

SAMSUNG

FJM

Technical Data Book

**Free Joint Multi for America
(R410A, 60Hz, HP)**



Model : Outdoor unit: JXH**J*B (AJ***BXJ*CH/AA)

Indoor unit: RNS***BT (AR**TSF*BWKNV), CNH**NDB (AC***BNNDCH/AA), CNH**1DB (AC***BN1DCH/AA)
CNH**LDB (AC***BNLDCH/AA), JNH**HDB (AJ***BNHDCH/AA), CNH**JDB (AC***BNJDCH/AA)
CNH**ZDB (AC***BNZDCH/AA)

History

Version	Modification	Date	Remark
Ver.1.0	Released 2021 FJM IDU,ODU for North America TDB	21.10.30	
Ver.1.1	Modified the combination table of line-up page	21.12.23	
Ver.1.2	Modified the Features & Benefits page	21.12.31	
Ver.1.3	Modified some error	22.01.07	
Ver.1.4	Modified the Combination table of Ducted Capacity page	22.03.10	
Ver.1.5	Updated the Combination Table Pages	22.05.19	
Ver.1.6	Corrected 24K MPAH suctoin pipe diameter	22.12.06	

Nomenclature

Outdoor Units

Model Name

AJ

020

B

X

J

2

C

H

/

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

B	2022
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(4) Product Type

S	SET (NASA)
N	Indoor Unit (NASA)
X	Outdoor Unit (NASA)
A	SET (Non NASA)
B	Indoor Unit (Non NASA)
C	Outdoor Unit (Non NASA)

(5) Product Notation

J	Free Joint Multi
---	------------------

(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

C	Cooling Only (R410A)
H	Heat Pump (R410A)
R	Heat Recovery (R410A)

Nomenclature

Indoor Units

Wall Mounted Type

Model Name

AR	09	T	S	F	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

T	2020
---	------

(4) Product Type

X	INVERTER HP R410A
---	-------------------

(5) Characteristics

C	Motion Detect Sensor +Wi-Fi + Tri-care Filter
E	Wi-Fi + Tri-care Filter
F	Wi-Fi
H	-

(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

1Way/4Way Cassette(600x600), Duct, Console, AHU Type
Model Name

AC

009

B

N

1

D

C

H

/

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

T	2020
B	2022

(4) Product Type

N	Indoor Unit (NASA)
---	--------------------

(5) Product Notation

1	1Way Cassette
N	4Way CST (600x600)
L	Slim duct
H	Duct S
J	Console
Z	AHU

(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

C	Cooling Only (R410A)
H	Heat Pump (R410A)
R	Heat Recovery (R410A)

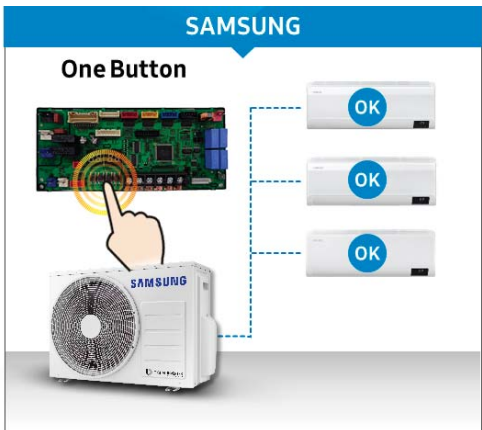
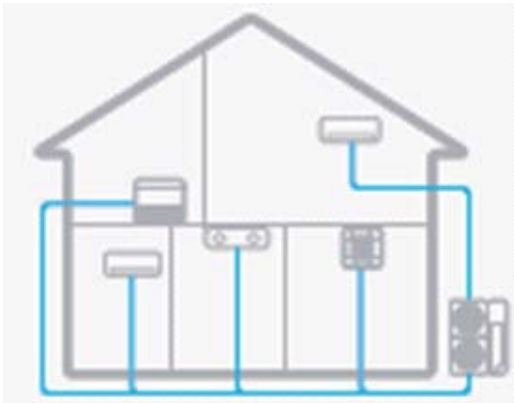
Features & Benefits

FJM

Universal Connection

A single outdoor unit can support up to five indoor units. FJM systems are ideal for residential and light commercial spaces with multiple rooms to increase space efficiency.

Free Joint Multi added Universal indoor units, which can be universally connected to other Samsung outdoor units, to this year's lineup.



One Button Solution for Auto Addressing

Improved Installation Procedure
One button auto addressing solution makes installation easier.

Easy monitoring

7-Segment for install and monitoring errors & system setting more conveniently



Push	Display Explanation	Push	Display Explanation
1	Present Compressor Frequency	9	Discharge temperature
2	Target Compressor Frequency	10	O.L.P temperature
3	EEV0 current step	11	Condenser temperature
4	EEV1 current step	12	Outdoor temperature
5	EEV2 current step	13	Running current
6	EEV3 current step	14	Target Discharge temperature
7	EEV4 current step	15	Total capacity of the indoor units
8	Fan RPM (H: high, L: low, Blank: off)	16	Safety Control (just For Service Technician)

※ Using K4 Tack Switch

Setting to Cool or Heat only mode

This function enable to configure the system for cooling and heating, cooling only or heating only.

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1. Line-up

1-1. Outdoor units

Capacity (kBtu/h)	18	22	32	47
Image				
Model	JXH20J2B (AJ020BXJ2CH/AA)	JXH24J3B (AJ024BXJ3CH/AA)	JXH36J4B (AJ036BXJ4CH/AA)	JXH48J5B (AJ048BXJ5CH/AA)

1-2. Indoor units

Capacity (kBtu/h) Type	7	9	12	15	18	24
WindFree™ 2.0						
WindFree 2.0e						
(WindFree) 1Way Cassette						
(WindFree) 4Way Cassette (600x600)						
Slim duct						
Duct S						
Console						
Multi Position AHU						

1. Line-up

1-3. Outdoor units

Indoor Unit \ Outdoor Unit		Model				
			JXH20J2B (AJ020BXJ2CH/AA)	JXH24J3B (AJ024BXJ3CH/AA)	JXH36J4B (AJ036BXJ4CH/AA)	JXH48J5B (AJ048BXJ5CH/AA)
Model		Capacity (k Btu/h)	18	22	32	47
WindFree™ 2.0	RNS**ABT (AR**TSFABWKNCV) 	7	●	●	●	●
		9	●	●	●	●
		12	●	●	●	●
		15	●	●	●	●
		18		●	●	●
		24			●	●
WindFree 2.0e	RNS**CMB (AR**BSFCMWKNCV) 	7	●	●	●	●
		9	●	●	●	●
		12	●	●	●	●
		15	●	●	●	●
		18		●	●	●
		24			●	●
(WindFree) 1Way Cassette	CNH**1DB (AC**BN1DCH/AA) 	9	●	●	●	●
		12	●	●	●	●
(WindFree) 4Way Cassette (600x600)	CNH**NDB (AC**BNNDCH/AA) 	9	●	●	●	●
		12	●	●	●	●
		18		●	●	●
Slim duct	CNH**LDB (AC**BNLDCH/AA) 	9	●	●	●	●
		12	●	●	●	●
		18		●	●	●
Duct S	JNH**HDB (AJ**BNHDCH/AA) 	9		●	●	●
		12		●	●	●
		15		●	●	●
		18			●	●
Console	CNH**JDB (AC**BNJDCH/AA) 	9	●	●	●	●
		12	●	●	●	●
		15	●	●	●	●
		18		●	●	●
Multi Position AHU	CNH**ZDB (AC**BNZDCH/AA) 	12	●	●	●	●
		18			●	●
		24			●	●

