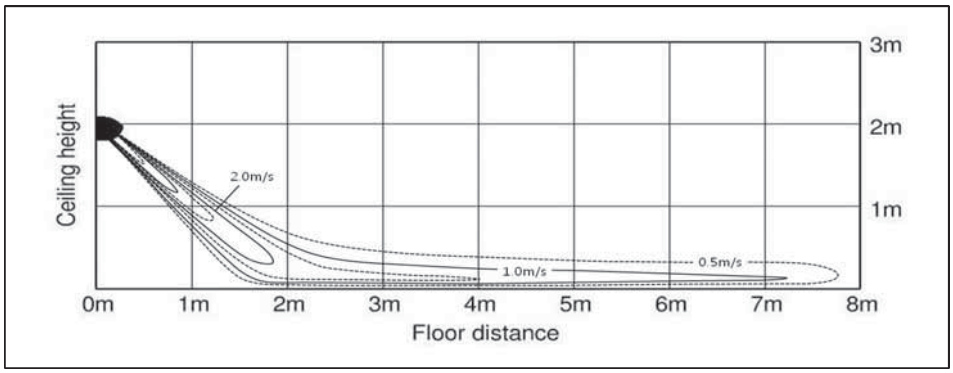
(2) Cooling temperature distribution

Discharge angle : 18º



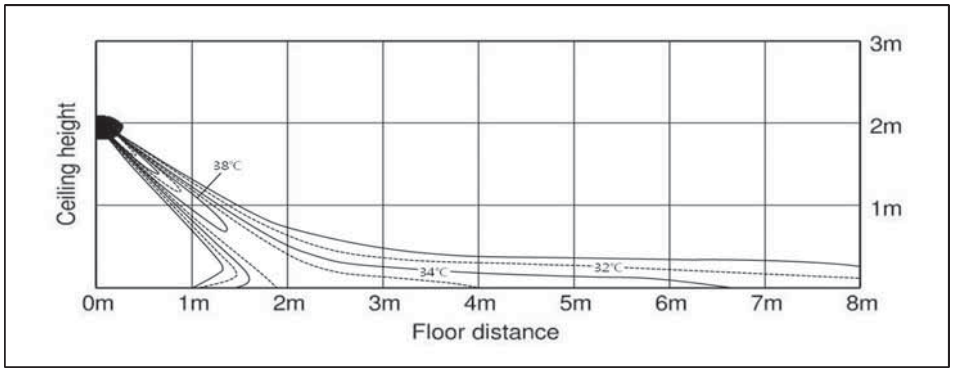
(3) Heating air velocity distribution

Discharge angle : 46º



(4) Heating temperature distribution

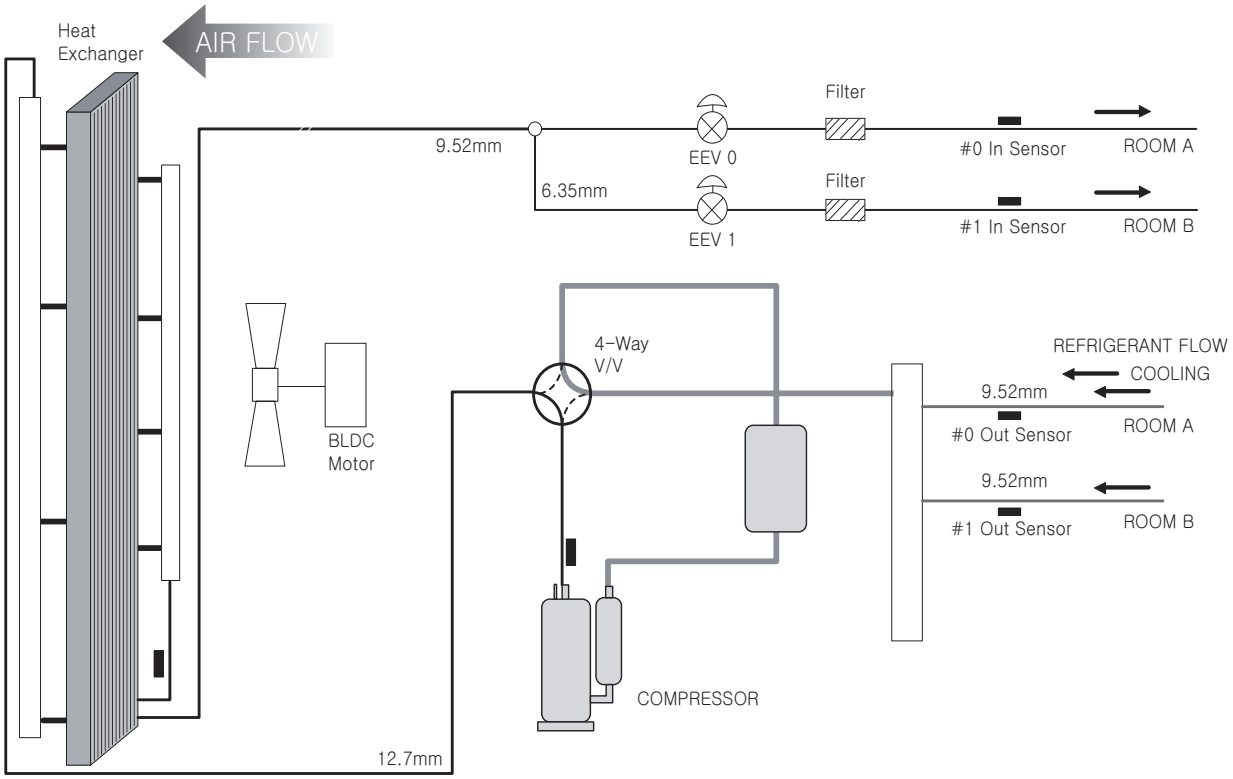
Discharge angle : 46º



10 Cycle diagram

Outdoor

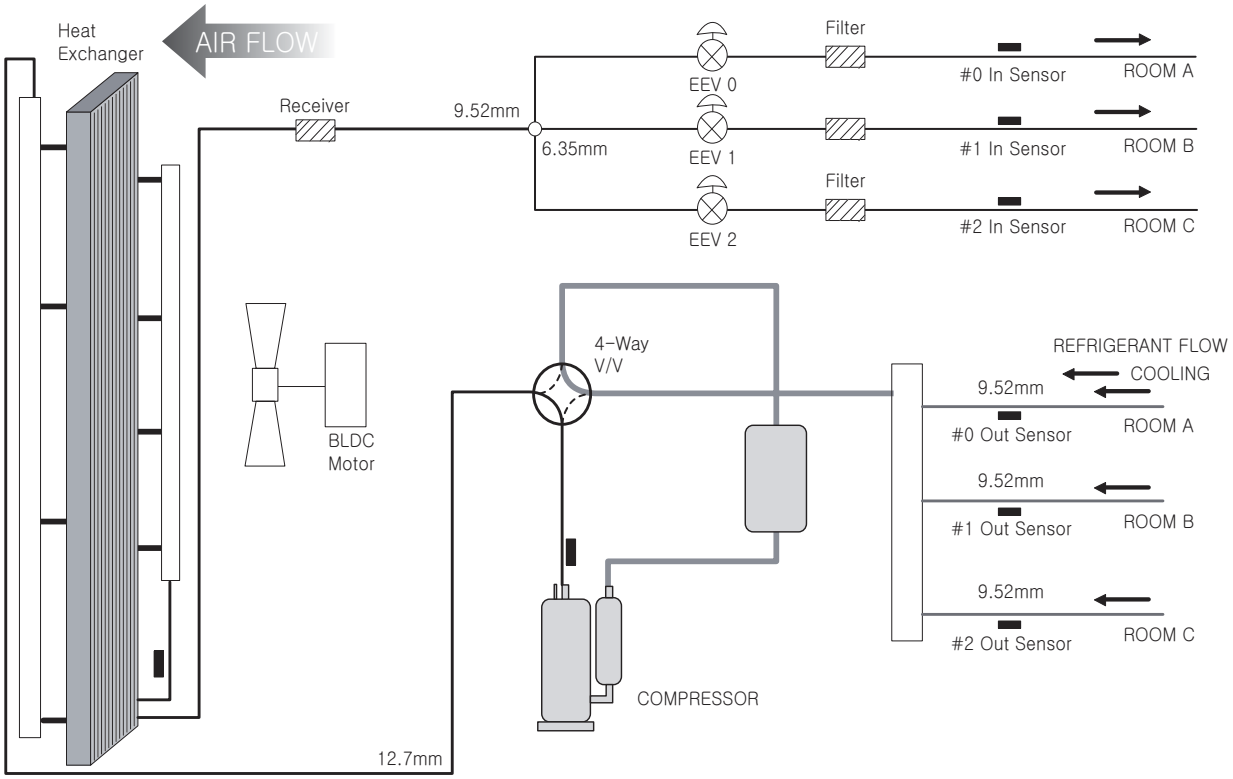
