

SAMSUNG

FJM

Technical Data Book

Free Joint Multi for America
(R32, 60Hz, HP)



Model : Outdoor unit: JXG**S*D (AJ***DXS*CG/AA)

Indoor unit: RNX****D (AR**DX***WKNCV), JNG**ADD (AJ***DNADCG/AA)

CNG**1DD (AC***DN1DCG/AA), CNG**NDD (AC***DNND CG/AA), CNG**LDD (AC***DNLDCG/AA)

JNG**HDD(AJ***DNHDCG/AA), CNG**JDD (AC***DNJDCG/AA), JNG**ZDD (AJ***DNZDCG/AA)

History

Version	Modification	Date	Remark
Ver.1.0	Released 2024 FJM Premium for North America TDB	24. 12. 18	
Ver.1.1	Updated some specification.	25. 01. 07	

Nomenclature

Outdoor Units

Model Name

AJ

020

D

X

S

3

C

G

/

AA

(1)

(2)

(3)

(4)

(5)

(6)

(7)

(8)

Buyer

(1) Model

AC	CAC
AM	DVM
AJ	FJM (Free Joint Multi)
AE	EHS

(2) Capacity

X 1,000 Btu/h (3 digits)

(3) Version

D	2024
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(4) Product Type

S	SET
N	Indoor Unit
X	Outdoor Unit

(5) Product Notation

S	Free Joint Multi (Premium)
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(6) Feature

2	2 Room
3	3 Room
4	4 Room
5	5 Room

(7) Rating Voltage

A	115V, 60Hz
B	220V, 60Hz
C	208~230V, 60Hz
D	200 ~ 220V, 50Hz
E	220 ~ 240V, 50Hz

(8) Mode

A	Cooling Only (R32)
G	Heat Pump (R32)

Nomenclature

Indoor Units

Wall Mounted Type

Model Name

AR

07

D

X

D

A

B

WK

N

CV

(1)

(2)

(3)

(4)

(5)

(6)

(7)

(8)

(9)

Buyer

(1) Classification

AR	RAC
----	-----

(2) Capacity

x1000 Btu/h

(3) Year

D	2024
---	------

(4) Product Type

X	Heat Pump, R32
---	----------------

(5) Characteristics

D	Motion Detect Sensor +Wi-Fi
F	Wi-Fi
K	PM1.0 Filter + PM1.0 Sensor + Wi-Fi

(6) Design Segment

A	Wind-Free GEO
C	Wind-Free AIRISE
Y	GEO
Z	AIRISE

(7) Version

A-Z (1 digit)

(8) Color

WK	DA White
----	----------

(9) Set

N	Indoor Unit
X	Outdoor Unit
/	Set

Nomenclature

Indoor Units

SAC Wall mounted, 1Way, 4WayCassette(2x2), Duct, Console, MPAHType
Model Name

AC

009

D

N

1

D

C

G

/

AA

(1)

(2)

(3)

(4)

(5)

(6)

(7)

(8)

Buyer

(1) Classification

AJ, AC	FJM
--------	-----

(2) Capacity

X 1,000 Btu/h (3 digits)

(3) Version

D	2024
---	------

(4) Product Type

N	Indoor Unit
---	-------------

(5) Product Notation

A	Wall mounted
1	1Way Cassette
N	4Way Cassette (2x2)
L	Slim duct
H	Duct S
J	Console
Z	MPAH

(6) Feature

D	Deluxe
S	Standard
P	Premium

(7) Rating Voltage

A	115V, 60Hz
B	220V, 60Hz
C	208 ~ 230V, 60Hz
D	200 ~ 220V, 50Hz
E	220 ~ 240V, 50Hz

(8) Mode

G	Heat Pump (R32)
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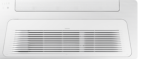
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1. Line-up

1-1. Outdoor units

Capacity (kBtu/h)	20	24	30	36
Image				
Model	JXG20S3D (AJ020DXS3CG/AA)	JXG24S4D (AJ024DXS4CG/AA)	JXG30S4D (AJ030DXS4CG/AA)	JXG36S4D (AJ036DXS4CG/AA)

1-2. Indoor units

Capacity (kBtu/h) Type	7	9	12	15	18	24
WindFree™ Premium						
WindFree™ Standard						
WindFree™ IAQ						
WindFree™ Standard + RDS						
WindFree™ 1Way Cassette						
WindFree™ 4Way Cassette (2x2)						
Slim duct						
Duct S						
Console						
Multi Position AHU						

* The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree mode.

Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

1. Line-up

1-3. Outdoor units

Outdoor Unit Indoor Unit		Model				
			JXG20S3D (AJ020DXS3CG/AA)	JXG24S4D (AJ024DXS4CG/AA)	JXG30S4D (AJ030DXS4CG/AA)	JXG36S4D (AJ036DXS4CG/AA)
Model		Capacity (k Btu/h)	20	24	30	36
WindFree™ Premium	 RNX**A*D (AR**DXDA*WKNCV)	7	●	●	●	●
		9	●	●	●	●
		12	●	●	●	●
		15	●	●	●	●
		18		●	●	●
		24			●	●
WindFree™ Standard	 RNX**AMD (AR**DXFAMWKNCV)	7	●	●	●	●
		9	●	●	●	●
		12	●	●	●	●
		15	●	●	●	●
		18		●	●	●
		24			●	●
WindFree™ IAQ	 RNX**CPD (AR**DXKAPWKNCV)	7	●	●	●	●
		9	●	●	●	●
		12	●	●	●	●
		15	●	●	●	●
		18		●	●	●
		24			●	●
WindFree™ Standard + RDS	 JNG**ADD (AJ***DNADCG/AA)	7	●	●	●	●
		9	●	●	●	●
		12	●	●	●	●
		15	●	●	●	●
		18		●	●	●
		24			●	●
WindFree™ 1Way Cassette		9	●	●	●	●
		12	●	●	●	●
WindFree™ 4Way Cassette (2x2)		9	●	●	●	●
		12	●	●	●	●
		18		●	●	●
Slim duct		9	●	●	●	●
		12	●	●	●	●
		18		●	●	●
Duct S		9	●	●	●	●
		12	●	●	●	●
		15	●	●	●	●
		18		●	●	●
Console		9	●	●	●	●
		12	●	●	●	●
		15	●	●	●	●
		18		●	●	●
Multi Position AHU		12	●	●	●	●
		18		●	●	●
		24			●	●

* The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree mode.

Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

2. Specification

Free Joint Multi (Outdoor Units)

Model Name					AJ020DXS3CG/AA	AJ024DXS4CG/AA	AJ030DXS4CG/AA	AJ036DXS4CG/AA
US Code					JXG20S3D	JXG24S3D	JXG30S4D	JXG36S4D
Power Supply				Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode				-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	TON		TON	1.75	2.08	2.37	2.83	
	Capacity	Cooling	kW	6.20	7.30	8.30	10.00	
			Btu/h	21,000	25,000	28,400	34,000	
			US RT	1.75	2.08	2.37	2.83	
		Heating	kW	6.40	7.30	8.40	10.70	
			Btu/h	22,000	25,000	28,600	36,600	
			US RT	1.83	2.08	2.38	3.04	
Maximum number of connectable Indoor Units				EA	3	4	4	4
Power	Power Input (Nominal)	Cooling	kW	1.40	1.72	2.1	2.72	
		Heating		1.39	1.56	2.1	2.55	
	Current Input (Nominal)	Cooling	A	6.2	7.6	9.3	12.1	
		Heating		6.2	6.9	9.3	11.3	
	Current	MCA	A	35.9	35.9	35.9	35.9	
		MOP		40	40	40	40	
Efficiency	EER2	Cooling (Non-Ducted)	(Btu/h)/W	15	14.6	13.5	12.5	
	COP	Heating (Non-Ducted)	W/W	4.64	4.7	4	4.21	
	SEER2	Non-Ducted	(Btu/h)/W	23	23	22.5	21.5	
	HSPF2	Non-Ducted	(Btu/h)/W	10.5	10.4	10	9.5	
Casing	Material	Body	-	GI steel plate	GI steel plate	GI steel plate	GI steel plate	
		Base	-	GI steel plate	GI steel plate	GI steel plate	GI steel plate	
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube	Fin & Tube	
	Material	Fin	-	Al	Al	Al	Al	
		Tube	-	Cu	Cu	Cu	Cu	
	Fin Treatment		-	Anti-Corrosion	Anti-Corrosion	Anti-Corrosion	Anti-Corrosion	
Compressor	Type		-	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter	
	Output		kW x n	10.010 x 1	10.010 x 1	10.010 x 1	10.010 x 1	
	Model Name		-	KTF310D43UMT	KTF310D43UMT	KTF310D43UMT	KTF310D43UMT	
	Oil	Type	-	POE	POE	POE	POE	
		Initial Charge	cc (fl oz)	1,000 (33.8)	1,000 (33.8)	1,000 (33.8)	1,000 (33.8)	
Fan	Type		-	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	
	Discharge direction		-	Front (Horizontal)	Front (Horizontal)	Front (Horizontal)	Front (Horizontal)	
	Quantity		EA	2	2	2	2	
	Air Flow Rate		m³/min	94.0	94.0	94.0	94.0	
			ft³/min	3320.2	3320.2	3320.2	3320.2	
			l/s	1,567	1,567	1,567	1,567	
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC	
	Output x n		W	125 x 2	125 x 2	125 x 2	125 x 2	
Piping Connections	Liquid Pipe			Type	Flare connection	Flare connection	Flare connection	Flare connection
				Φ, mm x EA	6.35 x 3	6.35 x 4	6.35 x 4	6.35 x 4
				Φ, inch x EA	1/4 x 3	1/4 x 4	1/4 x 4	1/4 x 4
	Gas Pipe			Type	Flare connection	Flare connection	Flare connection	Flare connection
				Φ, mm x EA	9.52 x 3	9.52 x 2 + 12.70 x 2	9.52 x 2 + 12.70 x 2	9.52 x 2 + 12.70 x 2
				Φ, inch x EA	3/8 x 3	3/8 x 2 + 1/2 x 2	3/8 x 2 + 1/2 x 2	3/8 x 2 + 1/2 x 2
	Heat insulation				Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
	Installation Limitation	Length	Total Piping Length	m (ft)	70 (229.7)	70 (229.7)	70 (229.7)	70 (229.7)
			Max. Length (OD-ID)	m (ft)	25 (82.0)	25 (82.0)	25 (82.0)	25 (82.0)
		Height	Max. Height (OD-ID)	m (ft)	15 (49.2)	15 (49.2)	15 (49.2)	15 (49.2)
			Max. Height (ID-ID)	m (ft)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)
Wiring Connections	Communication	Min.	AWG	16	16	16	16	
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2	

2. Specification

Free Joint Multi (Outdoor Units)

Model Name			AJ020DXS3CG/AA	AJ024DXS4CG/AA	AJ030DXS4CG/AA	AJ036DXS4CG/AA
US Code			JXG20S3D	JXG24S3D	JXG30S4D	JXG36S4D
Refrigerant	Type	-	R32	R32	R32	R32
	Factory Charging	kg	3.10	3.10	3.10	3.10
		lbs	6.83	6.83	6.83	6.83
Sound Level	Sound Pressure Level	Cooling	50	51	52	52
		Heating	51	52	53	53
External Dimension	Net Weight	kg (lbs)	87.0 (191.8)	88.0 (194.0)	88.0 (194.0)	88.0 (194.0)
	Shipping Weight	kg (lbs)	94.0 (207.2)	95.0 (209.4)	95.0 (209.4)	95.0 (209.4)
	Net Dimensions (WxHxD)	mm	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330
		inch	37 x 47-5/8 x 13	37 x 47-5/8 x 13	37 x 47-5/8 x 13	37 x 47-5/8 x 13
	Shipping Dimensions (WxHxD)	mm	1,093 x 1,388 x 426	1,093 x 1,388 x 426	1,093 x 1,388 x 426	1,093 x 1,388 x 426
		inch	39-3/16 x 54-5/8 x 16-3/4	39-3/16 x 54-5/8 x 16-3/4	39-3/16 x 54-5/8 x 16-3/4	39-3/16 x 54-5/8 x 16-3/4
Operating Temp. Range	Cooling	°C(°F)	-10.0 ~ 46.0 (14.0 ~ 114.8)	-10.0 ~ 46.0 (14.0 ~ 114.8)	-10.0 ~ 46.0 (14.0 ~ 114.8)	-10.0 ~ 46.0 (14.0 ~ 114.8)
	Heating	°C(°F)	-25.0 ~ 24.0 (-13.0 ~ 75.2)	-25.0 ~ 24.0 (-13.0 ~ 75.2)	-25.0 ~ 24.0 (-13.0 ~ 75.2)	-25.0 ~ 24.0 (-13.0 ~ 75.2)



NOTE

- Specifications may be subject to change without prior notice.
- Performances are based on the following test conditions.
 - Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB
 - Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB
 - Equivalent refrigerant pipe length 16.4ft(5m), Level differences 0ft(0m)
 - Select wire size based on the value of MCA
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20uPa
 - Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power: 1pW
 - Measured according to ISO 3741
 - These products contain R32 which is fluorinated greenhouse gas.

2. Specification

WindFree™ Premium

Model Name				AR07DXDAFWKNCV	AR09DXDABWKNCV	AR12DXDABWKNCV
US Code				RNX07AFD	RNX09ABD	RNX12ABD
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	TON		TON	0.58	0.75	1.00
	Capacity	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	3.22	3.52
			Btu/h	7,500	11,000	12,000
			US RT	0.62	0.92	1.00
Power	Power Input	Cooling	W	40	40	40
		Heating		40	40	40
	Current Input	Cooling	A	0.4	0.4	0.4
		Heating		0.4	0.4	0.4
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Blue Hydrophilic	Blue Hydrophilic	Blue Hydrophilic
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Quantity		EA	1	1	1
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	9.9 / 9.2 / 8.4 / 7.3	10.3 / 9.6 / 8.4 / 7.3	10.7 / 9.6 / 8.5 / 7.1
			ft³/min	350 / 323 / 297 / 258	364 / 337 / 298 / 258	378 / 340 / 301 / 250
			l/s	165 / 153 / 140 / 122	172 / 159 / 141 / 122	178 / 160 / 142 / 118
		Heating (T/H/M/L)	m³/min	10.8 / 10.0 / 9.3 / 8.2	11.2 / 10.4 / 9.3 / 8.2	11.7 / 10.6 / 9.5 / 8.0
			ft³/min	381 / 355 / 328 / 288	396 / 369 / 329 / 289	413 / 374 / 335 / 282
			l/s	180 / 167 / 155 / 136	187 / 174 / 155 / 136	195 / 176 / 158 / 133
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W x n	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
Drain Pipe		Φ, mm(inch)	ID18(FPT 3/4)	ID18(FPT 3/4)	ID18(FPT 3/4)	
Wiring connections	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound Level	Sound Pressure Level	H / Silent	dB(A)	34/22	38/23	39/23
External Dimension	Net Weight		kg (lbs)	10.5 (23.1)	10.5 (23.1)	10.5 (23.1)
	Shipping Weight		kg (lbs)	11.8 (26.0)	11.8 (26.0)	11.8 (26.0)
	Net Dimensions (WxHxD)		mm	889 x 299 x 215	889 x 299 x 215	889 x 299 x 215
			inch	35 x 11-3/4 x 8-7/16	35 x 11-3/4 x 8-7/16	35 x 11-3/4 x 8-7/16
	Shipping Dimensions (WxHxD)		mm	950 x 290 x 375	950 x 290 x 375	950 x 290 x 375
inch			37-3/8 x 11-7/16 x 14-3/4	37-3/8 x 11-7/16 x 14-3/4	37-3/8 x 11-7/16 x 14-3/4	
Casing	Material		-	HIPS	HIPS	HIPS
Additional Accessories	Air Filter		-	Pre-Filter	Pre-Filter	Pre-Filter



NOTE

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 - Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB
 - Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB
 - Equivalent refrigerant pipe length 16.4ft(5m), Level differences 0ft(0m)
- 2) Select wire size based on the value of MCA.
- 3) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa
- 4) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power: 1pW
 - Measured according to ISO 3741
- 5) These products contain R32 which is fluorinated greenhouse gas.

2. Specification

WindFree™ Premium

Model Name				AR15DXDAFWKNCV	AR18DXDABWKNCV	AR24DXDABWKNCV
US Code				RNX15AFD	RNX18ABD	RNX24ABD
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	TON		TON	1.25	1.50	1.83
	Capacity	Cooling	kW	4.40	5.42	6.45
			Btu/h	15,000	18,500	22,000
			US RT	1.25	1.50	1.83
		Heating	kW	5.28	5.86	7.33
			Btu/h	18,000	20,000	25,000
			US RT	1.50	1.67	2.08
Power	Power Input	Cooling	W	40	50	50
		Heating		40	50	50
	Current Input	Cooling	A	0.4	0.5	0.5
		Heating		0.4	0.5	0.5
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Blue Hydrophilic	Blue Hydrophilic	Blue Hydrophilic
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Quantity		EA	1	1	1
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	11.5 / 10.4 / 8.9 / 7.4	16.2 / 15.2 / 13.6 / 12.1	20.1 / 18.0 / 15.9 / 13.7
			ft³/min	406 / 366 / 313 / 260	572 / 536 / 481 / 427	711 / 636 / 560 / 484
			l/s	192 / 173 / 148 / 123	270 / 253 / 227 / 201	336 / 300 / 264 / 228
		Heating (T/H/M/L)	m³/min	12.0 / 10.8 / 9.4 / 7.9	16.8 / 15.7 / 14.2 / 12.7	20.4 / 18.2 / 16.0 / 13.9
			ft³/min	422 / 383 / 331 / 279	592 / 556 / 501 / 447	719 / 643 / 566 / 490
			l/s	199 / 181 / 156 / 132	280 / 262 / 237 / 211	340 / 303 / 267 / 231
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W x n	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ,mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ,mm (inch)	9.52 (3/8)	12.70 (1/2)	15.88 (5/8)
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
Wiring connections	Drain Pipe		Φ,mm(inch)	ID18(FPT 3/4)	ID18(FPT 3/4)	ID18(FPT 3/4)
	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound Level	Sound Pressure Level	H / Silent	dB(A)	40/23	42/28	47/28
External Dimension	Net Weight		kg (lbs)	10.5 (23.1)	12.4 (27.3)	12.4 (27.3)
	Shipping Weight		kg (lbs)	11.8 (26.0)	14.0 (30.9)	14.0 (30.9)
	Net Dimensions (WxHxD)		mm	889 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215
			inch	35 x 11-3/4 x 8-7/16	41-9/16 x 11-3/4 x 8-7/16	41-9/16 x 11-3/4 x 8-7/16
	Shipping Dimensions (WxHxD)		mm	950 x 290 x 375	1,115 x 290 x 375	1,115 x 290 x 375
inch			37-3/8 x 11-7/16 x 14-3/4	43-7/8 x 11-7/16 x 14-3/4	43-7/8 x 11-7/16 x 14-3/4	
Casing	Material		-	HIPS	HIPS	HIPS
Additional Accessories	Air Filter		-	Pre-Filter	Pre-Filter	Pre-Filter



NOTE

- Specifications may be subject to change without prior notice.
- 1) Performances are based on the following test conditions.
 - Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB
 - Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB
 - Equivalent refrigerant pipe length 16.4ft(5m), Level differences 0ft(0m)
- 2) Select wire size based on the value of MCA
- 3) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa
- 4) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power: 1pW
 - Measured according to ISO 3741
- 5) These products contain R32 which is fluorinated greenhouse gas.

2. Specification

WindFree™ Standard

Model Name				AR07DXFAMWKNCV	AR09DXFAMWKNCV	AR12DXFAMWKNCV
US Code				RNX07AMD	RNX09AMD	RNX12AMD
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	TON		TON	0.58	0.75	1.00
	Capacity	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	3.22	3.52
			Btu/h	7,500	11,000	12,000
			US RT	0.62	0.91	1.00
Power	Power Input	Cooling	W	30	30	30
		Heating		30	30	30
	Current Input	Cooling	A	0.3	0.3	0.3
		Heating		0.3	0.3	0.3
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Blue Hydrophilic	Blue Hydrophilic	Blue Hydrophilic
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Quantity		EA	1	1	1
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	9.9 / 9.5 / 9.1 / 8.7	10.3 / 9.9 / 9.5 / 8.7	10.7 / 10.3 / 9.5 / 8.8
			ft³/min	350 / 336 / 322 / 309	378 / 364 / 337 / 309	396 / 382 / 368 / 340
			l/s	165 / 159 / 152 / 146	172 / 165 / 159 / 146	178 / 172 / 159 / 146
		Heating (T/H/M/L)	m³/min	10.8 / 10.4 / 10.0 / 9.6	11.2 / 10.8 / 10.4 / 9.6	11.7 / 11.3 / 10.5 / 9.7
			ft³/min	381 / 368 / 354 / 340	396 / 382 / 368 / 340	413 / 399 / 371 / 343
			l/s	180 / 173 / 167 / 160	187 / 180 / 174 / 161	195 / 188 / 175 / 162
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W x n	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe	Type		Flare connection	Flare connection	Flare connection
		Φ, mm (inch)		6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe	Type		Flare connection	Flare connection	Flare connection
		Φ, mm (inch)		9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
Drain Pipe		Φ, mm(inch)	ID18(FPT 3/4)	ID18(FPT 3/4)	ID18(FPT 3/4)	
Wiring connections	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound Level	Sound Pressure Level	H / Silent	dB(A)	37/23	37/23	38/23
External Dimension	Net Weight		kg (lbs)	9.2 (19.6)	9.2 (19.6)	9.2 (19.6)
	Shipping Weight		kg (lbs)	10.4 (22.3)	10.4 (22.3)	10.4 (22.3)
	Net Dimensions (WxHxD)	mm		820 x 299 x 215	820 x 299 x 215	820 x 299 x 215
		inch		32-5/16 x 11-3/4 x 8-7/16	32-5/16 x 11-3/4 x 8-7/16	32-5/16 x 11-3/4 x 8-7/16
	Shipping Dimensions (WxHxD)	mm		880 x 290 x 375	880 x 290 x 375	880 x 290 x 375
inch		34-5/8 x 11-7/16 x 14-3/4	34-5/8 x 11-7/16 x 14-3/4	34-5/8 x 11-7/16 x 14-3/4		
Casing	Material		-	HIPS	HIPS	HIPS
Additional Accessories	Air Filter		-	Pre-Filter	Pre-Filter	Pre-Filter



NOTE

- Specifications may be subject to change without prior notice.
- 1) Performances are based on the following test conditions.
 - Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB
 - Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB
 - Equivalent refrigerant pipe length 16.4ft(5m), Level differences 0ft(0m)
- 2) Select wire size based on the value of MCA
- 3) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20µPa
- 4) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power: 1pW
 - Measured according to ISO 3741
- 5) These products contain R32 which is fluorinated greenhouse gas.

2. Specification

WindFree™ Standard

Model Name				AR15DXFAMWKNCV	AR18DXFAMWKNCV	AR24DXFAMWKNCV
US Code				RNX15AMD	RNX18AMD	RNX24AMD
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	TON		TON	1.25	1.50	1.83
	Capacity	Cooling	kW	4.40	5.28	6.45
			Btu/h	15,000	18,000	22,000
			US RT	1.25	1.50	1.83
		Heating	kW	4.40	6.15	7.03
			Btu/h	15,000	21,000	24,000
			US RT	1.25	1.74	1.99
Power	Power Input	Cooling	W	50	50	50
		Heating		50	50	50
	Current Input	Cooling	A	0.5	0.5	0.5
		Heating		0.5	0.5	0.5
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Blue Hydrophilic	Blue Hydrophilic	Blue Hydrophilic
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Quantity		EA	1	1	1
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	13.8 / 13.3 / 12.3 / 11.4	13.8 / 13.3 / 12.3 / 11.4	17.7 / 16.5 / 14.9 / 13.2
			ft³/min	486 / 469 / 435 / 401	486 / 469 / 435 / 401	623 / 584 / 525 / 465
			l/s	230 / 221 / 205 / 189	230 / 221 / 205 / 189	294 / 276 / 248 / 220
		Heating (T/H/M/L)	m³/min	14.2 / 13.7 / 12.7 / 11.7	14.2 / 13.7 / 12.7 / 11.7	17.8 / 16.7 / 15.0 / 13.3
			ft³/min	623 / 584 / 525 / 465	623 / 584 / 525 / 465	629 / 589 / 529 / 470
			l/s	237 / 229 / 212 / 196	237 / 229 / 212 / 196	297 / 278 / 250 / 222
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W x n	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	12.70 (1/2)	12.70 (1/2)	15.88 (5/8)
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
Drain Pipe		Φ, mm(inch)	ID18(FPT 3/4)	ID18(FPT 3/4)	ID18(FPT 3/4)	
Wiring connections	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound Level	Sound Pressure Level	H / Silent	dB(A)	41/30	41/30	45/30
External Dimension	Net Weight		kg (lbs)	11.5 (25.4)	11.5 (25.4)	11.5 (25.4)
	Shipping Weight		kg (lbs)	13.1 (29.1)	13.1 (29.1)	13.1 (29.1)
	Net Dimensions (WxHxD)		mm	1,055 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215
			inch	41-9/16 x 11-3/4 x 8-7/16	41-9/16 x 11-3/4 x 8-7/16	41-9/16 x 11-3/4 x 8-7/16
	Shipping Dimensions (WxHxD)		mm	1,115 x 290 x 375	1,115 x 290 x 375	1,115 x 290 x 375
inch			43-7/8 x 11-7/16 x 14-3/4	43-7/8 x 11-7/16 x 14-3/4	43-7/8 x 11-7/16 x 14-3/4	
Casing	Material		-	HIPS	HIPS	HIPS
Additional Accessories	Air Filter		-	Pre-Filter	Pre-Filter	Pre-Filter



NOTE

- Specifications may be subject to change without prior notice.
- 1) Performances are based on the following test conditions.
 - Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB
 - Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB
 - Equivalent refrigerant pipe length 16.4ft(5m), Level differences 0ft(0m)
- 2) Select wire size based on the value of MCA
- 3) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20µPa
- 4) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power: 1pW
 - Measured according to ISO 3741
- 5) These products contain R32 which is fluorinated greenhouse gas.

2. Specification

WindFree™ IAQ

Model Name				AR07DXKAPWKNCV	AR09DXKAPWKNCV	AR12DXKAPWKNCV
US Code				RNX07CPD	RNX09CPD	RNX12CPD
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	TON		TON	0.58	0.75	1.00
	Capacity	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	3.22	3.52
			Btu/h	7,500	11,000	12,000
			US RT	0.62	0.91	1.00
Power	Power Input	Cooling	W	30	30	30
		Heating		30	30	30
	Current Input	Cooling	A	0.3	0.3	0.3
		Heating		0.3	0.3	0.3
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Blue Hydrophilic	Blue Hydrophilic	Blue Hydrophilic
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Quantity		EA	1	1	1
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	9.9 / 9.5 / 9.1 / 8.7	10.3 / 9.9 / 9.5 / 8.7	10.7 / 10.3 / 9.5 / 8.8
			ft³/min	350 / 336 / 322 / 309	378 / 364 / 337 / 309	396 / 382 / 368 / 340
			l/s	165 / 159 / 152 / 146	172 / 165 / 159 / 146	178 / 172 / 159 / 146
		Heating (T/H/M/L)	m³/min	10.8 / 10.4 / 10.0 / 9.6	11.2 / 10.8 / 10.4 / 9.6	11.7 / 11.3 / 10.5 / 9.7
			ft³/min	381 / 368 / 354 / 340	396 / 382 / 368 / 340	413 / 399 / 371 / 343
			l/s	180 / 173 / 167 / 160	187 / 180 / 174 / 161	195 / 188 / 175 / 162
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W x n	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe	Type		Flare connection	Flare connection	Flare connection
		Φ, mm (inch)		6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe	Type		Flare connection	Flare connection	Flare connection
		Φ, mm (inch)		9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Heat Insulation		-		Both Liquid & Gas pipes	Both Liquid & Gas pipes
Drain Pipe		Φ, mm(inch)		ID18(FPT 3/4)	ID18(FPT 3/4)	ID18(FPT 3/4)
Wiring connections	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound Level	Sound Pressure Level	H / Silent	dB(A)	37/23	37/23	38/23
External Dimension	Net Weight		kg (lbs)	10.5 (23.1)	10.5 (23.1)	10.5 (23.1)
	Shipping Weight		kg (lbs)	11.8 (26.0)	11.8 (26.0)	11.8 (26.0)
	Net Dimensions (WxHxD)	mm		820 x 345 x 215	820 x 345 x 215	820 x 345 x 215
		inch		32-5/16 x 13-9/16 x 8-7/16	32-5/16 x 13-9/16 x 8-7/16	32-5/16 x 13-9/16 x 8-7/16
	Shipping Dimensions (WxHxD)	mm		880 x 290 x 375	880 x 290 x 375	880 x 290 x 375
inch		34-5/8 x 11-7/16 x 14-3/4	34-5/8 x 11-7/16 x 14-3/4	34-5/8 x 11-7/16 x 14-3/4		
Casing	Material		-	HIPS	HIPS	HIPS
Additional Accessories	Air Filter		-	K-Filter	K-Filter	K-Filter



NOTE

- Specifications may be subject to change without prior notice.
- 1) Performances are based on the following test conditions.
 - Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB
 - Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB
 - Equivalent refrigerant pipe length 16.4ft(5m), Level differences 0ft(0m)
- 2) Select wire size based on the value of MCA
- 3) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20µPa
- 4) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power: 1pW
 - Measured according to ISO 3741
- 5) These products contain R32 which is fluorinated greenhouse gas.

2. Specification

WindFree™ IAQ

Model Name				AR15DXKAPWKNCV	AR18DXKAPWKNCV	AR24DXKAPWKNCV
US Code				RNX15CPD	RNX18CPD	RNX24CPD
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	TON		TON	1.25	1.50	1.83
	Capacity	Cooling	kW	4.40	5.28	6.45
			Btu/h	15,000	18,000	22,000
			US RT	1.25	1.50	1.83
		Heating	kW	4.40	6.15	7.03
			Btu/h	15,000	21,000	24,000
US RT			1.25	1.74	1.99	
Power	Power Input	Cooling	W	50	50	50
		Heating		50	50	50
	Current Input	Cooling	A	0.5	0.5	0.5
		Heating		0.5	0.5	0.5
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Blue Hydrophilic	Blue Hydrophilic	Blue Hydrophilic
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Quantity		EA	1	1	1
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	13.8 / 13.3 / 12.3 / 11.4	13.8 / 13.3 / 12.3 / 11.4	17.7 / 16.5 / 14.9 / 13.2
			ft³/min	486 / 469 / 435 / 401	486 / 469 / 435 / 401	623 / 584 / 525 / 465
			l/s	230 / 221 / 205 / 189	230 / 221 / 205 / 189	294 / 276 / 248 / 220
		Heating (T/H/M/L)	m³/min	14.2 / 13.7 / 12.7 / 11.7	14.2 / 13.7 / 12.7 / 11.7	17.8 / 16.7 / 15.0 / 13.3
			ft³/min	623 / 584 / 525 / 465	623 / 584 / 525 / 465	629 / 589 / 529 / 470
			l/s	237 / 229 / 212 / 196	237 / 229 / 212 / 196	297 / 278 / 250 / 222
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W x n	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe	Type		Flare connection	Flare connection	Flare connection
		Φ, mm (inch)		6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe	Type		Flare connection	Flare connection	Flare connection
		Φ, mm (inch)		12.70 (1/2)	12.70 (1/2)	15.88 (5/8)
	Heat Insulation		-		Both Liquid & Gas pipes	Both Liquid & Gas pipes
Drain Pipe		Φ, mm(inch)		ID18(FPT 3/4)	ID18(FPT 3/4)	ID18(FPT 3/4)
Wiring connections	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound Level	Sound Pressure Level	H / Silent	dB(A)	41/30	41/30	45/30
External Dimension	Net Weight		kg (lbs)	13.1 (28.9)	13.1 (28.9)	13.1 (28.9)
	Shipping Weight		kg (lbs)	14.9 (32.8)	14.7 (32.4)	14.7 (32.4)
	Net Dimensions (WxHxD)	mm		1,055 x 345 x 215	1,055 x 345 x 215	1,055 x 345 x 215
		inch		41-9/16 x 13-9/16 x 8-7/16	41-9/16 x 13-9/16 x 8-7/16	41-9/16 x 13-9/16 x 8-7/16
	Shipping Dimensions (WxHxD)	mm		1,115 x 290 x 375	1,115 x 290 x 375	1,115 x 290 x 375
inch		43-7/8 x 11-7/16 x 14-3/4	43-7/8 x 11-7/16 x 14-3/4	43-7/8 x 11-7/16 x 14-3/4		
Casing	Material		-	HIPS	HIPS	HIPS
Additional Accessories	Air Filter		-	K-Filter	K-Filter	K-Filter



NOTE

- Specifications may be subject to change without prior notice.
- 1) Performances are based on the following test conditions.
 - Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB
 - Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB
 - Equivalent refrigerant pipe length 16.4ft(5m), Level differences 0ft(0m)
- 2) Select wire size based on the value of MCA
- 3) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20µPa
- 4) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power: 1pW
 - Measured according to ISO 3741
- 5) These products contain R32 which is fluorinated greenhouse gas.

2. Specification

WindFree™ Standard + RDS

Model Name				AJ007DNADCG/AA	AJ009DNADCG/AA	AJ012DNADCG/AA
US Code				JNG07ADD	JNG09ADD	JNG12ADD
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	TON		TON	0.58	0.75	1.00
	Capacity	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	3.22	3.52
			Btu/h	7,500	11,000	12,000
			US RT	0.62	0.91	1.00
Power	Power Input	Cooling	W	30	30	30
		Heating		30	30	30
	Current Input	Cooling	A	0.3	0.3	0.3
		Heating		0.3	0.3	0.3
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Blue Hydrophilic	Blue Hydrophilic	Blue Hydrophilic
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Quantity		EA	1	1	1
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	9.9 / 9.5 / 9.1 / 8.7	10.3 / 9.9 / 9.5 / 8.7	10.7 / 10.3 / 9.5 / 8.8
			ft³/min	350 / 336 / 322 / 309	378 / 364 / 337 / 309	396 / 382 / 368 / 340
			l/s	165 / 159 / 152 / 146	172 / 165 / 159 / 146	178 / 172 / 159 / 146
		Heating (T/H/M/L)	m³/min	10.8 / 10.4 / 10.0 / 9.6	11.2 / 10.8 / 10.4 / 9.6	11.7 / 11.3 / 10.5 / 9.7
			ft³/min	381 / 368 / 354 / 340	396 / 382 / 368 / 340	413 / 399 / 371 / 343
			l/s	180 / 173 / 167 / 160	187 / 180 / 174 / 161	195 / 188 / 175 / 162
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W x n	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe	Type		Flare connection	Flare connection	Flare connection
		Φ,mm (inch)		6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe	Type		Flare connection	Flare connection	Flare connection
		Φ,mm (inch)		9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Heat Insulation		-		Both Liquid & Gas pipes	Both Liquid & Gas pipes
Drain Pipe		Φ,mm(inch)		ID18(FPT 3/4)	ID18(FPT 3/4)	ID18(FPT 3/4)
Wiring connections	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound Level	Sound Pressure Level	H / Silent	dB(A)	37/23	37/23	38/23
External Dimension	Net Weight		kg (lbs)	9.2 (19.6)	9.2 (19.6)	9.2 (19.6)
	Shipping Weight		kg (lbs)	10.4 (22.3)	10.4 (22.3)	10.4 (22.3)
	Net Dimensions (WxHxD)	mm		820 x 299 x 215	820 x 299 x 215	820 x 299 x 215
		inch		32-5/16 x 11-3/4 x 8-7/16	32-5/16 x 11-3/4 x 8-7/16	32-5/16 x 11-3/4 x 8-7/16
	Shipping Dimensions (WxHxD)	mm		880 x 290 x 375	880 x 290 x 375	880 x 290 x 375
inch		34-5/8 x 11-7/16 x 14-3/4	34-5/8 x 11-7/16 x 14-3/4	34-5/8 x 11-7/16 x 14-3/4		
Casing	Material		-	HIPS	HIPS	HIPS
Additional Accessories	Air Filter		-	Pre-Filter	Pre-Filter	Pre-Filter



NOTE

- Specifications may be subject to change without prior notice.
- 1) Performances are based on the following test conditions.
 - Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB
 - Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB
 - Equivalent refrigerant pipe length 16.4ft(5m), Level differences 0ft(0m)
- 2) Select wire size based on the value of MCA.
- 3) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20µPa
- 4) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power: 1pW
 - Measured according to ISO 3741
- 5) These products contain R32 which is fluorinated greenhouse gas.

2. Specification

WindFree™ Standard + RDS

Model Name				AJ015DNADCG/AA	AJ018DNADCG/AA	AJ024DNADCG/AA
US Code				JNG15ADD	JNG18ADD	JNG24ADD
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	TON		TON	1.25	1.50	1.83
	Capacity	Cooling	kW	4.40	5.28	6.45
			Btu/h	15,000	18,000	22,000
			US RT	1.25	1.50	1.83
		Heating	kW	4.40	6.15	7.03
			Btu/h	15,000	21,000	24,000
			US RT	1.25	1.74	1.99
Power	Power Input	Cooling	W	50	50	50
		Heating		50	50	50
	Current Input	Cooling	A	0.5	0.5	0.5
		Heating		0.5	0.5	0.5
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Blue Hydrophilic	Blue Hydrophilic	Blue Hydrophilic
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Quantity		EA	1	1	1
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	13.8 / 13.3 / 12.3 / 11.4	13.8 / 13.3 / 12.3 / 11.4	17.7 / 16.5 / 14.9 / 13.2
			ft³/min	486 / 469 / 435 / 401	486 / 469 / 435 / 401	623 / 584 / 525 / 465
			l/s	230 / 221 / 205 / 189	230 / 221 / 205 / 189	294 / 276 / 248 / 220
		Heating (T/H/M/L)	m³/min	14.2 / 13.7 / 12.7 / 11.7	14.2 / 13.7 / 12.7 / 11.7	17.8 / 16.7 / 15.0 / 13.3
			ft³/min	623 / 584 / 525 / 465	623 / 584 / 525 / 465	629 / 589 / 529 / 470
			l/s	237 / 229 / 212 / 196	237 / 229 / 212 / 196	297 / 278 / 250 / 222
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W x n	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	12.70 (1/2)	12.70 (1/2)	15.88 (5/8)
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
Drain Pipe		Φ, mm(inch)	ID18(FPT 3/4)	ID18(FPT 3/4)	ID18(FPT 3/4)	
Wiring connections	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound Level	Sound Pressure Level	H / Silent	dB(A)	41/30	41/30	45/30
External Dimension	Net Weight		kg (lbs)	11.5 (25.4)	11.5 (25.4)	11.5 (25.4)
	Shipping Weight		kg (lbs)	13.1 (29.1)	13.1 (29.1)	13.1 (29.1)
	Net Dimensions (WxHxD)		mm	1,055 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215
			inch	41-9/16 x 11-3/4 x 8-7/16	41-9/16 x 11-3/4 x 8-7/16	41-9/16 x 11-3/4 x 8-7/16
	Shipping Dimensions (WxHxD)		mm	1,115 x 290 x 375	1,115 x 290 x 375	1,115 x 290 x 375
inch			43-7/8 x 11-7/16 x 14-3/4	43-7/8 x 11-7/16 x 14-3/4	43-7/8 x 11-7/16 x 14-3/4	
Casing	Material		-	HIPS	HIPS	HIPS
Additional Accessories	Air Filter		-	Pre-Filter	Pre-Filter	Pre-Filter



NOTE

- Specifications may be subject to change without prior notice.
- 1) Performances are based on the following test conditions.
 - Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB
 - Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB
 - Equivalent refrigerant pipe length 16.4ft(5m), Level differences 0ft(0m)
- 2) Select wire size based on the value of MCA
- 3) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20µPa
- 4) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power: 1pW
 - Measured according to ISO 3741
- 5) These products contain R32 which is fluorinated greenhouse gas.