2. Specification

Free Joint Multi (Outdoor Units)

Model Name					AJ020BXJ2CH/AA	AJ024BXJ3CH/AA	AJ036BXJ4CH/AA	AJ048BXJ5CH/AA
US Code					JXH20J2B	JXH24J3B	JXH36J4B	JXH48J5B
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	1.50	1.83	2.67	3.92
	Capacity	Cooling	kW	5.30	6.50	9.40	13.78	
			Btu/h	18,000	22,000	32,000	47,000	
			US RT	1.50	1.83	2.67	3.92	
	Heating	kW	6.50	7.30	10.60	14.21		
		Btu/h	22,000	25,000	36,000	48,500		
		US RT	1.83	2.08	2.99	4.03		
Maximum number of connectable Indoor Units				EA	2	3	4	5
Power	Power Input (Nominal)	Cooling	kW	1.41	1.73	2.56	4.47	
		Heating		1.73	1.78	2.55	3.79	
	Current Input (Nominal)	Cooling	A	6.8	8.3	12.2	21.4	
		Heating		8.3	8.5	12.2	18.1	
	Current	MCA	A	16.5	19.5	26.0	37.0	
		MOP		20	25	30	40	
Efficiency	EER	Cooling (Non-Ducted)	(Btu/h)/W	12.7	12.7	12.5	10.5	
	COP	Heating (Non-Ducted)	W/W	3.73	4.12	4.14	3.75	
	SEER	Non-Ducted	(Btu/h)/W	19.5	19.0	19.5	19.7	
	HSPF	Non-Ducted	(Btu/h)/W	10.0	10.0	10.0	10.3	
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	5.919 x 1	7.766 x 1	10.010 x 1	10.010 x 1
	Model Name			-	UG4T200FUAEE4	G8T260FUAEEW	KTF310D43UMT	KTF310D43UMT
	Oil	Type	-	POE	POE	POE	POE	
		Initial Charge	cc (fl oz)	650 (22.0)	700 (23.7)	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	1	1	1	2
	Air Flow Rate			m³/min	47.5	47.5	70.6	94.0
				ft³/min	1667.4	1667.4	2493.2	3884.6
				l/s	792	792	1,177	1,833
	External Static Pressure		Max.	mmAq	-	-	-	-
				Pa	-	-	-	-
				In Wg	-	-	-	-
Fan Motor	Type			-	BLDC	BLDC	BLDC	BLDC
	Output x n			W	125 x 1	125 x 1	125 x 1	125 x 2
Piping Connections	Liquid Pipe			Type	Flare connection	Flare connection	Flare connection	Flare connection
				Φ, mm x EA	6.35 x 2	6.35 x 3	6.35 x 4	6.35 x 5
				Φ, Inch x EA	1/4 x 2	1/4 x 3	1/4 x 4	1/4 x 5
	Gas Pipe			Type	Flare connection	Flare connection	Flare connection	Flare connection
				Φ, mm x EA	9.52 x 1 + 12.70 x 1	9.52 x 1 + 12.70 x 2	9.52 x 2 + 12.70 x 2	9.52 x 2 + 12.70 x 3
				Φ, inch x EA	3/8 x 1 + 1/2 x 1	3/8 x 1 + 1/2 x 2	3/8" x 2 + 1/2 x 2	3/8 x 2 + 1/2 x 3
	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)	50 (164.0)	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			AJ020BXJ2CH/AA	AJ024BXJ3CH/AA	AJ036BXJ4CH/AA	AJ048BXJ5CH/AA
US Code			JXH20J2B	JXH24J3B	JXH36J4B	JXH48J5B
Refrigerant	Type	-	R410A	R410A	R410A	R410A
	Factory Charging	kg	2.20	2.65	3.10	3.80
		lbs	4.85	5.84	6.83	8.34
Sound	Sound Pressure Level	Cooling	48	48	54	52
		Heating	51	51	56	55
External Dimension	Net Weight	kg (lbs)	53.0 (116.8)	57.0 (125.7)	76.5 (168.7)	87.5 (192.9)
	Shipping Weight	kg (lbs)	57.0 (125.7)	61.0 (134.5)	82.5 (181.9)	99.0 (218.3)
	Net Dimensions (WxHxD)	mm	880 x 798 x 310	880 x 798 x 310	940 x 998 x 330	940 x 1,210 x 330
		inch	34.6 x 31.4 x 12.2	34.6 x 31.4 x 12.2	37.0 x 39.3 x 13.0	37.0 x 47.6 x 13.0
	Shipping Dimensions (WxHxD)	mm	1,023 x 896 x 413	1,023 x 896 x 413	995 x 1,096 x 426	1,093 x 1,388 x 426
		inch	44.2 x 35.3 x 16.3	44.2 x 35.3 x 16.3	39.2 x 43.1 x 16.8	40.0 x 54.6 x 16.8
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)	-15.0 ~ 24.0 (5.0 ~ 75.2)	-15.0 ~ 24.0 (5.0 ~ 75.2)	-15.0 ~ 24.0 (5.0 ~ 75.2)	-15.0 ~ 24.0 (5.0 ~ 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 R410A which is fluorinated greenhouse gas.

2. Specification

WindFree™ 2.0

Model Name				AR07TSFABWKNCV	AR09TSFABWKNCV	AR12TSFABWKNCV
US Code				RNS07ABT	RNS09ABT	RNS12ABT
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	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		-	Green Hydrophile	Green Hydrophile	Green Hydrophile
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
Wiring Connections	Drain Pipe		Φ, inch	ID:0.64, OD : 0.85	ID:0.64, OD : 0.85	ID:0.64, OD : 0.85
	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure Level	H / Silent	dB(A)	38/23	38/23	39/23
External Dimension	Net Weight		kg (lbs)	10.6 (23.4)	10.6 (23.4)	10.6 (23.4)
	Shipping Weight		kg (lbs)	12.0 (26.5)	12.0 (26.5)	12.0 (26.5)
	Net Dimensions (WxHxD)		mm	889 x 299 x 215	889 x 299 x 215	889 x 299 x 215
			inch	35.00 x 11.77 x 8.46	35.00 x 11.77 x 8.46	35.00 x 11.77 x 8.46
	Shipping Dimensions (WxHxD)		mm	950 x 290 x 375	950 x 290 x 375	950 x 290 x 375
inch			37.40 x 11.42 x 14.76	37.40 x 11.42 x 14.76	37.40 x 11.42 x 14.76	
Casing	Material		-	HIPS	HIPS	HIPS
Additional Accessories	Air Filter		-	Pre-Filter	Pre-Filter	Pre-Filter