AJ020JCJ2CH/AA



10 Cycle diagram

Outdoor

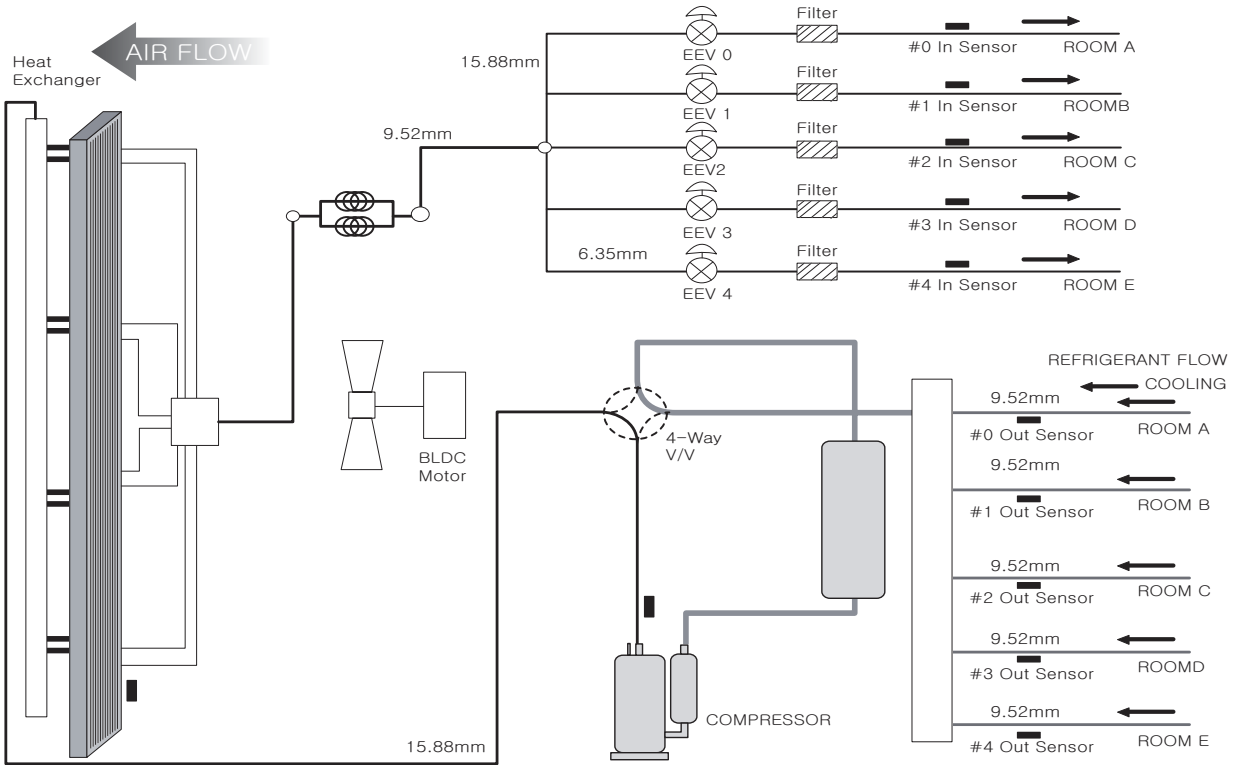
AJ024JCJ3CH/AA



10 Cycle diagram

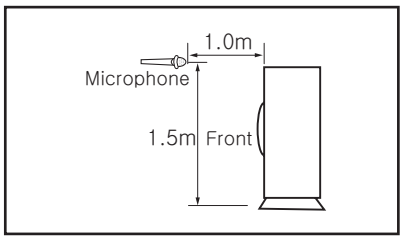
Outdoor

AJ036JCJ5CH/AA



11 Sound pressure level

Outdoor



Unit: dB(A)

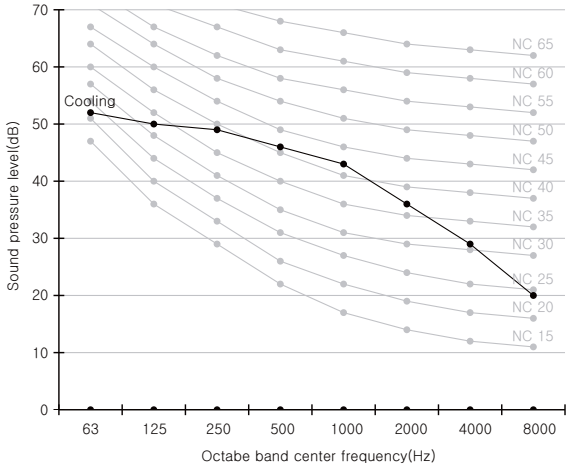
Model	Cooling
AJ020JCJ2CH/AA	48.0
AJ024JCJ3CH/AA	49.0
AJ036JCJ5CH/AA	54.0

Note