2. Specification

WindFree™* 1Way Cassette

Model Name				AC009DN1DCG/AA		AC012DN1DCG/AA		
US Code				CNG091DD		CNG121DD		
Power Supply			Ø, #, V, Hz	1,2,208-230,60		1,2,208-230,60		
Mode			-	HEAT PUMP		HEAT PUMP		
Performance	TON		TON	0.75		1.00		
	Capacity	Cooling	kW	2.64		3.52		
			Btu/h	9,000		12,000		
			US RT	0.75		1.00		
		Heating	kW	3.52		4.10		
	Btu/h		12,000		14,000			
	US RT		1.00		1.17			
Power	Power Input	Cooling	W	25		25		
		Heating		25		25		
	Current Input	Cooling	A	0.26		0.26		
		Heating		0.26		0.26		
Heat Exchanger	Type		-	Fin & Tube		Fin & Tube		
	Material	Fin	-	Al		Al		
		Tube	-	Cu		Cu		
	Fin Treatment		-	Green Hydrophile		Green Hydrophile		
Fan	Type		-	Crossflow Fan		Crossflow Fan		
	Quantity		EA	1		1		
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	7.3 / 6.5 / 5.8		9.0 / 8.2 / 7.2		
			ft³/min	257.8 / 229.5 / 204.8		317.8 / 289.6 / 254.3		
			l/s	122 / 108 / 97		150 / 137 / 120		
		Heating (T/H/M/L)	m³/min	7.3 / 6.5 / 5.8		9.0 / 8.2 / 7.2		
			ft³/min	257.8 / 229.5 / 204.8		317.8 / 289.6 / 254.3		
			l/s	122 / 108 / 97		150 / 137 / 120		
Fan Motor	Type		-	BLDC		BLDC		
	Output		W x n	27 x 1		27 x 1		
Piping Connections	Liquid Pipe		Type	Flare connection		Flare connection		
			Φ, mm (inch)	6.35 (1/4)		6.35 (1/4)		
	Gas Pipe		Type	Flare connection		Flare connection		
			Φ, mm (inch)	9.52 (3/8)		9.52 (3/8)		
	Heat Insulation		-	Both Liquid & Gas pipes		Both Liquid & Gas pipes		
Wiring connections	Communication		Min.	AWG	16		16	
			Remark	-	F1, F2		F1, F2	
	Type		-	R32		R32		
Refrigerant	Electronic Expansion Valve		-	EEV NOT INCLUDED		EEV NOT INCLUDED		
			-					
Sound Level	Sound Pressure Level	High/Mid/Low	dB(A)	32 / 29 / 26		35 / 32 / 29		
External Dimension	Net Weight		kg (lbs)	9.0 (19.8)		9.0 (19.8)		
	Shipping Weight		kg (lbs)	12.0 (26.5)		12.0 (26.5)		
	Net Dimensions (WxHxD)		mm	970 x 135 x 410		970 x 135 x 410		
			inch	38-3/16 x 5-5/16 x 16-1/8		38-3/16 x 5-5/16 x 16-1/8		
	Shipping Dimensions (WxHxD)		mm	1,173 x 231 x 487		1,173 x 231 x 487		
			inch	463/16 x 9-1/8 x 19-3/16		463/16 x 9-1/8 x 19-3/16		
Casing	Material		-	Polypropylene		Polypropylene		
Panel	Model Name		-	PC1NWFMMUNW		PC1NWFMMUNW		
	Type		-	Wind-Free		Wind-Free		
	Material		-	HIPS		HIPS		
	Color		-	DA White		DA White		
	Net Weight		kg (lbs)	4.3 (9.48)		4.3 (9.48)		
	Shipping Weight		kg (lbs)	6.0 (13.23)		6.0 (13.23)		
	Net Dimensions (W×H×D)		mm	1,198 x 34 x 500		1,198 x 34 x 500		
			inch	47-3/16 x 1-5/16 x 19-11/16		47-3/16 x 1-5/16 x 19-11/16		
	Shipping Dimensions (W×H×D)		mm	1,262 x 122 x 566		1,262 x 122 x 566		
			inch	49-11/16 x 4-13/16 x 22-5/16		49-11/16 x 4-13/16 x 22-5/16		
Drain pump	Drain pump		-	Built In		Built In		
	Max. lifting Height / Displacement		in / gal/h	29.53 / 6.34		29.53 / 6.34		
Additional Accessories	Air Filter		-	-		-		

2. Specification

WindFree™* 4Way Cassette (2x2)

Model Name				AC009DNNDG/AA	AC012DNNDG/AA	AC018DNNDG/AA
US Code				CNG09NDD	CNG12NDD	CNG18NDD
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode				HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	TON		TON	0.76	1.00	1.42
	Capacity	Cooling	kW	2.67	3.51	4.98
			Btu/h	9,100	12,000	17,000
			US RT	0.76	1.00	1.42
		Heating	kW	2.93	4.10	5.86
	Btu/h		10,000	14,000	20,000	
	US RT		0.83	1.17	1.67	
Power	Power Input	Cooling	W	30	30	30
		Heating		30	30	30
	Current Input	Cooling	A	0.30	0.30	0.30
		Heating		0.30	0.30	0.30
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Green Hydrophile	Green Hydrophile	Green Hydrophile
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan
	Quantity		EA	1	1	1
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	8.0 / 7.0 / 6.0	9.2 / 8.0 / 6.4	10.5 / 9.5 / 8.5
			ft³/min	282.5 / 247.2 / 211.9	324.9 / 282.5 / 226.0	370.8 / 335.5 / 300.2
			l/s	133 / 117 / 100	153 / 133 / 107	175 / 158 / 142
		Heating (T/H/M/L)	m³/min	8.0 / 7.0 / 6.0	9.2 / 8.0 / 6.4	10.5 / 9.5 / 8.5
			ft³/min	282.5 / 247.2 / 211.9	324.9 / 282.5 / 226.0	370.8 / 335.5 / 300.2
l/s			133 / 117 / 100	153 / 133 / 107	175 / 158 / 142	
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W x n	65 x 1	65 x 1	65 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
Drain Pipe			Φ, mm(inch)	OD 26.67 (1.05)	OD 26.67 (1.05)	OD 26.67 (1.05)
Wiring connections	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound Level	Sound Pressure Level	High/Mid/Low	dB(A)	31 / 28 / 25	34 / 30 / 25	39 / 34 / 29
External Dimension	Net Weight		kg (lbs)	11.5 (25.4)	11.5 (25.4)	11.5 (25.4)
	Shipping Weight		kg (lbs)	14.0 (30.9)	14.0 (30.9)	14.0 (30.9)
	Net Dimensions (WxHxD)		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
			inch	22-5/8 x 9-13/16 x 22-5/8	22-5/8 x 9-13/16 x 22-5/8	22-5/8 x 9-13/16 x 22-5/8
	Shipping Dimensions (WxHxD)		mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
inch			24-1/2 x 11-3/4 x 25-11/16	24-1/2 x 11-3/4 x 25-11/16	24-1/2 x 11-3/4 x 25-11/16	
Casing	Material		-	Polypropylene	Polypropylene	Polypropylene
Panel	Model Name		-	PC4SUFMUNW	PC4SUFMUNW	PC4SUFMUNW
	Type		-	Wind Free	Wind Free	Wind Free
	Material		-	HIPS	HIPS	HIPS
	Color		-	White	White	White
	Net Weight		kg (lbs)	2.7 (5.95)	2.7 (5.95)	2.7 (5.95)
	Shipping Weight		kg (lbs)	3.9 (8.60)	3.9 (8.60)	3.9 (8.60)
	Net Dimensions (W×H×D)		mm	620 x 34 x 620	620 x 34 x 620	620 x 34 x 620
			inch	24-7/16 x 1-5/16 x 24-7/16	24-7/16 x 1-5/16 x 24-7/16	24-7/16 x 1-5/16 x 24-7/16
	Shipping Dimensions (W×H×D)		mm	670 x 120 x 655	670 x 120 x 655	670 x 120 x 655
			inch	26-3/8 x 4-3/4 x 25-13/16	26-3/8 x 4-3/4 x 25-13/16	26-3/8 x 4-3/4 x 25-13/16
Drain pump	Drain pump		-	Built In	Built In	Built In
	Max. lifting Height / Displacement		in / gal/h	29.53 / 6.34	29.53 / 6.34	29.53 / 6.34
Additional Accessories	Air Filter		-	-	-	-

2. Specification

Slim duct

Model Name				AC009DNLDCG/AA	AC012DNLDCG/AA	AC018DNLDCG/AA	
US Code				CNG09LDD	CNG12LDD	CNG18LDD	
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	TON		TON	0.75	1.00	1.46	
	Capacity	Cooling	kW	2.64	3.52	5.13	
			Btu/h	9,000	12,000	17,500	
			US RT	0.75	1.00	1.46	
		Heating	kW	3.52	4.10	5.86	
			Btu/h	12,000	14,000	20,000	
US RT			1.00	1.17	1.66		
Power	Power Input	Cooling	W	120	120	120	
		Heating		120	120	120	
	Current Input	Cooling	A	1.06	1.06	1.06	
		Heating		1.06	1.06	1.06	
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube	
	Material	Fin	-	Al	Al	Al	
		Tube	-	Cu	Cu	Cu	
	Fin Treatment		-	Green Hydrophile	Green Hydrophile	Green Hydrophile	
Fan	Type		-	Sirroco Fan	Sirroco Fan	Sirroco Fan	
	Quantity		EA	2	2	2	
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	9.2 / 8.0 / 7.0	12.9 / 10.9 / 9.2	17.0 / 13.0 / 10.0	
			ft³/min	325.0 / 282.6 / 247.3	455.6 / 385.0 / 325.0	600.5 / 459.2 / 353.2	
			l/s	153 / 133 / 117	215 / 182 / 153	283 / 217 / 167	
		Heating (T/H/M/L)	m³/min	9.2 / 8.0 / 7.0	12.9 / 10.9 / 9.2	17.0 / 13.0 / 10.0	
			ft³/min	325.0 / 282.6 / 247.3	455.6 / 385.0 / 325.0	600.5 / 459.2 / 353.2	
			l/s	153 / 133 / 117	215 / 182 / 153	283 / 217 / 167	
	External Static pressure	Max. (Min/Std/Max)	mmAq	0.3 / 2.6 / 6.0	0.3 / 2.6 / 6.0	0.3 / 2.6 / 6.0	
			Pa	3 / 26 / 59	3 / 26 / 59	3 / 26 / 59	
			In Wg	0 / 0.10 / 0.24	0 / 0.10 / 0.24	0 / 0.10 / 0.24	
Fan Motor	Type		-	BLDC	BLDC	BLDC	
	Output		W x n	84 x 1	84 x 1	84 x 1	
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	
			Φ,mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection	
			Φ,mm (inch)	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)	
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes	
	Drain Pipe		Φ,mm(inch)	OD 26.67 (1.05)	OD 26.67 (1.05)	OD 26.67 (1.05)	
Wiring connections	Communication	Min.	AWG	16	16	16	
		Remark	-	F1, F2	F1, F2	F1, F2	
Refrigerant	Type		-	R32	R32	R32	
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound Level	Sound Pressure Level	High/Mid/Low	dB(A)	33 / 30 / 26	34 / 31 / 27	35 / 32 / 28	
External Dimension	Net Weight		kg (lbs)	19.2 (42.3)	19.2 (42.3)	22.5 (42.3)	
	Shipping Weight		kg (lbs)	22.4 (49.4)	22.4 (49.4)	26.0 (49.4)	
	Net Dimensions (WxHxD)			mm	900 x 199 x 440	900 x 199 x 440	1100 x 199 x 440
				inch	35-7/16 x 7-13/16 x 17-5/16	35-7/16 x 7-13/16 x 17-5/16	43-5/16 x 7-13/16 x 17-5/16
	Shipping Dimensions (WxHxD)				mm	1151 x 280 x 544	1351 x 280 x 544
Casing			inch	45-5/16 x 11 x 21-7/16	45-5/16 x 11 x 21-7/16	53-3/16 x 11 x 21-7/16	
Drain pump	Material		-	EGI Steel Plate	EGI Steel Plate	EGI Steel Plate	
	Drain pump		-	Built In	Built In	Built In	
	Max. lifting Height / Displacement		in / gal/h	29.53 / 6.34	29.53 / 6.34	29.53 / 6.34	
Additional Accessories	Drain Pump (included as standard)	External Model	-	-	-	-	
		Internal Model	-	MDP-E075SEE3	MDP-E075SEE3	MDP-E075SEE3	
		Max. lifting Height / Displacement	in / gal/h	29.53 / 6.34	29.53 / 6.34	29.53 / 6.34	
	Air Filter		-	INCLUDED Removable / Washable	INCLUDED Removable / Washable	INCLUDED Removable / Washable	

• Specifications may be subject to change without prior notice.

- Performances are based on the following test conditions.
 - Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB / - Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB
 - Equivalent refrigerant pipe length 16.4ft(5m), Level differences 0ft(0m)
- Select wire size based on the value of MCA
- Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment. / - Sound pressure level may differ depending on operation condition.
 - dB(A) = A-weighted sound pressure level / - Reference acoustic pressure 0 dB = 20uPa
- Sound power level is an absolute value that a sound source generates.
 - dB(A) = A-weighted sound power level / - Reference power: 1pW / - Measured according to ISO 3741
- These products contain R32 which is fluorinated greenhouse gas.

2. Specification

Duct S

Model Name				AJ009DNHDCG/AA	AJ012DNHDCG/AA	AJ015DNHDCG/AA	AJ018DNHDCG/AA	
US Code				JNG09HDD	JNG12HDD	JNG15HDD	JNG18HDD	
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	
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance	TON		TON	0.75	1.00	1.24	1.49	
	Capacity	Cooling	kW	2.64	3.52	4.40	5.28	
			Btu/h	9,000	12,000	15,000	18,000	
			US RT	0.75	1.00	1.24	1.49	
		Heating	kW	3.52	4.10	5.28	6.15	
	Btu/h		12,000	14,000	18,000	21,000		
	US RT		3.52	4.10	5.28	6.15		
Power	Power Input	Cooling	W	240	240	240	240	
		Heating		240	240	240	240	
	Current Input	Cooling	A	2.10	2.10	2.10	2.10	
		Heating		2.10	2.10	2.10	2.10	
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube	Fin & Tube	
	Material	Fin	-	Al	Al	Al	Al	
		Tube	-	Cu	Cu	Cu	Cu	
	Fin Treatment		-	Green Hydrophile	Green Hydrophile	Green Hydrophile	Green Hydrophile	
Fan	Type		-	Sirroco Fan	Sirroco Fan	Sirroco Fan	Sirroco Fan	
	Quantity		EA	2	2	2	2	
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	12.9 / 10.3 / 7.9	14.6 / 11.6 / 9.0	15.4 / 11.8 / 9.2	16.4 / 12.0 / 9.4	
			ft³/min	455.6 / 363.8 / 279.0	515.7 / 409.7 / 317.9	544.0 / 416.8 / 324.6	579.3 / 423.9 / 332.0	
			l/s	215 / 172 / 312	243 / 193 / 150	257 / 197 / 153	273 / 200 / 157	
		Heating (T/H/M/L)	m³/min	12.9 / 10.3 / 7.9	14.6 / 11.6 / 9.0	15.4 / 11.8 / 9.2	16.4 / 12.0 / 9.4	
			ft³/min	455.6 / 363.8 / 279.0	515.7 / 409.7 / 317.9	544.0 / 416.8 / 324.6	579.3 / 423.9 / 332.0	
			l/s	215 / 172 / 312	243 / 193 / 150	257 / 197 / 153	273 / 200 / 157	
	External Static pressure	Max. (Min/Std/Max)	mmAq	2.5 / 14.7 / 15.0	2.5 / 14.7 / 15.0	2.5 / 14.7 / 15.0	2.5 / 14.7 / 15.0	
			Pa	2.5 / 144.2 / 147.1	2.5 / 144.2 / 147.1	2.5 / 144.2 / 147.1	2.5 / 144.2 / 147.1	
In Wg			0.1 / 0.6 / 0.6	0.1 / 0.6 / 0.6	0.1 / 0.6 / 0.6	0.1 / 0.6 / 0.6		
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC	
	Output		W x n	153 x 1	153 x 1	153 x 1	153 x 1	
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection	
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection	
			Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)	12.70 (1/2)	
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes	
Drain Pipe			Φ, mm(inch)	OD 26.67 (1.05)	OD 26.67 (1.05)	OD 26.67 (1.05)	OD 26.67 (1.05)	
Wiring connections	Communication	Min.	AWG	16	16	16	16	
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2	
Refrigerant	Type		-	R32	R32	R32	R32	
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound Level	Sound Pressure Level	High/Mid/Low	dB(A)	30 / 27 / 23	31 / 28 / 25	33 / 29 / 25	40 / 36 / 32	
External Dimension	Net Weight		kg (lbs)	25.5 (56.2)	25.5 (56.2)	25.5 (56.2)	25.5 (56.2)	
	Shipping Weight		kg (lbs)	30.0 (66.1)	30.0 (66.1)	30.0 (66.1)	30.0 (66.1)	
	Net Dimensions (WxHxD)		mm	850 x 250 x 700	850 x 250 x 700	850 x 250 x 700	850 x 250 x 700	
			inch	33-7/16 x 9-13/16 x 27-9/16	33-7/16 x 9-13/16 x 27-9/16	33-7/16 x 9-13/16 x 27-9/16	33-7/16 x 9-13/16 x 27-9/16	
	Shipping Dimensions (WxHxD)		mm	1064 x 320 x 784	1064 x 320 x 784	1064 x 320 x 784	1064 x 320 x 784	
inch			41-7/8 x 12-5/8 x 30-7/8	41-7/8 x 12-5/8 x 30-7/8	41-7/8 x 12-5/8 x 30-7/8	41-7/8 x 12-5/8 x 30-7/8		
Casing	Material		-	EGI Steel Plate	EGI Steel Plate	EGI Steel Plate	EGI Steel Plate	
Drain pump	Drain pump		-	Built In	Built In	Built In	Built In	
	Max. lifting Height / Displacement		in / gal/h	29.53 / 6.34	29.53 / 6.34	29.53 / 6.34	29.53 / 6.34	
Additional Accessories	Drain Pump (included as standard)		External Model	-	-	-	-	
			Internal Model	-	MDP-G075SQ	MDP-G075SQ	MDP-G075SQ	MDP-G075SQ
			Max. lifting Height / Displacement	in / gal/h	29.53 / 6.34	29.53 / 6.34	29.53 / 6.34	29.53 / 6.34
	Air Filter		-	-	-	-	-	

• Specifications may be subject to change without prior notice.

- Performances are based on the following test conditions.
 - Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB / - Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB
 - Equivalent refrigerant pipe length 16.4ft(5m), Level differences 0ft(0m)
- Select wire size based on the value of MCA
- Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment. / - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level / - Reference acoustic pressure 0 dB = 20uPa
- Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level / - Reference power: 1pW / - Measured according to ISO 3741
- These products contain R32 which is fluorinated greenhouse gas.

2. Specification

Console

Model Name				AC009DNJDCG/AA	AC012DNJDCG/AA	AC015DNJDCG/AA	AC018DNJDCG/AA
US Code				CNG09JDD	CNG12JDD	CNG15JDD	CNG18JDD
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
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	TON		TON	0.75	0.85	1.24	1.33
	Capacity	Cooling	kW	2.64	2.99	4.40	4.69
			Btu/h	9,000	10,200	15,000	16,000
		Heating	US RT	0.75	0.85	1.24	1.33
			Cooling	kW	2.96	3.81	5.28
	Btu/h			10,100	13,000	18,000	19,000
	Power	Current Input		Heating	0.84	1.08	1.50
Power		Power Input	Cooling	W	54	54	54
	Heating		54		54	54	54
	Current Input	Cooling	A	0.49	0.49	0.49	0.49
		Heating		0.49	0.49	0.49	0.49
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al	Al
		Tube	-	Cu	Cu	Cu	Cu
	Fin Treatment		-	Green Hydrophile	Green Hydrophile	Green Hydrophile	Green Hydrophile
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Quantity		EA	1	1	1	1
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	7.5 / 6.8 / 6.0	8.5 / 7.2 / 6.2	9.0 / 7.8 / 6.8	9.4 / 8.4 / 7.4
			ft³/min	264.9 / 240.1 / 211.9	300.2 / 254.3 / 219.0	317.9 / 275.5 / 240.2	332.0 / 296.6 / 261.3
			l/s	125 / 113 / 100	141 / 120 / 103	150 / 130 / 113	156 / 139 / 123
		Heating (T/H/M/L)	m³/min	8.5 / 7.2 / 6.2	9.0 / 8.2 / 7.2	10.7 / 9.7 / 8.8	11.0 / 9.7 / 8.5
			ft³/min	300 / 254 / 219	318 / 290 / 254	378 / 343 / 311	388 / 343 / 300
			l/s	142 / 120 / 103	150 / 137 / 120	178 / 162 / 147	183 / 162 / 142
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC
	Output		W x n	35 x 1	35 x 1	35 x 1	35 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)	12.70 (1/2)
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
Drain Pipe		Φ, mm(inch)	ID 18 (0.71)	ID 18 (0.71)	ID 18 (0.71)	ID 18 (0.71)	
Wiring connections	Communication	Min.	AWG	16	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound Level	Sound Pressure Level	High/Mid/Low	dB(A)	35 / 31 / 29	38 / 35 / 33	42 / 39 / 35	43 / 39 / 35
External Dimension	Net Weight		kg (lbs)	15.7 (34.6)	15.7 (34.6)	16.2 (35.7)	15.9 (35.1)
	Shipping Weight		kg (lbs)	20.0 (44.1)	20.0 (44.1)	20.8 (45.9)	20.2 (44.5)
	Net Dimensions (WxHxD)		mm	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199
			inch	28-3/8 x 24-7/16 x 7-13/16	28-3/8 x 24-7/16 x 7-13/16	28-3/8 x 24-7/16 x 7-13/16	28-3/8 x 24-7/16 x 7-13/16
	Shipping Dimensions (WxHxD)		mm	805 x 297 x 705	805 x 297 x 705	805 x 297 x 705	805 x 297 x 705
inch			31-11/16 x 11-11/16 x 27-3/4	31-11/16 x 11-11/16 x 27-3/4	31-11/16 x 11-11/16 x 27-3/4	31-11/16 x 11-11/16 x 27-3/4	
Casing	Material	-	HIPS	HIPS	HIPS	HIPS	
Drain pump	Drain pump		-	-	-	-	
	Max. lifting Height / Displacement		in / gal/h	-	-	-	
Additional Accessories	Air Filter		-	Removable / Washable	Removable / Washable	Removable / Washable	Removable / Washable



NOTE

- Specifications may be subject to change without prior notice.
- 1) Performances are based on the following test conditions.
 - Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB
 - Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB
 - Equivalent refrigerant pipe length 16.4ft(5m), Level differences 0ft(0m)
- 2) Select wire size based on the value of MCA.
- 3) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa
- 4) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power: 1pW
 - Measured according to ISO 3741
- 5) These products contain R32 which is fluorinated greenhouse gas.

2. Specification

Multi Position AHU

Model Name				AJ012DNZDCG/AA	AJ018DNZDCG/AA	AJ024DNZDCG/AA
US Code				JNG12ZDD	JNG18ZDD	JNG24ZDD
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	TON		TON	1.00	1.49	1.99
	Capacity	Cooling	kW	3.52	5.28	7.03
			Btu/h	12,000	18,000	24,000
			US RT	1.00	1.49	1.99
		Heating	kW	3.96	5.86	7.91
			Btu/h	13,500	20,000	27,000
			US RT	1.13	1.66	2.24
Power	Power Input	Cooling	W	170	170	170
		Heating		170	170	170
	Current Input	Cooling	A	1.5	1.5	1.5
		Heating		1.5	1.5	1.5
Heat Exchanger	Type	-	-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment	-	-	Green Hydrophile	Green Hydrophile	Green Hydrophile
Fan	Type	-	-	Sirroco Fan (ECM)	Sirroco Fan (ECM)	Sirroco Fan (ECM)
	Quantity		EA	1	1	1
	Air Flow Rate	Cooling (T/H/M/L)	m³/min	10.6 / 8.1 / 6.9	17.0 / 15.0 / 14.0	21.5 / 18.0 / 15.5
			ft³/min	374.4 / 286.1 / 243.7	600.4 / 529.8 / 494.5	759.4 / 635.8 / 547.5
			l/s	177 / 135 / 115	283 / 250 / 233	358 / 300 / 258
		Heating (T/H/M/L)	m³/min	10.6 / 8.1 / 6.9	17.0 / 15.0 / 14.0	21.5 / 18.0 / 15.5
			ft³/min	374.4 / 286.1 / 243.7	600.4 / 529.8 / 494.5	759.4 / 635.8 / 547.5
			l/s	177 / 135 / 115	283 / 250 / 233	358 / 300 / 258
	External Static pressure	Max. (Min/Std/Max)	mmAq	2.5 / 10.0 / 13.0	2.5 / 14.7 / 15.0	2.5 / 14.7 / 15.0
			Pa	24.5 / 98.1 / 127.5	24.5 / 144.2 / 147.1	24.5 / 144.2 / 147.1
			In Wg	0.10 / 0.39 / 0.51	0.10 / 0.58 / 0.59	0.10 / 0.58 / 0.59
Fan Motor	Type	-	-	BLDC	BLDC	BLDC
	Output		W x n	153 x 1	153 x 1	153 x 1
Piping Connections	Liquid Pipe	Type	-	Flare connection	Flare connection	Flare connection
		Φ, mm (inch)	-	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe	Type	-	Flare connection	Flare connection	Flare connection
		Φ, mm (inch)	-	9.52 (3/8)	12.70 (1/2)	15.88 (5/8)
	Heat Insulation	-	-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
Drain Pipe	-	Φ, mm(inch)	-	NPT 19.05 (3/4)	NPT 19.05 (3/4)	NPT 19.05 (3/4)
Wiring connections	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type	-	-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound Level	Sound Pressure Level	High/Mid/Low	dB(A)	36 / 34 / 32	40 / 37 / 34	43 / 40 / 37
External Dimension	Net Weight		kg (lbs)	43.0 (95)	45.5 (100)	45.5 (100)
	Shipping Weight		kg (lbs)	48.0 (105)	50.0 (110)	50.0 (110)
	Net Dimensions (WxHxD)		mm	445 x 1092 x 533	445 x 1092 x 533	445 x 1092 x 533
			inch	17-1/2 x 42-1 x 21	17-1/2 x 42-1 x 21	17-1/2 x 42-1 x 21
	Shipping Dimensions (WxHxD)		mm	493 x 1135 x 665	493 x 1135 x 665	493 x 1135 x 665
inch			19-7/16 x 44-11/16 x 26-3/16	19-7/16 x 44-11/16 x 26-3/16	19-7/16 x 44-11/16 x 26-3/16	
Casing	Material	-	-	EGI Steel Plate	EGI Steel Plate	EGI Steel Plate
Drain pump	Drain pump	-	-	Built In	Built In	Built In
	Max. lifting Height / Displacement		in / gal/h	-	-	-
Additional Accessories	Drain Pump (included as standard)	External Model	-	-	-	-
		Internal Model	-	-	-	-
		Max. lifting Height / Displacement	in / gal/h	-	-	-
	Air Filter		-	-	VFB-1 (Option)	VFB-1 (Option)

• Specifications may be subject to change without prior notice.

- Performances are based on the following test conditions.
 - Cooling : Indoor temperature : 80°F (26.7°C) DB, 67°F (19.4°C) WB, Outdoor temperature : 95°F (35°C) DB, 75°F (23.9°C) WB / - Heating : Indoor temperature : 70°F (21.1°C) DB, 60°F (15.6°C) WB, Outdoor temperature : 47°F (8.3°C) DB, 43°F (6.1°C) WB
 - Equivalent refrigerant pipe length 16.4ft(5m), Level differences 0ft(0m)
- Select wire size based on the value of MCA
- Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment. / - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level / - Reference acoustic pressure 0 dB = 20uPa
- Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level / - Reference power: 1pW / - Measured according to ISO 3741
- These products contain R32 which is fluorinated greenhouse gas.

3. Electrics Characteristics

Outdoor Units

Capacity (Cooling) [kBtu/h]	Model	Power Supply		Voltage Range		Running Current [A]		Current [A]		ODU Fan Motor [kW]
		Hz	Voltage	Min. (-10%)	Max. (+10%)	Cooling	Heating	MCA	MOP	
20	JXG20S3D (AJ020DXS3CG/AA)	60	208~230	187	253	6.2	6.2	35.9	40	0.250
24	JXG24S4D (AJ024DXS4CG/AA)	60	208~230	187	253	7.6	6.9	35.9	40	0.250
30	JXG30S4D (AJ030DXS4CG/AA)	60	208~230	187	253	9.3	9.3	35.9	40	0.250
36	JXG36S4D (AJ036DXS4CG/AA)	60	208~230	187	253	12.1	11.3	35.9	40	0.250

NOTE

- MCA : Minimum circuit amperes (A)
- MOP : Maximum Overcurrent Protective Device (A)
- Select wire size based on the value of MCA

4. Combination Table

※ Note

- Combination guide when applying AJ0**DNHDCG/AA (Duct S) or AJ0**DNZDCG/AA (MPAHU) indoor units
 - Two indoor unit combination can be configured with "MPAHU" or "Duct S".
 - However, further connection of other kinds of indoor units is prohibited in this case.
 - If AJ0**DNHDCG/AA (Duct S) or AJ0**DNZDCG/AA (MPAHU) indoor units are included in the combination, the total sum of indoor unit nominal capacity cannot exceed the outdoor unit nominal capacity (max. 100% design diversity/capacity ratio).
 - If the indoor unit combination includes AJ0**DNHDCG/AA (Duct S) or AJ0**DNZDCG/AA (MPAHU) indoor units and does not meet the installation combination restrictions, error code E563 error will display and the system will not operate.
 - If error code E563 occurs, Cool Mode and Pipe Check operations are still possible.

Combination Guide for Systems That Include AJ***DNHDCG/AA or AJ***DNZDCG/AA						
Outdoor Unit Model Code	Mixed Installation*	4 Indoor Unit Connection	3 Indoor Unit Connection	2 Indoor Unit Connection	Combination Ratio	Outdoor Index
JXG20S3D (AJ020DXS3CG/AA)	Allowed	Not Allowed	Not Allowed	Allowed	≤ 1.0	21
JXG24S3D (AJ024DXS4CG/AA)	Allowed	Not Allowed	Allowed	Allowed	≤ 1.0	24
JXG30S4D (AJ030DXS4CG/AA)	Allowed	Not Allowed	Allowed	Allowed	≤ 1.0	30
JXG36S4D (AJ036DXS4CG/AA)	Allowed	Not Allowed	Allowed	Allowed	≤ 1.0	36

* Mixed installation means mixing AJ***DNHDCG/AA and AJ***DNZDCG/AA units on the same system

4. Combination Table

Combinations that include Duct S and MPAHU indoor units and optional Slim Duct and non-ducted indoor units.

Note

1. Combination tables on the following pages lists combinations for systems with all non-ducted units or all ducted units (not mixed). While reviewing indoor unit combinations in this section, if Duct S or MPAHU indoor units are included in the system combination, only the combinations noted below are allowed (mixed Duct S/MPAHU with other indoor unit types).
2. System combinations that include one Duct S or one MPAHU can also include Slim Duct, high-wall, cassette, and console indoor units.

JXG20S3D (AJ020DXS3CG/AA)

Outdoor Index: 21

Unit Qty.	Indoor Index					Total
	A	B	C	D	E	
2	7	9				16
	7	12				19
	9	9				18
	9	12				21

JXG24S4D (AJ024DXS4CG/AA)

Outdoor Index: 24

Unit Qty.	Indoor Index					Total
	A	B	C	D	E	
2	7	9				16
	7	12				19
	7	15				22
	9	9				18
	9	12				21
	9	15				24
	12	12				24
3	7	7	9			23

JXG30S4D (AJ030DXS4CG/AA)

Outdoor Index: 30

Unit Qty.	Indoor Index					Total
	A	B	C	D	E	
2	7	9				16
	7	12				19
	7	15				22
	7	18				25
	9	9				18
	9	12				21
	9	15				24
	9	18				27
	12	12				24
	12	15				27
3	12	18				30
	15	15				30
	7	7	7			21
	7	7	9			23
	7	7	12			26
	7	7	15			29
	7	9	9			25
	7	9	12			28
9	9	9	9			27
	9	9	12			30

JXG36S4D (AJ036DXS4CG/AA)

Outdoor Index: 36

Unit Qty.	Indoor Index					Total
	A	B	C	D	E	
2	7	9				16
	7	12				19
	7	15				22
	7	18				25
	7	24				31
	9	9				18
	9	12				21
	9	15				24
	9	18				27
	9	24				33
	12	12				24
	12	15				27
	12	18				30
	12	24				36
	15	15				30
	15	18				33
	18	18				36
3	7	7	9			23
	7	7	12			26
	7	7	15			29
	7	7	18			32
	7	9	9			25
	7	9	12			28
	7	9	15			31
	7	9	18			34
	7	12	12			31
	7	12	15			34
	9	9	9			27
	9	9	12			30
	9	9	15			33
	9	9	18			36
	9	12	12			33
	9	12	15			36
	12	12	12			36

4. Combination Table

JXG20S3D(AJ020DXS3CG/AA)

Cooling (Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	9	9				18	9,000	9,000				18,000	9,000	18,000	24,000	656	1,350	2,000	3.10	6.00	8.90	13.33
	9	12				21	9,000	12,000				21,000	9,000	21,000	27,000	657	1,560	2,320	3.10	6.90	10.30	13.46
	12	12				24	10,500	10,500				21,000	9,000	21,000	30,000	661	1,560	2,740	3.20	6.90	12.20	13.46
3	9	9	9			27	7,000	7,000	7,000			21,000	9,500	21,000	34,000	600	1,560	2,900	2.90	6.90	12.90	13.45

Heating (Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	9	9				18	10,900	10,900				21,800	7,600	21,800	30,000	450	2,210	3,000	2.20	9.80	13.30	2.89
	9	12				21	9,430	12,570				22,000	7,600	22,000	34,000	450	2,230	3,220	2.20	9.90	14.30	2.89
	12	12				24	11,000	11,000				22,000	7,600	22,000	36,000	450	2,230	3,440	2.20	9.90	15.30	2.89
3	9	9	9			27	7,330	7,330	7,340			22,000	7,600	22,000	38,000	450	2,010	3,560	2.20	8.90	15.80	3.20

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 27.
- At least two indoor units must be connected for operation.
- If AJ0**DNHDCG/AA or AJ0**DNZDCG/AA is included in the combination, the combination criteria noted must be followed.

4. Combination Table

JXG20S3D(AJ020DXS3CG/AA)

Cooling (Non Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	7	7				14	7,000	7,000				14,000	9,000	14,000	21,000	650	1,140	1,500	3.10	5.10	6.70	12.28
	7	9				16	7,000	9,000				16,000	9,000	16,000	23,000	651	1,250	1,700	3.10	5.50	7.50	12.80
	7	12				19	7,000	12,000				19,000	9,000	19,000	26,000	652	1,460	2,100	3.10	6.50	9.30	13.01
	7	15				22	6,680	14,320				21,000	9,000	21,000	30,000	653	1,560	2,630	3.10	6.90	11.70	13.46
	9	9				18	9,000	9,000				18,000	9,000	18,000	24,500	656	1,350	1,950	3.10	6.00	8.70	13.33
	9	12				21	9,000	12,000				21,000	9,000	21,000	28,000	657	1,560	2,400	3.10	6.90	10.60	13.46
	9	15				24	7,880	13,120				21,000	9,000	21,000	30,000	658	1,560	2,630	3.10	6.90	11.70	13.46
	12	12				24	10,500	10,500				21,000	9,000	21,000	30,000	661	1,560	2,630	3.20	6.90	11.70	13.46
	12	15				27	9,330	11,670				21,000	9,000	21,000	33,000	662	1,560	2,740	3.20	6.90	12.20	13.46
3	7	7	7			21	7,000	7,000	7,000			21,000	9,500	21,000	30,000	600	1,400	2,200	2.90	6.20	9.80	15.00
	7	7	9			23	6,390	6,390	8,220			21,000	9,500	21,000	32,000	600	1,400	2,540	2.90	6.20	11.30	15.00
	7	7	12			26	5,650	5,650	9,700			21,000	9,500	21,000	34,000	600	1,400	2,740	2.90	6.20	12.20	15.00
	7	9	9			25	5,880	7,560	7,560			21,000	9,500	21,000	34,000	600	1,400	2,740	2.90	6.20	12.20	15.00
	9	9	9			27	7,000	7,000	7,000			21,000	9,500	21,000	34,000	600	1,400	2,740	2.90	6.20	12.20	15.00

Heating (Non Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	7	7				14	7,500	7,500				15,000	7,600	15,000	27,000	450	1,260	2,180	2.20	5.60	9.70	3.49
	7	9				16	8,050	10,350				18,400	7,600	18,400	30,000	450	1,530	2,420	2.20	6.80	10.70	3.52
	7	12				19	8,030	13,770				21,800	7,600	21,800	32,000	450	1,710	2,800	2.20	7.60	12.40	3.74
	7	15				22	7,000	15,000				22,000	7,600	22,000	32,000	450	1,740	2,800	2.20	7.70	12.40	3.71
	9	9				18	10,900	10,900				21,800	7,600	21,800	32,000	450	1,710	2,650	2.20	7.60	11.80	3.74
	9	12				21	9,430	12,570				22,000	7,600	22,000	32,000	450	1,740	2,800	2.20	7.70	12.40	3.71
	9	15				24	8,250	13,750				22,000	7,600	22,000	32,000	450	1,740	2,800	2.20	7.70	12.40	3.71
	12	12				24	11,000	11,000				22,000	7,600	22,000	32,000	450	1,740	2,800	2.20	7.70	12.40	3.71
	12	15				27	9,780	12,220				22,000	7,600	22,000	41,000	450	1,740	3,440	2.20	7.70	15.30	3.71
3	7	7	7			21	7,330	7,330	7,340			22,000	7,600	22,000	32,000	450	1,390	2,400	2.20	6.20	10.60	4.64
	7	7	9			23	6,700	6,700	8,600			22,000	7,600	22,000	37,000	450	1,390	2,920	2.20	6.20	13.00	4.64
	7	7	12			26	5,920	5,920	10,160			22,000	7,600	22,000	42,000	450	1,390	3,440	2.20	6.20	15.30	4.64
	7	9	9			25	6,160	7,920	7,920			22,000	7,600	22,000	42,000	450	1,390	3,440	2.20	6.20	15.30	4.64
	9	9	9			27	7,330	7,330	7,340			22,000	7,600	22,000	42,000	450	1,390	3,440	2.20	6.20	15.30	4.64

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 27.
- At least two indoor units must be connected for operation.
- Also, Refer to the table for combinations that include non-duct and slim duct indoor units.

4. Combination Table

JXG24S4D(AJ024DXS4CG/AA)

Cooling (Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	9	9				18	9,000	9,000				18,000	9,000	18,000	24,000	656	1,350	2,000	3.10	6.00	8.90	13.33
	9	12				21	9,000	12,000				21,000	9,000	21,000	27,000	657	1,560	2,320	3.10	6.90	10.30	13.46
	9	15				24	9,000	15,000				24,000	9,000	24,000	30,000	658	1,870	2,740	3.10	8.30	12.20	12.83
	9	18				27	8,330	16,670				25,000	9,000	25,000	33,000	659	1,880	2,800	3.20	8.30	12.40	13.30
	12	12				24	12,000	12,000				24,000	9,000	24,000	30,000	661	1,770	2,740	3.20	7.90	12.20	13.56
	12	15				27	11,110	13,890				25,000	9,000	25,000	33,000	658	1,880	2,800	3.10	8.30	12.40	13.30
	12	18				30	10,000	15,000				25,000	9,000	25,000	33,000	663	1,880	2,800	3.20	8.30	12.40	13.30
3	9	9	9			27	8,330	8,330	8,340			25,000	9,500	25,000	34,000	600	1,850	2,900	2.90	8.20	12.90	13.50
	9	9	12			30	7,500	7,500	10,000			25,000	9,500	25,000	34,000	600	1,850	2,900	2.90	8.20	12.90	13.51

Heating (Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	9	9				18	10,900	10,900				21,800	7,600	21,800	30,000	450	2,210	3,000	2.20	9.80	13.30	2.89
	9	12				21	9,430	12,570				22,000	7,600	22,000	34,000	450	2,230	3,220	2.20	9.90	14.30	2.89
	9	15				24	9,380	15,620				25,000	7,600	25,000	36,000	451	2,360	3,440	2.20	10.50	15.30	3.10
	9	18				27	8,330	16,670				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
	12	12				24	12,500	12,500				25,000	7,600	25,000	36,000	450	2,360	3,440	2.20	10.50	15.30	3.10
	12	15				27	11,110	13,890				25,000	7,600	25,000	37,000	451	2,360	3,560	2.20	10.50	15.80	3.10
	12	18				30	10,000	15,000				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
3	9	9	9			27	8,330	8,330	8,340			25,000	7,600	25,000	38,000	450	2,220	3,560	2.20	9.80	15.80	3.30
	9	9	12			30	7,500	7,500	10,000			25,000	7,600	25,000	38,000	450	2,220	3,560	2.20	9.80	15.80	3.30

NOTE

1. Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
2. Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
3. Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
4. The total combination Index of connected a indoor unit is up to 30.
5. At least two indoor units must be connected for operation.
6. If AJ0**DNHDCG/AA or AJ0**DNZDCG/AA is included in the combination, the combination criteria noted must be followed.