2. Specification

WindFree™ 2.0

Model Name				AR15TSFABWKNCV	AR18TSFABWKNCV	AR24TSFABWKNCV
US Code				RNS15ABT	RNS18ABT	RNS24ABT
Power Supply Mode			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	TON		TON	1.25	1.50	1.75
	Capacity	Cooling	kW	4.40	5.28	6.15
			Btu/h	15,000	18,000	21,000
			US RT	1.25	1.50	1.74
		Heating	kW	5.23	6.04	8.06
			Btu/h	18,000	20,600	27,500
			US RT	1.50	1.71	2.28
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		-	Green Hydrophile	Green Hydrophile	Green Hydrophile
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, inch	ID:0.64, OD : 0.85	ID:0.64, OD : 0.85	ID:0.64, OD : 0.85
	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure Level	H / Silent	dB(A)	40/23	42/25	47/28
External Dimension	Net Weight		kg (lbs)	10.6 (23.4)	12.5 (27.6)	12.5 (27.6)
	Shipping Weight		kg (lbs)	12.0 (26.5)	14.3 (31.5)	14.3 (31.5)
	Net Dimensions (WxHxD)		mm	889 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215
			inch	35.00 x 11.77 x 8.46	41.54 x 11.77 x 8.46	41.54 x 11.77 x 8.46
	Shipping Dimensions (WxHxD)		mm	950 x 290 x 375	1,115 x 290 x 375	1,115 x 290 x 375
			inch	37.40 x 11.42 x 14.76	43.90 x 11.42 x 14.76	43.90 x 11.42 x 14.76
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.
- 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 R410A which is fluorinated greenhouse gas.

2. Specification

WindFree 2.0e

Model Name				AR07BSFCMWKNCV	AR09BSFCMWKNCV	AR12BSFCMWKNCV
US Code				RNS07CMB	RNS09CMB	RNS12CMB
Power Supply Mode			Ø, #, V, Hz	1,2,208-230,60 HEAT PUMP	1,2,208-230,60 HEAT PUMP	1,2,208-230,60 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		-	Green Hydrophile	Green Hydrophile	Green Hydrophile
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	396 / 382 / 368 / 340	378 / 364 / 337 / 309
			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
Wiring Connections	Drain Pipe		Φ, inch	ID:0.64, OD : 0.85	ID:0.64, OD : 0.85	ID:0.64, OD : 0.85
	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure Level	H / Silent	dB(A)	38/23	38/23	38/23
External Dimension	Net Weight		kg (lbs)	9.1 (20.1)	9.1 (20.1)	9.1 (20.1)
	Shipping Weight		kg (lbs)	10.4 (22.9)	10.4 (22.9)	10.4 (22.9)
	Net Dimensions (WxHxD)		mm	820 x 299 x 215	820 x 299 x 215	820 x 299 x 215
			inch	32.28 x 11.77 x 8.46	32.28 x 11.77 x 8.46	32.28 x 11.77 x 8.46
	Shipping Dimensions (WxHxD)		mm	880 x 290 x 375	880 x 290 x 375	880 x 290 x 375
			inch	35.04 x 11.42 x 14.76	35.04 x 11.42 x 14.76	35.04 x 11.42 x 14.76
Casing	Material		-	HIPS	HIPS	HIPS
Additional Accessories	Air Filter		-	Pre-Filter	Pre-Filter	Pre-Filter

2. Specification

WindFree 2.0e

Model Name				AR15BSFCMWKNCV	AR18BSFCMWKNCV	AR24BSFCMWKNCV
US Code				RNS15CMB	RNS18CMB	RNS24CMB
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	Heating	kW	5.23	6.15	7.03
			Btu/h	18,000	21,000	24,000
			US RT	1.50	1.74	1.99
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		-	Green Hydrophile	Green Hydrophile	Green Hydrophile
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	13.8 / 13.3 / 12.3 / 11.4	17.7 / 16.5 / 14.9 / 13.2
			ft³/min	406 / 366 / 313 / 260	486 / 469 / 435 / 401	623 / 584 / 525 / 465
			l/s	192 / 173 / 148 / 123	230 / 221 / 205 / 189	294 / 276 / 248 / 220
		Heating (T/H/M/L)	m³/min	12.0 / 10.8 / 9.4 / 7.9	14.2 / 13.7 / 12.7 / 11.7	17.8 / 16.7 / 15.0 / 13.3
			ft³/min	423 / 384 / 332 / 280	623 / 584 / 525 / 465	629 / 589 / 529 / 470
			l/s	200 / 181 / 157 / 132	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)	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, inch	ID:0.64, OD : 0.85	ID:0.64, OD : 0.85	ID:0.64, OD : 0.85
	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure Level	H / Silent	dB(A)	40/23	41/25	45/28
External Dimension	Net Weight		kg (lbs)	10.6 (23.4)	11.5 (25.4)	11.5 (25.4)
	Shipping Weight		kg (lbs)	12.0 (26.5)	13.1 (28.9)	13.1 (28.9)
	Net Dimensions (WxHxD)		mm	889 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215
			inch	35.00 x 11.77 x 8.46	41.54 x 11.77 x 8.46	41.54 x 11.77 x 8.46
	Shipping Dimensions (WxHxD)		mm	950 x 290 x 375	1,115 x 290 x 375	1,115 x 290 x 375
			inch	37.40 x 11.42 x 14.76	43.90 x 11.42 x 14.76	43.90 x 11.42 x 14.76
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 = 20uPa
- 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 R410A which is fluorinated greenhouse gas.

2. Specification

(WindFree) 1Way Cassette

Model Name				AC009BN1DCH/AA		AC012BN1DCH/AA	
US Code				CNH091DB		CNH121DB	
Power Supply				Ø, #, V, Hz		1,2,208-230,60	
Mode				-		HEAT PUMP	
Performance	TON			TON		0.75	
	Capacity	Cooling	kW		2.64		
			Btu/h		9,000		
			US RT		0.75		
	Heating	kW		3.52			
		Btu/h		12,000			
		US RT		1.00			
Power	Power Input	Cooling	W	25			
		Heating		25			
	Current Input	Cooling	A	0.26			
		Heating		0.26			
Heat Exchanger	Type			-		Fin & Tube	
	Material	Fin	-		Al		
		Tube	-		Cu		
Fin Treatment			-		Green Hydrophile		
Fan	Type			-		Crossflow Fan	
	Quantity			EA		1	
	Air Flow Rate	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	
Fan Motor	Type			-		BLDC	
	Output x n			W		27 x 1	
Piping Connections	Liquid Pipe			Type		Flare connection	
				Φ, mm (inch)		6.35 (1/4)	
	Gas Pipe			Type		Flare connection	
				Φ, mm (inch)		9.52 (3/8)	
	Heat Insulation			-		Both Liquid & Gas pipes	
Wiring Connections	Drain Pipe			Φ, inch		ID 0.98, OD : 1.26	
	Communication	Min.	AWG	16		16	
		Remark	-		F1, F2		F1, F2
Refrigerant	Type			-		R410A	
	Electronic Expansion Valve			-		EEV NOT INCLUDED	
Sound	Sound Pressure Level	H/M/L	dB(A)	32 / 29 / 26		35 / 32 / 29	
External Dimension	Net Weight			kg (lbs)		9.3 (22.5)	
	Shipping Weight			kg (lbs)		12.2 (26.9)	
	Net Dimensions (W×H×D)			mm		970 x 135 x 410	
				inch		38.19 x 5.31 x 16.14	
	Shipping Dimensions (W×H×D)			mm		1,173 x 231 x 487	
inch				46.18 x 9.09 x 19.17			
Casing	Material			-		Polypropylene	
Panel	Model Name			-		PC1NWFMUN	
	Type			-		WindFree	
	Material			-		HIPS	
	Color			-		DA White	
	Net Weight			kg (lbs)		4.3 (9.48)	
	Shipping Weight			kg (lbs)		6.3 (13.89)	
	Net Dimensions (W×H×D)			mm		1,198 x 35 x 500	
				inch		47.17 x 3.78 x 19.69	
	Shipping Dimensions (W×H×D)			mm		1,262 x 122 x 566	
inch				26.38 x 4.80 x 22.28			
Drain pump	Drain pump			-		Built In	
	Max. lifting Height / Displacement			mm / Liter/h		750 / 24	
Additional Accessories	Air Filter			-		-	