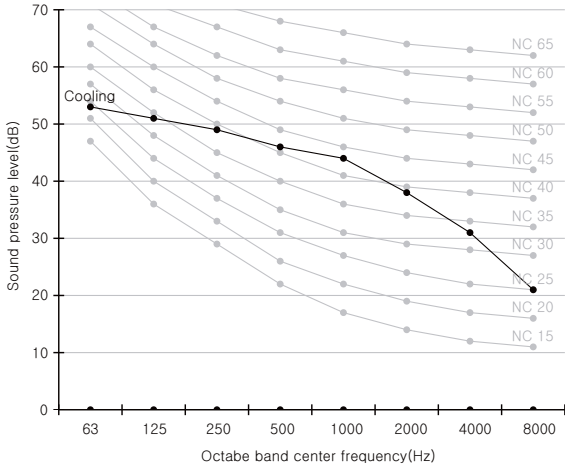
- These operation values were obtained in an anechoic room.
- Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.

NC curve

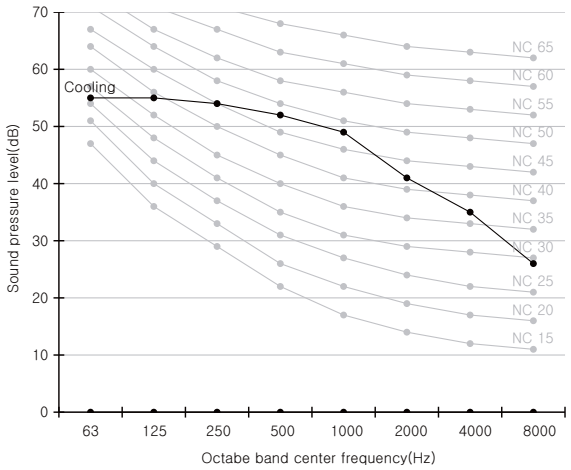
1) AJ020JCJ2CH/AA



2) AJ024JCJ3CH/AA

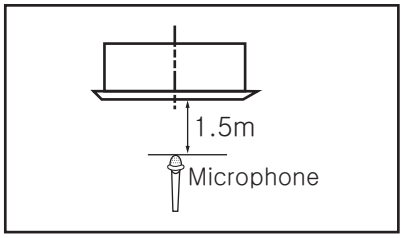


3) AJ036JCJ5CH/AA



12 Sound pressure level

4 Way Cassette(600 x 600)



Unit: dB(A)