4. Combination Table

JXG24S4D(AJ024DXS4CG/AA)

Cooling (Non Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER	
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W	
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX		
2	7	7				14	7,000	7,000				14,000	9,000	14,000	21,000	650	1,140	1,500	3.10	5.10	6.70	12.28	
	7	9				16	7,000	9,000				16,000	9,000	16,000	23,000	651	1,250	1,700	3.10	5.50	7.50	12.80	
	7	12				19	7,000	12,000				19,000	9,000	19,000	26,000	652	1,460	2,100	3.10	6.50	9.30	13.01	
	7	15				22	7,000	15,000				22,000	9,000	22,000	30,000	653	1,670	2,630	3.10	7.40	11.70	13.17	
	7	18				25	7,000	18,000				25,000	9,000	25,000	30,000	654	1,800	2,630	3.10	8.00	11.70	13.89	
	9	9				18	9,000	9,000				18,000	9,000	18,000	24,500	656	1,350	1,950	3.10	6.00	8.70	13.33	
	9	12				21	9,000	12,000				21,000	9,000	21,000	28,000	657	1,560	2,400	3.10	6.90	10.60	13.46	
	9	15				24	9,000	15,000				24,000	9,000	24,000	30,000	658	1,770	2,630	3.10	7.90	11.70	13.56	
	9	18				27	8,330	16,670				25,000	9,000	25,000	33,000	659	1,950	2,740	3.20	8.70	12.20	12.82	
	12	12				24	12,000	12,000				24,000	9,000	24,000	30,000	661	1,770	2,630	3.20	7.90	11.70	13.56	
	12	15				27	11,110	13,890				25,000	9,000	25,000	33,000	662	1,950	2,740	3.20	8.70	12.20	12.82	
	12	18				30	10,000	15,000				25,000	9,000	25,000	33,000	663	1,950	3,000	3.20	8.70	13.30	12.82	
	15	15				30	12,500	12,500				25,000	9,000	25,000	33,000	665	1,950	3,000	3.20	8.70	13.30	12.82	
	3	7	7	7			21	7,000	7,000	7,000			21,000	9,500	21,000	30,000	600	1,400	2,200	2.90	6.20	9.80	15.00
		7	7	9			23	7,000	7,000	9,000			23,000	9,500	23,000	32,000	600	1,560	2,540	2.90	6.90	11.30	14.74
7		7	12			26	6,730	6,730	11,540			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53	
7		7	15			29	6,030	6,030	12,940			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53	
7		7	18			32	5,470	5,470	14,060			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53	
7		9	9			25	7,000	9,000	9,000			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.55	
7		9	12			28	6,250	8,040	10,710			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53	
7		9	15			31	5,650	7,250	12,100			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53	
7		12	12			31	5,640	9,680	9,680			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53	
9		9	9			27	8,330	8,330	8,340			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53	
9		9	12			30	7,500	7,500	10,000			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53	
4	7	7	7	7		28	6,250	6,250	6,250	6,250		25,000	9,500	25,000	36,000	599	1,720	3,000	2.90	7.60	13.30	14.55	
	7	7	7	9		30	5,830	5,830	5,830	7,510		25,000	9,500	25,000	39,600	600	1,720	3,400	2.90	7.60	15.10	14.55	
	7	7	9	9		32	5,470	5,470	7,030	7,030		25,000	9,500	25,000	39,600	600	1,720	3,400	2.90	7.60	15.10	14.55	

4. Combination Table

JXG24S4D(AJ024DXS4CG/AA)

Heating (Non Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	7	7				14	7,500	7,500				15,000	7,600	15,000	27,000	450	1,260	2,180	2.20	5.60	9.70	3.49
	7	9				16	8,050	10,350				18,400	7,600	18,400	30,000	450	1,530	2,420	2.20	6.80	10.70	3.52
	7	12				19	8,030	13,770				21,800	7,600	21,800	32,000	450	1,710	2,800	2.20	7.60	12.40	3.74
	7	15				22	7,950	17,050				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	7	18				25	7,000	18,000				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	9	9				18	10,900	10,900				21,800	7,600	21,800	32,000	450	1,710	2,650	2.20	7.60	11.80	3.74
	9	12				21	10,670	14,230				24,900	7,600	24,900	32,000	450	1,860	2,800	2.20	8.30	12.40	3.92
	9	15				24	9,380	15,620				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	9	18				27	8,330	16,670				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	12	12				24	12,500	12,500				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	12	15				27	11,110	13,890				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	12	18				30	10,000	15,000				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	15	15				30	12,500	12,500				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
3	7	7	7			21	7,330	7,330	7,340			22,000	7,600	22,000	32,000	450	1,390	2,400	2.20	6.20	10.60	4.64
	7	7	9			23	7,610	7,610	9,780			25,000	7,600	25,000	37,000	450	1,560	2,920	2.20	6.90	13.00	4.70
	7	7	12			26	6,730	6,730	11,540			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	7	15			29	6,030	6,030	12,940			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	7	18			32	5,470	5,470	14,060			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	9	9			25	7,000	9,000	9,000			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	9	12			28	6,250	8,040	10,710			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	9	15			31	5,650	7,250	12,100			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	12	12			31	5,640	9,680	9,680			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	9	9	9			27	8,330	8,330	8,340			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	9	9	12			30	7,500	7,500	10,000			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	7	7	7		28	6,250	6,250	6,250	6,250		25,000	7,600	25,000	47,000	450	1,560	3,570	2.20	6.90	15.80	4.70
4	7	7	7	9		30	5,830	5,830	5,830	7,510		25,000	7,600	25,000	50,800	450	1,560	4,090	2.20	6.90	18.10	4.70
	7	7	9	9		32	5,470	5,470	7,030	7,030		25,000	7,600	25,000	54,500	450	1,560	4,600	2.20	6.90	20.40	4.70

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 32.
- At least two indoor units must be connected for operation.
- Also, Refer to the table for combinations that include non-duct and slim duct indoor units.

4. Combination Table

JXG30S4D(AJ030DXS4CG/AA)

Cooling (Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	9	9				18	9,000	9,000				18,000	9,000	18,000	24,000	656	1,350	2,000	3.10	6.00	8.90	13.33
	9	12				21	9,000	12,000				21,000	9,000	21,000	27,000	657	1,560	2,320	3.10	6.90	10.30	13.46
	9	15				24	9,000	15,000				24,000	9,000	24,000	30,000	658	1,870	2,740	3.10	8.30	12.20	12.83
	9	18				27	8,330	16,670				25,000	9,000	25,000	33,000	659	1,880	2,800	3.20	8.30	12.40	13.30
	9	24				33	7,280	19,420				26,700	9,000	26,700	36,000	658	2,100	3,140	3.10	9.30	13.90	12.71
	12	12				24	12,000	12,000				24,000	9,000	24,000	30,000	661	1,770	2,740	3.20	7.90	12.20	13.56
	12	15				27	11,110	13,890				25,000	9,000	25,000	33,000	658	1,880	2,800	3.10	8.30	12.40	13.30
	12	18				30	10,000	15,000				25,000	9,000	25,000	33,000	663	1,880	2,800	3.20	8.30	12.40	13.30
	12	24				36	9,470	18,930				28,400	9,000	28,400	38,500	658	2,300	3,470	3.10	10.20	15.40	12.35
	15	15				30	12,500	12,500				25,000	9,000	25,000	33,000	663	1,880	2,800	3.20	8.30	12.40	13.30
	15	18				33	12,140	14,560				26,700	9,000	26,700	36,000	658	2,100	3,140	3.10	9.30	13.90	12.71
	18	18				36	14,200	14,200				28,400	9,000	28,400	38,500	668	2,300	3,470	3.20	10.20	15.40	12.35
3	9	9	9			27	9,000	9,000	9,000			27,000	9,500	27,000	34,000	600	2,000	2,900	2.90	8.90	12.90	13.50
	9	9	12			30	8,520	8,520	11,360			28,400	9,500	28,400	34,000	600	2,300	2,900	2.90	10.20	12.90	12.35
	9	9	15			33	7,750	7,750	12,900			28,400	9,500	28,400	37,000	600	2,300	3,240	2.90	10.20	14.40	12.35
	9	9	18			36	7,100	7,100	14,200			28,400	9,500	28,400	39,600	600	2,220	3,570	2.90	9.80	15.80	12.79
	9	12	12			33	7,740	10,330	10,330			28,400	9,500	28,400	37,000	600	2,300	3,240	2.90	10.20	14.40	12.35
	9	12	15			36	7,100	9,470	11,830			28,400	9,500	28,400	39,600	600	2,220	3,570	2.90	9.80	15.80	12.79
	9	12	18			39	6,550	8,740	13,110			28,400	9,500	28,400	39,600	600	2,220	3,570	2.90	9.80	15.80	12.79
	12	12	12			36	9,470	9,470	9,460			28,400	9,500	28,400	39,600	600	2,220	3,570	2.90	9.80	15.80	12.79
4	9	9	9	9		36	7,100	7,100	7,100	7,100		28,400	9,500	28,400	39,600	600	2,180	3,570	2.90	9.70	15.80	13.00
	9	9	9	12		39	6,550	6,550	6,550	8,750		28,400	9,500	28,400	39,600	600	2,180	3,570	2.90	9.70	15.80	13.03

4. Combination Table

JXG30S4D(AJ030DXS4CG/AA)

Heating (Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	9	9				18	10,900	10,900				21,800	7,600	21,800	30,000	450	2,210	3,000	2.20	9.80	13.30	2.89
	9	12				21	9,430	12,570				22,000	7,600	22,000	34,000	450	2,230	3,220	2.20	9.90	14.30	2.89
	9	15				24	9,380	15,620				25,000	7,600	25,000	36,000	451	2,360	3,440	2.20	10.50	15.30	3.10
	9	18				27	8,330	16,670				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
	9	24				33	7,310	19,490				26,800	7,600	26,800	40,000	450	2,460	4,500	2.20	10.90	20.00	3.19
	12	12				24	12,500	12,500				25,000	7,600	25,000	36,000	450	2,360	3,440	2.20	10.50	15.30	3.10
	12	15				27	11,110	13,890				25,000	7,600	25,000	37,000	451	2,360	3,560	2.20	10.50	15.80	3.10
	12	18				30	10,000	15,000				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
	12	24				36	9,530	19,070				28,600	7,600	28,600	42,000	451	2,550	4,800	2.20	11.30	21.30	3.29
	15	15				30	12,500	12,500				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
	15	18				33	12,180	14,620				26,800	7,600	26,800	40,000	450	2,460	4,500	2.20	10.90	20.00	3.19
	18	18				36	14,300	14,300				28,600	7,600	28,600	42,000	450	2,550	4,800	2.20	11.30	21.30	3.29
3	9	9	9			27	9,530	9,530	9,540			28,600	7,600	28,600	45,000	450	2,500	4,900	2.20	11.10	21.70	3.35
	9	9	12			30	8,580	8,580	11,440			28,600	7,600	28,600	45,000	450	2,500	4,900	2.20	11.10	21.70	3.35
	9	9	15			33	7,800	7,800	13,000			28,600	7,600	28,600	50,500	450	2,450	4,900	2.20	10.90	21.70	3.42
	9	9	18			36	7,150	7,150	14,300			28,600	7,600	28,600	53,500	450	2,370	4,900	2.20	10.50	21.70	3.54
	9	12	12			33	7,800	10,400	10,400			28,600	7,600	28,600	50,500	450	2,450	4,900	2.20	10.90	21.70	3.42
	9	12	15			36	7,150	9,530	11,920			28,600	7,600	28,600	53,500	450	2,370	4,900	2.20	10.50	21.70	3.54
	9	12	18			39	6,600	8,800	13,200			28,600	7,600	28,600	53,500	450	2,270	4,900	2.20	10.10	21.70	3.69
	12	12	12			36	9,530	9,530	9,540			28,600	7,600	28,600	53,500	450	2,270	4,900	2.20	10.10	21.70	3.69
4	9	9	9	9		36	7,150	7,150	7,150	7,150		28,600	7,600	28,600	53,500	450	2,270	4,900	2.20	10.10	21.70	3.70
	9	9	9	12		39	6,600	6,600	6,600	8,800		28,600	7,600	28,600	53,500	450	2,270	4,900	2.20	10.10	21.70	3.69

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 39.
- At least two indoor units must be connected for operation.
- If AJ0**DNHDCG/AA or AJ0**DNZDCG/AA is included in the combination, the combination criteria noted must be followed.

4. Combination Table

JXG30S4D(AJ030DXS4CG/AA)

Cooling (Non Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	7	7				14	7,000	7,000				14,000	9,000	14,000	21,000	650	1,140	1,500	3.10	5.10	6.70	12.28
	7	9				16	7,000	9,000				16,000	9,000	16,000	23,000	651	1,250	1,700	3.10	5.50	7.50	12.80
	7	12				19	7,000	12,000				19,000	9,000	19,000	26,000	652	1,460	2,100	3.10	6.50	9.30	13.01
	7	15				22	7,000	15,000				22,000	9,000	22,000	30,000	653	1,670	2,630	3.10	7.40	11.70	13.17
	7	18				25	7,000	18,000				25,000	9,000	25,000	30,000	654	1,800	2,630	3.10	8.00	11.70	13.89
	7	24				31	6,410	21,990				28,400	9,000	28,400	33,000	655	2,360	3,100	3.10	10.50	13.80	12.03
	9	9				18	9,000	9,000				18,000	9,000	18,000	24,500	656	1,350	1,950	3.10	6.00	8.70	13.33
	9	12				21	9,000	12,000				21,000	9,000	21,000	28,000	657	1,560	2,400	3.10	6.90	10.60	13.46
	9	15				24	9,000	15,000				24,000	9,000	24,000	30,000	658	1,770	2,630	3.10	7.90	11.70	13.56
	9	18				27	8,330	16,670				25,000	9,000	25,000	33,000	659	1,950	2,740	3.20	8.70	12.20	12.82
	9	24				33	7,750	20,650				28,400	9,000	28,400	33,000	660	2,360	3,100	3.20	10.50	13.80	12.03
	12	12				24	12,000	12,000				24,000	9,000	24,000	30,000	661	1,770	2,630	3.20	7.90	11.70	13.56
	12	15				27	11,110	13,890				25,000	9,000	25,000	33,000	662	1,950	2,740	3.20	8.70	12.20	12.82
	12	18				30	10,000	15,000				25,000	9,000	25,000	33,000	663	1,950	3,000	3.20	8.70	13.30	12.82
	12	24				36	9,470	18,930				28,400	9,000	28,400	34,000	664	2,420	3,200	3.20	10.70	14.20	11.74
	15	15				30	12,500	12,500				25,000	9,000	25,000	33,000	665	1,950	3,000	3.20	8.70	13.30	12.82
	15	18				33	12,910	15,490				28,400	9,000	28,400	33,000	666	2,360	3,100	3.20	10.50	13.80	12.03
	15	24				39	10,920	17,480				28,400	9,000	28,400	34,000	667	2,420	3,200	3.20	10.70	14.20	11.74
18	18				36	14,200	14,200				28,400	9,000	28,400	34,000	667	2,420	3,200	3.20	10.70	14.20	11.74	
3	7	7	7			21	7,000	7,000	7,000			21,000	9,500	21,000	30,000	600	1,400	2,200	2.90	6.20	9.80	15.00
	7	7	9			23	7,000	7,000	9,000			23,000	9,500	23,000	32,000	600	1,560	2,540	2.90	6.90	11.30	14.74
	7	7	12			26	7,000	7,000	12,000			26,000	9,500	26,000	34,000	600	1,850	2,740	2.90	8.20	12.20	14.05
	7	7	15			29	6,860	6,860	14,680			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	7	18			32	6,210	6,210	15,980			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	7	24			38	5,230	5,230	17,940			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	7	9	9			25	7,000	9,000	9,000			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.55
	7	9	12			28	7,000	9,000	12,000			28,000	9,500	28,000	34,000	600	2,240	2,740	2.90	9.90	12.20	12.50
	7	9	15			31	6,410	8,250	13,740			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	9	18			34	5,850	7,520	15,030			28,400	9,500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	7	9	24			40	4,970	6,390	17,040			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	7	12	12			31	6,420	10,990	10,990			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	12	15			34	5,850	10,020	12,530			28,400	9,500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	7	12	18			37	5,370	9,210	13,820			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	7	15	15			37	5,380	11,510	11,510			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	7	15	18			40	4,970	10,650	12,780			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	9	9	9			27	9,000	9,000	9,000			27,000	9,500	27,000	34,000	600	1,960	2,740	2.90	8.70	12.20	13.78
	9	9	12			30	8,520	8,520	11,360			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	9	9	15			33	7,750	7,750	12,900			28,400	9,500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	9	9	18			36	7,100	7,100	14,200			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	9	12	12			33	7,740	10,330	10,330			28,400	9,500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	9	12	15			36	7,100	9,470	11,830			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	9	12	18			39	6,550	8,740	13,110			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	9	15	15			39	6,560	10,920	10,920			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	12	12	12			36	9,470	9,470	9,460			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	12	12	15			39	8,740	8,740	10,920			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09

4. Combination Table

JXG30S4D(AJ030DXS4CG/AA)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
4	7	7	7	7		28	7,000	7,000	7,000	7,000		28,000	9,500	28,000	36,000	599	2,330	3,000	2.90	10.30	13.30	12.02
	7	7	7	9		30	6,630	6,630	6,630	8,510		28,400	9,500	28,400	39,600	600	2,270	3,400	2.90	10.10	15.10	12.51
	7	7	7	12		33	6,020	6,020	6,020	10,340		28,400	9,500	28,400	39,600	600	2,100	3,400	2.90	9.30	15.10	13.52
	7	7	7	15		36	5,520	5,520	5,520	11,840		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	7	7	18		39	5,100	5,100	5,100	13,100		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	7	9	9		32	6,210	6,210	7,990	7,990		28,400	9,500	28,400	39,600	600	2,100	3,400	2.90	9.30	15.10	13.50
	7	7	9	12		35	5,680	5,680	7,300	9,740		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	7	9	15		38	5,230	5,230	6,730	11,210		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	7	12	12		38	5,230	5,230	8,970	8,970		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	9	9	9		34	5,840	7,520	7,520	7,520		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	9	9	12		37	5,370	6,910	6,910	9,210		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	9	9	15		40	4,970	6,390	6,390	10,650		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	9	12	12		40	4,970	6,390	8,520	8,520		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	9	9	9	9		36	7,100	7,100	7,100	7,100		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.50
	9	9	9	12		39	6,550	6,550	6,550	8,750		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.50

4. Combination Table

JXG30S4D(AJ030DXS4CG/AA)

Heating (Non Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	7	7				14	7,500	7,500				15,000	7,600	15,000	27,000	450	1,260	2,180	2.20	5.60	9.70	3.49
	7	9				16	8,050	10,350				18,400	7,600	18,400	30,000	450	1,530	2,420	2.20	6.80	10.70	3.52
	7	12				19	8,030	13,770				21,800	7,600	21,800	32,000	450	1,710	2,800	2.20	7.60	12.40	3.74
	7	15				22	7,950	17,050				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	7	18				25	7,000	18,000				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	7	24				31	6,460	22,140				28,600	7,600	28,600	41,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	9	9				18	10,900	10,900				21,800	7,600	21,800	32,000	450	1,710	2,650	2.20	7.60	11.80	3.74
	9	12				21	10,670	14,230				24,900	7,600	24,900	32,000	450	1,860	2,800	2.20	8.30	12.40	3.92
	9	15				24	9,380	15,620				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	9	18				27	8,330	16,670				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	9	24				33	7,800	20,800				28,600	7,600	28,600	41,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	12	12				24	12,500	12,500				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	12	15				27	11,110	13,890				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	12	18				30	10,000	15,000				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	12	24				36	9,530	19,070				28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	15	15				30	12,500	12,500				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	15	18				33	13,000	15,600				28,600	7,600	28,600	41,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	15	24				39	11,000	17,600				28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	18	18				36	14,300	14,300				28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
3	7	7	7			21	7,330	7,330	7,340			22,000	7,600	22,000	32,000	450	1,390	2,400	2.20	6.20	10.60	4.64
	7	7	9			23	7,610	7,610	9,780			25,000	7,600	25,000	37,000	450	1,560	2,920	2.20	6.90	13.00	4.70
	7	7	12			26	7,270	7,270	12,460			27,000	7,600	27,000	42,000	450	1,800	3,440	2.20	8.00	15.30	4.40
	7	7	15			29	6,900	6,900	14,800			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	7	18			32	6,260	6,260	16,080			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	7	24			38	5,270	5,270	18,060			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	7	9	9			25	7,000	9,000	9,000			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	9	12			28	7,150	9,190	12,260			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	9	15			31	6,460	8,300	13,840			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	9	18			34	5,890	7,570	15,140			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	7	9	24			40	5,010	6,440	17,150			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	7	12	12			31	6,460	11,070	11,070			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	12	15			34	5,890	10,090	12,620			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	7	12	18			37	5,410	9,280	13,910			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	7	15	15			37	5,420	11,590	11,590			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	7	15	18			40	5,010	10,730	12,860			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	9	9	9			27	9,330	9,330	9,340			28,000	7,600	28,000	42,000	450	2,000	3,440	2.20	8.90	15.30	4.10
	9	9	12			30	8,580	8,580	11,440			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	9	9	15			33	7,800	7,800	13,000			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	9	9	18			36	7,150	7,150	14,300			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	9	12	12			33	7,800	10,400	10,400			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	9	12	15			36	7,150	9,530	11,920			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	9	12	18			39	6,600	8,800	13,200			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	9	15	15			39	6,600	11,000	11,000			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	12	12	12			36	9,530	9,530	9,540			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	12	12	15			39	8,800	8,800	11,000			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76

4. Combination Table

JXG30S4D(AJ030DXS4CG/AA)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
4	7	7	7	7		28	7,150	7,150	7,150	7,150		28,600	7,600	28,600	47,000	450	2,100	3,570	2.20	9.30	15.80	3.99
	7	7	7	9		30	6,670	6,670	6,670	8,590		28,600	7,600	28,600	50,800	450	2,100	4,090	2.20	9.30	18.10	3.99
	7	7	7	12		33	6,070	6,070	6,070	10,390		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	7	7	15		36	5,560	5,560	5,560	11,920		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	7	7	18		39	5,130	5,130	5,130	13,210		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	7	9	9		32	6,260	6,260	8,040	8,040		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	4.00
	7	7	9	12		35	5,720	5,720	7,350	9,810		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	7	9	15		38	5,270	5,270	6,770	11,290		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	7	12	12		38	5,270	5,270	9,030	9,030		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	9	9	9		34	5,890	7,570	7,570	7,570		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	9	9	12		37	5,410	6,960	6,960	9,270		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	9	9	15		40	5,010	6,440	6,440	10,710		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	9	12	12		40	5,000	6,440	8,580	8,580		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	9	9	9	9		36	7,150	7,150	7,150	7,150		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	4.00
	9	9	9	12		39	6,600	6,600	6,600	8,800		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	4.00

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 40.
- At least two indoor units must be connected for operation.
- Also, Refer to the table for combinations that include non-duct and slim duct indoor units.

4. Combination Table

JXG36S4D(AJ036DXS4CG/AA)

Cooling (Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	9	9				18	9,000	9,000				18,000	9,000	18,000	24,000	656	1,350	2,000	3.10	6.00	8.90	13.33
	9	12				21	9,000	12,000				21,000	9,000	21,000	27,000	657	1,560	2,320	3.10	6.90	10.30	13.46
	9	15				24	9,000	15,000				24,000	9,000	24,000	30,000	658	1,870	2,740	3.10	8.30	12.20	12.83
	9	18				27	8,330	16,670				25,000	9,000	25,000	33,000	659	1,880	2,800	3.20	8.30	12.40	13.30
	9	24				33	7,280	19,420				26,700	9,000	26,700	36,000	658	2,100	3,140	3.10	9.30	13.90	12.71
	12	12				24	12,000	12,000				24,000	9,000	24,000	30,000	661	1,770	2,740	3.20	7.90	12.20	13.56
	12	15				27	11,110	13,890				25,000	9,000	25,000	33,000	658	1,880	2,800	3.10	8.30	12.40	13.30
	12	18				30	10,000	15,000				25,000	9,000	25,000	33,000	663	1,880	2,800	3.20	8.30	12.40	13.30
	12	24				36	9,470	18,930				28,400	9,000	28,400	38,500	658	2,300	3,470	3.10	10.20	15.40	12.35
	15	15				30	12,500	12,500				25,000	9,000	25,000	33,000	663	1,880	2,800	3.20	8.30	12.40	13.30
	15	18				33	12,140	14,560				26,700	9,000	26,700	36,000	658	2,100	3,140	3.10	9.30	13.90	12.71
	18	18				36	14,200	14,200				28,400	9,000	28,400	38,500	668	2,300	3,470	3.20	10.20	15.40	12.35
3	9	9	9			27	9,000	9,000	9,000			27,000	9,500	27,000	34,000	600	2,300	2,900	2.90	10.20	12.90	11.74
	9	9	12			30	9,000	9,000	12,000			30,000	9,500	30,000	34,000	600	2,560	2,900	2.90	11.40	12.90	11.72
	9	9	15			33	9,000	9,000	15,000			33,000	9,500	33,000	37,000	600	2,820	3,240	2.90	12.50	14.40	11.70
	9	9	18			36	8,500	8,500	17,000			34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	9	12	12			33	9,000	12,000	12,000			33,000	9,500	33,000	37,000	600	2,820	3,240	2.90	12.50	14.40	11.70
	9	12	15			36	8,500	11,330	14,170			34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	9	12	18			39	7,850	10,460	15,690			34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	9	18	18			45	6,800	13,600	13,600			34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	12	12	12			36	11,330	11,330	11,340			34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	12	12	18			42	9,710	9,710	14,580			34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	12	18	18			48	8,500	12,750	12,750			34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	4	9	9	9	9		36	8,500	8,500	8,500	8,500		34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80
9		9	9	12		39	7,850	7,850	7,850	10,450		34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
9		9	9	18		45	6,800	6,800	6,800	13,600		34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
9		9	12	12		42	7,290	7,290	9,710	9,710		34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
9		9	12	18		48	6,380	6,380	8,500	12,740		34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
9		12	12	12		45	6,790	9,070	9,070	9,070		34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
12		12	12	12		48	8,500	8,500	8,500	8,500		34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70

4. Combination Table

JXG36S4D(AJ036DXS4CG/AA)

Heating (Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	9	9				18	10,900	10,900				21,800	7,600	21,800	30,000	450	2,210	3,000	2.20	9.80	13.30	2.89
	9	12				21	9,430	12,570				22,000	7,600	22,000	34,000	450	2,230	3,220	2.20	9.90	14.30	2.89
	9	15				24	9,380	15,620				25,000	7,600	25,000	36,000	451	2,360	3,440	2.20	10.50	15.30	3.10
	9	18				27	8,330	16,670				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
	9	24				33	7,310	19,490				26,800	7,600	26,800	40,000	450	2,460	4,500	2.20	10.90	20.00	3.19
	12	12				24	12,500	12,500				25,000	7,600	25,000	36,000	450	2,360	3,440	2.20	10.50	15.30	3.10
	12	15				27	11,110	13,890				25,000	7,600	25,000	37,000	451	2,360	3,560	2.20	10.50	15.80	3.10
	12	18				30	10,000	15,000				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
	12	24				36	9,530	19,070				28,600	7,600	28,600	42,000	451	2,550	4,800	2.20	11.30	21.30	3.29
	15	15				30	12,500	12,500				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
	15	18				33	12,180	14,620				26,800	7,600	26,800	40,000	450	2,460	4,500	2.20	10.90	20.00	3.19
	18	18				36	14,300	14,300				28,600	7,600	28,600	42,000	450	2,550	4,800	2.20	11.30	21.30	3.29
3	9	9	9			27	10,900	10,900	10,900			32,700	7,600	32,700	45,000	450	2,790	4,900	2.20	12.40	21.70	3.44
	9	9	12			30	10,380	10,380	13,840			34,600	7,600	34,600	45,000	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	9	15			33	9,440	9,440	15,720			34,600	7,600	34,600	50,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	9	18			36	8,650	8,650	17,300			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	12	12			33	9,440	12,580	12,580			34,600	7,600	34,600	50,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	12	15			36	8,650	11,530	14,420			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	12	18			39	7,980	10,650	15,970			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	18	18			45	6,920	13,840	13,840			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	12	12	12			36	11,530	11,530	11,540			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	12	12	18			42	9,890	9,890	14,820			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	12	18	18			48	8,640	12,980	12,980			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	9	9	9		36	8,650	8,650	8,650	8,650		34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
4	9	9	9	12		39	7,980	7,980	7,980	10,660		34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	9	9	18		45	6,920	6,920	6,920	13,840		34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	9	12	12		42	7,410	7,410	9,890	9,890		34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	9	12	18		48	6,490	6,490	8,650	12,970		34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	12	12	12		45	6,910	9,230	9,230	9,230		34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	12	12	12	12		48	8,650	8,650	8,650	8,650		34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 48.
- At least two indoor units must be connected for operation.
- If AJ0**DNHDCG/AA or AJ0**DNZDCG/AA is included in the combination, the combination criteria noted must be followed.

4. Combination Table

JXG36S4D(AJ036DXS4CG/AA)

Cooling (Non Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	7	7				14	7000	7000				14,000	9000	14,000	21,000	650	1,140	1,500	3.10	5.10	6.70	12.28
	7	9				16	7000	9000				16,000	9000	16,000	23,000	651	1,250	1,700	3.10	5.50	7.50	12.80
	7	12				19	7000	12,000				19,000	9000	19,000	26,000	652	1,460	2,100	3.10	6.50	9.30	13.01
	7	15				22	7000	15,000				22,000	9000	22,000	30,000	653	1,670	2,630	3.10	7.40	11.70	13.17
	7	18				25	7000	18,000				25,000	9000	25,000	30,000	654	1,800	2,630	3.10	8.00	11.70	13.89
	7	24				31	6,410	21,990				28,400	9000	28,400	33,000	655	2,360	3,100	3.10	10.50	13.80	12.03
	9	9				18	9000	9000				18,000	9000	18,000	24,500	656	1,350	1,950	3.10	6.00	8.70	13.33
	9	12				21	9000	12,000				21,000	9000	21,000	28,000	657	1,560	2,400	3.10	6.90	10.60	13.46
	9	15				24	9000	15,000				24,000	9000	24,000	30,000	658	1,770	2,630	3.10	7.90	11.70	13.56
	9	18				27	8,330	16,670				25,000	9000	25,000	33,000	659	1,950	2,740	3.20	8.70	12.20	12.82
	9	24				33	7,750	20,650				28,400	9000	28,400	33,000	660	2,360	3,100	3.20	10.50	13.80	12.03
	12	12				24	12,000	12,000				24,000	9000	24,000	30,000	661	1,770	2,630	3.20	7.90	11.70	13.56
	12	15				27	11,110	13,890				25,000	9000	25,000	33,000	662	1,950	2,740	3.20	8.70	12.20	12.82
	12	18				30	10,000	15,000				25,000	9000	25,000	33,000	663	1,950	3,000	3.20	8.70	13.30	12.82
	12	24				36	9,470	18,930				28,400	9000	28,400	34,000	664	2,420	3,200	3.20	10.70	14.20	11.74
	15	15				30	12,500	12,500				25,000	9000	25,000	33,000	665	1,950	3,000	3.20	8.70	13.30	12.82
	15	18				33	12,910	15,490				28,400	9000	28,400	33,000	666	2,360	3,100	3.20	10.50	13.80	12.03
	15	24				39	10,920	17,480				28,400	9000	28,400	34,000	667	2,420	3,200	3.20	10.70	14.20	11.74
	18	18				36	14,200	14,200				28,400	9000	28,400	34,000	667	2,420	3,200	3.20	10.70	14.20	11.74
	18	24				42	14,570	19,430				34,000	9000	34,000	40,000	667	2,900	3,500	3.20	12.90	15.50	11.72
	24	24				48	17,000	17,000				34,000	9000	34,000	40,000	667	2,900	3,500	3.20	12.90	15.50	11.72
3	7	7	7			21	7000	7000	7000			21,000	9500	21,000	30,000	600	1,400	2,200	2.90	6.20	9.80	15.00
	7	7	9			23	7000	7000	9000			23,000	9500	23,000	32,000	600	1,560	2,540	2.90	6.90	11.30	14.74
	7	7	12			26	7000	7000	12,000			26,000	9500	26,000	34,000	600	1,850	2,740	2.90	8.20	12.20	14.05
	7	7	15			29	6,860	6,860	14,680			28,400	9500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	7	18			32	6,210	6,210	15,980			28,400	9500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	7	24			38	5,230	5,230	17,940			28,400	9500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	7	9	9			25	7000	9000	9000			25,000	9500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.55
	7	9	12			28	7000	9000	12,000			28,000	9500	28,000	34,000	600	2,240	2,740	2.90	9.90	12.20	12.50
	7	9	15			31	6,410	8,250	13,740			28,400	9500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	9	18			34	5,850	7,520	15,030			28,400	9500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	7	9	24			40	4,970	6,390	17,040			28,400	9500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	7	12	12			31	6,420	10,990	10,990			28,400	9500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	12	15			34	5,850	10,020	12,530			28,400	9500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	7	12	18			37	5,370	9,210	13,820			28,400	9500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	7	12	24			43	5,530	9,490	18,980			34,000	9500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	7	15	15			37	5,380	11,510	11,510			28,400	9500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	7	15	18			40	4,970	10,650	12,780			28,400	9500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	7	15	24			46	5,170	11,090	17,740			34,000	9500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	7	18	18			43	5,540	14,230	14,230			34,000	9500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10

4. Combination Table

JXG36S4D(AJ036DXS4CG/AA)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
3	9	9	9			27	9,000	9,000	9,000			27,000	9,500	27,000	34,000	600	1,960	2,740	2.90	8.70	12.20	13.78
	9	9	12			30	8,520	8,520	11,360			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	9	9	15			33	7,750	7,750	12,900			28,400	9,500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	9	9	18			36	7,100	7,100	14,200			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	9	9	24			42	7,290	7,290	19,420			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	9	12	12			33	7,740	10,330	10,330			28,400	9,500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	9	12	15			36	7,100	9,470	11,830			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	9	12	18			39	6,550	8,740	13,110			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	9	12	24			45	6,800	9,070	18,130			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	9	15	15			39	6,560	10,920	10,920			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	9	15	18			42	7,290	12,140	14,570			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	9	15	24			48	6,380	10,620	17,000			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	9	18	18			45	6,800	13,600	13,600			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	12	12	12			36	9,470	9,470	9,460			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	12	12	15			39	8,740	8,740	10,920			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	12	12	18			42	9,710	9,710	14,580			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	12	12	24			48	8,500	8,500	17,000			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	12	15	15			42	9,720	12,140	12,140			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	12	15	18			45	9,070	11,330	13,600			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	12	18	18			48	8,500	12,750	12,750			34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	15	15	15			45	11,330	11,330	11,340			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	15	15	18			48	10,630	10,630	12,740			34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
4	7	7	7	7		28	7,000	7,000	7,000	7,000		28,000	9,500	28,000	36,000	599	2,330	3,000	2.90	10.30	13.30	12.02
	7	7	7	9		30	6,630	6,630	6,630	8,510		28,400	9,500	28,400	39,600	600	2,270	3,400	2.90	10.10	15.10	12.51
	7	7	7	12		33	6,020	6,020	6,020	10,340		28,400	9,500	28,400	39,600	600	2,100	3,400	2.90	9.30	15.10	13.52
	7	7	7	15		36	6,610	6,610	6,610	14,170		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	7	18		39	6,100	6,100	6,100	15,700		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	7	24		45	5,290	5,290	5,290	18,130		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	9	9		32	6,210	6,210	7,990	7,990		28,400	9,500	28,400	39,600	600	2,100	3,400	2.90	9.30	15.10	13.50
	7	7	9	12		35	6,800	6,800	8,740	11,660		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	9	15		38	6,260	6,260	8,060	13,420		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	9	18		41	5,800	5,800	7,470	14,930		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	9	24		47	5,060	5,060	6,520	17,360		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	12	12		38	6,260	6,260	10,740	10,740		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	12	15		41	5,800	5,800	9,960	12,440		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	12	18		44	5,410	5,410	9,270	13,910		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	15	15		44	5,410	5,410	11,590	11,590		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	15	18		47	5,060	5,060	10,860	13,020		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	9	9		34	7,000	9,000	9,000	9,000		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	9	12		37	6,430	8,270	8,270	11,030		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	9	15		40	5,950	7,650	7,650	12,750		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	9	18		43	5,530	7,120	7,120	14,230		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	12	12		40	5,950	7,650	10,200	10,200		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	12	15		43	5,530	7,120	9,490	11,860		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	12	18		46	5,170	6,650	8,880	13,300		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	15	15		46	5,170	6,650	11,090	11,090		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	12	12	12		43	5,530	9,490	9,490	9,490		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	12	12	15		46	5,170	8,870	8,870	11,090		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50

4. Combination Table

JXG36S4D(AJ036DXS4CG/AA)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
4	9	9	9	9		36	8,500	8,500	8,500	8,500		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	9	9	12		39	7,850	7,850	7,850	10,450		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	9	9	15		42	7,290	7,290	7,290	12,130		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	9	9	18		45	6,800	6,800	6,800	13,600		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	9	12	12		42	7,290	7,290	9,710	9,710		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	9	12	15		45	6,800	6,800	9,070	11,330		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	9	12	18		48	6,380	6,380	8,500	12,740		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	9	15	15		48	6,380	6,380	10,620	10,620		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	12	12	12		45	6,790	9,070	9,070	9,070		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	12	12	15		48	6,380	8,500	8,500	10,620		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	12	12	12	12		48	8,500	8,500	8,500	8,500		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50

4. Combination Table

JXG36S4D(AJ036DXS4CG/AA)

Heating (Non Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP	
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W	
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated	
2	7	7				14	7,500	7,500				15,000	7,600	15,000	27,000	450	1,260	2,180	2.20	5.60	9.70	3.49	
	7	9				16	8,050	10,350				18,400	7,600	18,400	30,000	450	1,530	2,420	2.20	6.80	10.70	3.52	
	7	12				19	8,030	13,770				21,800	7,600	21,800	32,000	450	1,710	2,800	2.20	7.60	12.40	3.74	
	7	15				22	7,950	17,050				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90	
	7	18				25	7,000	18,000				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90	
	7	24				31	6,460	22,140				28,600	7,600	28,600	41,000	450	2,260	3,440	2.20	10.00	15.30	3.71	
	9	9				18	10,900	10,900				21,800	7,600	21,800	32,000	450	1,710	2,650	2.20	7.60	11.80	3.74	
	9	12				21	10,670	14,230				24,900	7,600	24,900	32,000	450	1,860	2,800	2.20	8.30	12.40	3.92	
	9	15				24	9,380	15,620				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90	
	9	18				27	8,330	16,670				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90	
	9	24				33	7,800	20,800				28,600	7,600	28,600	41,000	450	2,260	3,440	2.20	10.00	15.30	3.71	
	12	12				24	12,500	12,500				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90	
	12	15				27	11,110	13,890				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90	
	12	18				30	10,000	15,000				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90	
	12	24				36	9,530	19,070				28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71	
	15	15				30	12,500	12,500				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90	
	15	18				33	13,000	15,600				28,600	7,600	28,600	41,000	450	2,260	3,440	2.20	10.00	15.30	3.71	
	15	24				39	11,000	17,600				28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71	
	18	18				36	14,300	14,300				28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71	
	18	24				42	15,690	20,910				36,600	7,600	36,600	48,000	450	2,900	4,600	2.20	12.90	20.40	3.70	
	24	24				48	18,300	18,300				36,600	7,600	36,600	48,000	450	2,900	4,600	2.20	12.90	20.40	3.70	
	3	7	7	7			21	7,330	7,330	7,340			22,000	7,600	22,000	32,000	450	1,390	2,400	2.20	6.20	10.60	4.64
		7	7	9			23	7,610	7,610	9,780			25,000	7,600	25,000	37,000	450	1,560	2,920	2.20	6.90	13.00	4.70
		7	7	12			26	7,270	7,270	12,460			27,000	7,600	27,000	42,000	450	1,800	3,440	2.20	8.00	15.30	4.40
7		7	15			29	6,900	6,900	14,800			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81	
7		7	18			32	6,260	6,260	16,080			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81	
7		7	24			38	5,270	5,270	18,060			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60	
7		9	9			25	7,000	9,000	9,000			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70	
7		9	12			28	7,150	9,190	12,260			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81	
7		9	15			31	6,460	8,300	13,840			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81	
7		9	18			34	5,890	7,570	15,140			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71	
7		9	24			40	5,010	6,440	17,150			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76	
7		12	12			31	6,460	11,070	11,070			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81	
7		12	15			34	5,890	10,090	12,620			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71	
7		12	18			37	5,410	9,280	13,910			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60	
7		12	24			43	5,960	10,210	20,430			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97	
7		15	15			37	5,420	11,590	11,590			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60	
7		15	18			40	5,010	10,730	12,860			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76	
7		15	24			46	5,570	11,930	19,100			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97	
7		18	18			43	5,960	15,320	15,320			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97	