2. Specification

(WindFree) 4Way Cassette (600x600)

Model Name				AC009BNNDCH/AA	AC012BNNDCH/AA	AC018BNNDCH/AA
US Code				CNH09NDB	CNH12NDB	CNH18NDB
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	0.90	1.44
	Capacity	Cooling	kW	2.67	3.17	5.10
			Btu/h	9,100	10,800	17,400
			US RT	0.76	0.90	1.44
		Heating	kW	2.93	3.96	5.86
			Btu/h	10,000	13,500	20,000
			US RT	0.83	1.25	1.66
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	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 x n		W	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, inch	ID 0.79, OD : 0.98	ID 0.79, OD : 0.98	ID 0.79, OD : 0.98
Wiring Connections	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure Level	H/M/L	dB(A)	31 / 28 / 25	34 / 30 / 25	39 / 34 / 29
External Dimension	Net Weight		kg (lbs)	11.6 (25.6)	11.6 (25.6)	11.6 (25.6)
	Shipping Weight		kg (lbs)	13.8 (30.4)	13.8 (30.4)	13.8 (30.4)
	Net Dimensions (W×H×D)		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
			inch	22.64 x 9.84 x 22.64	22.64 x 9.84 x 22.64	22.64 x 9.84 x 22.64
	Shipping Dimensions (W×H×D)		mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
inch			24.53 x 11.73 x 25.71	24.53 x 11.73 x 25.71	24.53 x 11.73 x 25.71	
Casing	Material		-	Polypropylene	Polypropylene	Polypropylene
Panel 1	Model Name		-	PC4SUFMUN	PC4SUFMUN	PC4SUFMUN
	Type		-	Wind-Free	Wind-Free	Wind-Free
	Material		-	HIPS	HIPS	HIPS
	Color		-	DA White	DA White	DA 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 57 x 620	620 x 57 x 620	620 x 57 x 620
			inch	24.41 x 2.24 x 24.41	24.41 x 2.24 x 24.41	24.41 x 2.24 x 24.41
	Shipping Dimensions (W×H×D)		mm	670 x 120 x 655	670 x 120 x 655	670 x 120 x 655
			inch	26.38 x 4.72 x 25.78	26.38 x 4.72 x 25.78	26.38 x 4.72 x 25.78

2. Specification

(WindFree) 4Way Cassette (600x600)

Model Name			AC009BNNDCH/AA	AC012BNNDCH/AA	AC018BNNDCH/AA
US Code			CNH09NDB	CNH12NDB	CNH18NDB
Drain pump	Drain pump	-	Built In	Built In	Built In
	Max. lifting Height / Displacement	mm / Liter/h	750 / 24	750 / 24	750 / 24
Additional	Air Filter	-	-	-	-



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 R410A which is fluorinated greenhouse gas.

2. Specification

Slim duct

Model Name				AC009BNLDC/AA	AC012BNLDC/AA	AC018BNLDC/AA
US Code				CNH09LDB	CNH12LDB	CNH18LDB
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	1.49
	Capacity	Cooling	kW	2.64	3.52	5.28
			Btu/h	9,000	12,000	18,000
			US RT	0.75	1.00	1.49
		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	H/M/L	m³/min	8.0 / 6.5 / 5.5	11.3 / 10.0 / 8.5	17.0 / 13.0 / 10.0
			ft³/min	282.5 / 229.5 / 194.2	399.1 / 353.1 / 300.2	600.3 / 459.1 / 353.1
			l/s	133 / 108 / 92	188 / 167 / 142	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	2.9 / 25.5 / 58.8	2.9 / 25.5 / 58.8	2.9 / 25.5 / 58.8
			ln Wg	0 / 0.10 / 0.24	0 / 0.10 / 0.24	0 / 0.10 / 0.24
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	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
Wiring Connections	Drain Pipe		Φ, inch	OD 1.05	OD 1.05	OD 1.05
	Communication	Min.	AWG	16	16	16
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure Level	H/M/L	dB(A)	33 / 30 / 26	34 / 31 / 27	35 / 32 / 28
External Dimension	Net Weight		kg (lbs)	18.9 (41.7)	18.9 (41.7)	22.4 (49.4)
	Shipping Weight		kg (lbs)	22.2 (48.9)	22.2 (48.9)	25.9 (57.1)
	Net Dimensions (W×H×D)		mm	900 x 199 x 440	900 x 199 x 440	1100 x 199 x 440
			inch	35.43 x 7.83 x 17.32	35.43 x 7.83 x 17.32	43.31 x 7.83 x 17.32
	Shipping Dimensions (W×H×D)		mm	1151 x 280 x 544	1151 x 280 x 544	1351 x 280 x 544
inch			45.31 x 11.02 x 21.42	45.31 x 11.02 x 21.42	53.19 x 11.02 x 21.42	
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		mm / Liter/h	750/24	750/24	750/24
Additional Accessories	Drain Pump (included as standard)	External Model	-	-	-	-
		Internal Model	-	MDP-E075SEE3	MDP-E075SEE3	MDP-E075SEE3
		Max. lifting Height /Displacement	mm / Liter/h	750/24	750/24	750/24
	Air Filter		-	INCLUDED Removable / Washable	INCLUDED Removable / Washable	INCLUDED Removable / Washable