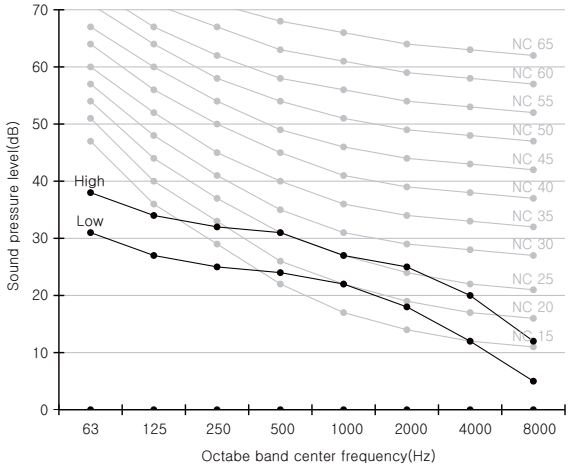
Model	High	Low
AJ009JNNDCH/AA	33.0	27.0
AJ012JNNDCH/AA	35.0	27.0
AJ018JNNDCH/AA	39.0	32.0

Note

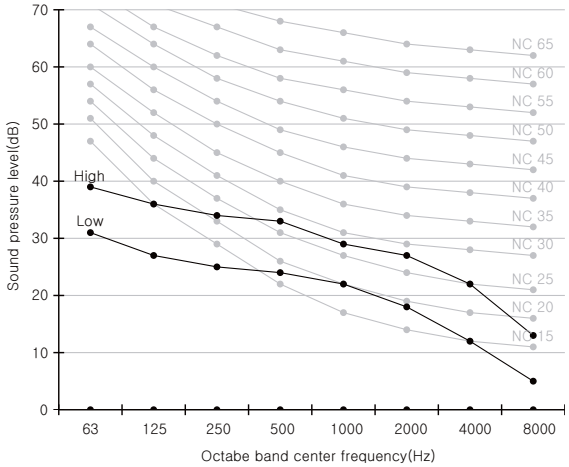
- These operation values were obtained in an anechoic room.
- Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.

NC curve

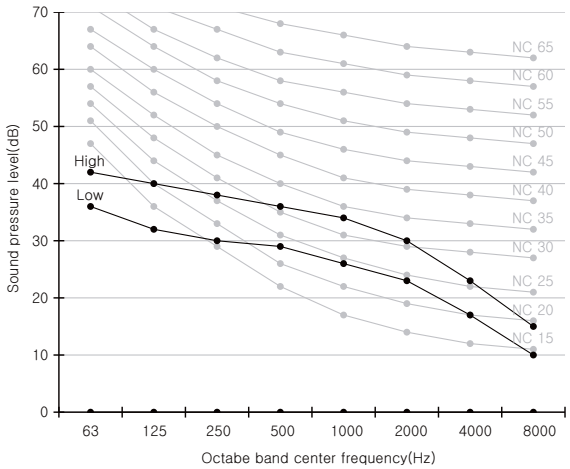
1) AJ009JNNDCH/AA



2) AJ012JNNDCH/AA

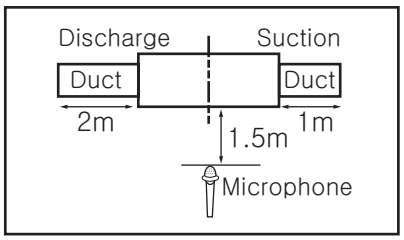


3) AJ018JNNDCH/AA



12 Sound pressure level

Slim Duct



Unit: dB(A)

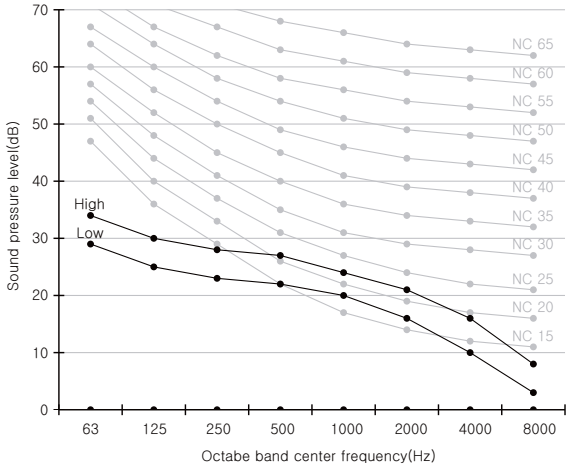
Model	High	Low
AJ009JNLDCH/AA	30.0	25.0
AJ012JNLDCH/AA	32.0	27.0
AJ018JNLDCH/AA	33.0	30.0