4. Combination Table

JXG36S4D(AJ036DXS4CG/AA)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
3	9	9	9			27	9,330	9,330	9,340			28,000	7,600	28,000	42,000	450	2,000	3,440	2.20	8.90	15.30	4.10
	9	9	12			30	8,580	8,580	11,440			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	9	9	15			33	7,800	7,800	13,000			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	9	9	18			36	7,150	7,150	14,300			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	9	9	24			42	7,840	7,840	20,920			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	9	12	12			33	7,800	10,400	10,400			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	9	12	15			36	7,150	9,530	11,920			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	9	12	18			39	6,600	8,800	13,200			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	9	12	24			45	7,320	9,760	19,520			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	9	15	15			39	6,600	11,000	11,000			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	9	15	18			42	7,840	13,070	15,690			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	9	15	24			48	6,860	11,440	18,300			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	9	18	18			45	7,320	14,640	14,640			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	12	12	12			36	9,530	9,530	9,540			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	12	12	15			39	8,800	8,800	11,000			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	12	12	18			42	10,460	10,460	15,680			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	12	12	24			48	9,150	9,150	18,300			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	12	15	15			42	10,460	13,070	13,070			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	12	15	18			45	9,760	12,200	14,640			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	12	18	18			48	9,140	13,730	13,730			36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	15	15	15			45	12,200	12,200	12,200			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	15	15	18			48	11,440	11,440	13,720			36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
4	7	7	7	7		28	7,500	7,500	7,500	7,500		30,000	7,600	30,000	47,000	450	2,100	3,570	2.20	9.30	15.80	4.19
	7	7	7	9		30	7,790	7,790	7,790	10,030		33,400	7,600	33,400	50,800	450	2,330	4,090	2.20	10.30	18.10	4.20
	7	7	7	12		33	7,760	7,760	7,760	13,320		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	7	15		36	7,120	7,120	7,120	15,240		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	7	18		39	6,570	6,570	6,570	16,890		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	7	24		45	5,690	5,690	5,690	19,530		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	9	9		32	8,010	8,010	10,290	10,290		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	9	12		35	7,320	7,320	9,410	12,550		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	9	15		38	6,740	6,740	8,670	14,450		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	9	18		41	6,250	6,250	8,030	16,070		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	9	24		47	5,450	5,450	7,010	18,690		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	12	12		38	6,740	6,740	11,560	11,560		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	12	15		41	6,250	6,250	10,710	13,390		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	12	18		44	5,830	5,820	9,980	14,970		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	15	15		44	5,820	5,820	12,480	12,480		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	15	18		47	5,450	5,450	11,680	14,020		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	9	9		34	7,530	9,690	9,690	9,690		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	9	12		37	6,930	8,900	8,900	11,870		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	9	15		40	6,410	8,240	8,240	13,710		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	9	18		43	5,960	7,660	7,660	15,320		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	12	12		40	6,400	8,240	10,980	10,980		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	12	15		43	5,960	7,660	10,210	12,770		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	12	18		46	5,570	7,160	9,550	14,320		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	15	15		46	5,580	7,160	11,930	11,930		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	12	12	12		43	5,970	10,210	10,210	10,210		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	12	12	15		46	5,570	9,550	9,550	11,930		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21

4. Combination Table

JXG36S4D(AJ036DXS4CG/AA)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
4	9	9	9	9		36	9,150	9,150	9,150	9,150		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	9	9	12		39	8,450	8,450	8,450	11,250		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	9	9	15		42	7,840	7,840	7,840	13,080		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	9	9	18		45	7,320	7,320	7,320	14,640		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	9	12	12		42	7,840	7,840	10,460	10,460		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	9	12	15		45	7,320	7,320	9,760	12,200		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	9	12	18		48	6,860	6,860	9,150	13,730		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	9	15	15		48	6,860	6,860	11,440	11,440		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	12	12	12		45	7,320	9,760	9,760	9,760		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	12	12	15		48	6,860	9,150	9,150	11,440		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	12	12	12	12		48	9,150	9,150	9,150	9,150		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21



NOTE

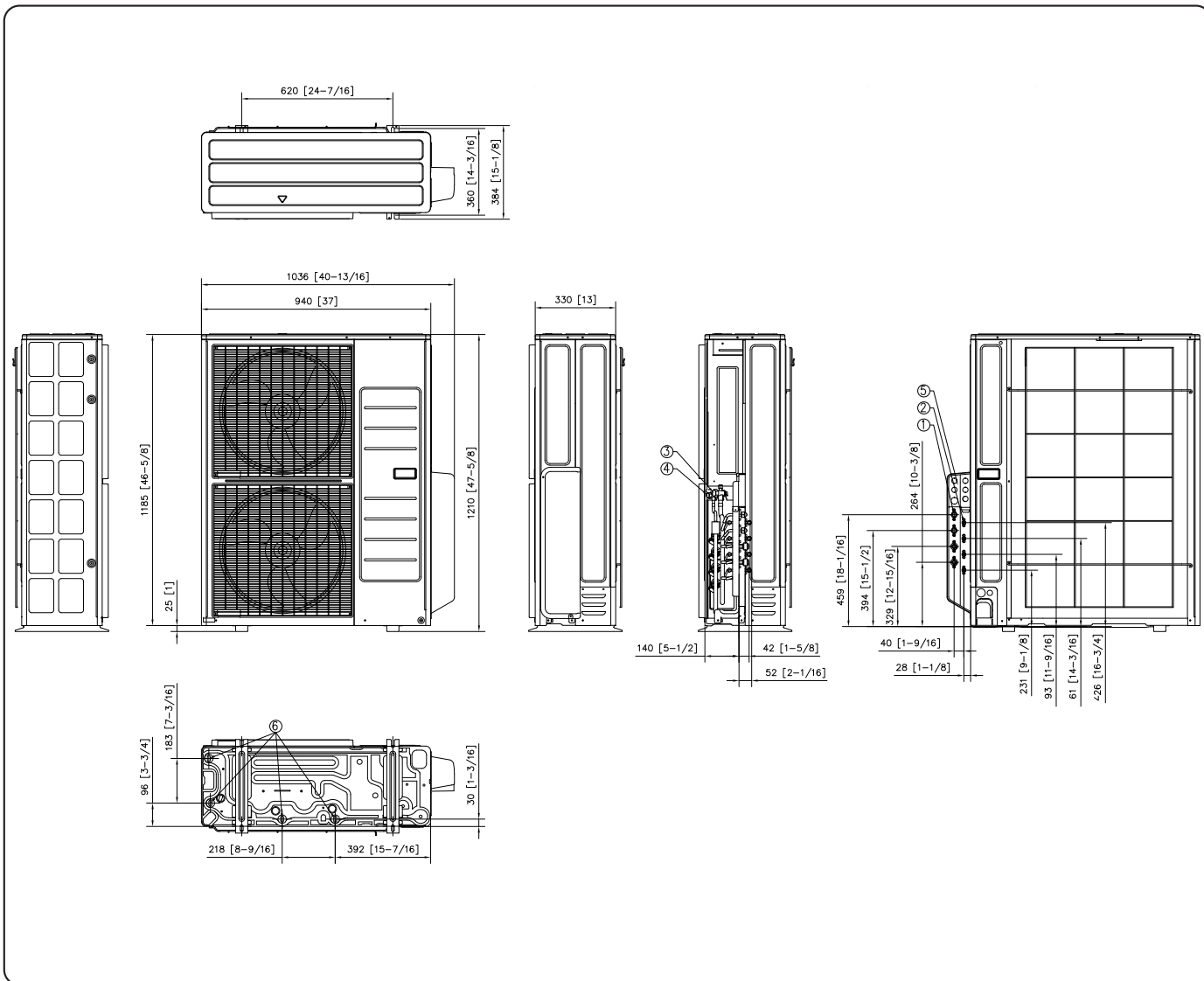
- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 48.
- At least two indoor units must be connected for operation.
- Also, Refer to the table for combinations that include non-duct and slim duct indoor units.

5. Dimensional Drawing

5-1. Outdoor units

JXG20S3D (AJ020DXS3CG/AA), JXG24S4D (AJ024DXS4CG/AA), JXG30S4D (AJ030DXS4CG/AA)
JXG36S4D (AJ036DXS4CG/AA)

Units : mm [inches]

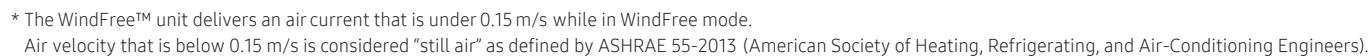


NO	Name	Description	
		JXG20S3D (AJ020DXS3CG/AA)	JXG24/30/36S4D (AJ024/30/36DXS4CG/AA)
1	Refrigerant gas pipe	Φ9.52 [3/8] x 3 EA	Φ9.52 [3/8] x 2 EA, Φ12.7 [1/2] x 2 EA
2	Refrigerant liquid pipe	Φ6.35 [1/4] x 3 EA	Φ6.35 [1/4] x 4 EA
3	Service valve (gas)	5/8	
4	Service valve (liquid)	3/8	

Air velocity that is below 0.15 m/s is considered “still air” as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

5-2. Indoor units

Units : mm [inches]

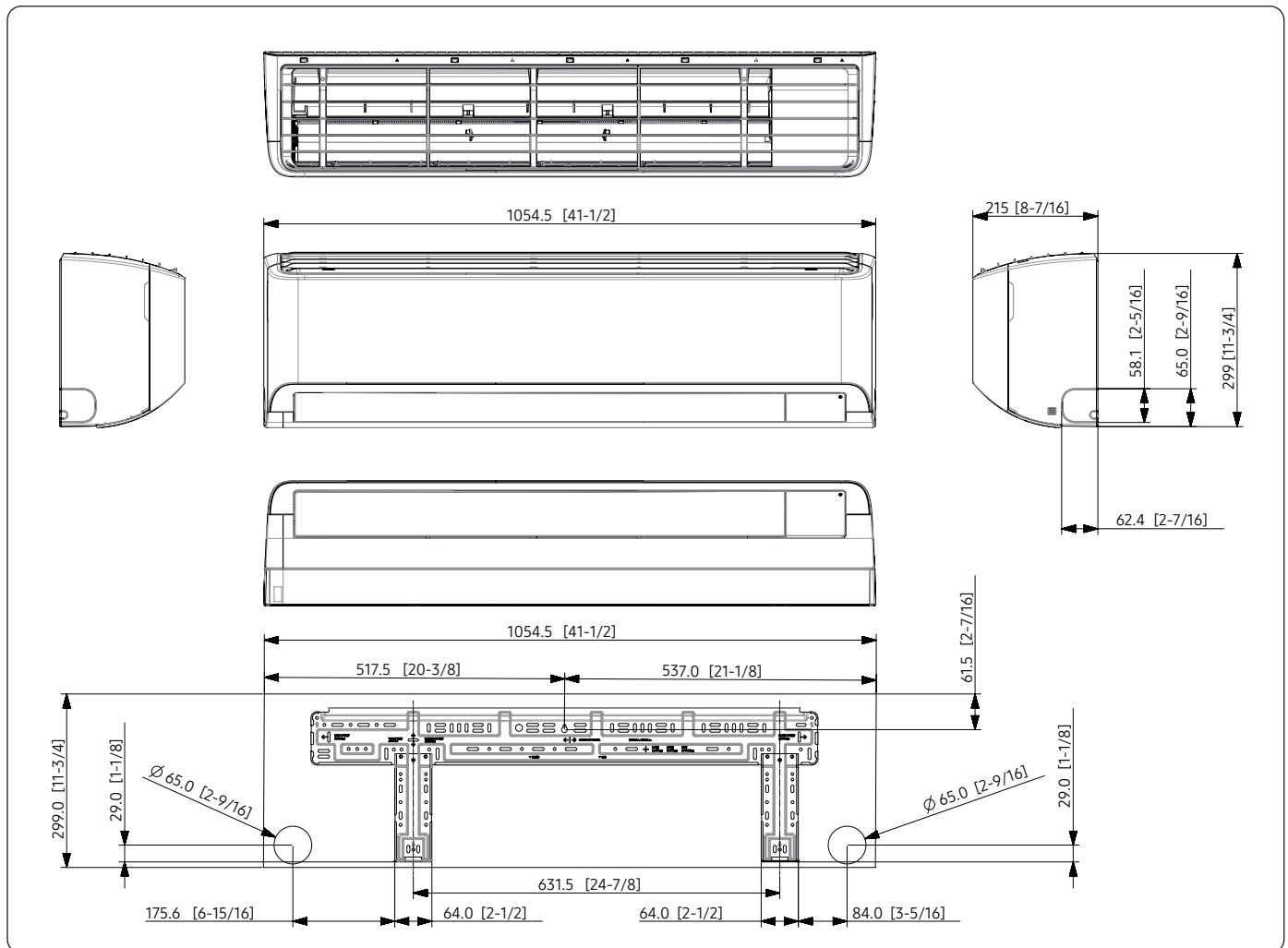


5. Dimensional Drawing

5-2. Indoor units

RNX18ABD (AR18DXDABWKNCV), RNX24ABD (AR24DXDABWKNCV), RNX15AMD (AR15DXFAMWKNCV)
RNX18AMD (AR18DXFAMWKNCV), RNX24AMD (AR24DXFAMWKNCV), JNG15ADD (AJ015DNADCG/AA)
JNG18ADD (AJ018DNADCG/AA), JNG24ADD (AJ024DNADCG/AA)

Units : mm [inches]



* The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree mode.

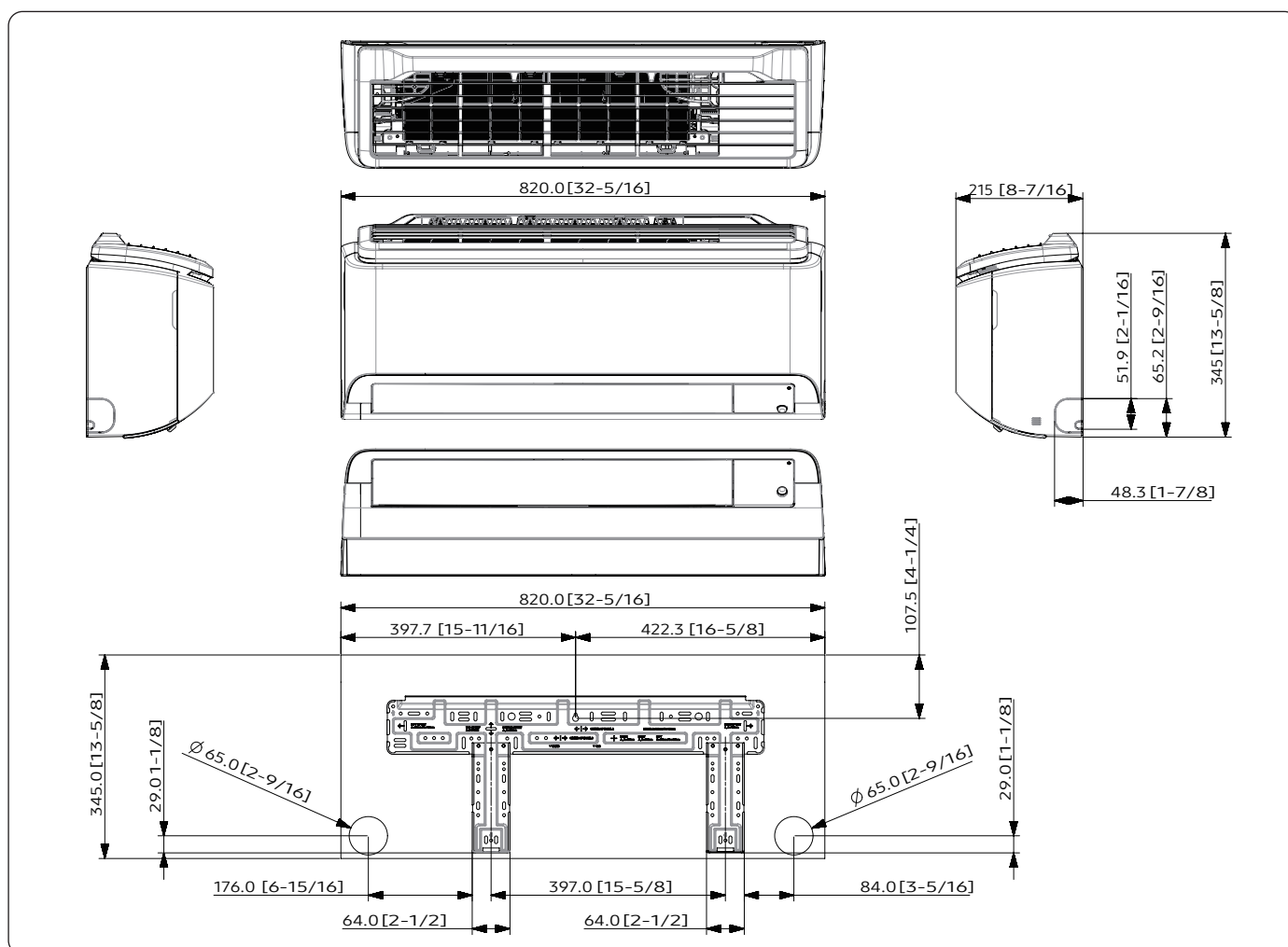
Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

5. Dimensional Drawing

5-2. Indoor units

RNX07CPD (AR07DXKAPWKNCV), RNX09CPD (AR09DXKAPWKNCV), RNX12CPD (AR12DXKAPWKNCV)

Unit : mm [inches]



* The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree mode.

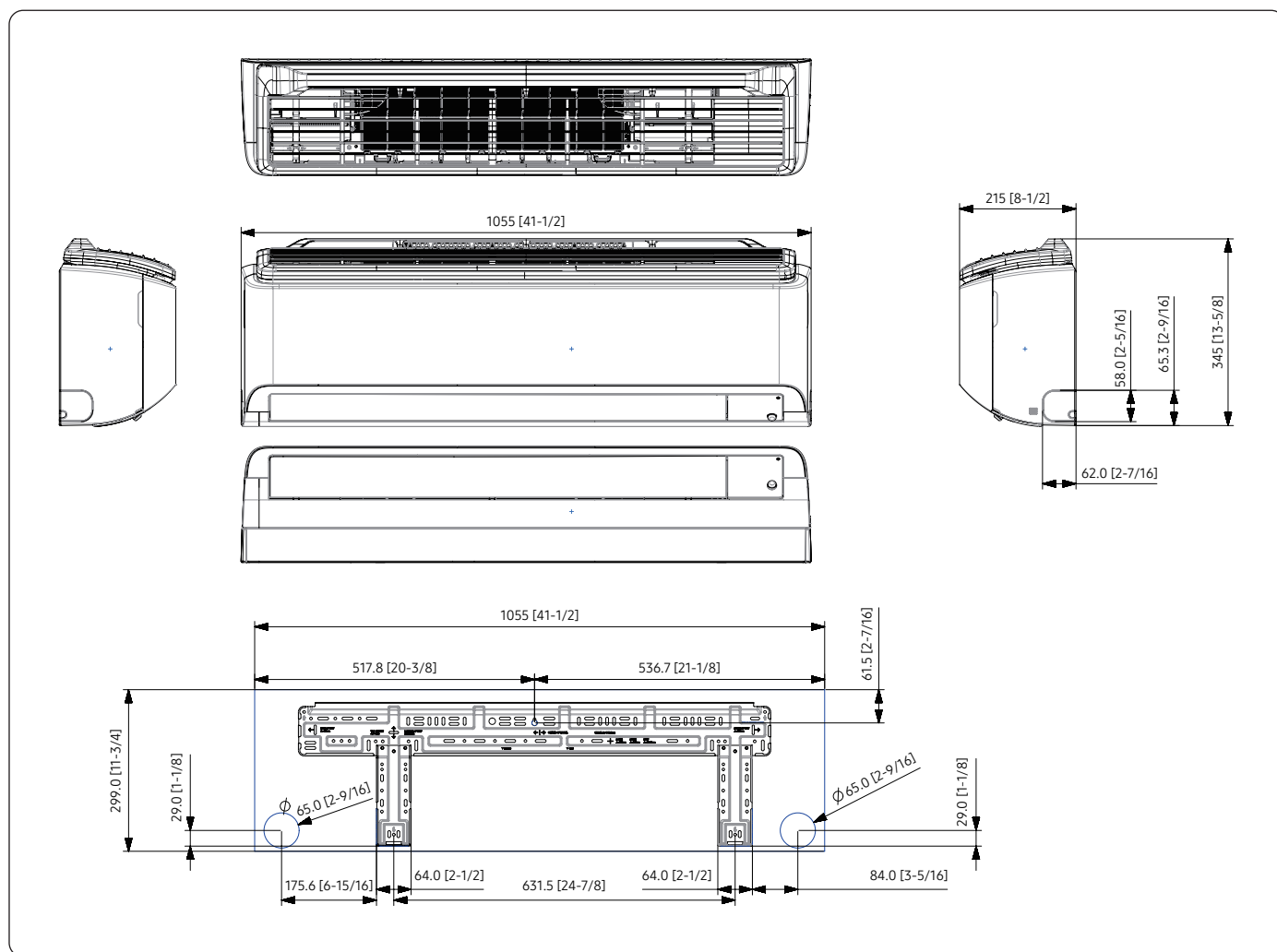
Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

5. Dimensional Drawing

5-2. Indoor units

RNX15CPD (AR15DXKAPWKNCV), RNX18CPD (AR18DXKAPWKNCV), RNX24CPD (AR24DXKAPWKNCV)

Units : mm [inches]



* The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree mode.

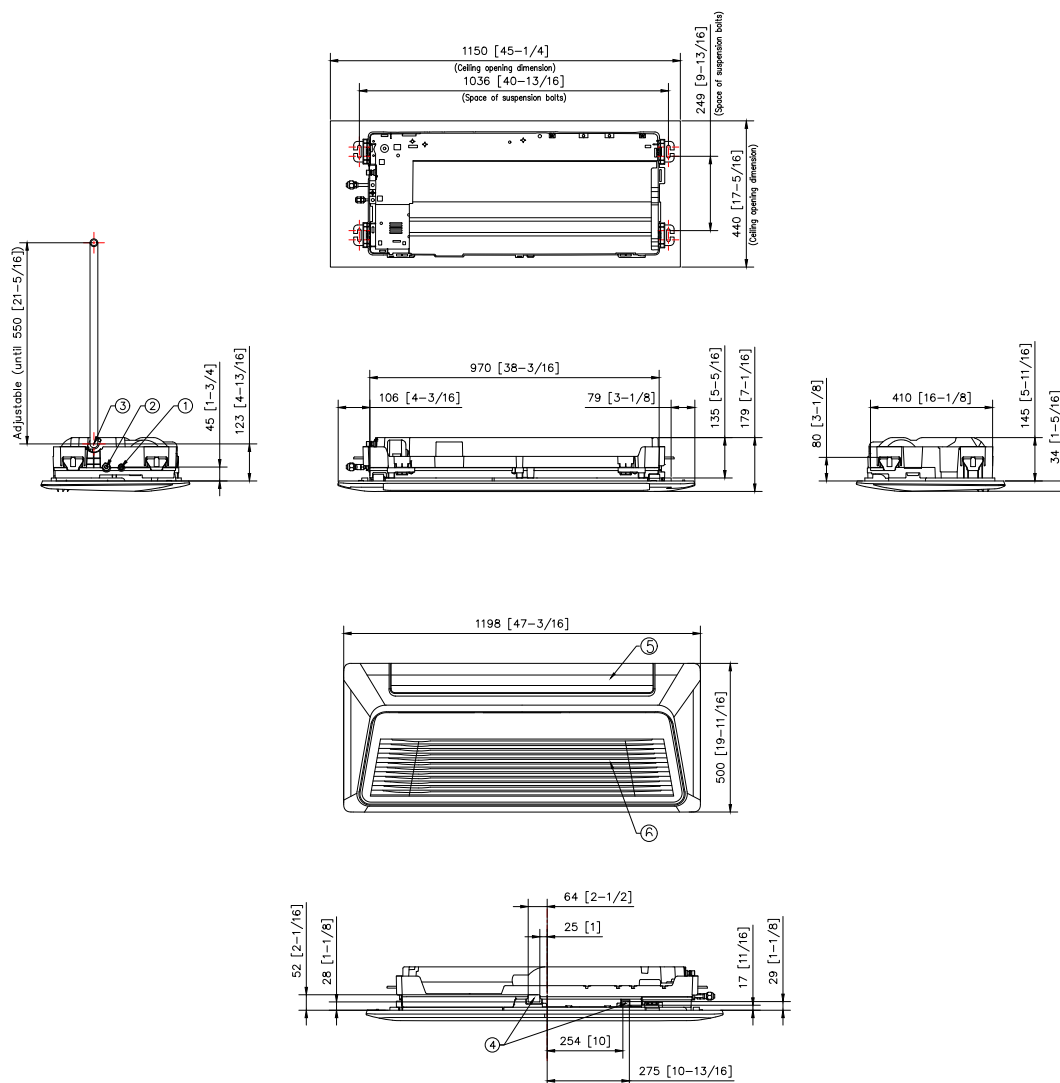
Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

5. Dimensional Drawing

5-2. Indoor units

CNG091DD (AC009DN1DCG/AA), CNG121DD (AC012DN1DCG/AA)

Units : mm [inches]



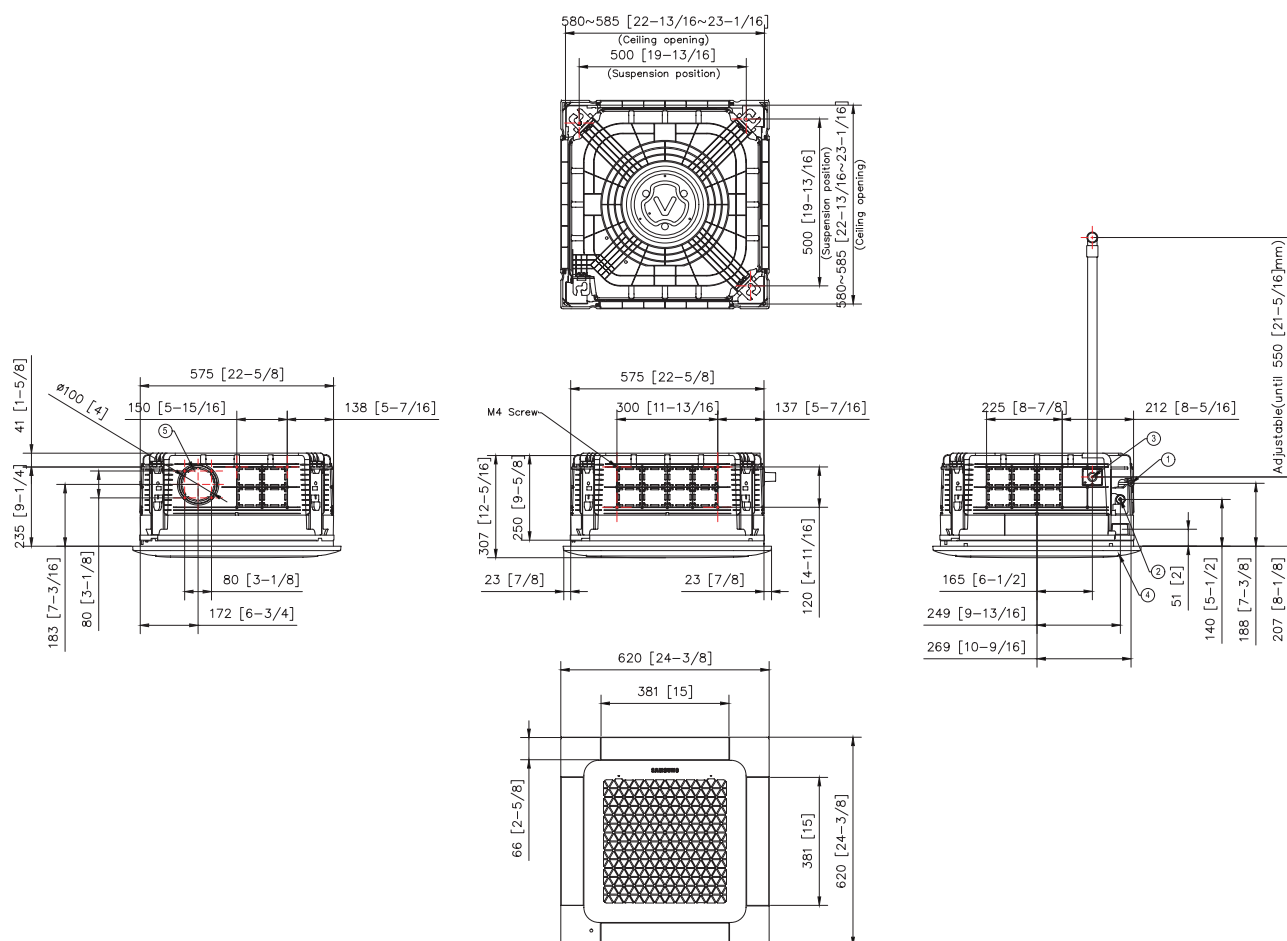
NO	Name	Description	NO	Name	Description
1	Liquid pipe connection	Ø6.35 [1/4]	5	Air outlet louver	-
2	Gas pipe connection	Ø9.52 [3/8]	6	Air inlet grille	-
3	Drain hose connection	OD 1.05			
4	Power supply/Communication wiring conduit	-			

5. Dimensional Drawing

5-2. Indoor units

CNG09NDD (AC009DNND CG/AA), CNG12NDD (AC012DNND CG/AA), CNG18NDD (AC018DNND CG/AA)

Units : mm [inches]



N.o	Name	Description	
		CNG09NDD, CNG12NDD	CNG18NDD
1	Liquid pipe connection	Φ6.35(1/4)	
2	Gas pipe connection	Φ9.52(3/8)	Φ12.7(1/2)
3	Drain pipe connection	OD 1.05	
4	Power supply & Communication wiring conduit		
5	Sub duct connection	Use M4 Screw	
6	Fresh air intake knockout hole	Φ10[4] , Use M4 Screw	

NOTE

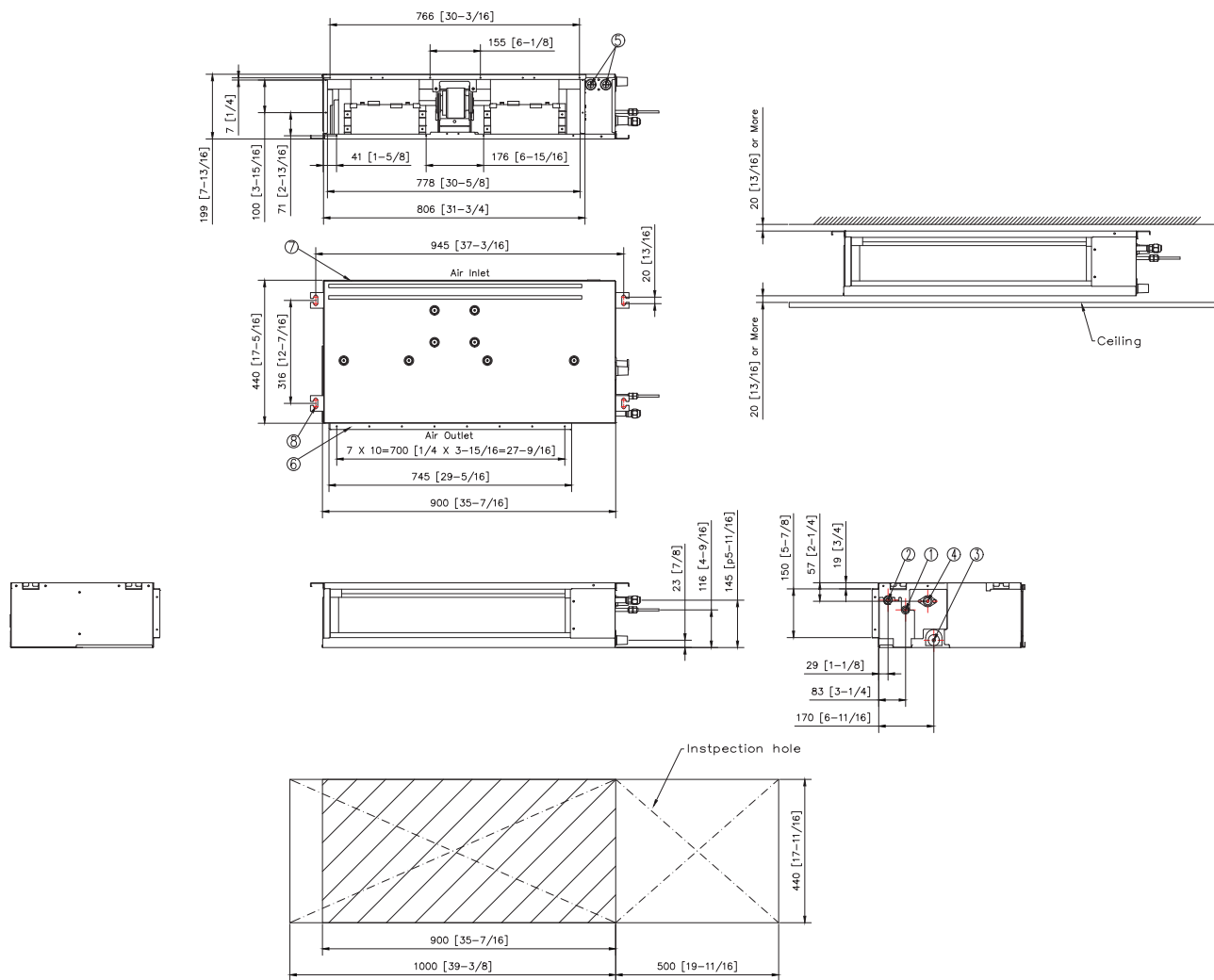
- As for suspension bolt, please use M8 ~ M10.
(Procured at local site)

5. Dimensional Drawing

5-2. Indoor units

CNG09LDD (AC009DNLDCG/AA), CNG12LDD (AC012DNLDCG/AA)

Units : mm [inches]



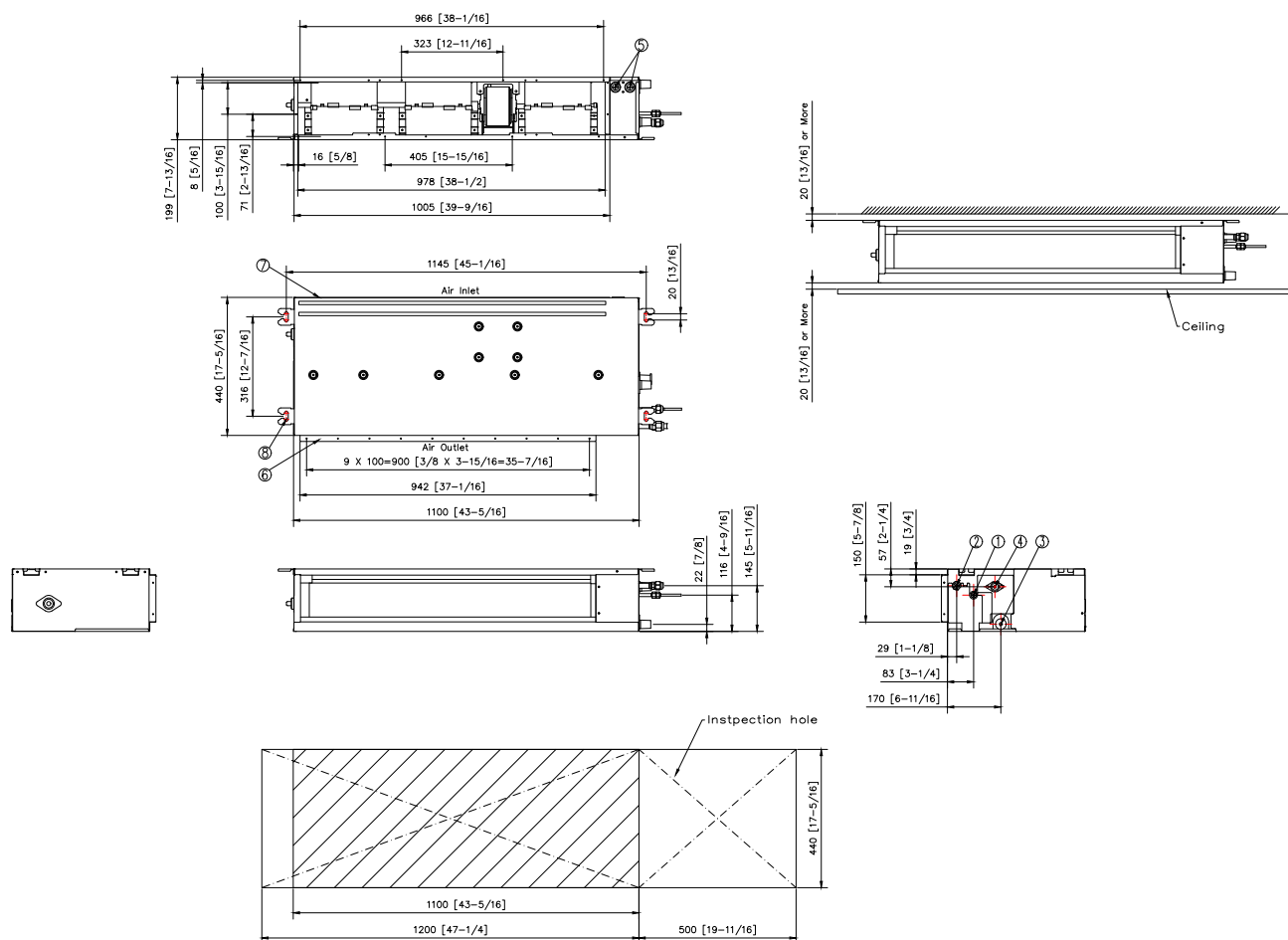
No.	Name	Description
①	Liquid pipe connection	Ø6.35 (1/4)
②	Gas pipe connection	Φ9.52 (3/8)
③	Drain pipe connection (Without drain pump)	OD 1.05
④	Drain pipe connection (With drain pump)	-
⑤	Power & Communication Conduits	-
⑥	Air discharge grille flange	-
⑦	Return Air Side	-
⑧	Hook	Ø9.52 or M10

5. Dimensional Drawing

5-2. Indoor units

CNG18LDD (AC018DNLDCG/AA)

Units : mm [inches]



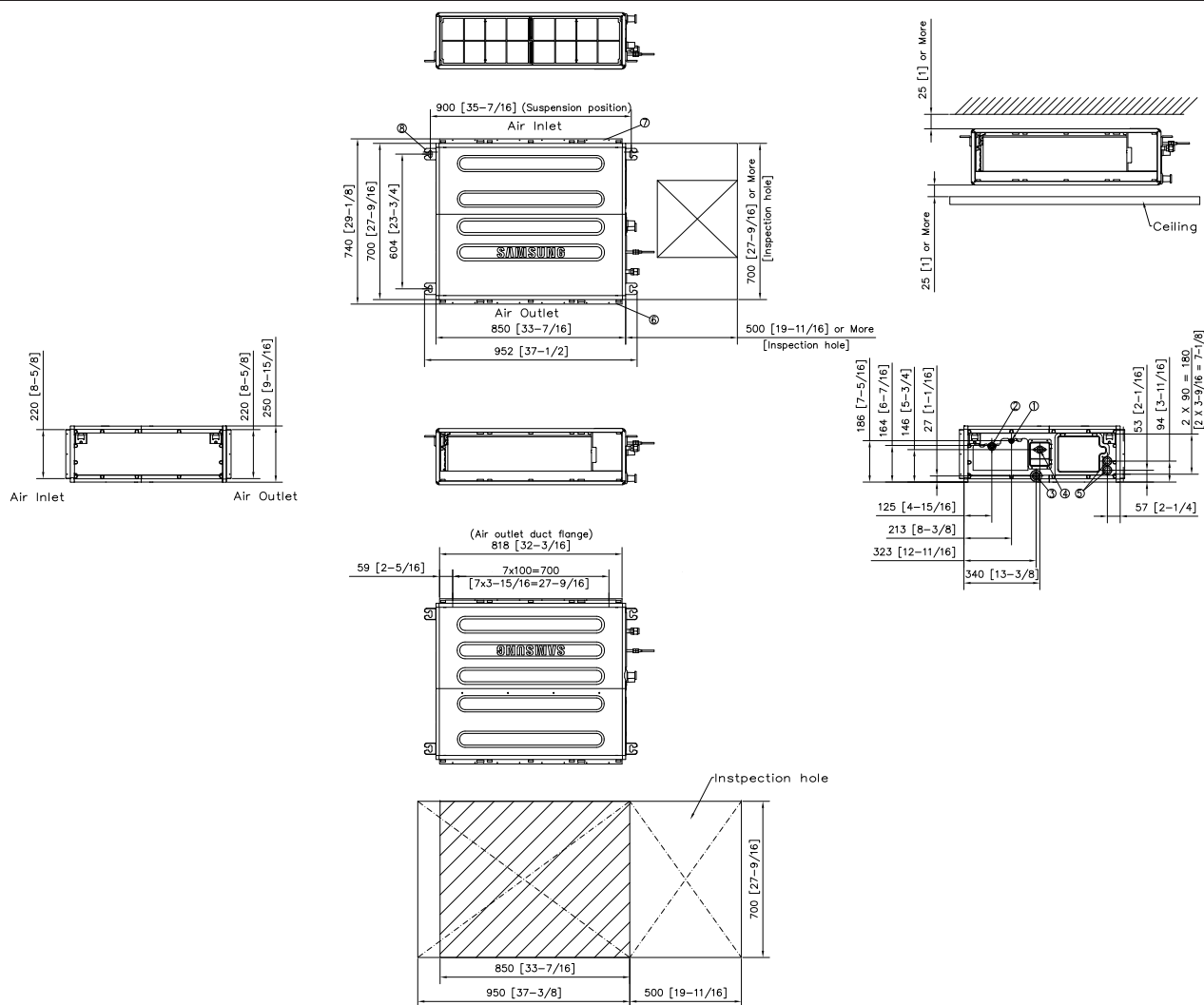
No.	Name	Description
①	Liquid pipe connection	Ø6.35 (1/4)
②	Gas pipe connection	Φ12.7 (1/2)
③	Drain pipe connection (Without drain pump)	OD 1.05
④	Drain pipe connection (With drain pump)	-
⑤	Power & Communication Conduits	-
⑥	Air discharge grille flange	-
⑦	Return Air Side	-
⑧	Hook	Ø9.52 or M10