2. Specification

Duct S

Model Name				AJ009BNHDCH/AA	AJ012BNHDCH/AA
US Code				JNH09HDB	JNH12HDB
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	3.52	4.10
Power	Power Input	Cooling	W	240	240
		Heating		240	240
	Current Input	Cooling	A	2.10	2.10
		Heating		2.10	2.10
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al
		Tube	-	Cu	Cu
Fin Treatment			-	Green Hydrophile	Green Hydrophile
Fan	Type		-	Sirroco Fan	Sirroco Fan
	Quantity		EA	2	2
	Air Flow Rate	H/M/L	m³/min	8.4 / 7.3 / 6.9	11.3 / 8.9 / 7.3
			ft³/min	296.6 / 257.8 / 243.7	399.1 / 314.3 / 257.8
			l/s	140 / 122 / 115	188 / 148 / 122
	External Static pressure	Max. (Min/Std/Max)	mmAq	2.5 / 4.6 / 15.0	2.5 / 4.6 / 15.0
			Pa	24.5 / 45.1 / 147.1	24.5 / 45.1 / 147.1
ln Wg			0.10 / 0.18 / 0.59	0.10 / 0.18 / 0.59	
Fan Motor	Type		-	BLDC	BLDC
	Output x n		W	153 x 1	153 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	Drain Pipe		Φ, inch	OD 1.05	OD 1.05
	Communication	Min.	AWG	16	16
		Remark	-	F1, F2	
Refrigerant	Type		-	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure Level	H/M/L	dB(A)	30 / 27 / 23	31 / 28 / 25
External Dimension	Net Weight		kg (lbs)	26.7 (58.9)	26.7 (58.9)
	Shipping Weight		kg (lbs)	30.7 (67.7)	30.7 (67.7)
	Net Dimensions (W×H×D)		mm	850 x 250 x 700	850 x 250 x 700
			inch	35.46 x 9.84 x 27.56	35.46 x 9.84 x 27.56
	Shipping Dimensions (W×H×D)		mm	1064 x 320 x 784	1064 x 320 x 784
inch			41.89 x 12.60 x 30.87	41.89 x 12.60 x 30.87	
Casing	Material		-	EGI Steel Plate	EGI Steel Plate
Drain pump	Drain pump		-	Built In	Built In
	Max. lifting Height / Displacement		mm / Liter/h	750/24	750/24
Additional Accessories	Drain Pump (included as standard)	External Model	-	-	-
		Internal Model	-	MDP-G075SQ	MDP-G075SQ
		Max. lifting Height /Displacement	mm / Liter/h	750/24	750/24
	Air Filter		-	-	-

2. Specification

Duct S

Model Name				AJ015BNHDCH/AA		AJ018BNHDCH/AA		
US Code				JNH15HDB		JNH18HDB		
Power Supply				Ø, #, V, Hz		1,2,208-230,60		
Mode				-		HEAT PUMP		
Performance	TON			TON		1.24		
	Capacity	Cooling	kW		4.40			
			Btu/h		15,000			
			US RT		1.24			
		Heating	kW		5.28			
			Btu/h		18,000			
			US RT		5.28			
Power	Power Input	Cooling	W	240				
		Heating		240				
	Current Input	Cooling	A	2.10				
		Heating		2.10				
Heat Exchanger	Type			-		Fin & Tube		
	Material	Fin	-		Al			
		Tube	-		Cu			
	Fin Treatment			-		Green Hydrophile		
Fan	Type			-		Sirroco Fan		
	Quantity			EA		2		
	Air Flow Rate	H/M/L	m³/min	12.5 / 10.6 / 8.7		14.2 / 11.8 / 9.8		
			ft³/min	441.4 / 374.3 / 307.2		501.5 / 416.7 / 346.1		
			l/s	208 / 177 / 145		237 / 197 / 163		
	External Static pressure	Max. (Min/Std/Max)	mmAq	2.5 / 4.6 / 15.0		2.5 / 4.6 / 15.0		
			Pa	24.5 / 45.1 / 147.1		24.5 / 45.1 / 147.1		
			In Wg	0.10 / 0.18 / 0.59		0.10 / 0.18 / 0.59		
Fan Motor	Type			-		BLDC		
	Output x n			W		153 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)	12.70 (1/2)		12.70 (1/2)	
	Heat Insulation			-		Both Liquid & Gas pipes		
	Drain Pipe			Φ, inch		OD 1.05		
Wiring Connections	Communication	Min.	AWG	16		16		
		Remark	-		F1, F2			
Refrigerant	Type			-		R410A		
	Electronic Expansion Valve			-		EEV NOT INCLUDED		
Sound	Sound Pressure Level	H/M/L	dB(A)	33 / 29 / 25		34 / 30 / 26		
External Dimension	Net Weight			kg (lbs)		26.7 (58.9)		
	Shipping Weight			kg (lbs)		30.7 (67.7)		
	Net Dimensions (W×H×D)			mm		850 x 250 x 700		
				inch		35.46 x 9.84 x 27.56		
	Shipping Dimensions (W×H×D)			mm		1064 x 320 x 784		
				inch		41.89 x 12.60 x 30.87		
Casing	Material			-		EGI Steel Plate		
Drain pump	Drain pump			-		Built In		
	Max. lifting Height / Displacement			mm / Liter/h		750/24		
Additional Accessories	Drain Pump (included as standard)	External Model	-		-			
		Internal Model	-		MDP-G075SQ			
		Max. lifting Height /Displacement	mm / Liter/h		750/24			
	Air Filter			-		-		

2. Specification

Console

Model Name				AC009BNJDCH/AA	AC012BNJDCH/AA
US Code				CNH09JDB	CNH12JDB
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	0.85
	Capacity	Cooling	kW	2.64	2.99
			Btu/h	9,000	10,200
			US RT	0.75	0.85
		Heating	kW	2.96	3.81
			Btu/h	10,100	13,000
			US RT	0.84	1.08
Power	Power Input	Cooling	W	54	54
		Heating		54	54
	Current Input	Cooling	A	0.49	0.49
		Heating		0.49	0.49
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al
		Tube	-	Cu	Cu
Fin Treatment		-	Green Hydrophile	Green Hydrophile	
Fan	Type		-	Turbo Fan	Turbo Fan
	Quantity		EA	1	1
	Air Flow Rate	H/M/L	m³/min	7.5 / 6.8 / 6.0	8.5 / 7.2 / 6.2
			ft³/min	264.9 / 240.1 / 211.9	300.2 / 254.3 / 219.0
			l/s	125 / 113 / 100	141 / 120 / 103
Fan Motor	Type		-	BLDC	BLDC
	Output x n		W	35 x 1	35 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
Drain Pipe		Φ, inch	ID:0.64, OD : 0.85	ID:0.64, OD : 0.85	
Wiring connections	Communication	Min.	AWG	16	16
		Remark	-	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure Level	H/M/L	dB(A)	35 / 31 / 29	38 / 35 / 33
External Dimension	Net Weight		kg (lbs)	15.7 (34.6)	15.7 (34.6)
	Shipping Weight		kg (lbs)	20.0 (44.1)	20.0 (44.1)
	Net Dimensions (W×H×D)		mm	720 x 620 x 199	720 x 620 x 199
			inch	28.3 x 24.4 x 7.8	28.3 x 24.4 x 7.8
	Shipping Dimensions (W×H×D)		mm	805 x 297 x 705	805 x 297 x 705
			inch	31.7 x 11.7 x 27.8	31.7 x 11.7 x 27.8
Casing	Material		-	HIPS	HIPS
Drain pump	Drain pump		-	-	-
	Max. lifting Height / Displacement		mm / Liter/h	-	-
Additional	Air Filter		-	Removable / Washable	Removable / Washable