Note

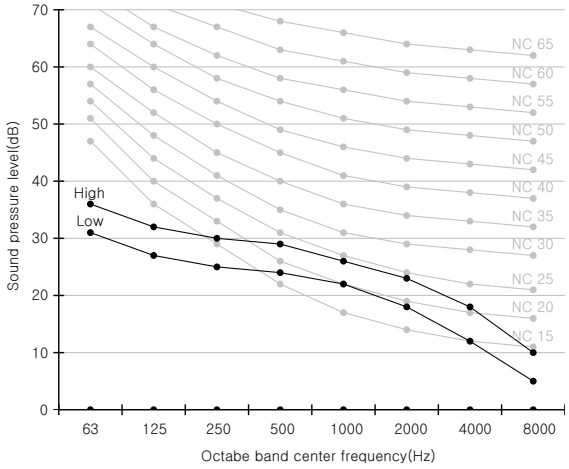
- These operation values were obtained in an anechoic room.
- Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.

NC curve

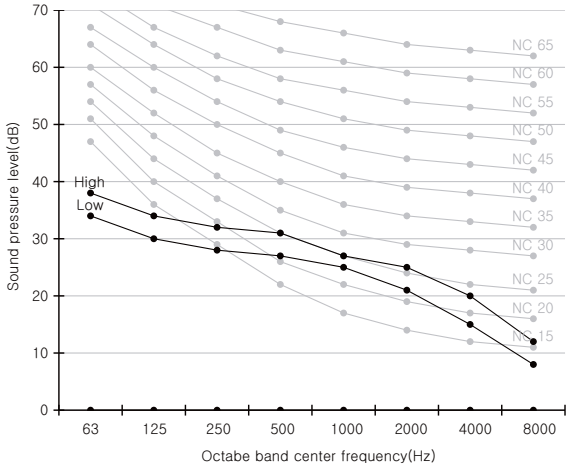
1) AJ009JNLDCH/AA



2) AJ012JNLDCH/AA

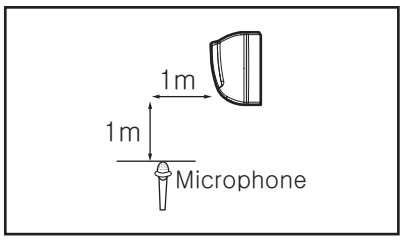


3) AJ018JNLDCH/AA



12 Sound pressure level

AR 5000



Unit: dB(A)

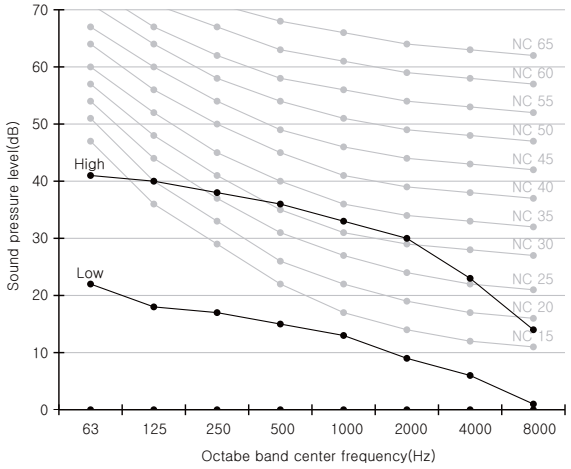
Model	High	Low
AJ007JNADCH/AA	38.0	18.0
AJ009JNADCH/AA	38.0	18.0
AJ012JNADCH/AA	39.0	18.0

Note

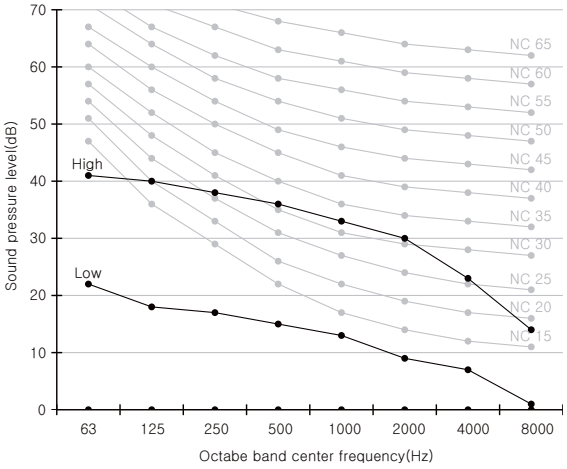
- These operation values were obtained in an anechoic room.
- Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.

NC curve

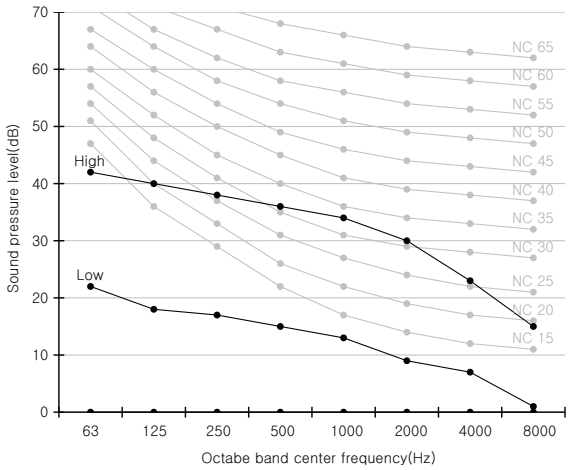
1) AJ007JNADCH/AA



2) AJ009JNADCH/AA

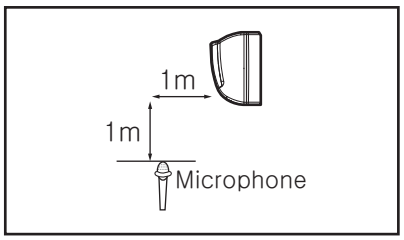


3) AJ012JNADCH/AA



12 Sound pressure level

AR 7000



Unit: dB(A)