5. Dimensional Drawing

5-2. Indoor units

JNG09HDD (AJ009DNHDCG/AA), JNG12HDD (AJ012DNHDCG/AA), JNG15HDD (AJ015DNHDCG/AA)
JNG18HDD (AJ018DNHDCG/AA)

Units : mm [inches]



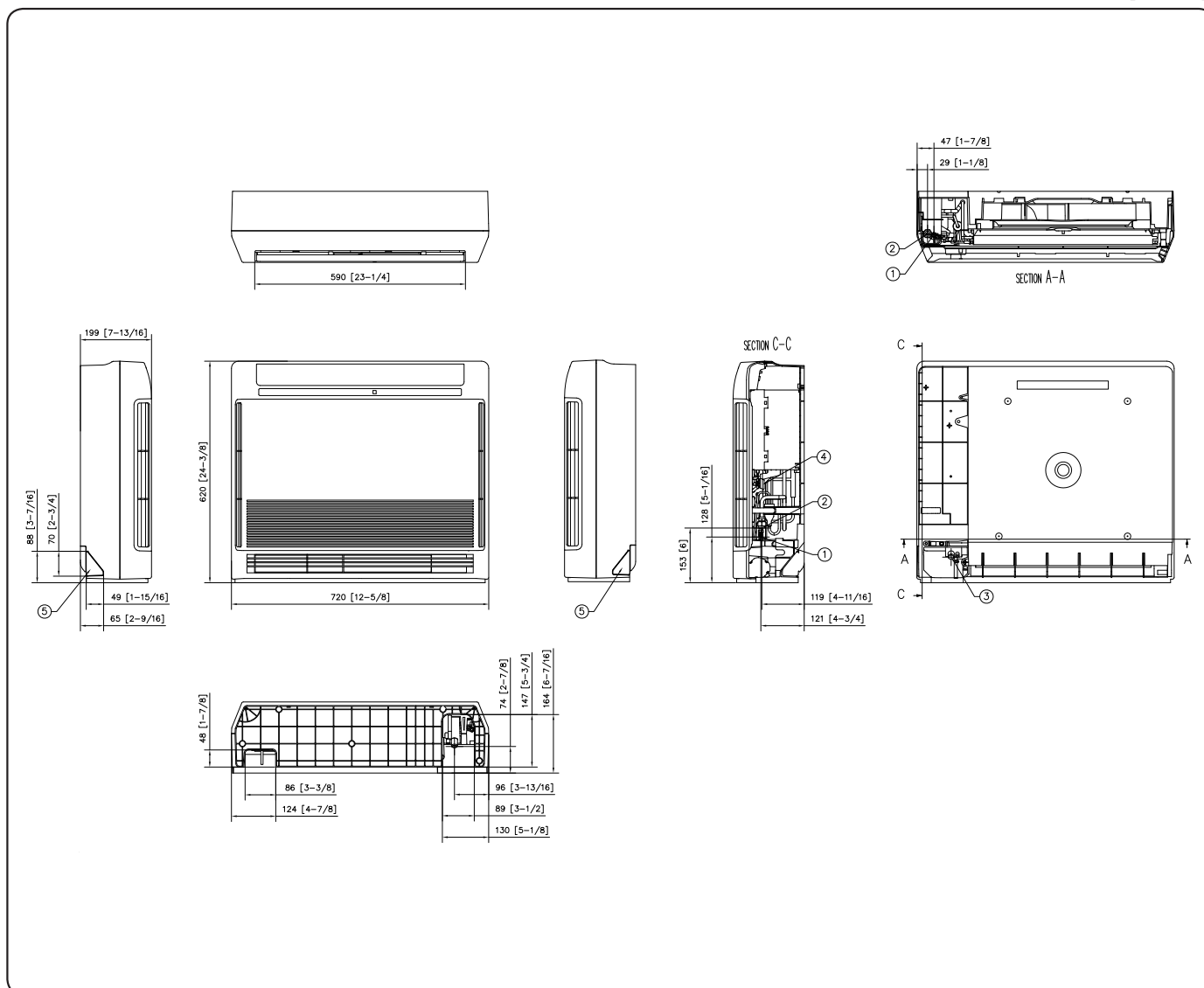
No.	Name	Description	
		JNG09HDD, JNG12HDD	JNG15HDD, JNG18HDD
①	Liquid pipe connection	Φ6.35 (1/4)	
②	Gas pipe connection	Φ9.52 (3/8)	Φ12.7 (1/2)
③	Drain pipe connection (Without drain pump)	OD 1.05	
④	Drain pipe connection (With drain pump)	-	
⑤	Power & Communication Conduits	-	
⑥	Air discharge grille flange	-	
⑦	Air suction flange	-	
⑧	Hook	Use M8~M10 bolt(4ea)	

5. Dimensional Drawing

5-2. Indoor units

CNG09JDD (AC009DNJDCG/AA), CNG12JDD (AC012DNJDCG/AA)

Units : mm [inches]



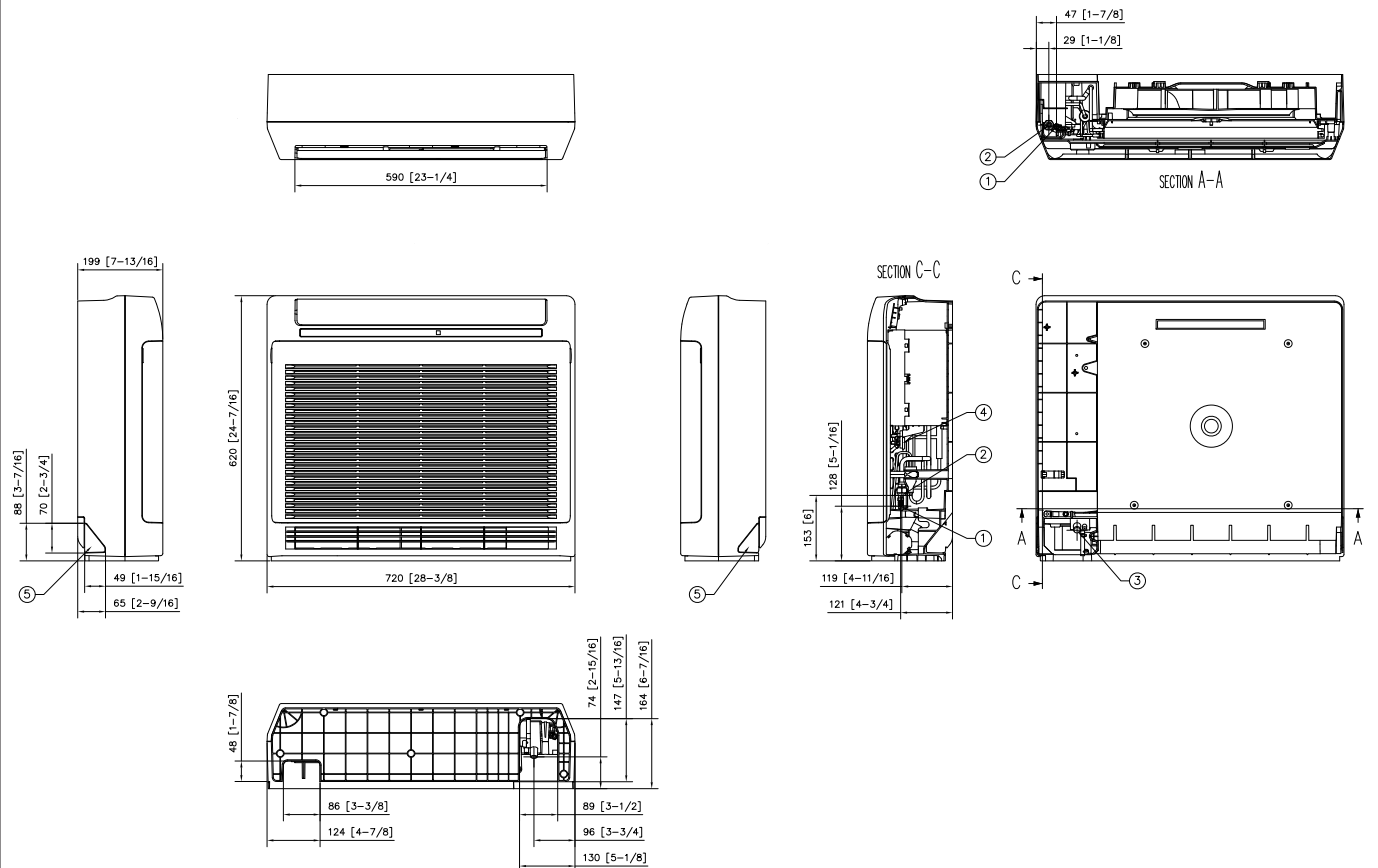
No.	Name	Description
1	Liquid pipe connection	Φ6.35(1/4)
2	Gas pipe connection	Φ9.52 (3/8)
3	Drain pipe connection	ID:0.71
4	Power supply & Communication wiring conduit	-
5	Fresh air intake	-

5. Dimensional Drawing

5-2. Indoor units

CNG15JDD (AC015DNJDCG/AA), CNG18JDD (AC018DNJDCG/AA)

Units : mm [inches]



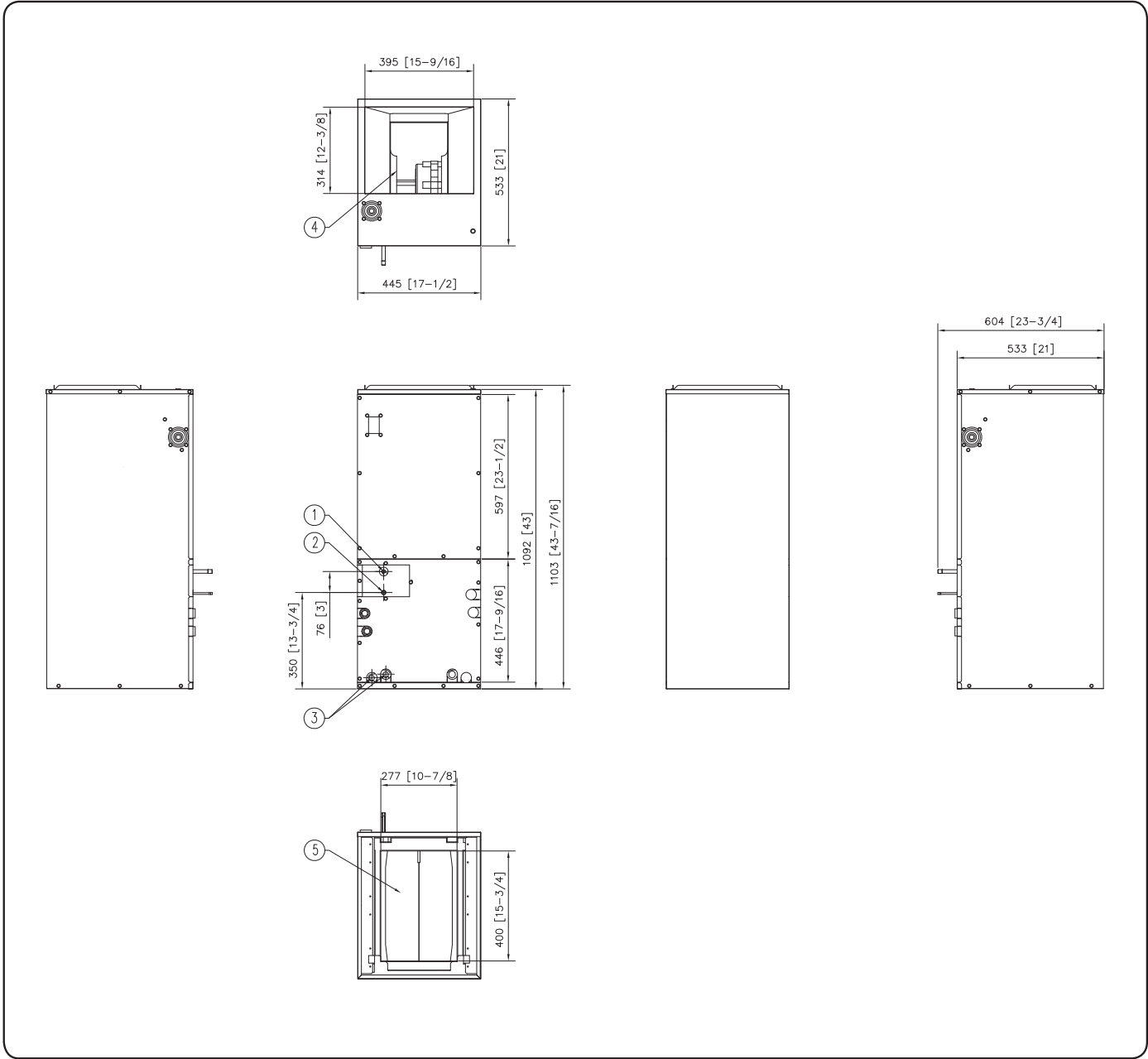
No.	Name	Description
1	Liquid pipe connection	Φ6.35(1/4)
2	Gas pipe connection	Φ12.7(1/2)
3	Drain pipe connection	ID:0.71
4	Power supply & Communication wiring conduit	-
5	Fresh air intake	-

5. Dimensional Drawing

5-2. Indoor units

JNG12ZDD (AJ012DNZDCG/AA), JNG18ZDD (AJ018DNZDCG/AA), JNG24ZDD (AJ024DNZDCG/AA)

Units : mm [inches]



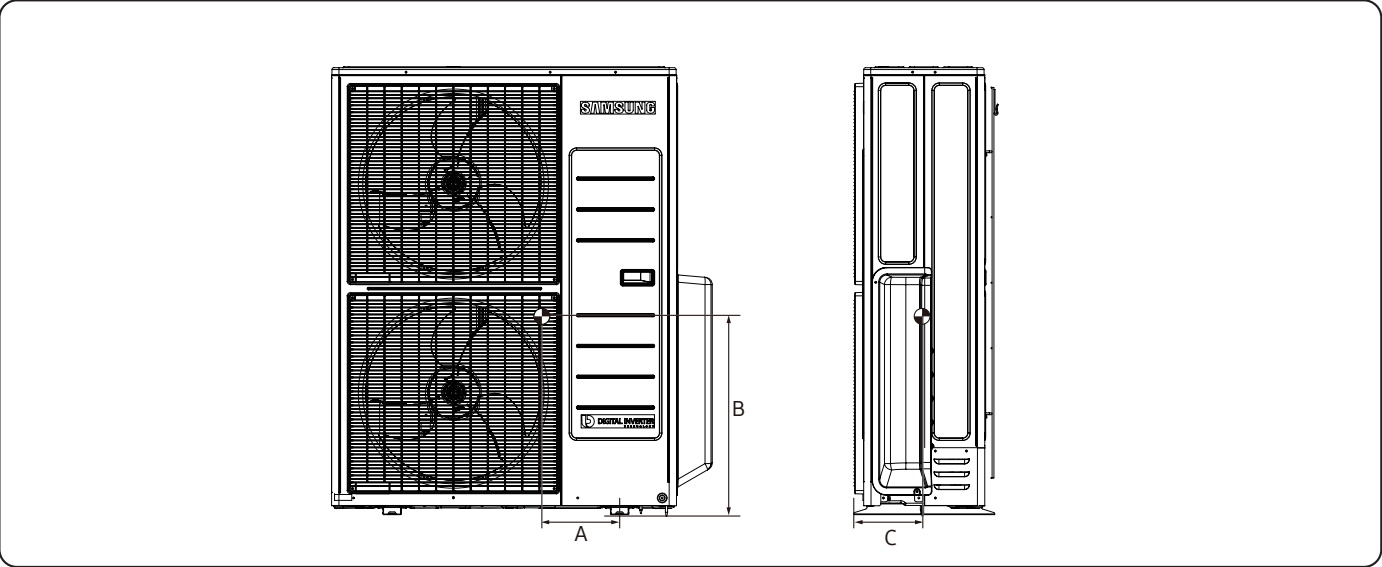
No.	Name	Description		
		JNG12ZDD (AJ012DNZDCG/AA)	JNG18ZDD (AJ018DNZDCG/AA)	JNG24ZDD (AJ024DNZDCG/AA)
1	Gas pipe connection	Φ9.52(3/8)	Φ12.7 (1/2)	Φ15.88 (5/8)
2	Liquid pipe connection		Φ6.35 (1/4)	
3	Drain pipe connection		FPT 3/4	
4	Air outlet			
5	Air intake			

6. Center of Gravity

6-1. Outdoor units

JXG20S3D (AJ020DXS3CG/AA), JXG24S4D (AJ024DXS4CG/AA), JXG30S4D (AJ030DXS4CG/AA)
JXG36S4D (AJ036DXS4CG/AA)

Units : mm (inches)



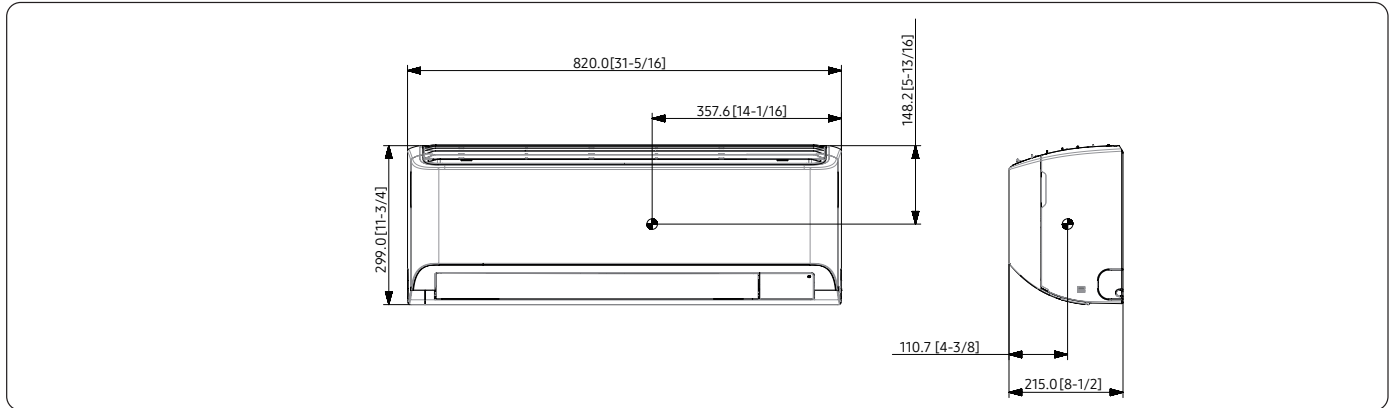
A	B	C
205 [8-1/8]	530 [20-7/8]	176 [6-15/16]

6. Center of Gravity

6-2. Indoor units

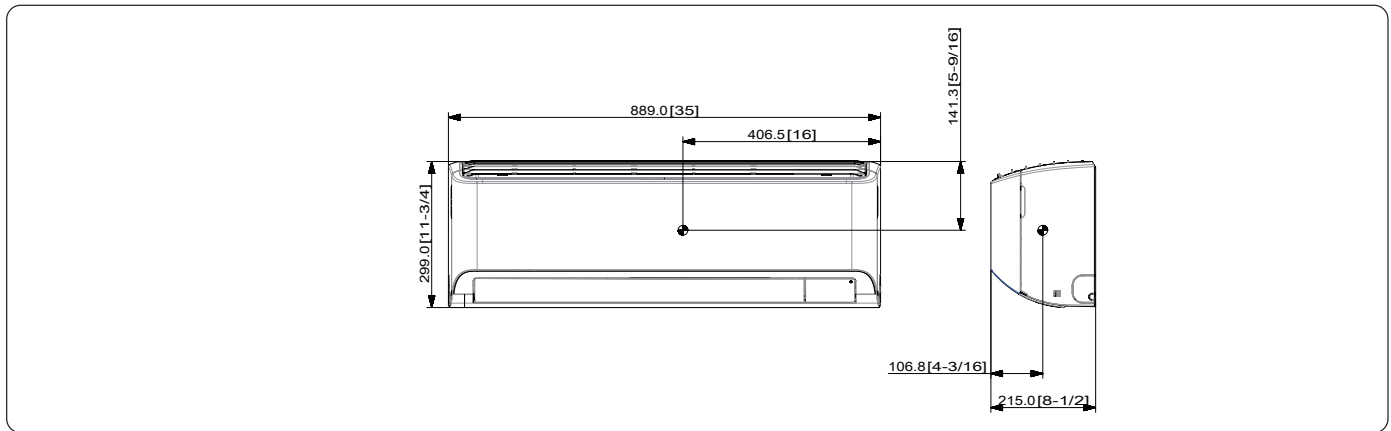
RNX07AMD (AR07DXFAMWKNCV), RNX09AMD (AR09DXFAMWKNCV), RNX12AMD (AR12DXFAMWKNCV)
JNG07ADD (AJ007DNADCG/AA), JNG09ADD (AJ009DNADCG/AA), JNG12ADD (AJ012DNADCG/AA)

Units : mm (inches)



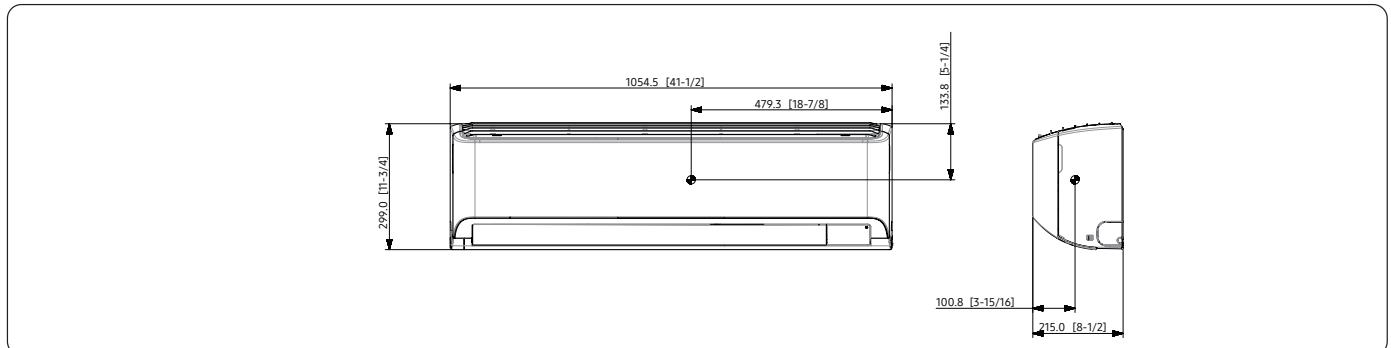
RNX07AFD (AR07DXDAFWKNCV), RNX09ABD (AR09DXDABWKNCV), RNX12ABD (AR12DXDABWKNCV)
RNX15AFD (AR15DXDAFWKNCV)

Units : mm (inches)



RNX18ABD (AR18DXDABWKNCV), RNX24ABD (AR24DXDABWKNCV), RNX15AMD (AR15DXFAMWKNCV)
RNX18AMD (AR18DXFAMWKNCV), RNX24AMD (AR24DXFAMWKNCV), JNG15ADD (AJ015DNADCG/AA)
JNG18ADD (AJ018DNADCG/AA), JNG24ADD (AJ024DNADCG/AA)

Units : mm (inches)



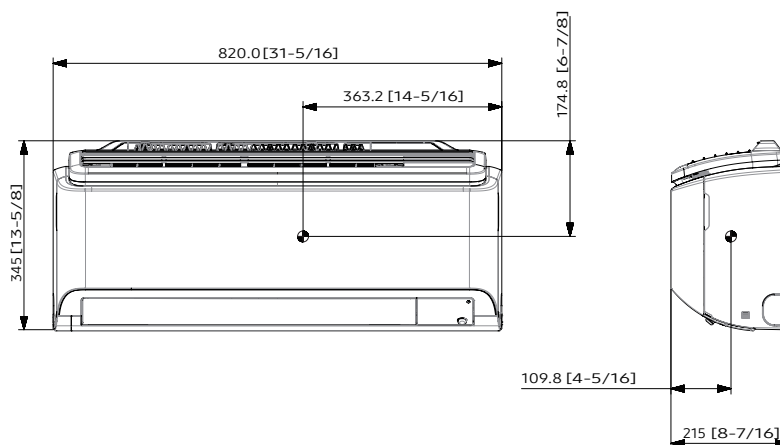
* The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree mode.
Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

6. Center of Gravity

6-2. Indoor units

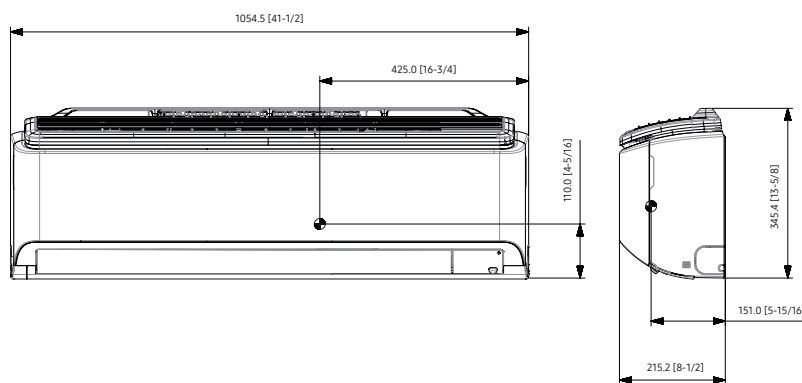
RNX07CPD (AR07DXKAPWKNCV), RNX09CPD (AR09DXKAPWKNCV), RNX12CPD (AR12DXKAPWKNCV)

Units : mm (inches)



RNX15CPD (AR15DXKAPWKNCV), RNX18CPD (AR18DXKAPWKNCV), RNX24CPD (AR24DXKAPWKNCV)

Units : mm (inches)



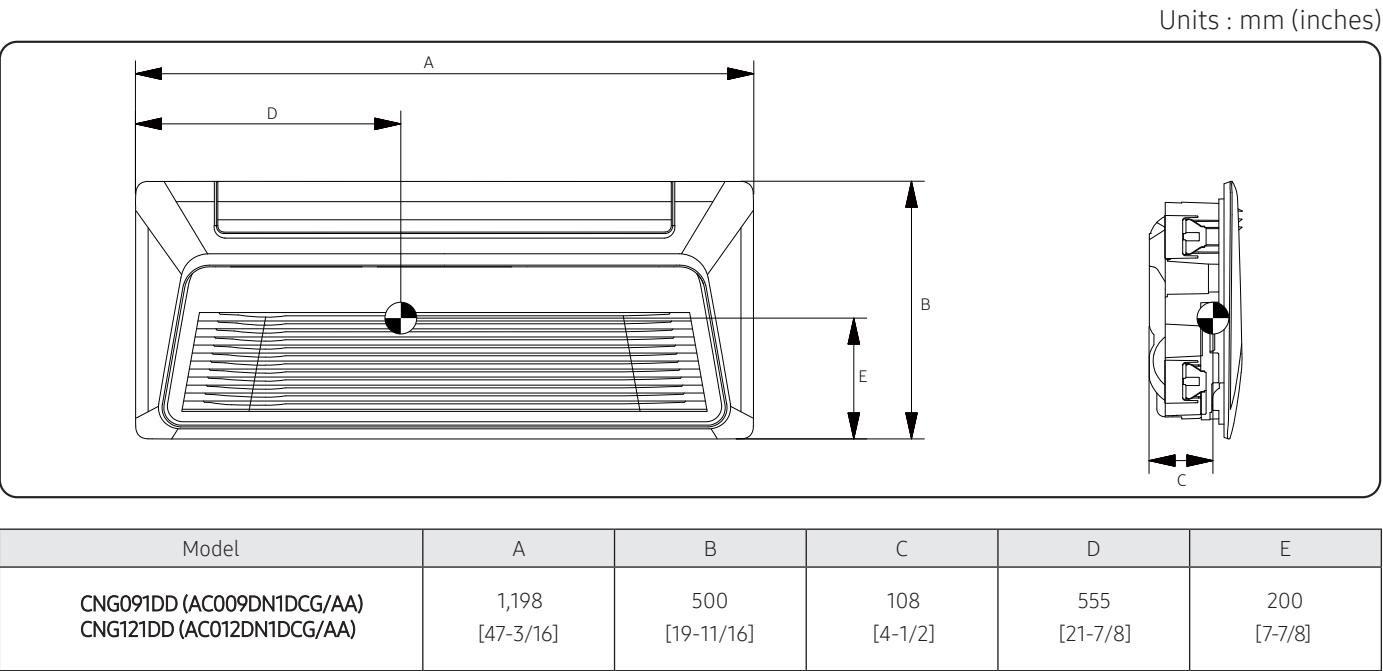
* The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree mode.

Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

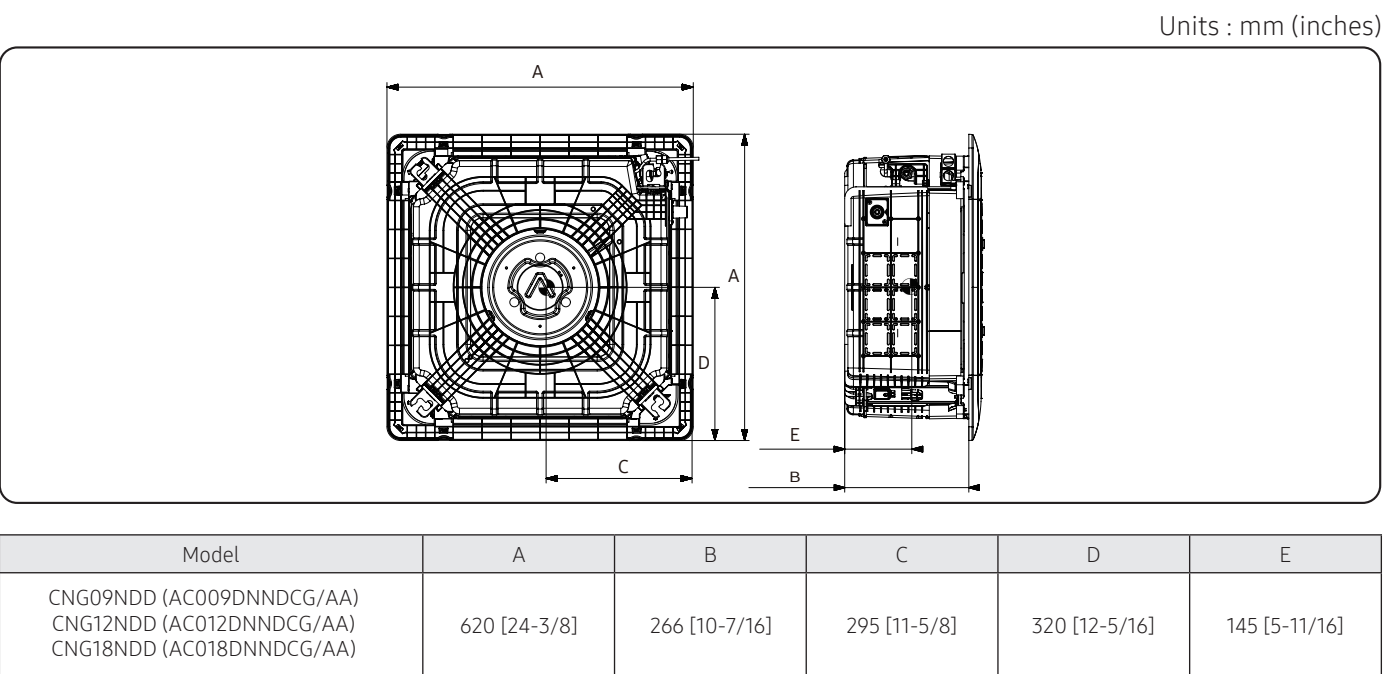
6. Center of Gravity

6-2. Indoor units

CNG091DD (AC009DN1DCG/AA), CNG121DD (AC012DN1DCG/AA)



CNG09NDD (AC009DNND CG/AA), CNG12NDD (AC012DNND CG/AA), CNG18NDD (AC018DNND CG/AA)

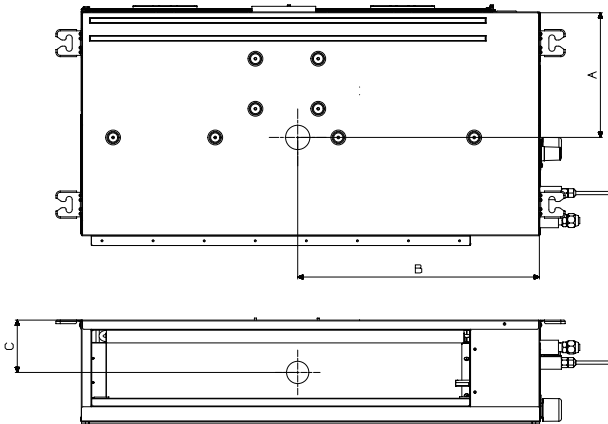


* The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree mode.
Air velocity that is below 0.15 m/s is considered “still air” as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

6. Center of Gravity

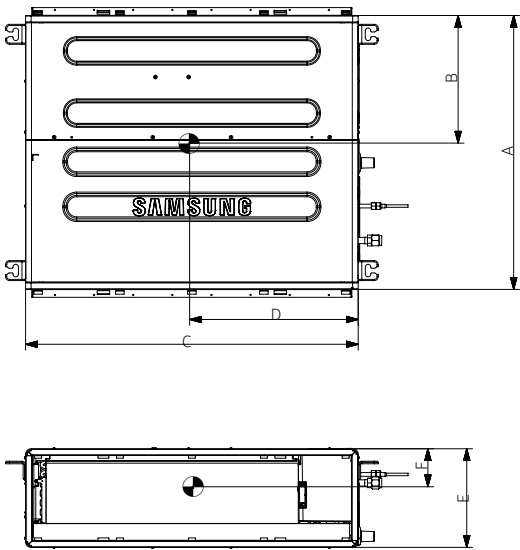
6-2. Indoor units

CNG09LDD (AC009DNLDCG/AA), CNG12LDD (AC012DNLDCG/AA), CNG18LDD (AC018DNLDCG/AA)
Units : mm (inches)



Model	A	B	C
CNG09/12LDD (AC009/012DNLDCG/AA)	233 [9-3/16]	436 [17-3/16]	100 [3-15/16]
CNG18LDD (AC018DNLDCG/AA)	240 [9-7/16]	540 [21-1/4]	100 [3-15/16]

JNG09HDD (AJ009DNHDCG/AA), JNG12HDD (AJ012DNHDCG/AA), JNG15HDD (AJ015DNHDCG/AA), JNG18HDD (AJ018DNHDCG/AA)
Units : mm (inches)



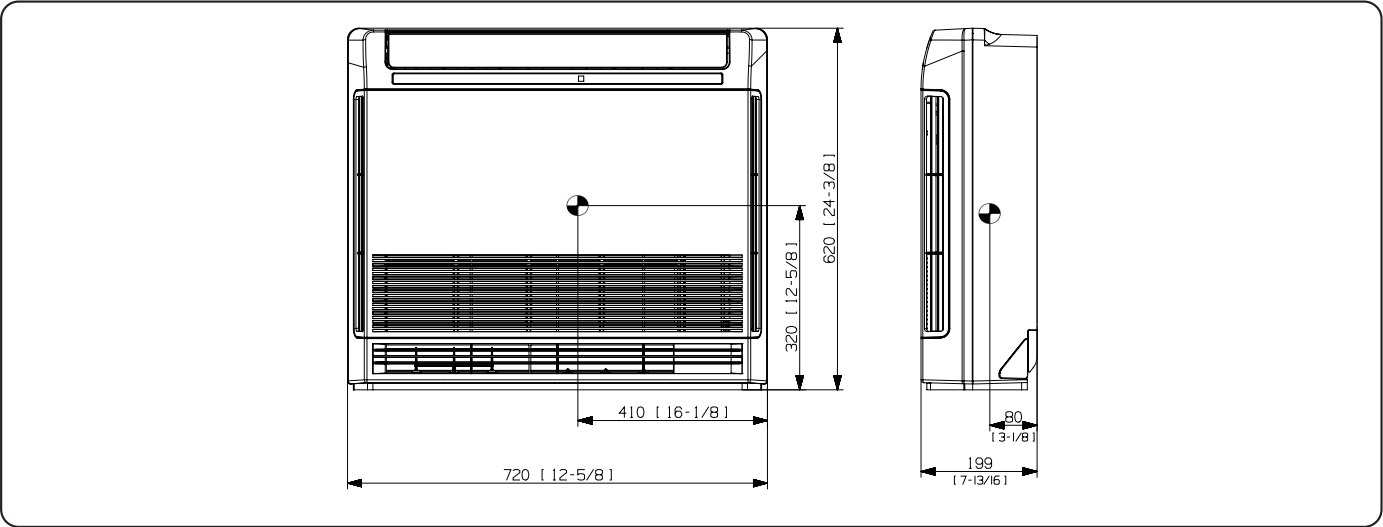
A	B	C	D	E	F
700 [27-9/16]	335 [14]	900 [35-7/16]	405 [15-15/16]	252 [9-15/16]	125 [4-15/16]

6. Center of Gravity

6-2. Indoor units

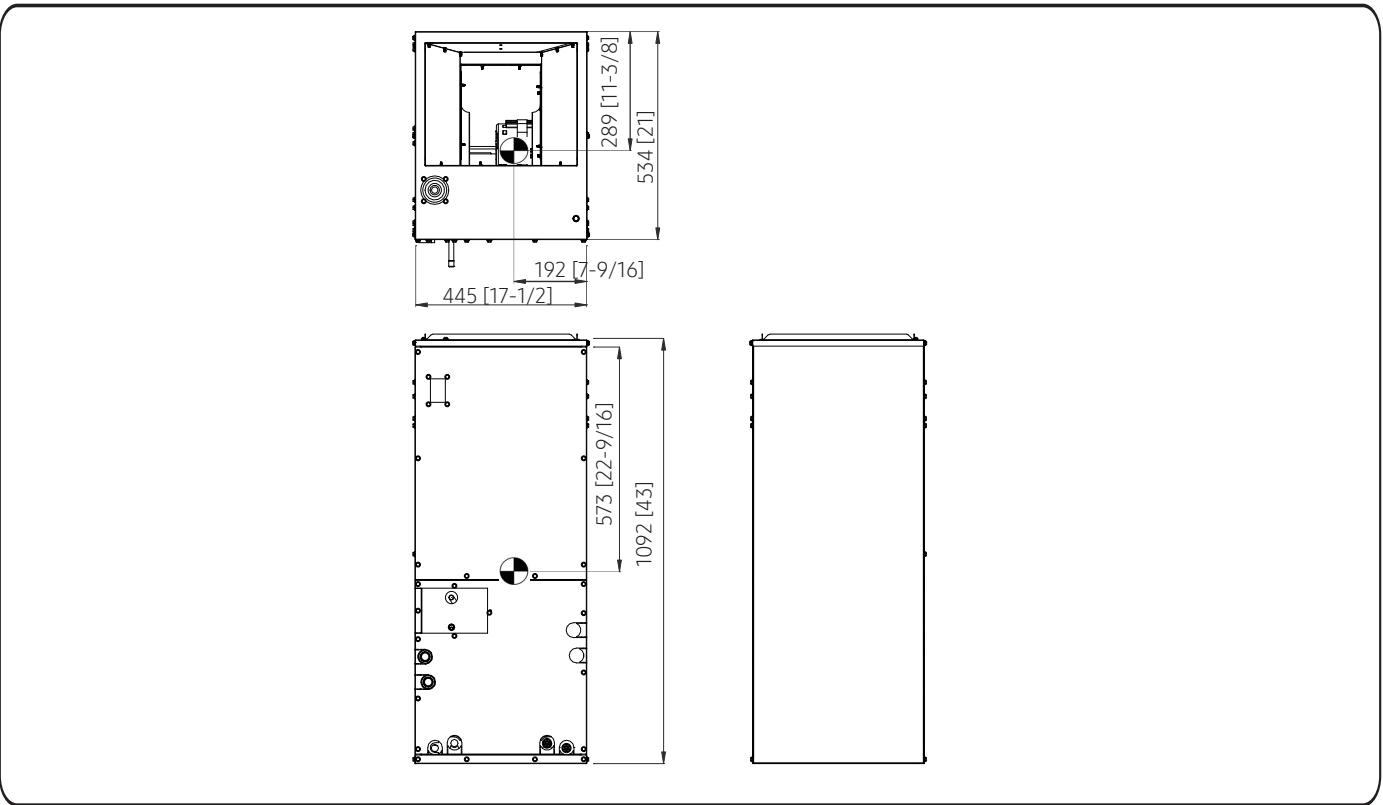
CNCNG09JDD (AC009DNJDCG/AA), CNG12JDD (AC012DNJDCG/AA),CNG15JDD (AC015DNJDCG/AA)
CNCNG18JDD (AC018DNJDCG/AA)