2. Specification

Console

Model Name				AC015BNJDCH/AA	AC018BNJDCH/AA
US Code				CNH15JDB	CNH18JDB
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP
Performance	TON		TON	1.24	1.41
	Capacity	Cooling	kW	4.40	4.98
			Btu/h	15,000	17,000
			US RT	1.24	1.41
		Heating	kW	5.28	5.57
			Btu/h	18,000	19,000
			US RT	1.50	1.58
Power	Power Input	Cooling	W	54	54
		Heating		54	54
	Current Input	Cooling	A	0.49	0.49
		Heating		0.49	0.49
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al
		Tube	-	Cu	Cu
	Fin Treatment		-	Green Hydrophile	Green Hydrophile
Fan	Type		-	Turbo Fan	Turbo Fan
	Quantity		EA	1	1
	Air Flow Rate	H/M/L	m³/min	9.0 / 8.2 / 7.2	9.4 / 8.4 / 7.4
			ft³/min	317.8 / 289.6 / 254.3	332.0 / 296.6 / 261.3
Fan Motor			l/s	149 / 136 / 120	156 / 139 / 123
	Type		-	BLDC	BLDC
	Output x n		W	35 x 1	35 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)	12.70 (1/2)	12.70 (1/2)
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes
	Drain Pipe		Φ, inch	ID:0.64, OD : 0.85	ID:0.64, OD : 0.85
Wiring connections	Communication	Min.	AWG	16	16
		Remark	-	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure Level	H/M/L	dB(A)	42 / 39 / 35	42 / 39 / 35
External Dimension	Net Weight		kg (lbs)	15.9 (35.1)	15.9 (35.1)
	Shipping Weight		kg (lbs)	20.2 (44.5)	20.2 (44.5)
	Net Dimensions (W×H×D)		mm	720 x 620 x 199	720 x 620 x 199
			inch	28.3 x 24.4 x 7.8	28.3 x 24.4 x 7.8
	Shipping Dimensions (W×H×D)		mm	805 x 297 x 705	805 x 297 x 705
			inch	31.7 x 11.7 x 27.8	31.7 x 11.7 x 27.8
Casing	Material		-	HIPS	HIPS
Drain pump	Drain pump		-	-	-
	Max. lifting Height / Displacement		mm / Liter/h	-	-
Additional	Air Filter		-	Removable / Washable	Removable / Washable

2. Specification

Multi Position AHU

Model Name				AC012BNZDCH/AA	AC018BNZDCH/AA	AC024BNZDCH/AA
US Code				CNH12ZDB	CNH18ZDB	CNH24ZDB
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	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	374.3 / 286.0 / 243.7	600.3 / 529.7 / 494.4	759.3 / 635.7 / 547.4
			l/s	177 / 135 / 115	208 / 177 / 145	237 / 197 / 163
	External Static pressure	Max. (Min/Std/Max)	mmAq	3.0 / 10.0 / 13.0	0 / 14.7 / 20.0	0 / 14.7 / 20.0
			Pa	29.4 / 98.1 / 127.5	0 / 144.2 / 196.1	0 / 144.2 / 196.1
			ln Wg	0.1 / 0.4 / 0.5	0 / 0.58 / 0.8	0 / 0.58 / 0.8
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	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
Wiring connections	Communication		Min.	AWG	16	16
	Remark		-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure Level	H/M/L	dB(A)	31 / 28 / 25	33 / 29 / 25	34 / 30 / 26
External Dimension	Net Weight		kg (lbs)	43.5 (95.9)	44.5 (98.1)	44.5 (98.1)
	Shipping Weight		kg (lbs)	48.0 (66.8)	49.0 (108.0)	49.0 (108.0)
	Net Dimensions (W×H×D)		mm	445 x 1,092 x 533	445 x 1,092 x 533	445 x 1,092 x 533
			inch	17.52 x 42.99 x 21.77	17.52 x 42.99 x 21.77	17.52 x 42.99 x 21.77
	Shipping Dimensions (W×H×D)		mm	493 x 1,135 x 665	493 x 1,135 x 665	493 x 1,135 x 665
inch			19.41 x 44.69 x 26.18	19.41 x 44.69 x 26.18	19.41 x 44.69 x 26.18	
Casing	Material		-	EGI Steel Plate	EGI Steel Plate	EGI Steel Plate
Additional Accessories	Drain Pump	External Model	-	-	-	-
		Internal Model	-	-	-	-
		Max. lifting Height /Displacement	mm / Liter/h	-	-	-
	Filter Base (optional)		-	VFB-1	VFB-1	VFB-1

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	
18	JXH20J2B (AJ020BXJ2CH)	60	208~230	187	253	6.8	8.3	16.5	20	0.125
22	JXH24J3B (AJ024BXJ3CH)	60	208~230	187	253	8.3	8.5	19.5	25	0.125
32	JXH36J4B (AJ036BXJ4CH)	60	208~230	187	253	12.2	12.2	26.0	30	0.125
47	JXH48J5B (AJ048BXJ5CH)	60	208~230	187	253	21.4	18.1	37.0	40	0.250

NOTE

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

4. Combination Table

※ Note

- Combination guide when applying AJ0**BNHDCH/AA (Duct S) or AC0**BNZDCH/AA (MPAH) indoor units
 - Only one AC***BNZDCH/AA (MPAH) indoor unit can be included in the combination.
 - Only one AJ***BNHDCH/AA (Duct S) indoor unit can be included in the combination.
 - AJ***BNHDCH/AA (Duct S) indoor units cannot be connected to outdoor unit model AJ020BXJ2CH/AA.
 - If AJ0**BNHDCH/AA (Duct S) or AC0**BNZDCH/AA (MPAH) 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**BNHDCH/AA (Duct S) or AC0**BNZDCH/AA (MPAH) 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***BNHDCH/AA or AC***BNZDCH/AA						
Outdoor Unit Model (US Code)	Mixed Installation*	4 Indoor Unit Connection	3 Indoor Unit Connection	2 Indoor Unit Connection	Combination Ratio	Outdoor Index
JXH24J3B (AJ024BXJ3CH/AA)	Not Allowed	Not Allowed	Not Allowed	Allowed	≤ 1.0	24
JXH36J4B (AJ036BXJ4CH/AA)	Not Allowed	Not Allowed	Allowed	Allowed	≤ 1.0	36
JXH48J5B (AJ048BXJ5CH/AA)	Not Allowed	Allowed	Allowed	Allowed	≤ 1.0	48

* Mixed installation means mixing AJ***BNHDCH/AA and AC***BNZDCH/AA units on the same system

4. Combination Table

Combinations that include Duct S and MPAH 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 MPAH indoor units are included in the system combination, only the combinations noted below are allowed (mixed Duct S/MPAH with other indoor unit types).
2. Only one Duct S (AJ0**BNHDCH/AA) or one MPAH (AC0**BNZDCH/AA) can be connected to a single system.
3. System combinations that include one Duct S or one MPAH can also include Slim Duct, high-wall, cassette, and console indoor units.