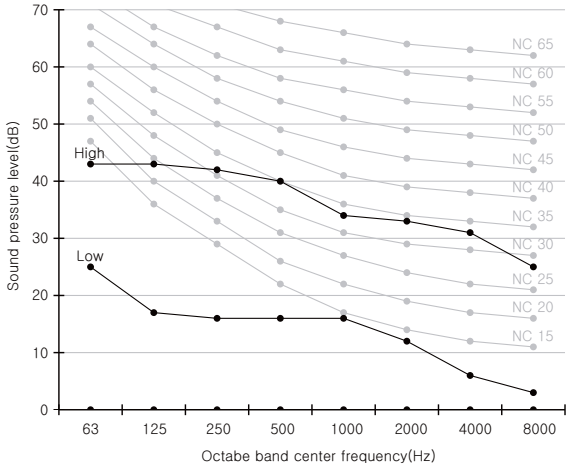
Model	High	Low
AJ018JNADCH/AA	42.0	20.0
AJ024JNADCH/AA	43.0	25.0

Note

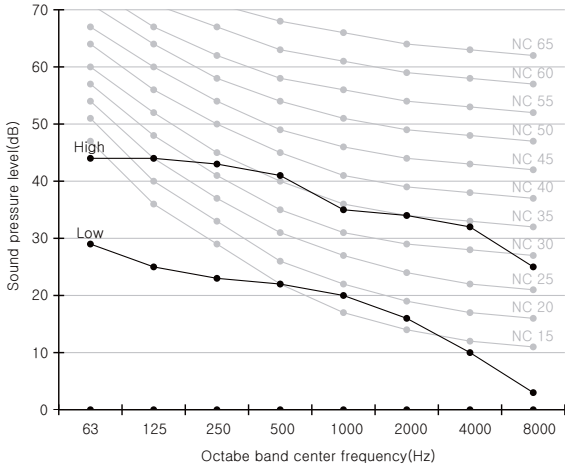
- These operation values were obtained in an anechoic room.
- Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.

NC curve

1) AJ018JNADCH/AA



2) AJ024JNADCH/AA

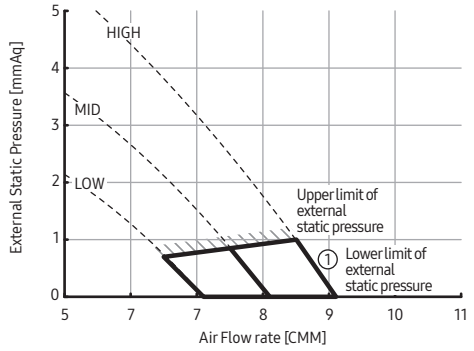


13 Recommended operation range

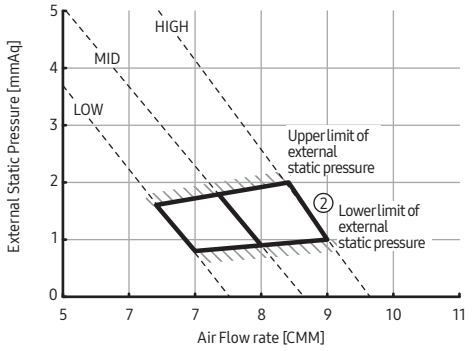
Slim Duct

1) AJ009JNLDCH/AA

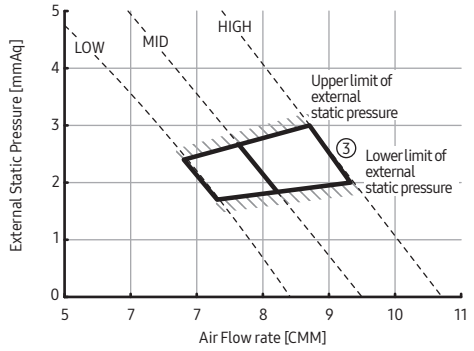
①	External Static Pressure(mmAq)	Option Code
	0≤SP≤1.0	015201-14021C-200001-300000



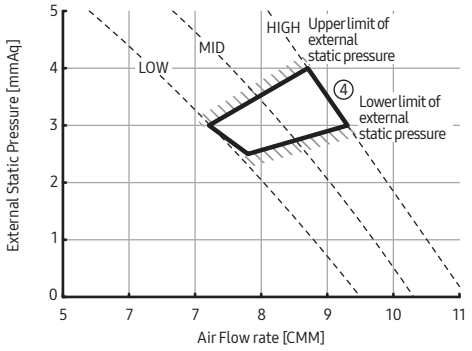
②	External Static Pressure(mmAq)	Option Code
	1 < SP≤2.0(Default)	015201-14023E-200001-300000



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).