Units : mm (inches)



JNG12ZDD (AJ012DNZDCG/AA), JNG18ZDD (AJ018DNZDCG/AA), JNG24ZDD (AJ024DNZDCG/AA)

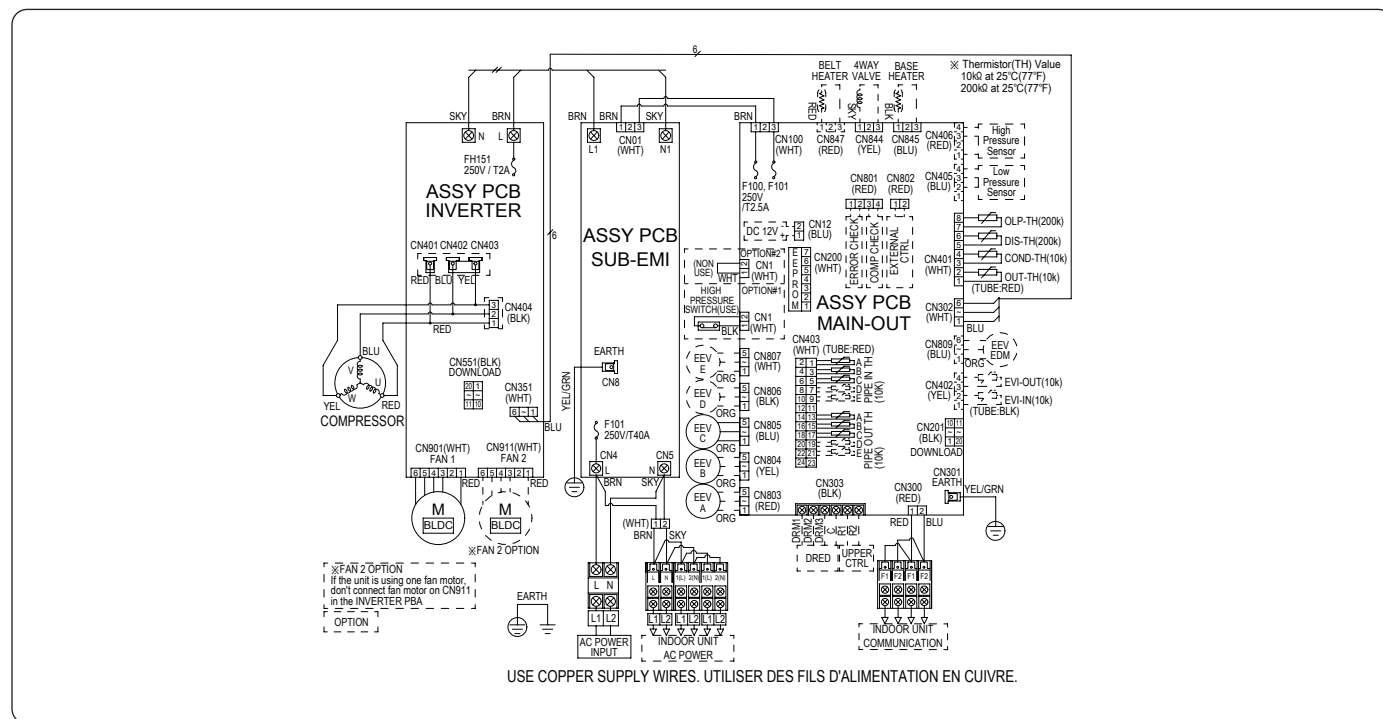
Units : mm (inches)



7. Electrical Wiring Diagram

7-1. Outdoor units

JXG20S3D (AJ020DXS3CG/AA), JXG24S4D (AJ024DXS4CG/AA), JXG30S4D (AJ030DXS4CG/AA)
JXG36S4D (AJ036DXS4CG/AA)



F100, F101	Fuse	PIPE IN TH(10K)	Thermistor - ODU PIPE IN	EEV	Electronic Expansion Valve
M-BLDC	Motor for outdoor Fan	PIPE OUT TH(10K)	Thermistor - ODU PIPE OUT	EXTERNAL CRTL	Input port for external contact control
DISPLAY	Panel LED display	OUT-TH(10K)	OUTDOOR TEMPERATURE SENSOR	EVI-IN(10K)	ESC IN TEMPERATURE SENSOR
ERROR CHECK	Contact output port for error check	DIS-TH(200K)	DISCHARGE TEMPERATURE SENSOR	EVI-OUT(10K)	ESC OUT TEMPERATURE SENSOR
COMP CHECK	Contact output port for compressor operation check	COND-TH(10K)	CONDENSOR TEMPERATURE SENSOR	4WAY VALVE	Solenoid Valver(4Way)
INDOOR ROOM(10K)	Thermistor - Indoor Room	OLP-TH(200K)	OLP TEMPERATURE SENSOR		

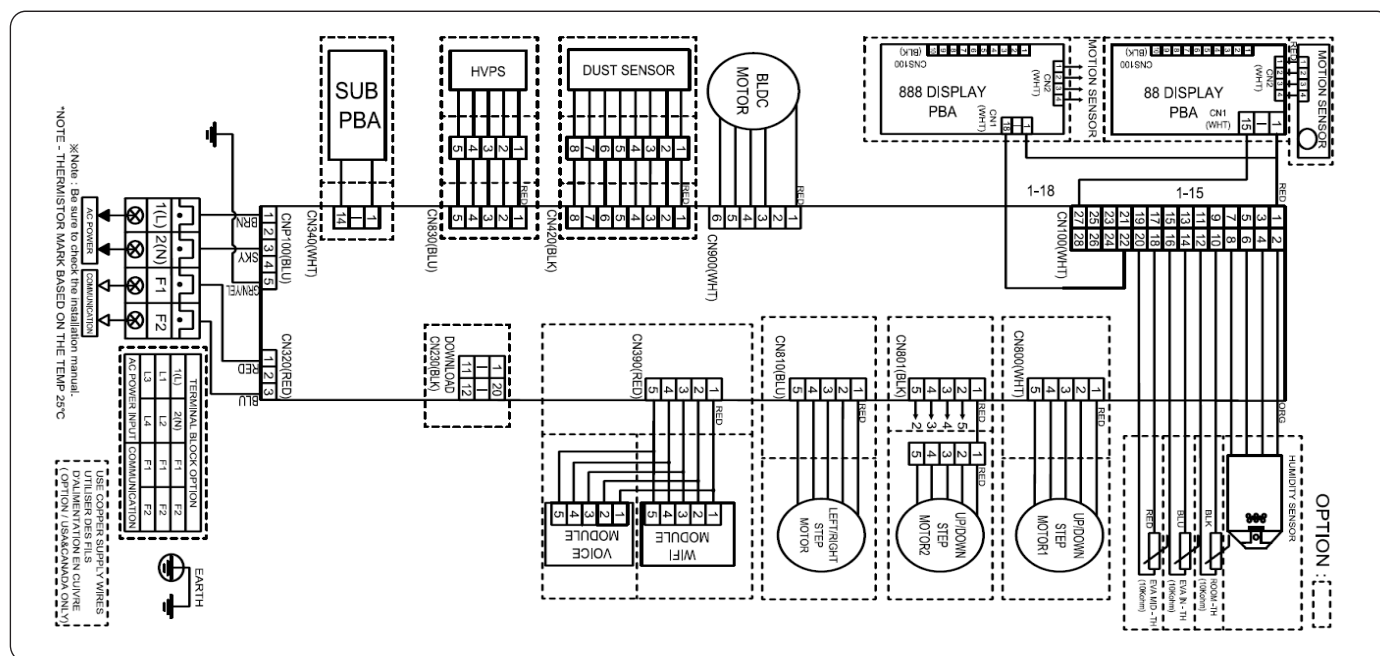
NOTE

- This wiring diagram applies only to the outdoor unit.
- Colors BLK : black, BRN : brown, SKY-BLU : sky-blue, GRN/YEL : green/yellow, RED : red, YEL : yellow, ORG : orange, BLU : blue, WHT:white
- For connection wiring indoor-outdoor transmission F1-F2, refer to the installation manual
-  Protective earth(screw)

7. Electrical Wiring Diagram

7-2. Indoor units

RNX**A*D (AR**DXDA*WKNCV), RNX**AMD (AR**DXFAMWKNCV), RNX**CPD (AR**DXKAPWKNCV)



MOTION SENSOR	SENSOR(MOTION)	DISPLAY	Printed circuit board(DISPLAY BOARD)	DUST SNESOR	SENSOR(DUST)
ROOM TH	Thermistor(Room Temp._10Kohm)	BLDC	Motor(BLDC FAN MOTOR)	HVPS	LOAD(HVPS MODULE)
EVA MID - TH	Thermistor(EVA MID Temp._10Kohm)	UP/DOWN STEP MOTOR1	Motor(STEP MOTOR)	WIFI MODULE	LOAD(WIFI MODULE)
EVA IN -TH	Thermistor(EVA IN Temp._10Kohm)	UP/DOWN STEP MOTOR2	Motor(STEP MOTOR)	SUB PBA	Printed circuit board(SUB BOARD)
HUMIDITY SENSOR	SENSOR(HUMIDITY)	LEFT/RIGHT STEP MOTOR	Motor(STEP MOTOR)		

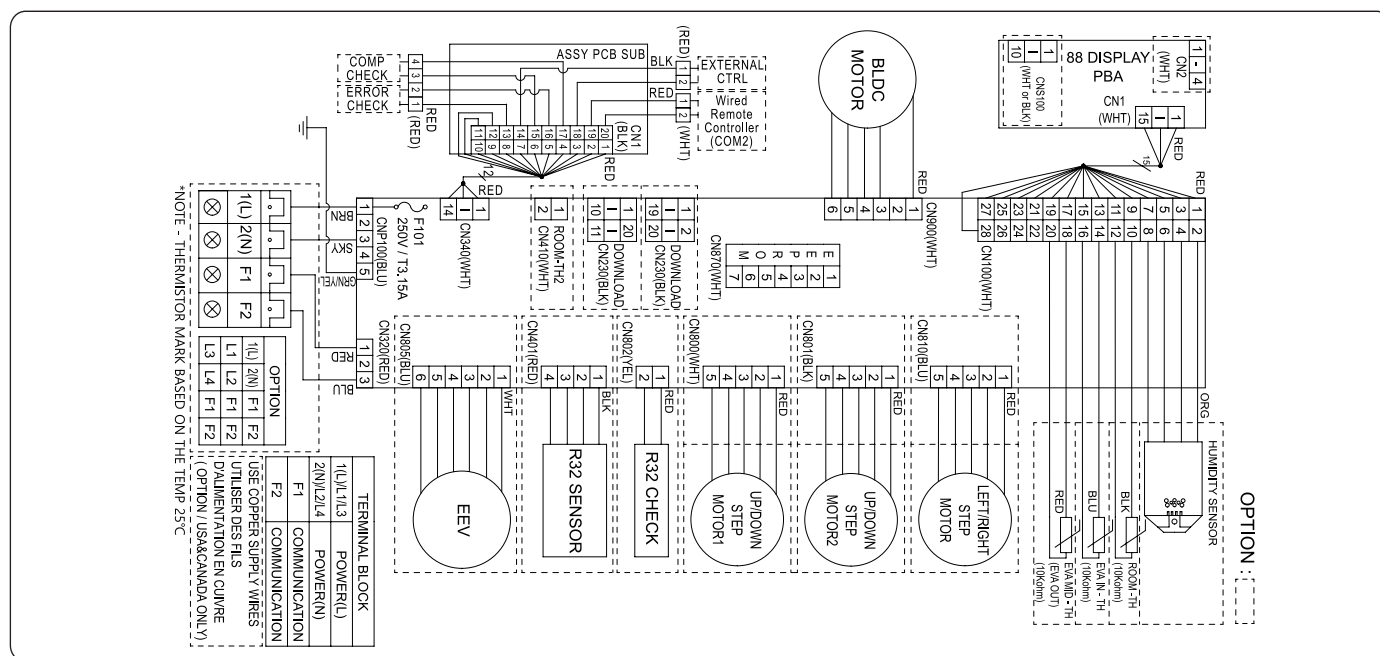
NOTE

- This wiring diagram applies only to the indoor unit.
- Colors BLK : black, BRN : brown, SKY-BLU : sky-blue, GRN/YEL : green/yellow, RED : red, YEL : yellow, ORG : orange, BLU : blue, WHT:white
-  Protective: Protective earth(screw)

7. Electrical Wiring Diagram

7-2. Indoor units

JNG**ADD (AJ***DNADCG/AA)



F101	Fuse	ROOM-TH(10Kohm)	Thermistor - Indoor Room	R32 SENSOR	R32 Gas sensor
BLDC MOTOR	Motor for Indoor Fan	EVA IN-TH(10Kohm)	Thermistor - IDU heat exchanger In	R32 CHECK	Contact output port for R32 Gas check
88 DISPLAY PBA	DISPLAY SUB PBA	EVA MID-TH(10Kohm)	Thermistor - IDU heat exchanger Out	EEV	Electronic Expansion Valve
ERROR CHECK	Contact output port for error check	EEPROM	EEPROM SUB PBA		
COMP CHECK	Contact output port for compressor operation check	EXTERNAL CTRL	Input port for external contact control		

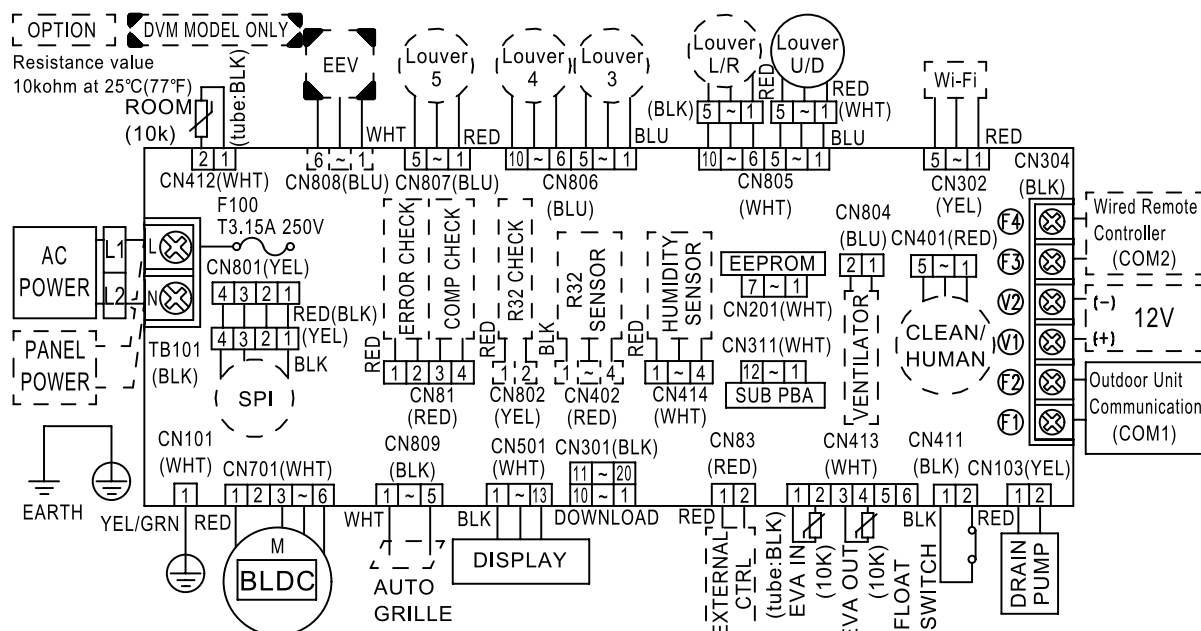
NOTE

- This wiring diagram applies only to the indoor unit.
- Colors BLK : black, BRN : brown, SKY-BLU : sky-blue, GRN/YEL : green/yellow, RED : red, YEL : yellow, ORG : orange, BLU : blue, WHT:white
- ⏏ Protective: Protective earth(screw)

7. Electrical Wiring Diagram

7-2. Indoor units

CNG091DD (AC009DN1DCG/AA), CNG121DD (AC012DN1DCG/AA)



SUB PBA	SUB PBA for wired remote control communication	ROOM(10K)	Thermistor - Indoor Room	EER	Electronic Expansion Valve
COMP CHECK	Contact output port for compressor operation check	EVA IN(10K)	Thermistor - IDU heat exchanger In	F100	Fuse
ERROR CHECK	Contact output port for error check	EVA OUT(10K)	Thermistor - IDU heat exchanger Out	EEPROM	EEPROM SUB PBA
R32 SENSOR	R32 Gas sensor	EXTERNAL CTRL	Input port for external contact control	M-BLDC	Motor for Indoor Fan
R32 CHECK	Contact output port for R32 Gas check	VENTILATOR	Contact output port for Ventilator control	DISPLAY	Panel LED display

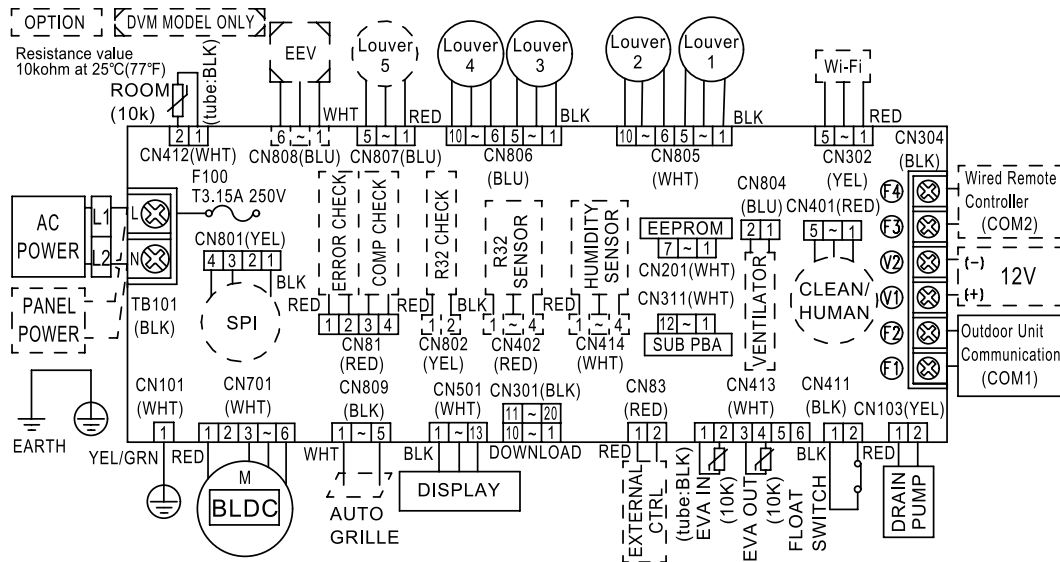
NOTE

- This wiring diagram applies only to the Indoor unit.
- Symbols show as follow :
blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue: grn: green
- For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
- ⏏ Protective earth(screw), □□□□ : connector, $\frac{N}{\times}$: The wire quantity

7. Electrical Wiring Diagram

7-2. Indoor units

CNG09NDD (AC009DNND CG/AA), CNG12NDD (AC012DNND CG/AA), CNG18NDD (AC018DNND CG/AA)



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

SUB PBA	SUB PBA for wired remote control communication	ROOM(10K)	Thermistor - Indoor Room	EEV	Electronic Expansion Valve
COMP CHECK	Contact output port for compressor operation check	EVA IN(10K)	Thermistor - IDU heat exchanger In	F100	Fuse
ERROR CHECK	Contact output port for error check	EVA OUT(10K)	Thermistor - IDU heat exchanger Out	EEPROM	EEPROM SUB PBA
R32 SENSOR	R32 Gas sensor	EXTERNAL CTRL	Input port for external contact control	M-BLDC	Motor for Indoor Fan
R32 CHECK	Contact output port for R32 Gas check	VENTILATOR	Contact output port for Ventilator control	DISPLAY	Panel LED display

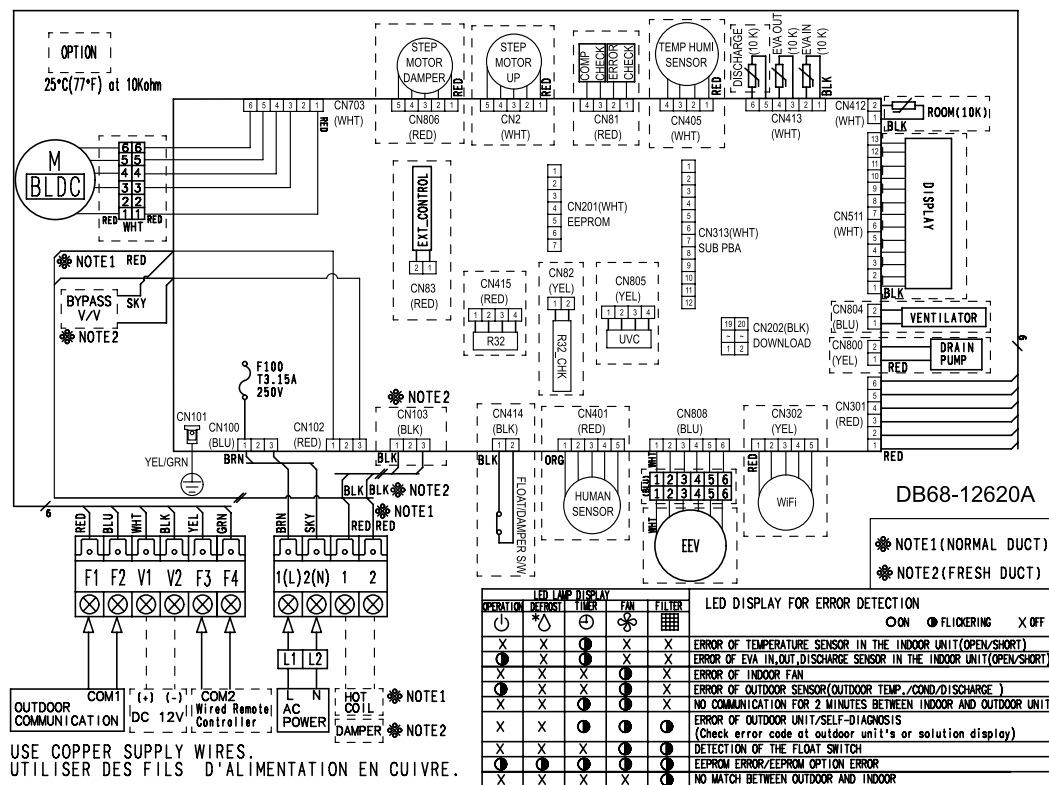
NOTE

- This wiring diagram applies only to the Indoor unit.
- Symbols show as follow :
blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue: grn: green
- For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
- ⏏ Protective earth(screw), □□□□ : connector, $\frac{N}{\times}$: The wire quantity

7. Electrical Wiring Diagram

7-2. Indoor units

CNG09LDD (AC009DNLDCG/AA), CNG12LDD (AC012DNLDCG/AA), CNG18LDD (AC018DNLDCG/AA)



SUB PBA	SUB PBA for wired remote control communication	ROOM(10K)	Thermistor - Indoor Room	EEV	Electronic Expansion Valve
M-BLDC	Motor for Indoor Fan	EVA IN(10K)	Thermistor - IDU heat exchanger In	F100	Fuse
DISPLAY	Panel LED display	EVA OUT(10K)	Thermistor - IDU heat exchanger Out	EEPROM	EEPROM SUB PBA
ERROR CHECK	Contact output port for error check	VENTILATOR	Contact output port for Ventilator control		
COMP CHECK	Contact output port for compressor operation check	EXT_CONTROL	Input port for external contact control		

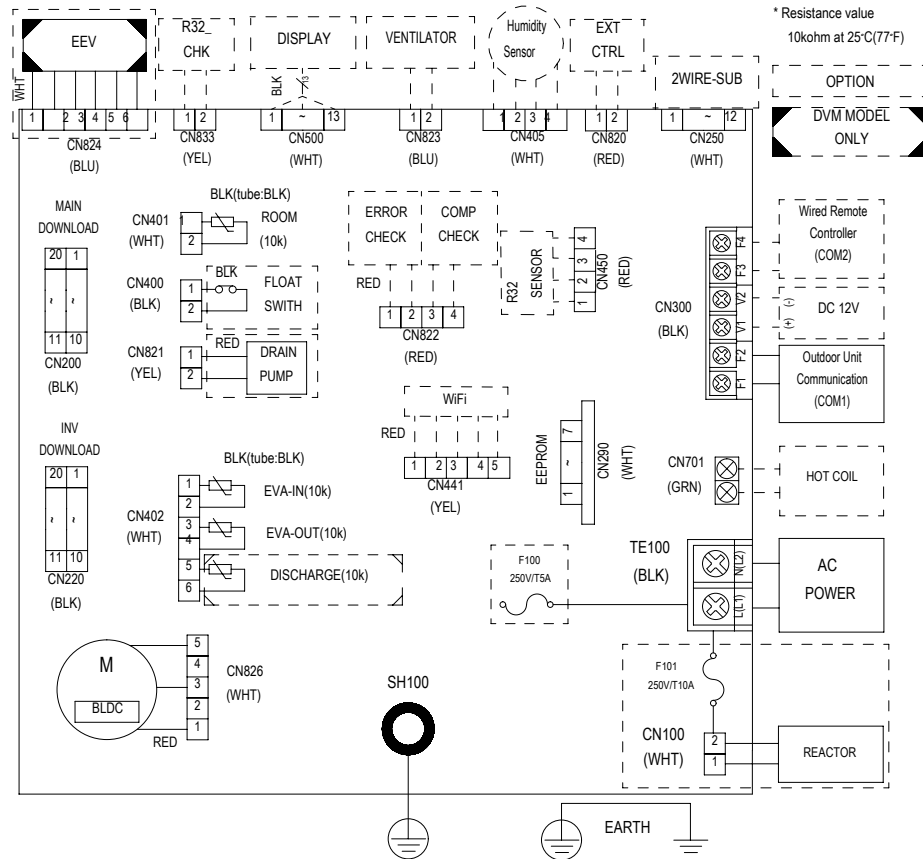
NOTE

- This wiring diagram applies only to the Indoor unit.
- Symbols show as follow :
 blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue: grn: green
- For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
- ⏏ Protective earth(screw), □ : connector, $\frac{N}{\text{wire}}$: The wire quantity

7. Electrical Wiring Diagram

7-2. Indoor units

JNG09HDD (AJ009DNHDCG/AA), JNG12HDD (AJ012DNHDCG/AA), JNG15HDD (AJ015DNHDCG/AA)
JNG18HDD (AJ018DNHDCG/AA)



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

2WIRE-SUB	SUB PBA for wired remote control communication	ROOM(10K)	Thermistor - Indoor Room	EEV	Electronic Expansion Valve
F100, F101	Fuse	EVA IN(10K)	Thermistor - IDU heat exchanger In	ERROR CHECK	Contact output port for error check
M-BLDC	Motor for Indoor Fan	EVA OUT(10K)	Thermistor - IDU heat exchanger Out	COMP CHECK	Contact output port for compressor operation check
DISPLAY	Panel LED display	EEPROM	EEPROM SUB PBA		
EXT CTRL	Input port for external contact control	VENTILATOR	Contact output port for Ventilator control		

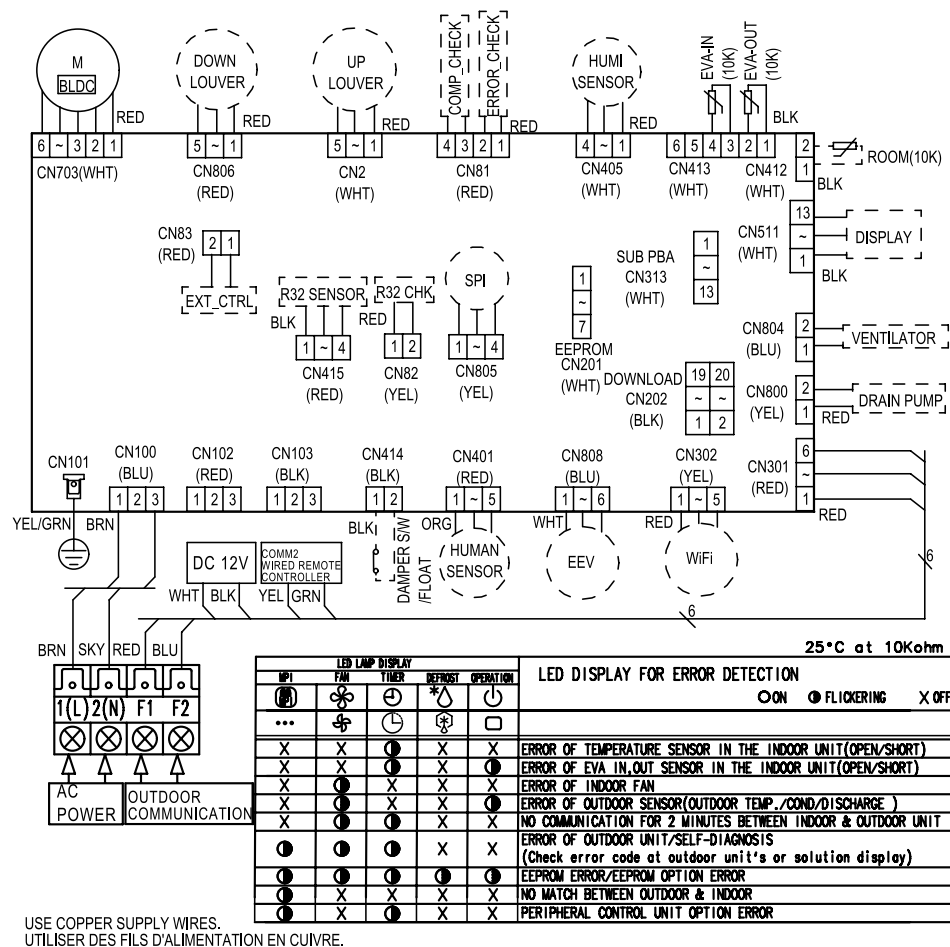
NOTE

- This wiring diagram applies only to the Indoor unit.
- Symbols show as follow :
blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue: grn: green
- For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
- ⊕ Protective earth(screw), □□□□ : connector, $\frac{N}{\times}$: The wire quantity

7. Electrical Wiring Diagram

7-2. Indoor units

CNG09JDD (AC009DNJDCG/AA), CNG12JDD (AC012DNJDCG/AA), CNG15JDD (AC015DNJDCG/AA)
CNG18JDD (AC018DNJDCG/AA)



SUB PBA	SUB PBA for wired remote control communication	ROOM(10K)	Thermistor - Indoor Room	EEV	Electronic Expansion Valve
COMP CHECK	Contact output port for compressor operation check	EVA IN(10K)	Thermistor - IDU heat exchanger In	F100	Fuse
ERROR CHECK	Contact output port for error check	EVA OUT(10K)	Thermistor - IDU heat exchanger Out	EEPROM	EEPROM SUB PBA
R32 SENSOR	R32 Gas sensor	EXTERNAL CTRL	Input port for external contact control	M-BLDC	Motor for Indoor Fan
R32 CHECK	Contact output port for R32 Gas check	VENTILATOR	Contact output port for Ventilator control	DISPLAY	Panel LED display

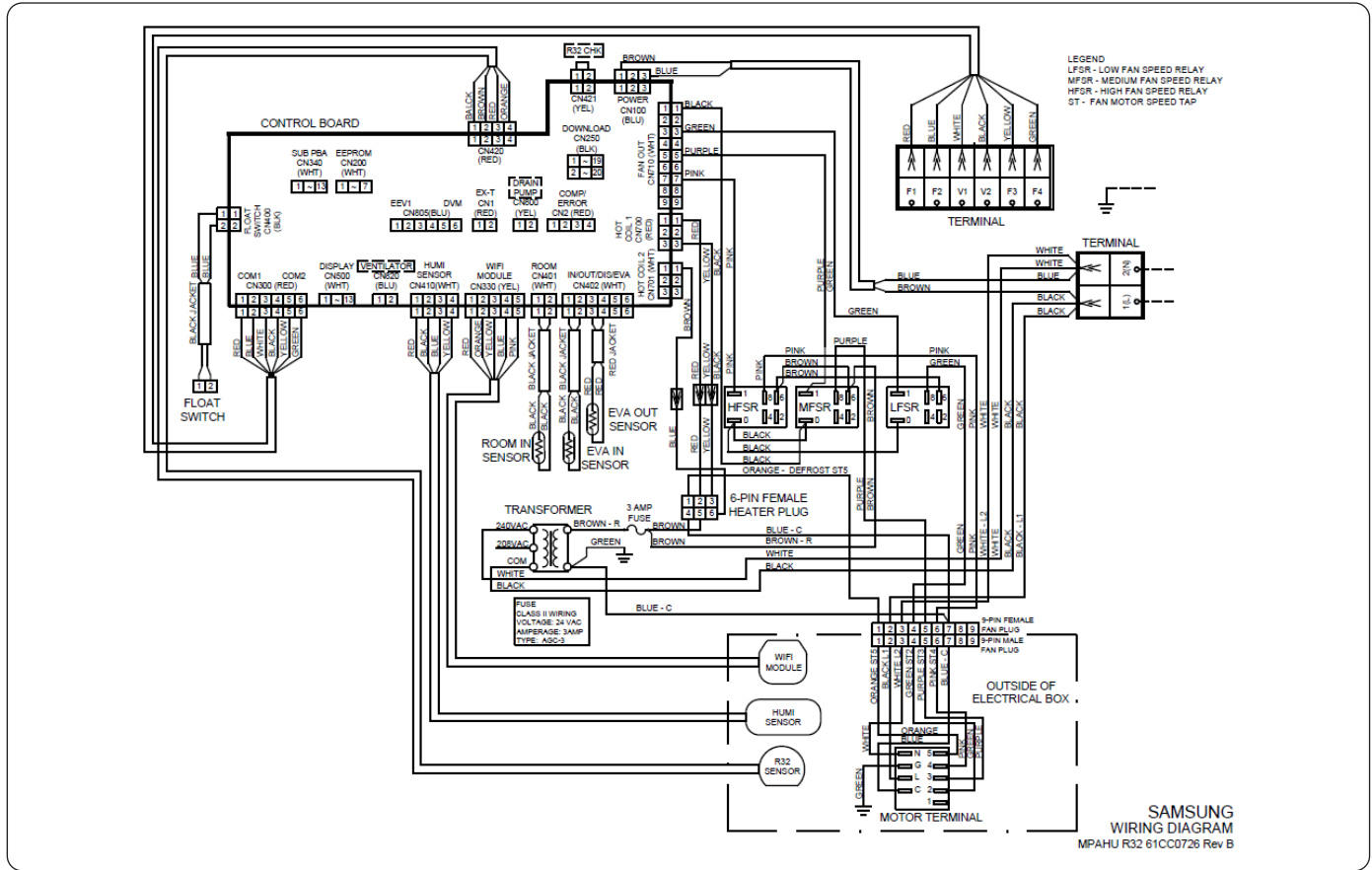
NOTE

- This wiring diagram applies only to the Indoor unit.
- Symbols show as follow :
blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue: grn: green
- For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
- ⏏ Protective earth(screw), □□□□ : connector, $\frac{1}{2}$: The wire quantity

7. Electrical Wiring Diagram

7-2. Indoor units

JNG12ZDD (AJ012DNZDCG/AA), JNG18ZDD (AJ018DNZDCG/AA), JNG24ZDD (AJ024DNZDCG/AA)



EEV 6-PIN FEMALE HEATER PLUG	Electronic Expansion Valve Intermediate connection connector connected to the heater	ROOM IN SENSOR	Thermistor - Indoor Room	R32 SENSOR	R32 Gas sensor
FAN OUT	Connector connected to indoor fan	EVA IN SENSOR	Thermistor - IDU heat exchanger In	EX-T	Input port for external contact control
		EVA OUT SENSOR	Thermistor - IDU heat exchanger Out	COMP/ERROR	Contact output port for compressor operation/error check

NOTE

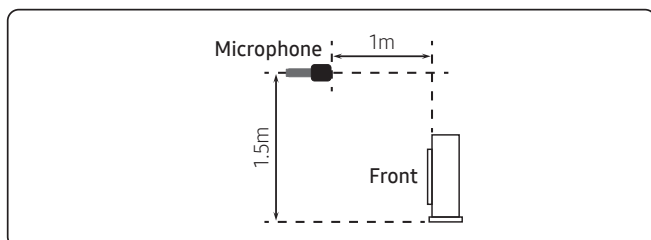
- This wiring diagram applies only to the indoor unit.
- Colors BLK : black, BRN : brown, SKY-BLU : sky-blue, GRN/YEL : green/yellow, RED : red, YEL : yellow, ORG : orange, BLU : blue, WHT:white
- Indoor to outdoor unit communication wire: F1/F2. Indoor unit to wired controller communication wire: F3/F4. Refer to the indoor unit installation manual for full details.
- ⚡ Protective earth(screw)

8. Sound Data

8-1. Outdoor unit

Sound Pressure level

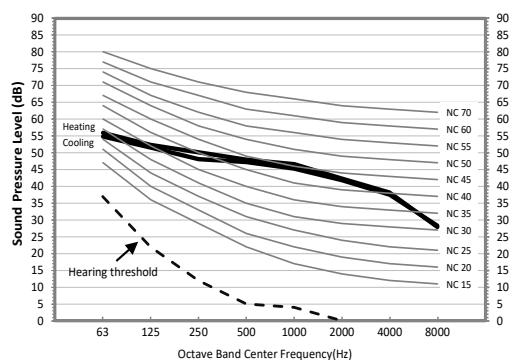
Unit : dB(A)



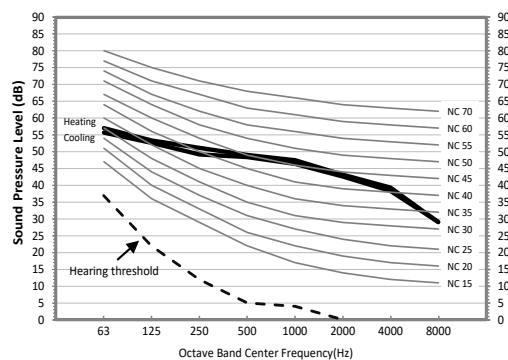
Model	Cooling	Heating
JXG20S3D (AJ020DXS3CG/AA)	50	51
JXG24S4D (AJ024DXS4CG/AA)	51	52
JXG30S4D (AJ030DXS4CG/AA)	52	53
JXG36S4D (AJ036DXS4CG/AA)	52	53

NC Curve

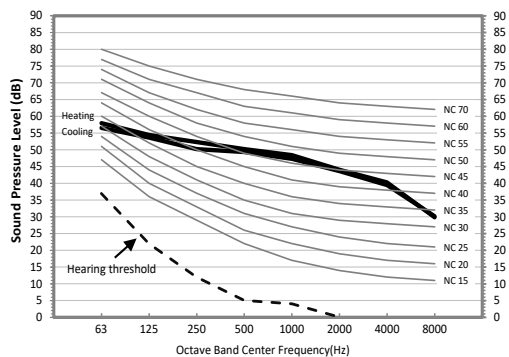
1) JXG20S3D (AJ020DXS3CG/AA)



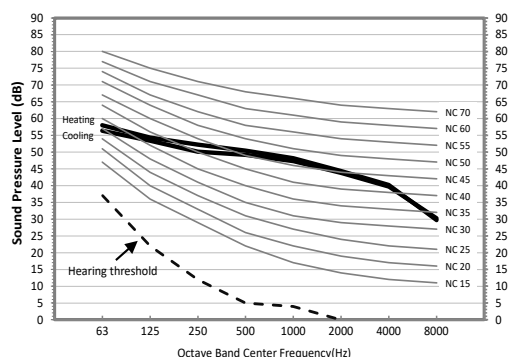
2) JXG24S4D (AJ024DXS4CG/AA)



3) JXG30S4D (AJ030DXS4CG/AA)



4) JXG36S4D (AJ036DXS4CG/AA)



NOTE

- Sound Pressure Level
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dB(A) = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa

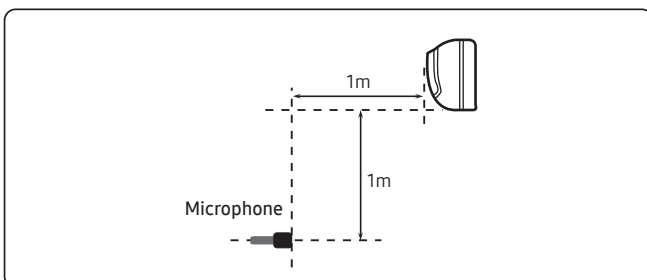
8. Sound Data

8-2. Indoor units

Sound Pressure level

WindFree™ Premium

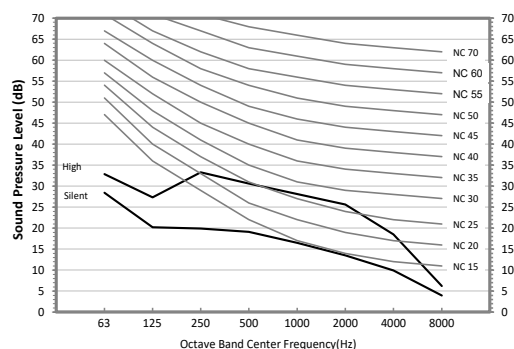
Unit : dB(A)



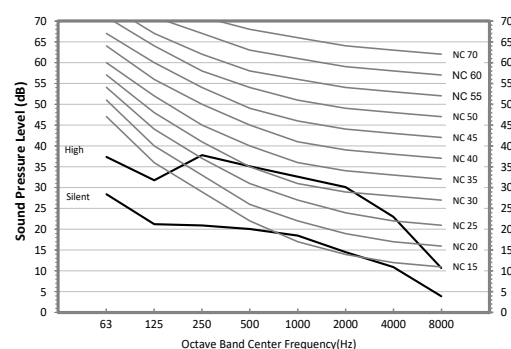
Model	High	Silent
RNX07AFD (AR07DXDAFWKNCV)	34	22
RNX09ABD (AR09DXDABWKNCV)	38	23
RNX12ABD (AR12DXDABWKNCV)	39	23
RNX15AFD (AR15DXDAFWKNCV)	40	23

• NC Curve

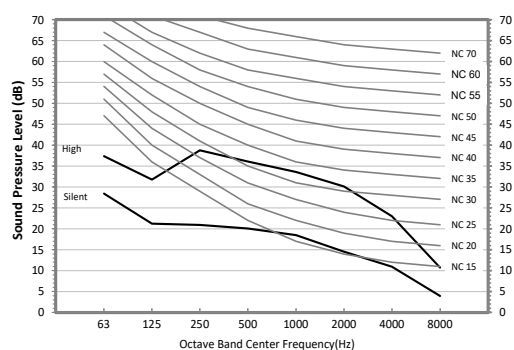
1) RNX07AFD (AR07DXDAFWKNCV)



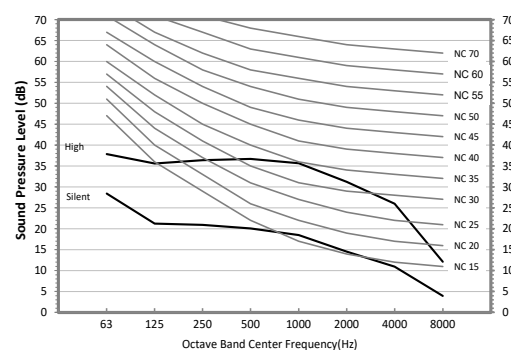
2) RNX09ABD (AR09DXDABWKNCV)



3) RNX12ABD (AR12DXDABWKNCV)



4) RNX15AFD (AR15DXDAFWKNCV)



* The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree mode.

Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

NOTE

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

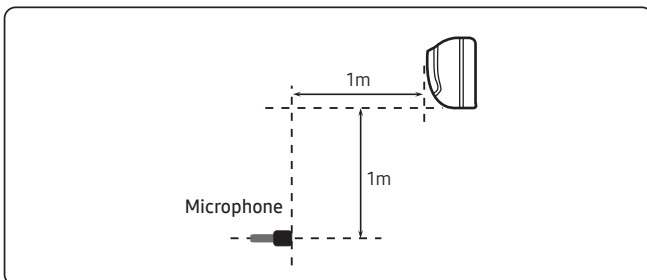
8. Sound Data

8-2. Indoor units

Sound Pressure level

WindFree™ Premium

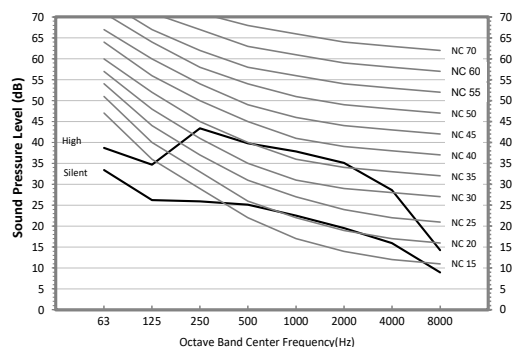
Unit : dB(A)



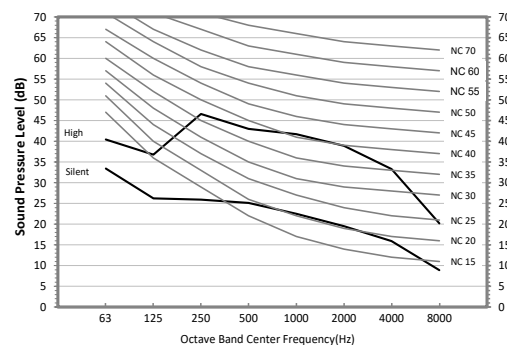
Model	High	Silent
RNX18ABD (AR18DXDABWKNCV)	42	28
RNX24ABD (AR24DXDABWKNCV)	47	28

• NC Curve

1) RNX18ABD (AR18DXDABWKNCV)



2) RNX24ABD (AR24DXDABWKNCV)



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 - Reference acoustic pressure 0 dB = 20μPa

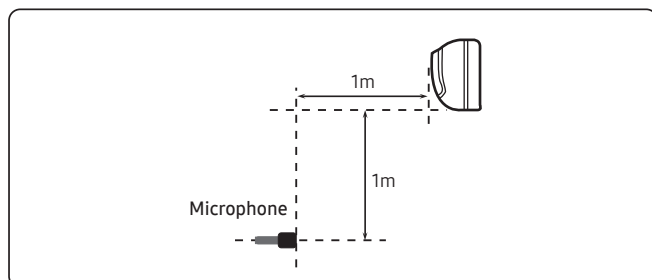
8. Sound Data

8-2. Indoor units

Sound Pressure level

WindFree™ Standard

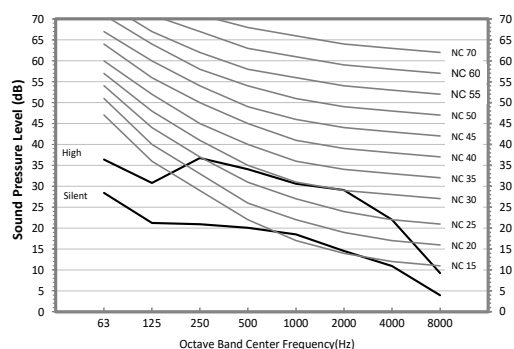
Unit : dB(A)



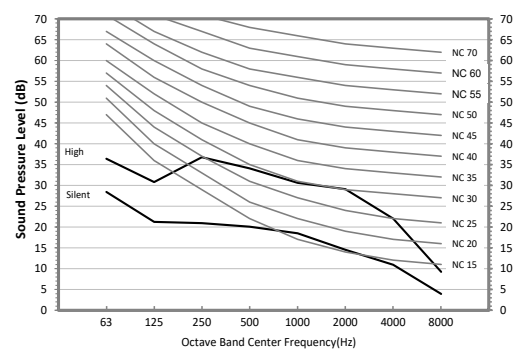
Model	High	Silent
RNX07AMD (AR07DXFAMWKNCV)	37	23
RNX09AMD (AR09DXFAMWKNCV)	37	23
RNX12AMD (AR12DXFAMWKNCV)	38	23
RNX15AMD (AR15DXFAMWKNCV)	41	30

• NC Curve

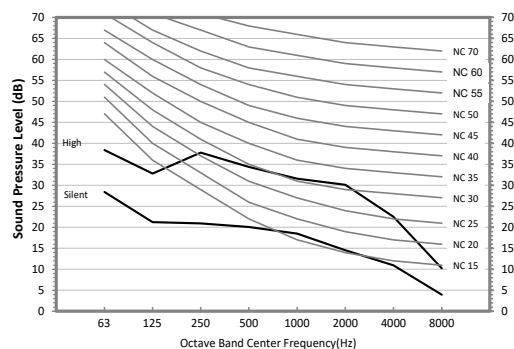
1) RNX07AMD (AR07DXFAMWKNCV)



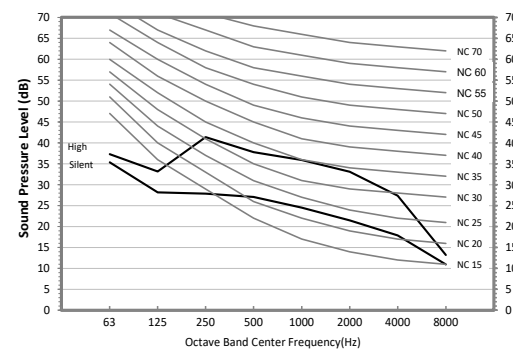
2) RNX09AMD (AR09DXFAMWKNCV)



3) RNX12AMD (AR12DXFAMWKNCV)



4) RNX15AMD (AR15DXFAMWKNCV)



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 - Sound pressure level may differ depending on operation condition.
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 - Reference acoustic pressure 0 dB = 20μPa

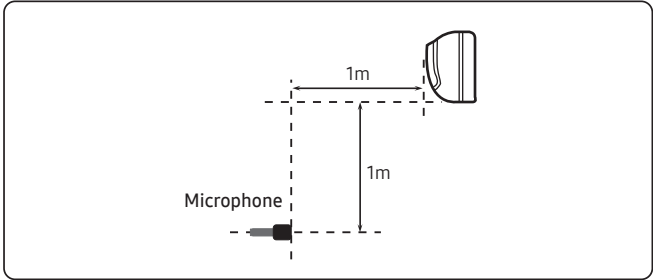
8. Sound Data

8-2. Indoor units

Sound Pressure level

WindFree™ Standard

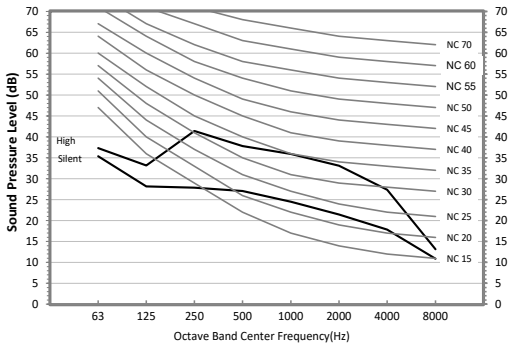
Unit : dB(A)



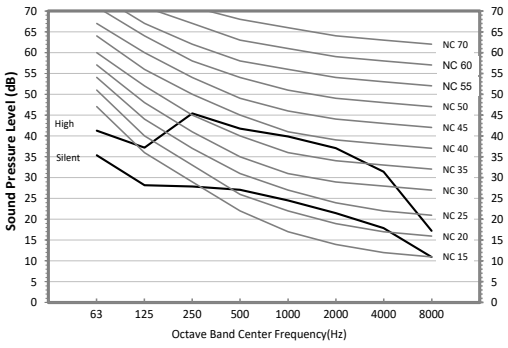
Model	High	Silent
RNX18AMD (AR18DXFAMWKNCV)	41	30
RNX24AMD (AR24DXFAMWKNCV)	45	30

- NC Curve

1) RNX18AMD (AR18DXFAMWKNCV)



2) RNX24AMD (AR24DXFAMWKNCV)



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 - Sound pressure level may differ depending on operation condition.
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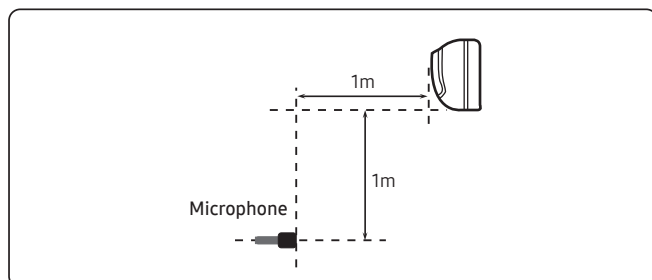
8. Sound Data

8-2. Indoor units

Sound Pressure level

WindFree™ IAQ

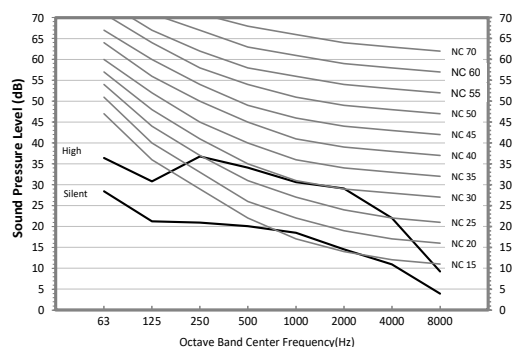
Unit : dB(A)



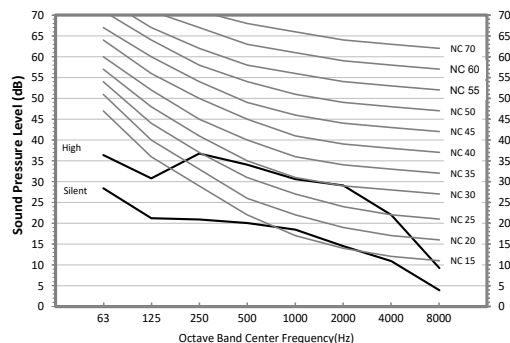
Model	High	Silent
RNX07CPD (AR07DXKAPWKNCV)	37	23
RNX09CPD (AR09DXKAPWKNCV)	37	23
RNX12CPD (AR12DXKAPWKNCV)	38	23
RNX15CPD (AR15DXKAPWKNCV)	41	30

• NC Curve

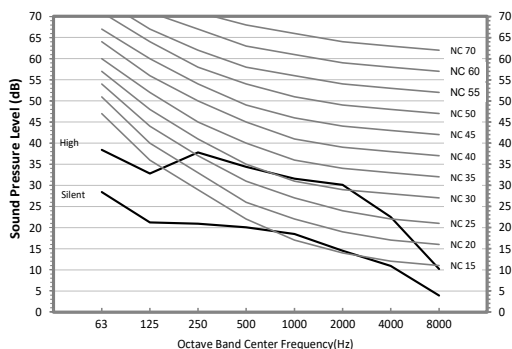
1) RNX07CPD (AR07DXKAPWKNCV)



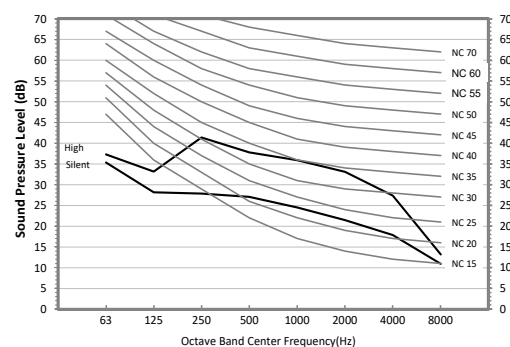
2) RNX09CPD (AR09DXKAPWKNCV)



3) RNX12CPD (AR12DXKAPWKNCV)



4) RNX15CPD (AR15DXKAPWKNCV)



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NOTE

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 - Sound pressure level may differ depending on operation condition.
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 - Reference acoustic pressure 0 dB = 20μPa

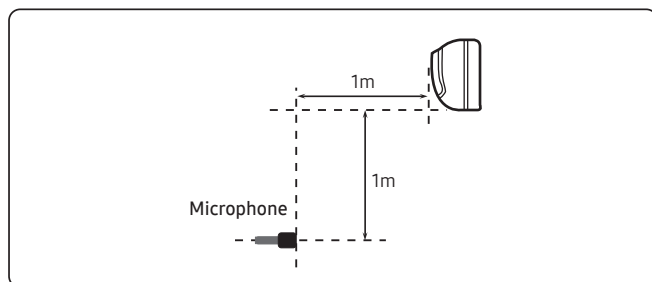
8. Sound Data

8-2. Indoor units

Sound Pressure level

WindFree™ IAQ

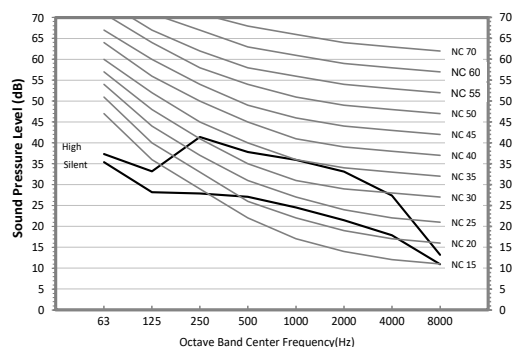
Unit : dB(A)



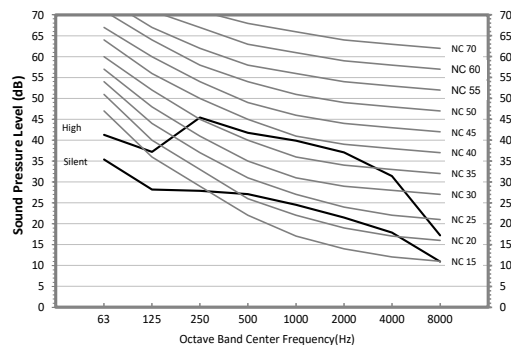
Model	High	Silent
RNX18CPD (AR18DXKAPWKNCV)	41	30
RNX24CPD (AR24DXKAPWKNCV)	45	30

• NC Curve

1) RNX18CPD (AR18DXKAPWKNCV)



2) RNX24CPD (AR24DXKAPWKNCV)



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 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa

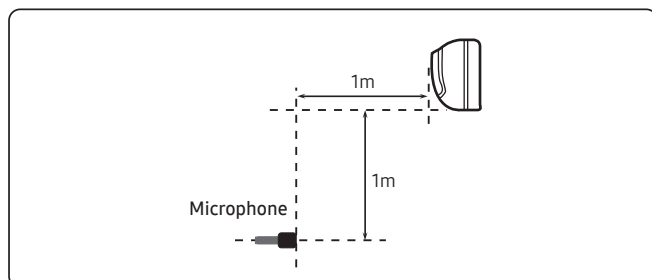
8. Sound Data

8-2. Indoor units

Sound Pressure level

WindFree™ Standard + RDS

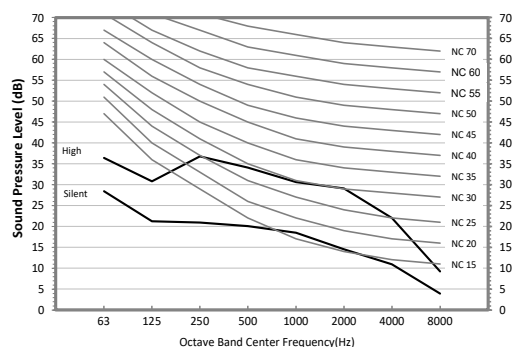
Unit : dB(A)



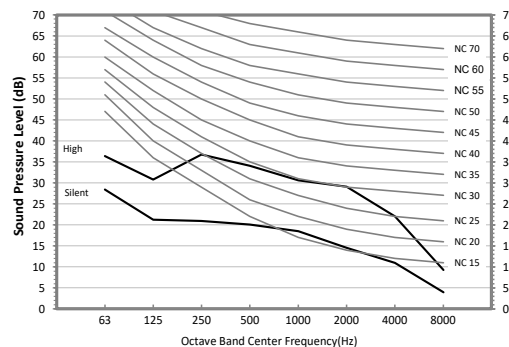
Model	High	Silent
JNG07ADD (AJ007DNADCG/AA)	37	23
JNG09ADD (AJ009DNADCG/AA)	37	23
JNG12ADD (AJ012DNADCG/AA)	38	23
JNG15ADD (AJ015DNADCG/AA)	41	30

• NC Curve

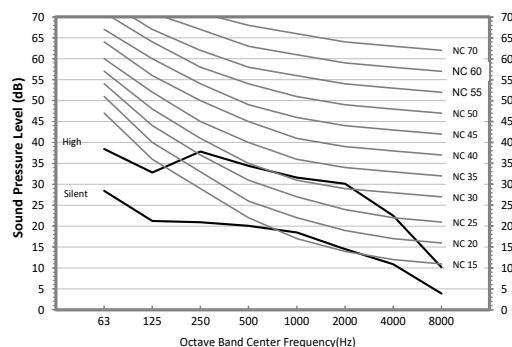
1) JNG07ADD (AJ007DNADCG/AA)



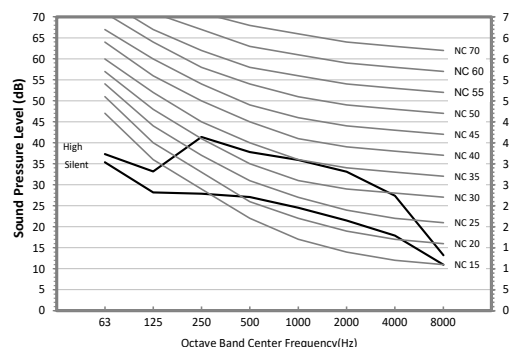
2) JNG09ADD (AJ009DNADCG/AA)



3) JNG12ADD (AJ012DNADCG/AA)



4) JNG15ADD (AJ015DNADCG/AA)



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Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

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 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa

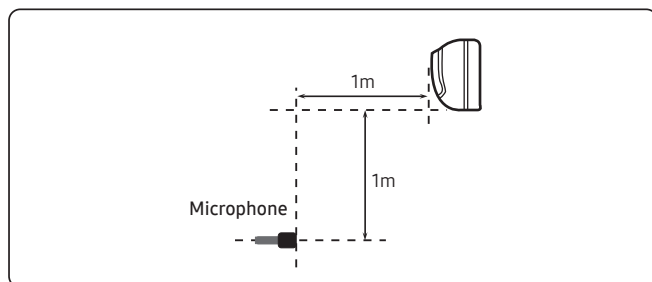
8. Sound Data

8-2. Indoor units

Sound Pressure level

WindFree™ Standard + RDS

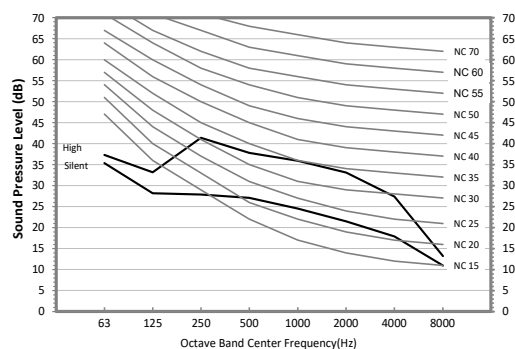
Unit : dB(A)



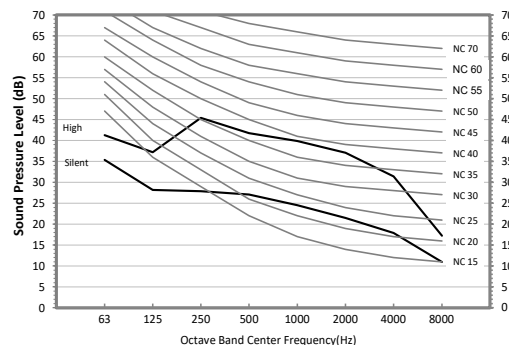
Model	High	Silent
JNG18ADD (AJ018DNADCG/AA)	41	30
JNG24ADD (AJ024DNADCG/AA)	45	30

• NC Curve

1) JNG18ADD (AJ018DNADCG/AA)



2) JNG24ADD (AJ024DNADCG/AA)



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 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa

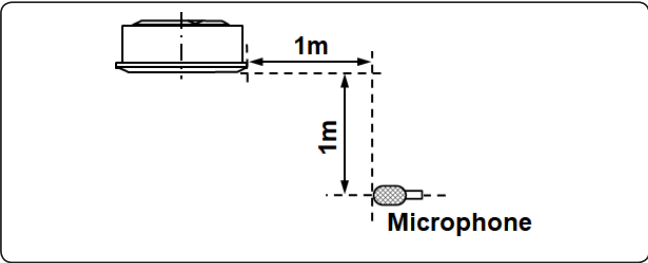
8. Sound Data

8-2. Indoor units

Sound Pressure level

WindFree™ 1Way Cassette

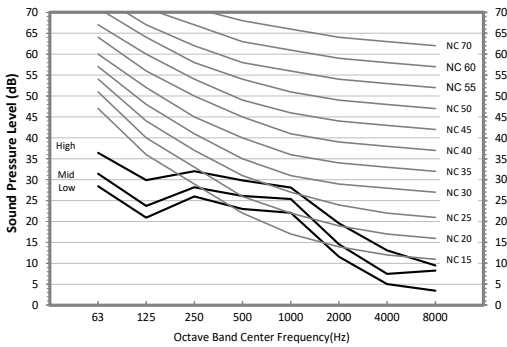
Unit: dB(A)



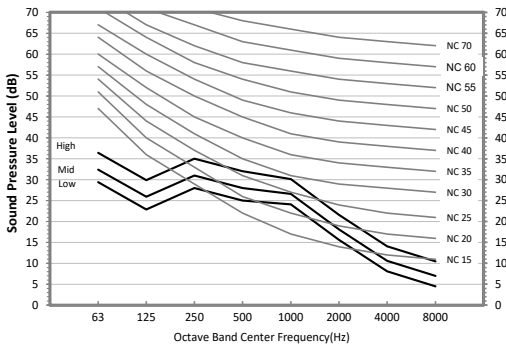
Model	High	Mid	Low
CNG091DD (AC009DN1DCG/AA)	32	29	26
CNG121DD (AC012DN1DCG/AA)	35	32	29

- NC Curve

1) CNG091DD (AC009DN1DCG/AA)



2) CNG121DD (AC012DN1DCG/AA)



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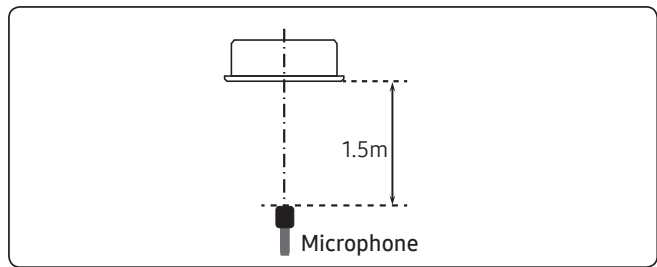
8. Sound Data

8-2. Indoor units

Sound Pressure level

WindFree™ 4Way Cassette (2x2)

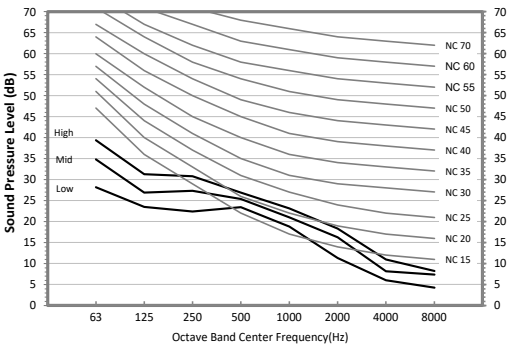
Unit: dB(A)



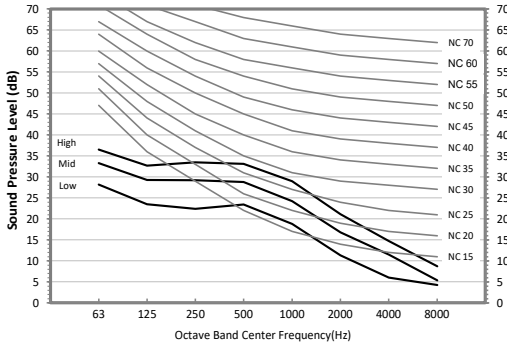
Model	High	Mid	Low
CNG09NDD (AC009DNND CG/AA)	31	28	25
CNG12NDD (AC012DNND CG/AA)	34	30	25
CNG18NDD (AC018DNND CG/AA)	39	34	29

• NC Curve

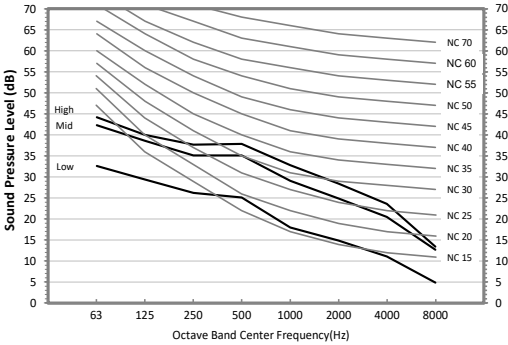
1) CNG09NDD (AC009DNND CG/AA)



2) CNG12NDD (AC012DNND CG/AA)



3) CNG18NDD (AC018DNND CG/AA)



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 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted sound pressure level
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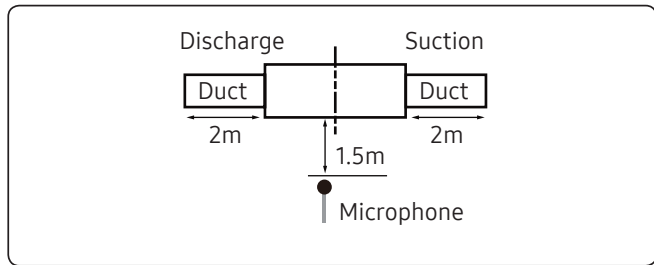
8. Sound Data

8-2. Indoor units

Sound Pressure level

Slim Duct

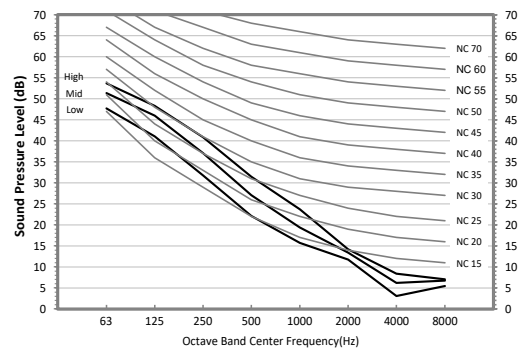
Unit: dB(A)



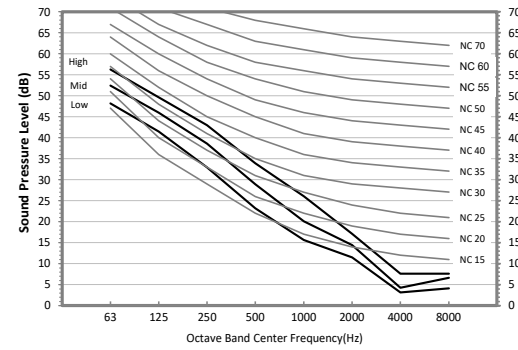
Model	High	Mid	Low
CNG09LDD (AC009DNLDCG/AA)	33	30	26
CNG12LDD (AC012DNLDCG/AA)	34	31	27
CNG18LDD (AC018DNLDCG/AA)	35	32	28

NC Curve

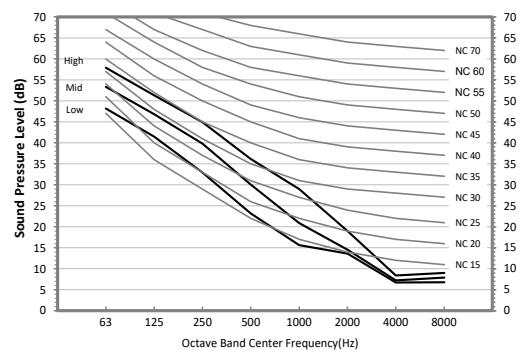
1) CNG09LDD (AC009DNLDCG/AA)



2) CNG12LDD (AC012DNLDCG/AA)



3) CNG18LDD (AC018DNLDCG/AA)



NOTE

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

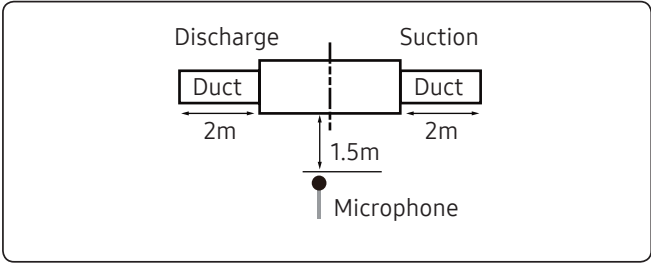
8. Sound Data

8-2. Indoor units

Sound Pressure level

Duct S

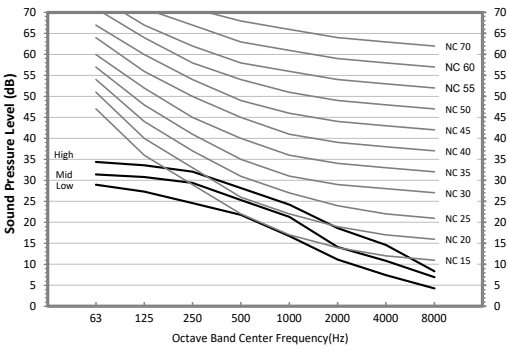
Unit: dB(A)



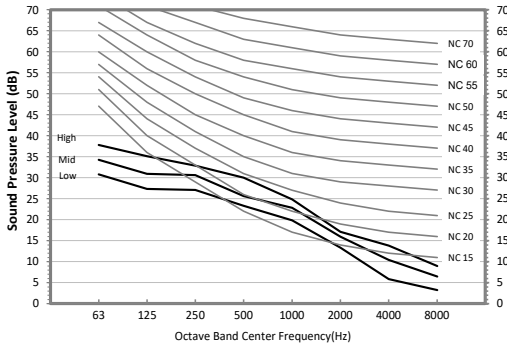
Model	High	Mid	Low
JNG09HDD (AJ009DNHDCG/AA)	30	27	23
JNG12HDD (AJ012DNHDCG/AA)	31	28	25
JNG15HDD (AJ015DNHDCG/AA)	33	29	25
JNG18HDD (AJ018DNHDCG/AA)	40	36	32

• NC Curve

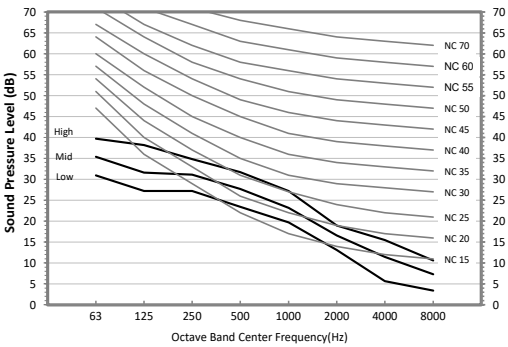
1) JNG09HDD (AJ009DNHDCG/AA)



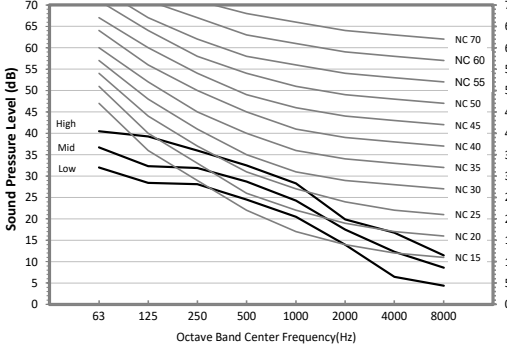
2) JNG12HDD (AJ012DNHDCG/AA)



3) JNG15HDD (AJ015DNHDCG/AA)



4) JNG18HDD (AJ018DNHDCG/AA)



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 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa

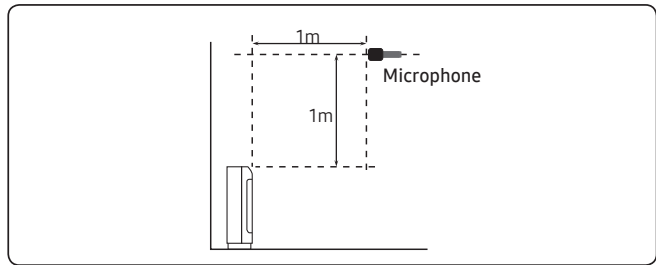
8. Sound Data

8-2. Indoor units

Sound Pressure level

Console

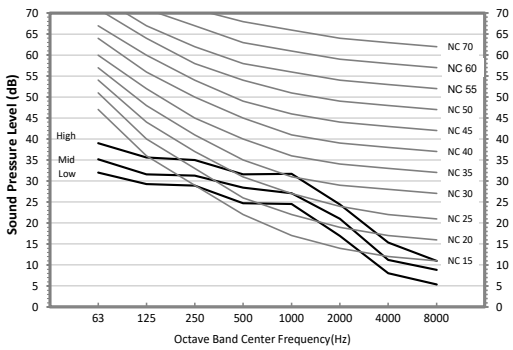
Unit: dB(A)



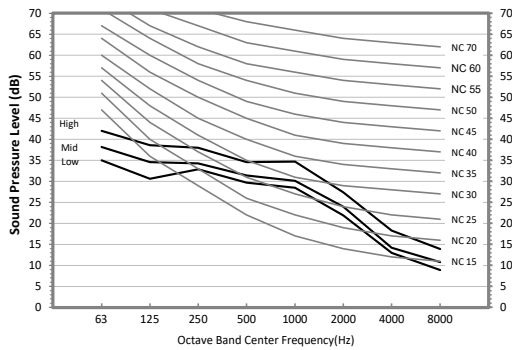
Model	High	Mid	Low
CNG09JDD (AC009DNJDCG/AA)	35	31	29
CNG12JDD (AC012DNJDCG/AA)	38	35	33
CNG15JDD (AC015DNJDCG/AA)	42	39	35
CNG18JDD (AC018DNJDCG/AA)	43	39	35

NC Curve

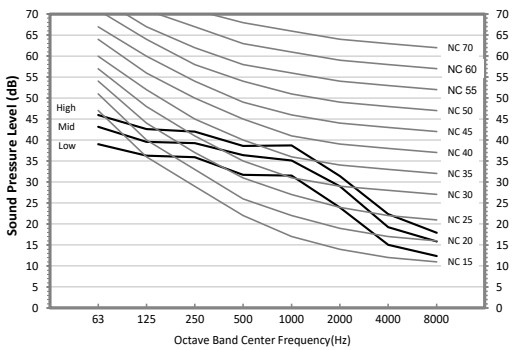
1) CNG09JDD (AC009DNJDCG/AA)



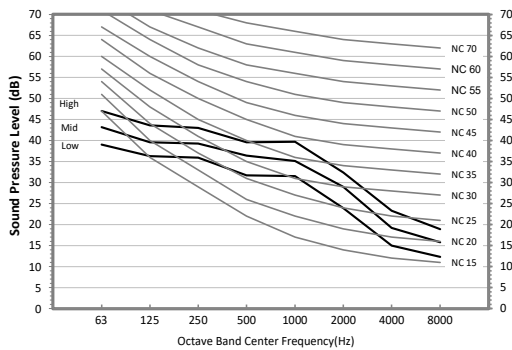
2) CNG12JDD (AC012DNJDCG/AA)



3) CNG15JDD (AC015DNJDCG/AA)



4) CNG18JDD (AC018DNJDCG/AA)



NOTE

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 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa

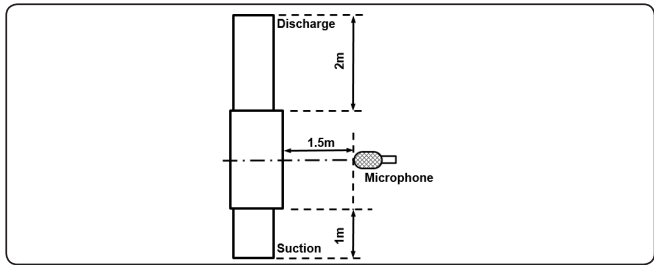
8. Sound Data

8-2. Indoor units

Sound Pressure level

Multi Position AHU

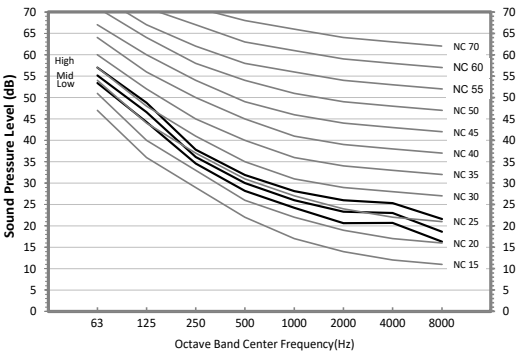
Unit: dB(A)