AJ020BXJ2CH/AA*

Outdoor Index: 21

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

*Duct S (AJ0**BNHDCH/AA) models are not compatible.

AJ024BXJ3CH/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

AJ036BXJ4CH/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
3	18	18				36
	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

AJ048BXJ5CH/AA

Outdoor Index: 48

Unit Qty.	Indoor Index					Total	Unit Qty.	Indoor Index					Total
	A	B	C	D	E			A	B	C	D	E	
2	7	9				16	4	7	7	7	9		30
	7	12				19		7	7	7	12		33
	7	15				22		7	7	7	15		36
	7	18				25		7	7	7	18		39
	7	24				31		7	7	7	24		45
	9	9				18		7	7	9	9		32
	9	12				21		7	7	9	12		35
	9	15				24		7	7	9	15		38
	9	18				27		7	7	9	18		41
	9	24				33		7	7	9	24		47
	12	12				24		7	7	12	12		38
	12	15				27		7	7	12	15		41
	12	18				30		7	7	12	18		44
	12	24				36		7	7	15	15		44
	15	15				30		7	7	15	18		47
	15	18				33		7	9	9	9		34
	15	24				39		7	9	9	12		37
	18	18				36		7	9	9	15		40
	18	24				42		7	9	9	18		43
	24	24				48		7	9	12	12		40
	7	7	9			23		7	9	12	15		43
	7	7	12			26		7	9	12	18		46
	7	7	15			29		7	9	15	15		46
	7	7	18			32		7	12	12	12		43
	7	7	24			38		7	12	12	15		46
	7	9	9			25		9	9	9	9		36
3	7	9	12			28		9	9	9	12		39
	7	9	15			31		9	9	9	15		42
	7	9	18			34		9	9	9	18		45
	7	12	12			31		9	9	12	12		42
	7	12	15			34		9	9	12	15		45
	9	9	9			27		9	9	12	18		48
	9	9	12			30		9	9	15	15		48
	9	9	15			33		12	12	12	12		48
	9	9	18			36							
	9	12	12			33							
	9	12	15			36							
	12	12	12			36							
	7	15	15			37							
	7	15	18			40							
	7	15	24			46							
	7	18	18			43							
	9	9	9			27							
	9	9	12			30							
	9	9	15			33							
	9	9	18			36							
	9	9	24			42							
	9	12	12			33							
	9	12	15			36							
	9	12	18			39							
	9	12	24			45							
	9	15	15			39							
	9	15	18			42							
	9	15	24			48							
	9	18	18			45							
	12	12	12			36							
	12	12	15			39							
	12	12	18			42							
	12	12	24			48							
	12	15	15			42							
	12	15	18			45							
	12	18	18			48							
	15	15	15			45							
	15	15	18			48							

4. Combination Table

4-1. AJ020BXJ2CH

Cooling (Non Ducted)

Unit	Indoor Index					Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			btu/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	7	7				7,000	7,000				14,000	6,500	14,000	14,000	460	1,170	1,170	2.20	5.60	5.60	11.97
	7	9				7,100	8,900				16,000	6,500	16,000	16,000	460	1,270	1,270	2.20	6.10	6.10	12.60
	7	12				6,600	11,400				18,000	6,500	18,000	18,000	460	1,410	1,410	2.20	6.70	6.70	12.70
	7	15				5,700	12,300				18,000	6,500	18,000	18,000	460	1,410	1,410	2.20	6.70	6.70	12.70
	9	9				9,000	9,000				18,000	6,500	18,000	18,000	460	1,410	1,410	2.20	6.70	6.70	12.70
	9	12				7,700	10,300				18,000	6,500	18,000	18,000	460	1,410	1,410	2.20	6.70	6.70	12.70
	9	15				6,800	11,200				18,000	6,500	18,000	18,000	460	1,410	1,410	2.20	6.70	6.70	12.70
	12	12				9,000	9,000				18,000	6,500	18,000	18,000	460	1,410	1,410	2.20	6.70	6.70	12.70
	12	15				8,000	10,000				18,000	6,500	18,000	18,000	460	1,410	1,410	2.20	6.70	6.70	12.70

Heating (Non Ducted)

Unit	Indoor Index					Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			W/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	7	7				7,500	7,500				15,000	3,500	15,000	21,800	400	1,170	1,820	1.90	5.60	8.70	3.76
	7	9				7,500	10,900				18,400	3,500	18,400	26,400	400	1,410	2,160	1.90	6.70	10.30	3.82
	7	12				7,600	13,900				21,500	3,500	21,500	24,700	400	1,730	2,180	1.90	8.30	10.40	3.64
	7	15				7,000	15,000				22,000	3,500	22,000	25,800	400	1,760	2,270	1.90	8.40	10.90	3.66
	9	9				11,000	11,000				22,000	3,500	22,000	25,300	400	1,730	2,230	1.90	8.30	10.70	3.73
	9	12				9,400	12,600				22,000	3,500	22,000	25,500	400	1,730	2,250	1.90	8.30	10.80	3.73
	9	15				8,300	13,700				22,000	3,500	22,000	26,100	400	1,760	2,270	1.90	8.40	10.90	3.66
	12	12				11,000	11,000				22,000	3,500	22,000	25,800	400	1,760	2,270	1.90	8.40	10.90	3.66
	12	15				9,800	12,200				22,000	3,500	22,000	26,400	400	1,760	2,270	1.90	8.40	10.90	3.66

NOTE

- 1 Cooling capacity is based on 80°F(26.7°C) DB, 67°F(19.4°C) WB (indoor temperature), 95°F(35°C) DB (outdoor temperature).
- 2 Heating capacity is based on 70°F(21.1°C) DB (indoor temperature), 47°F(8.3°C) DB, 43°F(6.1°C) WB (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 27.
- 5 At least two indoor units must be connected for operation.
- 6 Refer to the table for combinations that include non-duct and slim duct indoor units.

4. Combination Table

4-1. AJ020BXJ2CH

Cooling (Ducted)

Unit	Indoor Index					Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			btu/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	9	9				9,000	9,000				18,000	6,500	18,000	18,000	460	1,540	1,540	2.20	7.40	7.40	11.69
	9	12				7,700	10,300				18,000	6,500	18,000	18,000	460	1,540	1,540	2.20	7.40	7.40	11.69
	12	12				9,000	9,000				18,000	6,500	18,000	18,000	460	1,540	1,540	2.20	7.40	7.40	11.69

Heating (Ducted)

Unit	Indoor Index					Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			W/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	9	9				11,000	11,000				22,000	3,500	22,000	25,300	400	1,850	2,290	1.90	8.90	11.00	3.49
	9	12				9,400	12,600				22,000	3,500	22,000	25,500	400	1,850	2,290	1.90	8.90	11.00	3.49
	12	12				11,000	11,000				22,000	3,500	22,000	25,800	400	1,850	2,290	1.90	8.90	11.00	3.49

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 67°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 24.
- At least two indoor units must be connected for operation.
- Ducted combination means mixing AC***BNZDCH/AA (MPAH) and AC***BNLDCH/AA (Slim Duct) units on the same system.
- If AC0**BNZDCH/AA (MPAH) is included in the combination, the combination criteria noted on page 26 must be followed.