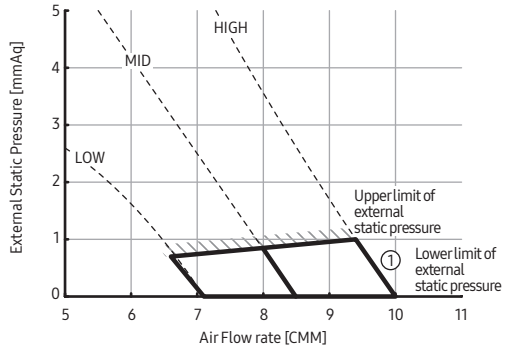
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

13 Recommended operation range

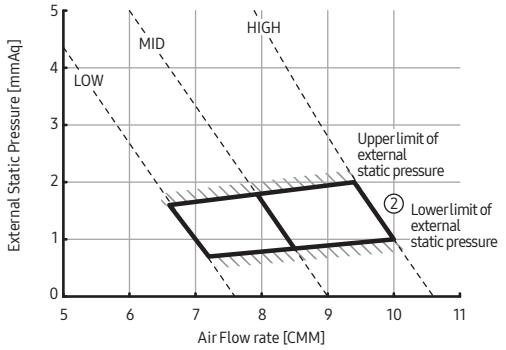
Slim Duct

2) AJ012JNLDCH/AA

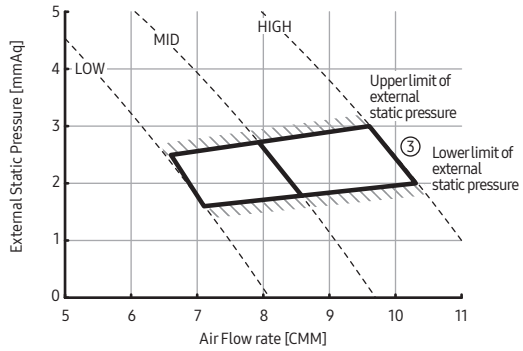
①	External Static Pressure(mmAq)	Option Code
	0≤SP≤1.0	015201-16025F-200001-300000



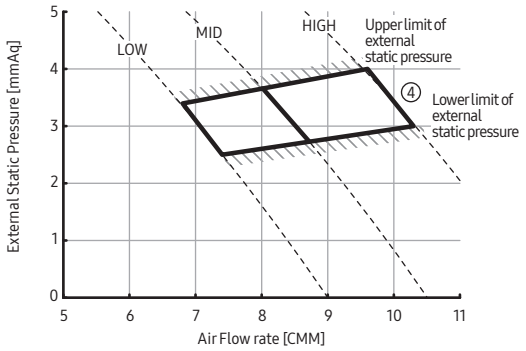
②	External Static Pressure(mmAq)	Option Code
	1 < SP≤2.0(Default)	015201-160370-200001-300000



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



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



Note

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

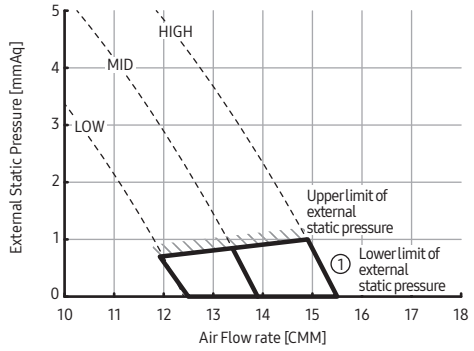
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

13 Recommended operation range

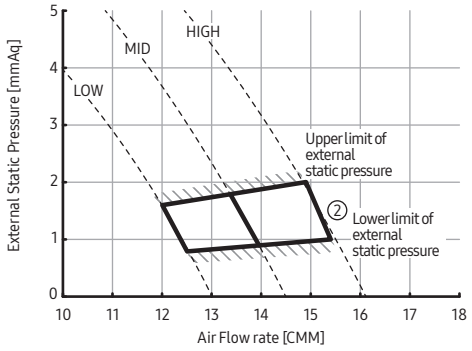
Slim Duct

3) AJ018JNLDCH/AA

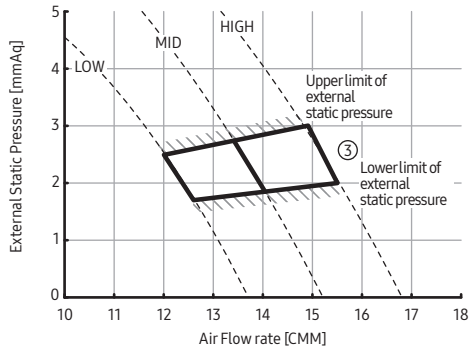
①	External Static Pressure(mmAq)	Option Code
	0≤SP≤1.0	011224-1940D5-200001-300000



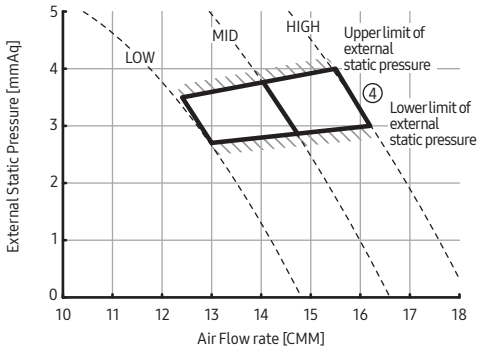
②	External Static Pressure(mmAq)	Option Code
	1＜SP≤2.0(Default)	011224-1940E6-200001-300000