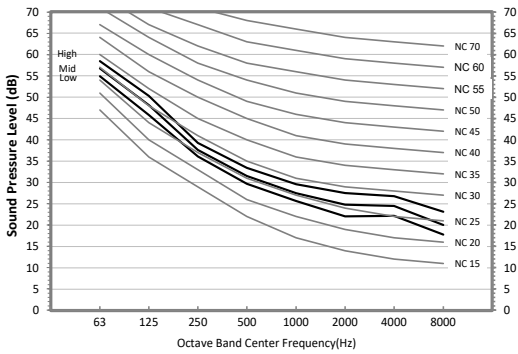
Model	High	Mid	Low
JNG12ZDD (AJ012DNZDCG/AA)	36	34	32
JNG18ZDD (AJ018DNZDCG/AA)	40	37	34
JNG24ZDD (AJ024DNZDCG/AA)	43	40	37

• NC Curve

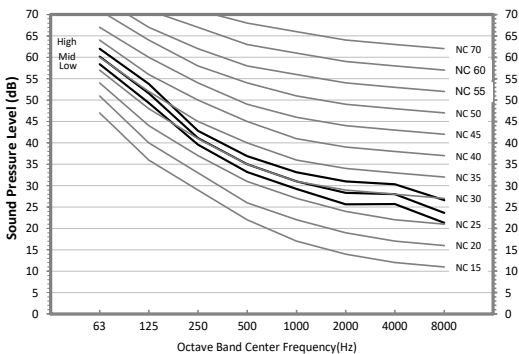
1) JNG12ZDD (AJ012DNZDCG/AA)



2) JNG18ZDD (AJ018DNZDCG/AA)



3) JNG24ZDD (AJ024DNZDCG/AA)



NOTE

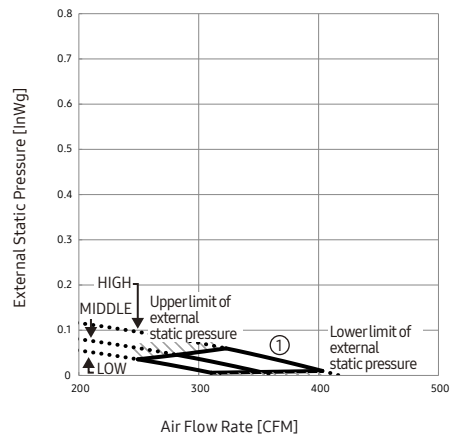
- Specifications may be subject to change without prior notice.
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted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

9. Fan Characteristics (PQ curve)

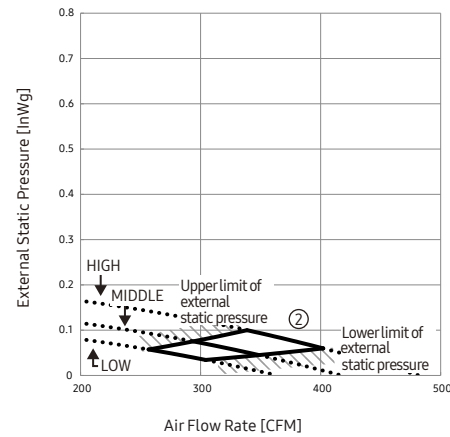
9-1. Indoor units

CNG09LDD (AC009DNLDCG/AA)

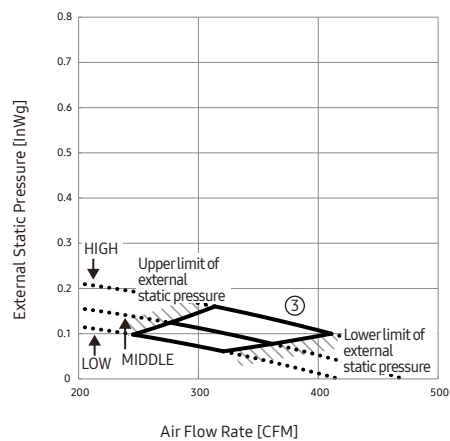
①	External Static Pressure(inWg)	Option Code
	0.01≤P<0.06	01C3FC-1C543A-271A23-372000



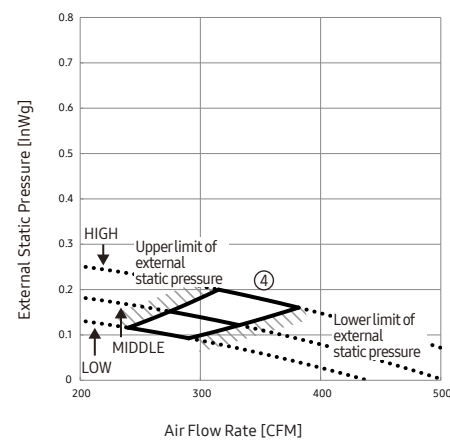
②	External Static Pressure(inWg)	Option Code
	0.06 < P ≤ 0.1	01C3FC-1C549E-271A23-372000



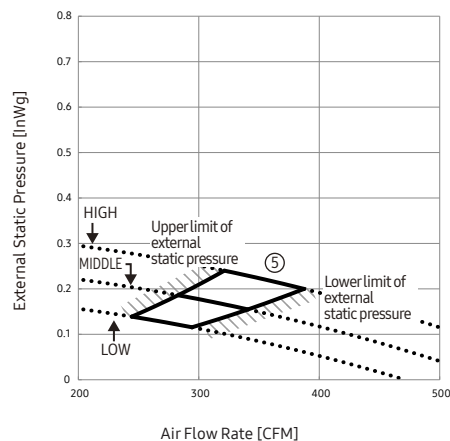
③	External Static Pressure(inWg)	Option Code
	0.1 < P ≤ 0.16	01C3FC-1C55E3-271A23-372000



④	External Static Pressure(inWg)	Option Code
	0.16 < P ≤ 0.2	01C3FC-1C5925-271A23-372000



⑤	External Static Pressure(inWg)	Option Code
	0.2 < P ≤ 0.24	01C3FC-1C5968-271A23-372000

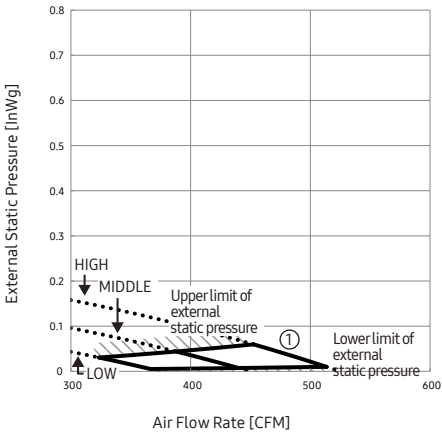


9. Fan Characteristics (PQ curve)

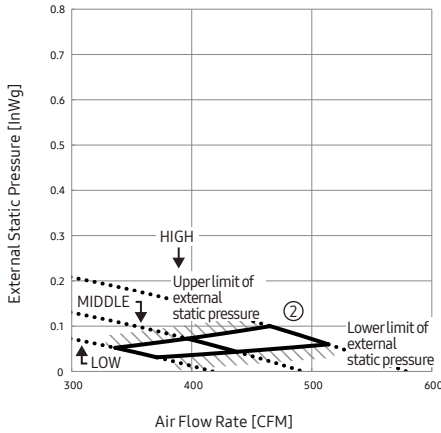
9-1. Indoor units

CNG12LDD (AC012DNLD CG/AA)

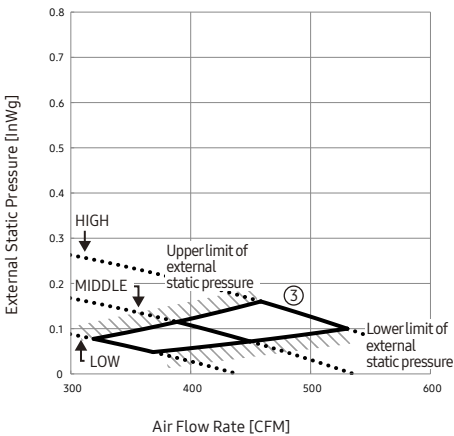
①	External Static Pressure(inWg)	Option Code
	0.01≤P<0.06	01C3FC-1C54DF-272328-372000



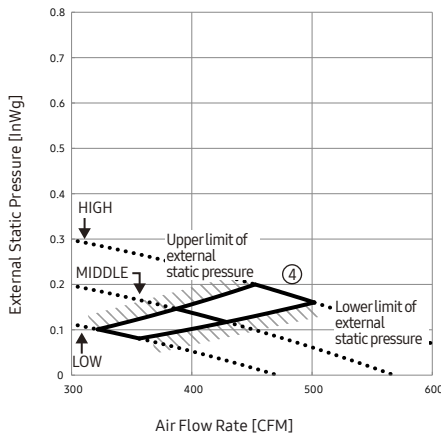
②	External Static Pressure(inWg)	Option Code
	0.06 < P≤0.1	01C3FC-1C5923-272328-372000



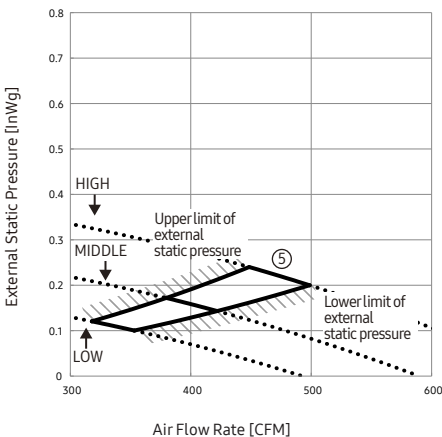
③	External Static Pressure(inWg)	Option Code
	0.1 < P≤0.16	01C3FC-1C5975-272328-372000



④	External Static Pressure(inWg)	Option Code
	0.16 < P≤0.2	01C3FC-1C59A8-272328-372000



⑤	External Static Pressure(inWg)	Option Code
	0.2 < P≤0.24	01C3FC-1C59DA-272328-372000

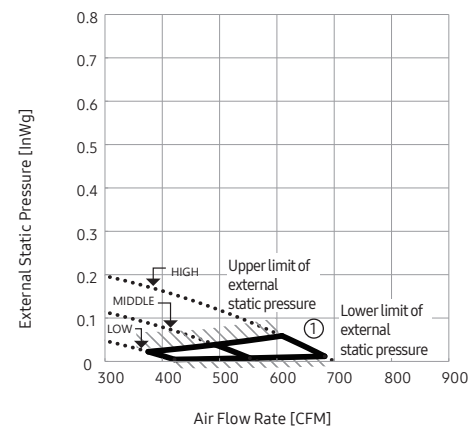


9. Fan Characteristics (PQ curve)

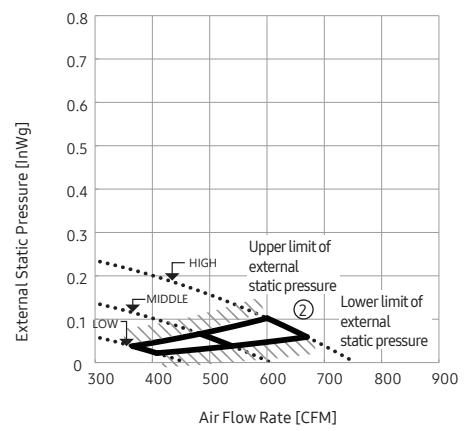
9-1. Indoor units

CNG18LDD (AC018DNLDCG/AA)

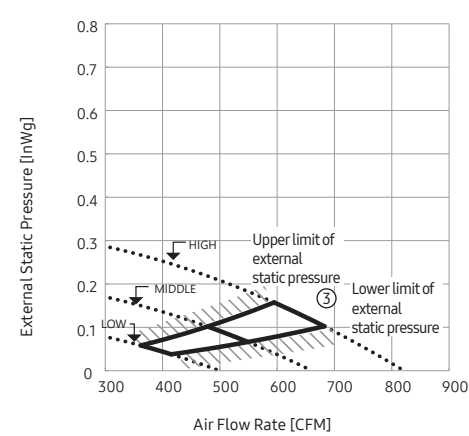
①	External Static Pressure(inWg)	Option Code
	$0.01 \leq P \leq 0.06$	01C3EC-1C54FB-23343C-372000



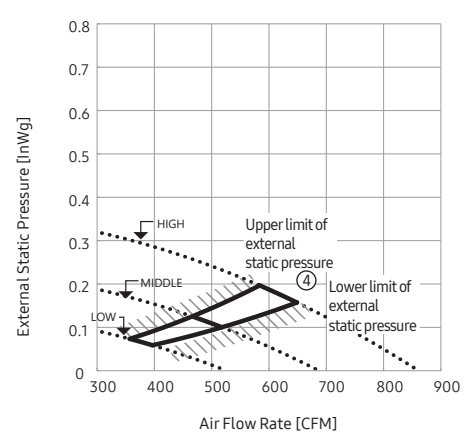
②	External Static Pressure(inWg)	Option Code
	$0.06 < P \leq 0.1$	01C3EC-1C583D-23343C-372000



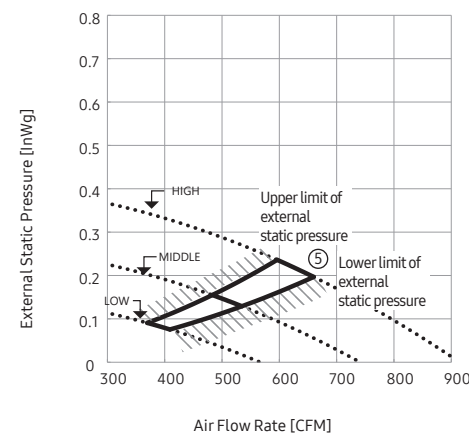
③	External Static Pressure(inWg)	Option Code
	$0.1 < P \leq 0.16$	01C3EC-1C5980-23343C-372000



④	External Static Pressure(inWg)	Option Code
	$0.16 < P \leq 0.20$	01C3EC-1C59B2-23343C-372000



⑤	External Static Pressure(inWg)	Option Code
	$0.20 < P \leq 0.24$	01C3EC-1C59F5-23343C-372000

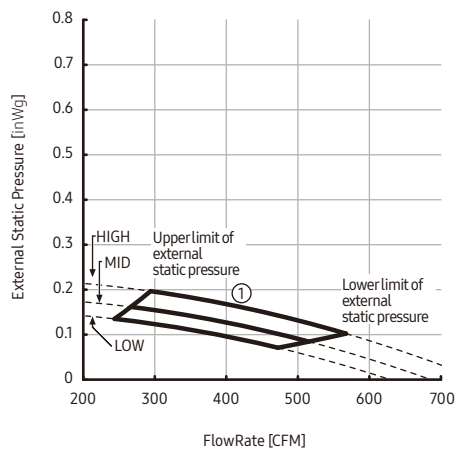


9. Fan Characteristics (PQ curve)

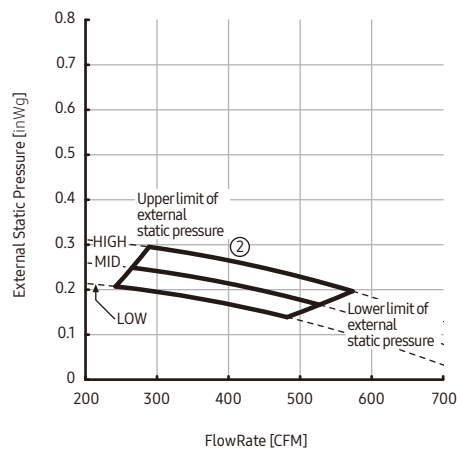
9-1. Indoor units

JNG09HDD (AJ009DNHDCG/AA)

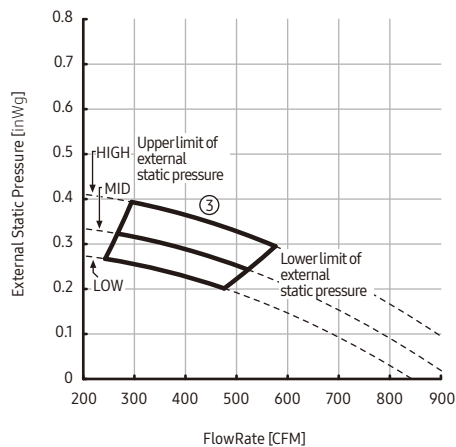
①	External Static Pressure(inWg)	Option Code
	$0.1 \leq P \leq 0.2$	01B3FC-1C50D3-271A23-370000



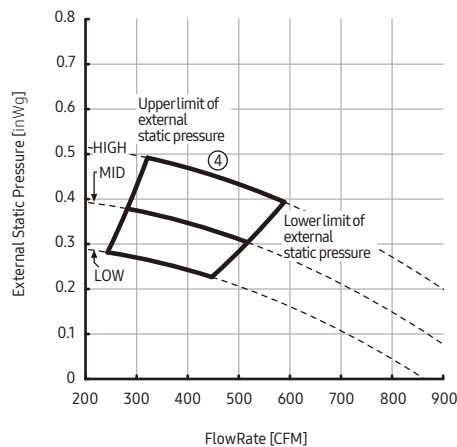
②	External Static Pressure(inWg)	Option Code
	$0.2 \leq P \leq 0.3$	01B3FC-1C5466-271A23-370000



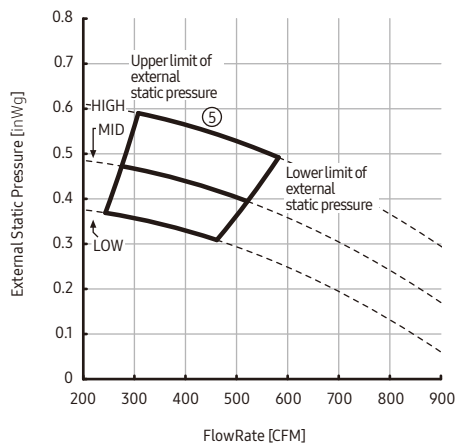
③	External Static Pressure(inWg)	Option Code
	$0.3 < P \leq 0.4$	01B3FC-1C54D9-271A23-370000



④	External Static Pressure(inWg)	Option Code
	$0.4 < P \leq 0.5$	01B3FC-1C582C-271A23-370000



⑤	External Static Pressure(inWg)	Option Code
	$0.5 < SP \leq 0.6$	001B3FC-1C5970-271A23-370000

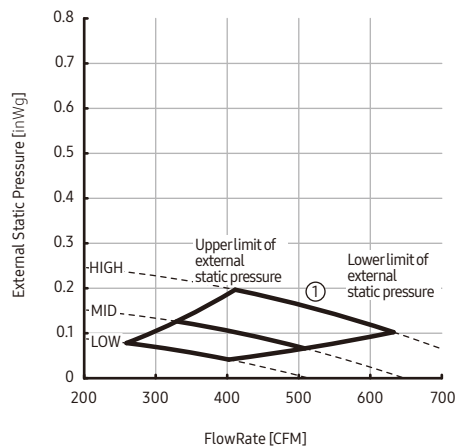


9. Fan Characteristics (PQ curve)

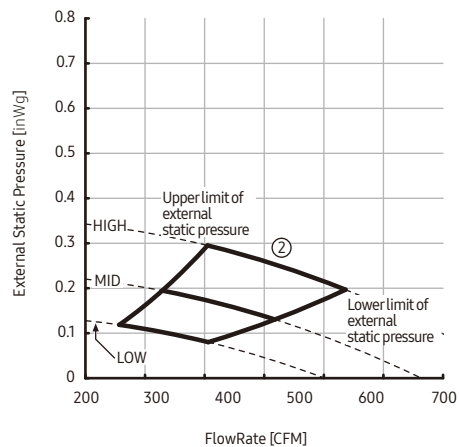
9-1. Indoor units

JNG12HDD (AJ012DNHDCG/AA)

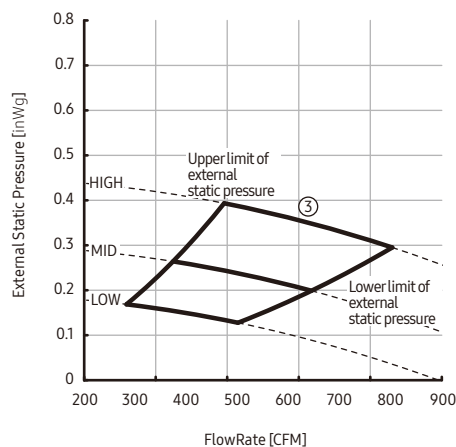
①	External Static Pressure(inWg)	Option Code
	$0.1 \leq P \leq 0.2$	01B3FC-1C5404-272328-370000



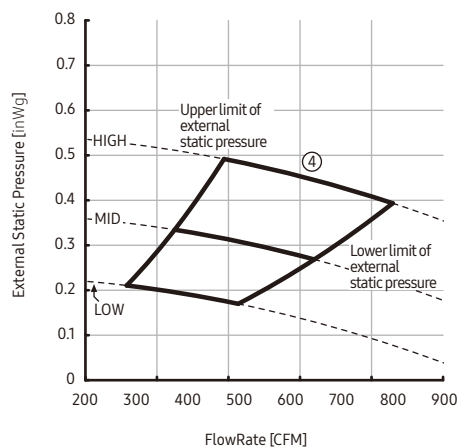
②	External Static Pressure(inWg)	Option Code
	$0.2 \leq P \leq 0.3$	01B3FC-1C5477-272328-370000



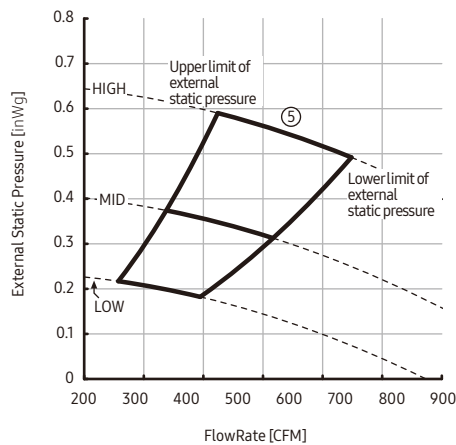
③	External Static Pressure(inWg)	Option Code
	$0.3 < P \leq 0.4$	01B3FC-1C54EA-272328-370000



④	External Static Pressure(inWg)	Option Code
	$0.4 < P \leq 0.5$	01B3FC-1C583D-272328-370000



⑤	External Static Pressure(inWg)	Option Code
	$0.5 < SP \leq 0.6$	01B3FC-1C5981-272328-370000

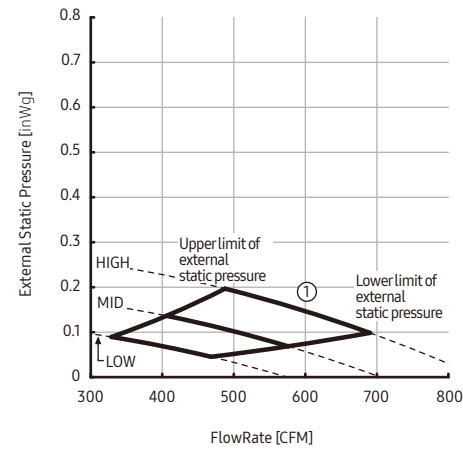


9. Fan Characteristics (PQ curve)

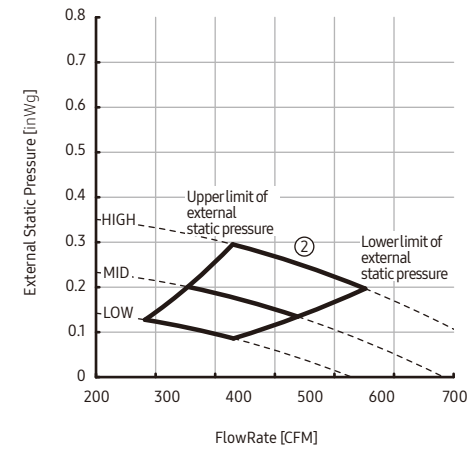
9-1. Indoor units

JNG15HDD (AJ015DNHDCG/AA)

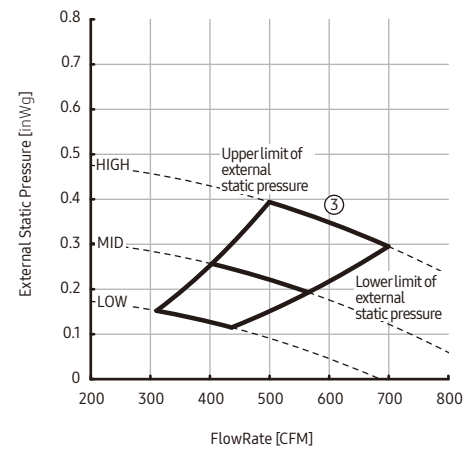
①	External Static Pressure(inWg)	Option Code
	$0.1 \leq P \leq 0.2$	01B3FC-1C5435-272C34-370000



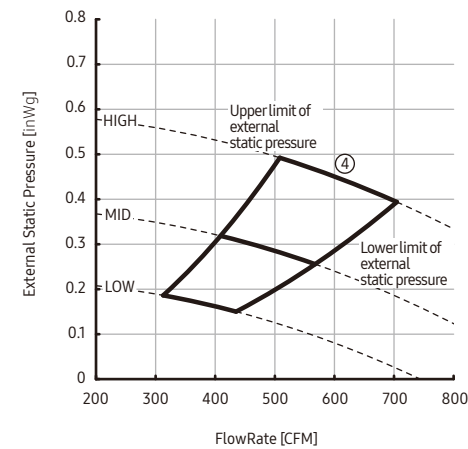
②	External Static Pressure(inWg)	Option Code
	$0.2 \leq P \leq 0.3$	01B3FC-1C5488-272C34-370000



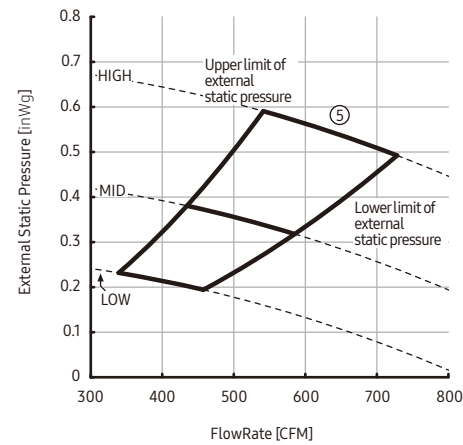
③	External Static Pressure(inWg)	Option Code
	$0.3 < P \leq 0.4$	01B3FC-1C54FB-272C34-370000



④	External Static Pressure(inWg)	Option Code
	$0.4 < P \leq 0.5$	01B3FC-1C584E-272C34-370000



⑤	External Static Pressure(inWg)	Option Code
	$0.5 < P \leq 0.6$	01B3FC-1C5992-272C34-370000

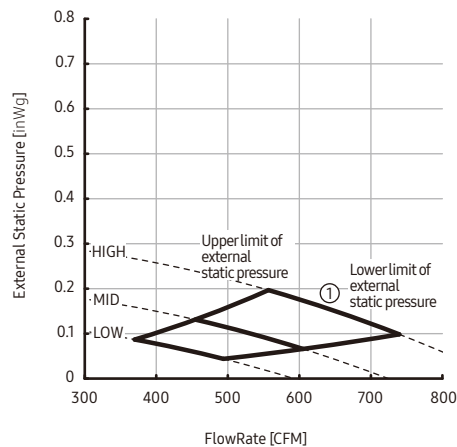


9. Fan Characteristics (PQ curve)

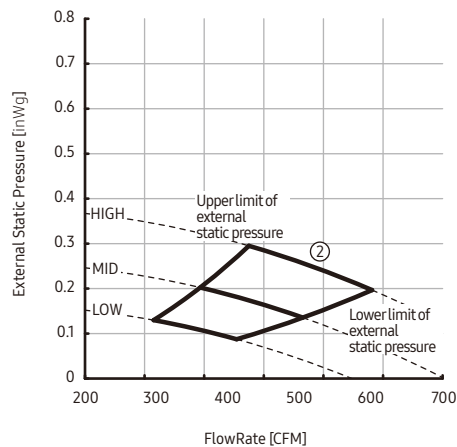
9-1. Indoor units

JNG18HDD (AJ018DNHDCG/AA)

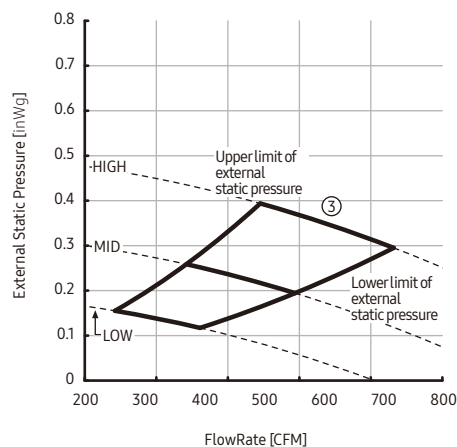
①	External Static Pressure(inWg)	Option Code
	$0.1 \leq P \leq 0.2$	01B3FC-1C5456-27343C-370000



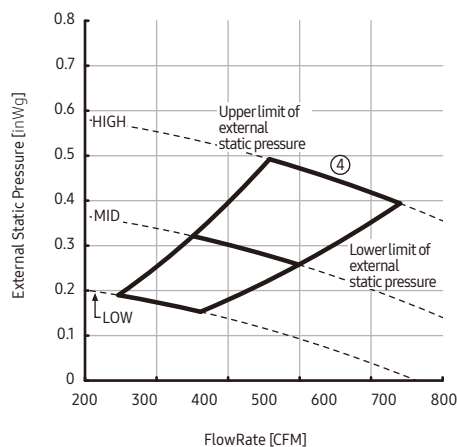
②	External Static Pressure(inWg)	Option Code
	$0.2 \leq P \leq 0.3$	01B3FC-1C5499-27343C-370000



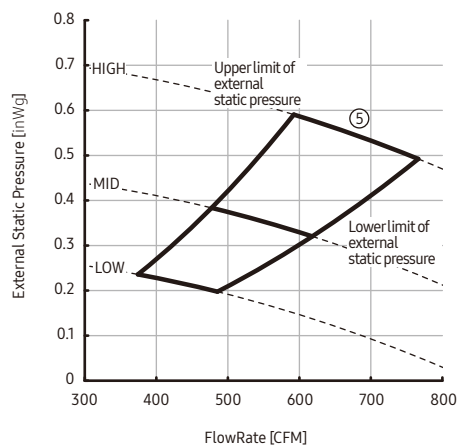
③	External Static Pressure(inWg)	Option Code
	$0.3 < P \leq 0.4$	01B3FC-1C580C-27343C-370000



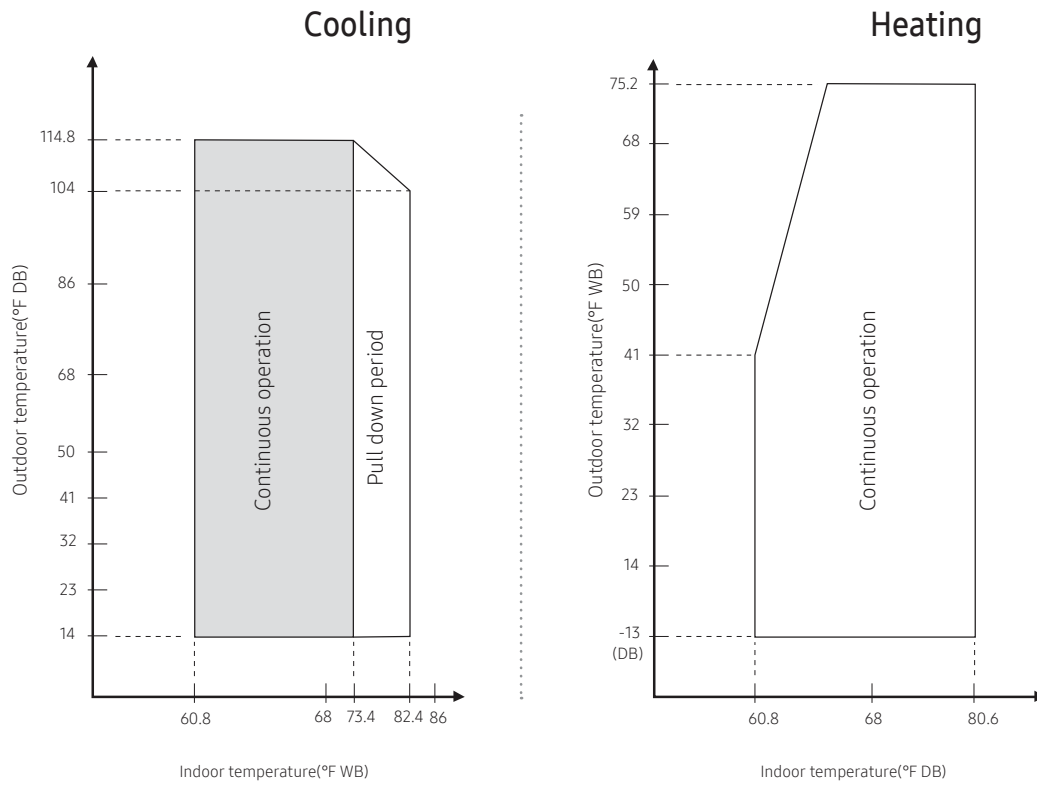
④	External Static Pressure(inWg)	Option Code
	$0.4 < P \leq 0.5$	01B3FC-1C585F-27343C-370000



⑤	External Static Pressure(inWg)	Option Code
	$0.5 < P \leq 0.6$	01B3FC-1C59A3-27343C-370000



10. Operation Range

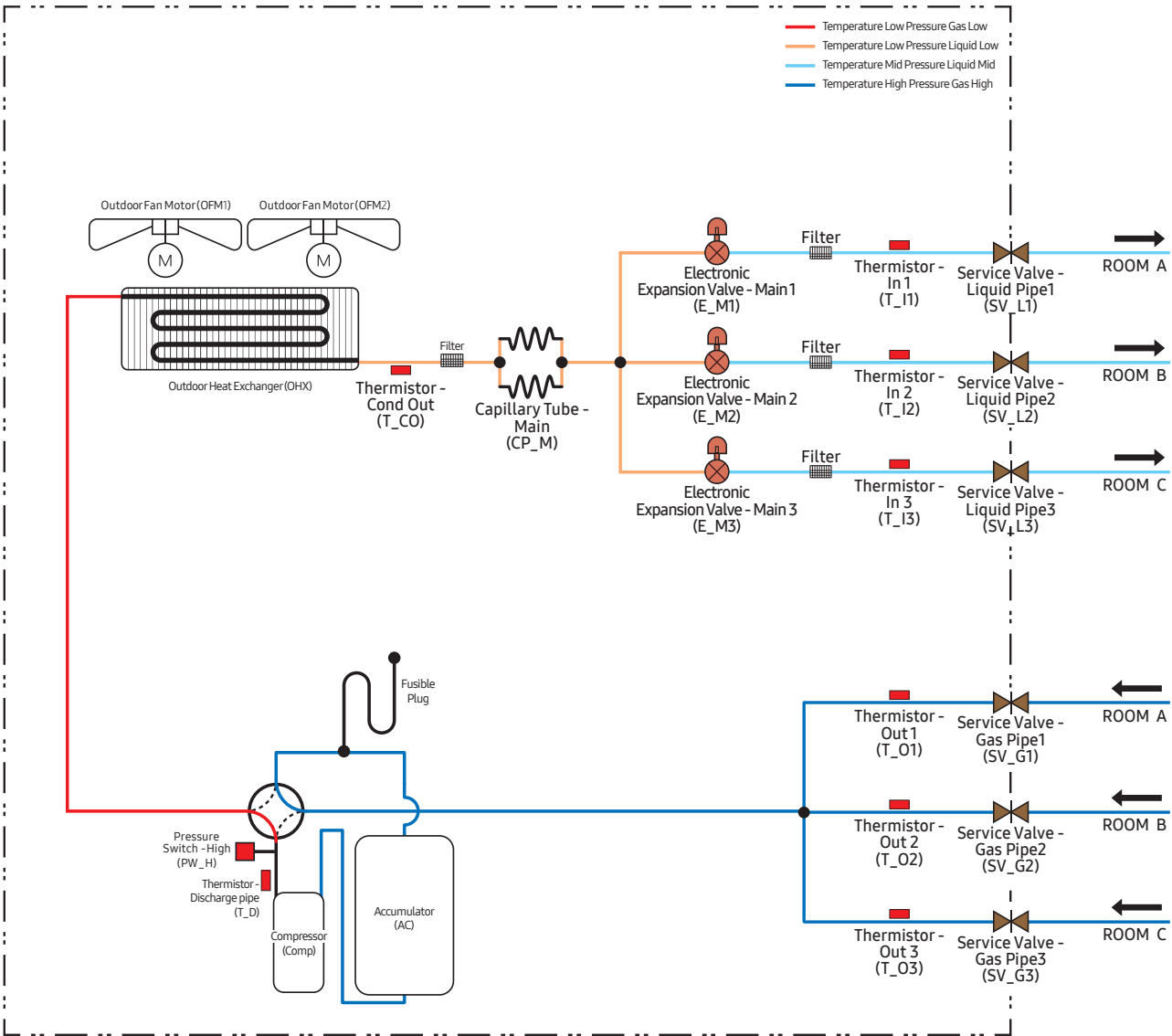


NOTE

- The graphs are based on the following conditions.
 - 1) Equivalent piping length : 7.5m (24.6ft)
 - 2) Level difference 0m (0ft)
 - 3) Air flow rate High

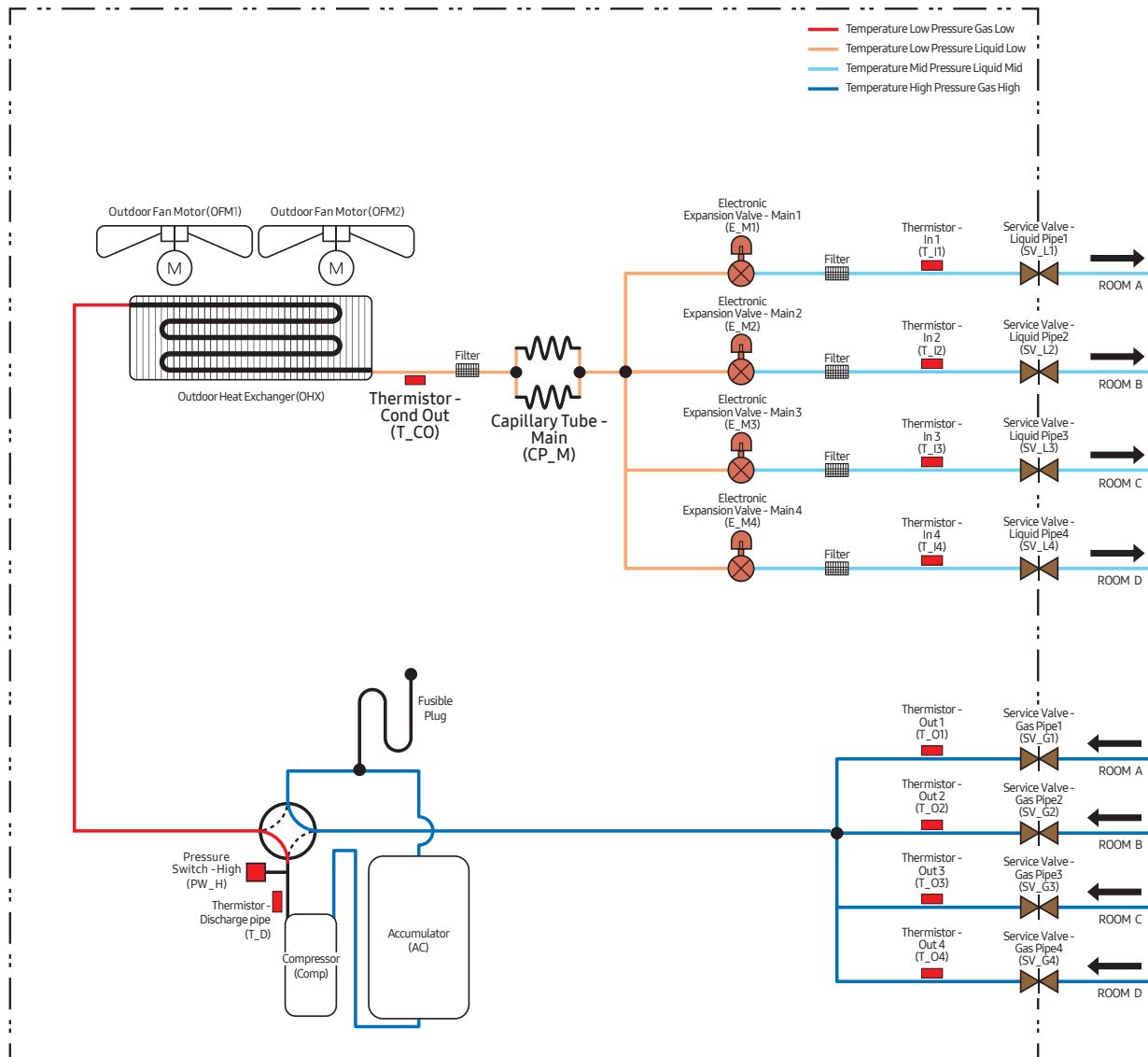
11. Piping Diagram

11-1. JXG20S3D (AJ020DXS3CG/AA)



11. Piping Diagram

11-2. JXG24S4D (AJ024DXS4CG/AA), JXG30S4D (AJ030DXS4CG/AA), JXG36S4D (AJ036DXS4CG/AA)





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Ver.1.1

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