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



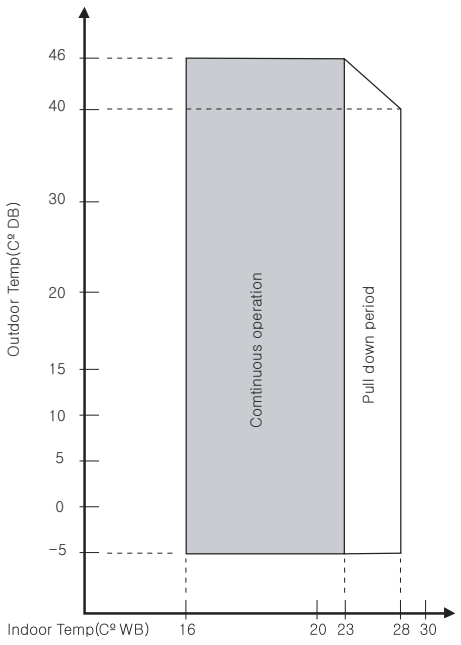
Note

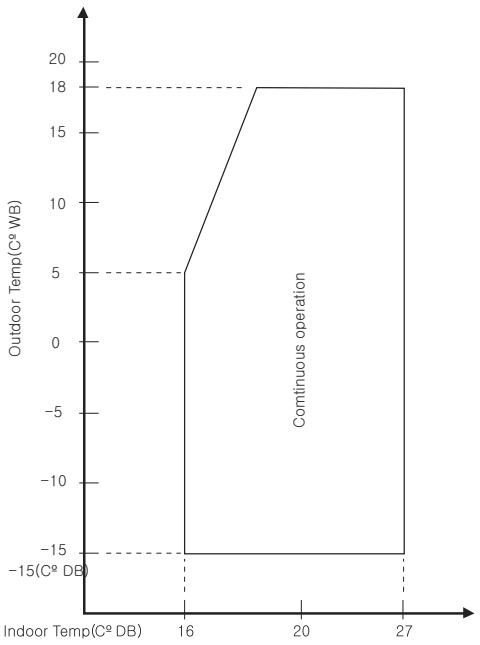
Adjust option code according to the actual installation condition (external static pressure).

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

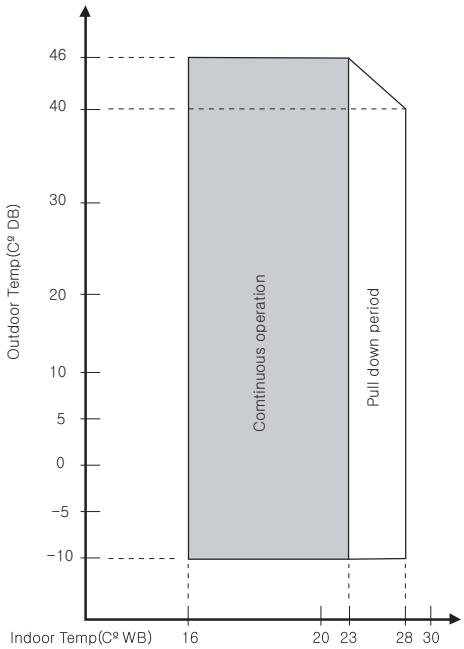


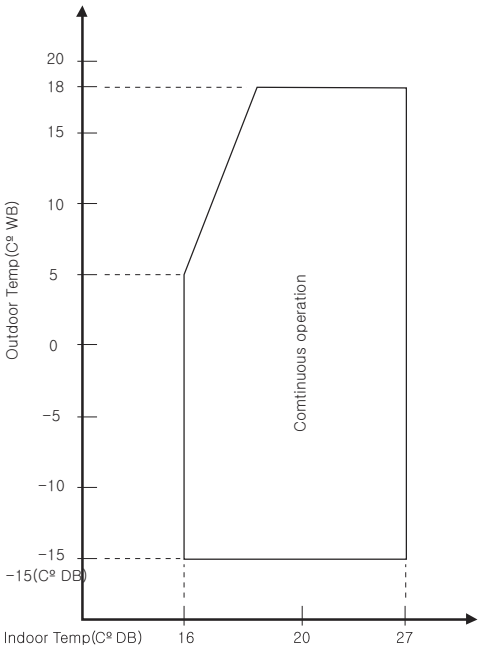


The graphs are based on the following conditions.

1. Equivalent piping length
   AJ020JCJ2CH/AA, AJ024JCJ3CH/AA : 7.5m
2. Level difference 0m
3. Air flow rate High

AJ036JCJ5CH/AA





The graphs are based on the following conditions.

1. Equivalent piping length
   AJ036JCJ5CH/AA : 7.5m
2. Level difference 0m
3. Air flow rate High

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Ver.1.3

Samsung Electronics Co., LTD.
B2B PM / SE
Head Office (Suwon Korea) 129, Samsung-Ro, Yeongtong-Gu, Suwon City, Gyeonggi-Do, Korea 443-742
Website : www.samsung.com Email : airconditioner@samsung.com