4. Combination Table

4-2. AJ024BXJ3CH

Cooling (Non Ducted)

Unit	Indoor Index					Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			btu/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	7	7				7,000	7,000				14,000	7,500	14,000	14,000	550	1,310	1,310	2.60	6.30	6.30	10.69
	7	9				7,100	8,900				16,000	7,500	16,000	16,000	550	1,460	1,460	2.60	7.00	7.00	10.96
	7	12				6,900	12,100				19,000	7,500	19,000	19,000	550	1,830	1,830	2.60	8.80	8.80	10.38
	7	15				6,200	13,300				19,500	7,500	19,500	19,500	550	1,930	1,930	2.60	9.20	9.20	10.10
	7	18				5,600	14,400				20,000	7,500	20,000	20,000	550	1,800	1,800	2.60	8.60	8.60	11.11
	9	9				9,000	9,000				18,000	7,500	18,000	18,000	550	1,600	1,600	2.60	7.70	7.70	11.25
	9	12				8,600	11,400				20,000	7,500	20,000	20,000	550	1,870	1,870	2.60	8.90	8.90	10.70
	9	15				7,500	12,500				20,000	7,500	20,000	20,000	550	1,970	1,970	2.60	9.40	9.40	10.15
	9	18				6,700	13,300				20,000	7,500	20,000	20,000	550	1,840	1,840	2.60	8.80	8.80	10.87
	12	12				10,000	10,000				20,000	7,500	20,000	20,000	550	1,780	1,780	2.60	8.50	8.50	11.24
	12	15				8,900	11,100				20,000	7,500	20,000	20,000	550	1,840	1,840	2.60	8.80	8.80	10.87
	12	18				8,000	12,000				20,000	7,500	20,000	20,000	550	1,870	1,870	2.60	8.90	8.90	10.70
	15	15				10,000	10,000				20,000	7,500	20,000	20,000	550	1,890	1,890	2.60	9.00	9.00	10.58
3	7	7	7			7,000	7,000	7,000			21,000	7,500	21,000	21,000	550	1,850	1,850	2.60	8.90	8.90	11.35
	7	7	9			6,700	6,700	8,600			22,000	7,500	22,000	22,000	550	1,890	1,890	2.60	9.00	9.00	11.64
	7	7	12			5,900	5,900	10,200			22,000	7,500	22,000	22,000	550	1,730	1,820	2.60	8.30	8.70	12.72
	7	7	15			5,300	5,300	11,400			22,000	7,500	22,000	22,000	550	1,730	1,820	2.60	8.30	8.70	12.72
	7	9	9			6,200	7,900	7,900			22,000	7,500	22,000	22,000	550	1,730	1,820	2.60	8.30	8.70	12.72
	7	9	12			5,500	7,100	9,400			22,000	7,500	22,000	22,000	550	1,730	1,820	2.60	8.30	8.70	12.72
	7	9	15			5,000	6,400	10,600			22,000	7,500	22,000	22,000	550	1,730	1,820	2.60	8.30	8.70	12.72
	9	9	9			7,300	7,300	7,400			22,000	7,500	22,000	22,000	550	1,730	1,820	2.60	8.30	8.70	12.72
	9	9	12			6,600	6,600	8,800			22,000	7,500	22,000	22,000	550	1,730	1,820	2.60	8.30	8.70	12.72

4. Combination Table

4-2. AJ024BXJ3CH

Heating (Non Ducted)

Unit	Indoor Index					Heating Capacity (btu/h)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			W/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	7	7				7,500	7,500				15,000	4,800	15,000	20,800	460	1,280	1,940	2.20	6.10	9.30	3.43
	7	9				7,500	10,900				18,400	4,800	18,400	24,600	460	1,540	2,260	2.20	7.40	10.80	3.50
	7	12				7,600	13,900				21,500	4,800	21,500	27,500	460	1,750	2,510	2.20	8.40	12.00	3.60
	7	15				7,300	15,700				23,000	4,800	23,000	30,100	460	1,980	2,950	2.20	9.50	14.10	3.40
	7	18				6,600	16,900				23,500	4,800	23,500	28,400	460	1,740	2,770	2.20	8.30	13.30	3.96
	9	9				10,900	10,900				21,800	4,800	21,800	28,300	460	1,780	2,580	2.20	8.50	12.30	3.59
	9	12				9,900	13,100				23,000	4,800	23,000	29,700	460	1,920	2,890	2.20	9.20	13.80	3.51
	9	15				8,600	14,400				23,000	4,800	23,000	30,500	460	2,010	2,980	2.20	9.60	14.30	3.35
	9	18				7,800	15,700				23,500	4,800	23,500	28,800	460	1,770	2,800	2.20	8.50	13.40	3.89
	12	12				11,500	11,500				23,000	4,800	23,000	30,100	460	1,960	2,930	2.20	9.40	14.00	3.44
	12	15				10,400	13,100				23,500	4,800	23,500	30,900	460	2,050	3,020	2.20	9.80	14.40	3.36
	12	18				9,400	14,100				23,500	4,800	23,500	29,200	460	1,800	2,840	2.20	8.60	13.60	3.83
	15	15				11,800	11,700				23,500	4,300	23,500	29,900	390	1,850	2,930	1.90	8.90	14.00	3.72
3	7	7	7			7,500	7,500	7,500			22,500	4,300	22,500	26,500	390	1,630	2,600	1.90	7.80	12.40	4.05
	7	7	9			7,200	7,200	9,100			23,500	4,300	23,500	28,000	390	1,750	2,740	1.90	8.40	13.10	3.94
	7	7	12			6,800	6,800	11,400			25,000	4,300	25,000	28,400	390	1,780	2,780	1.90	8.50	13.30	4.12
	7	7	15			6,100	6,100	12,800			25,000	4,300	25,000	29,200	390	1,780	2,870	1.90	8.50	13.70	4.12
	7	9	9			7,000	9,000	9,000			25,000	4,300	25,000	28,800	390	1,780	2,810	1.90	8.50	13.40	4.12
	7	9	12			6,300	8,000	10,700			25,000	4,300	25,000	29,200	390	1,780	2,850	1.90	8.50	13.60	4.12
	7	9	15			5,600	7,300	12,100			25,000	4,300	25,000	29,900	390	1,780	2,940	1.90	8.50	14.10	4.12
	9	9	9			8,300	8,300	8,400			25,000	4,300	25,000	29,200	390	1,780	2,850	1.90	8.50	13.60	4.12
	9	9	12			7,500	7,500	10,000			25,000	4,300	25,000	29,600	390	1,780	2,880	1.90	8.50	13.80	4.12

NOTE

- 1 Cooling capacity is based on 80°F(26.7°C) DB, 67°F(19.4°C) WB (indoor temperature), 95°F(35°C) DB (outdoor temperature).
- 2 Heating capacity is based on 70°F(21.1°C) DB (indoor temperature), 47°F(8.3°C) DB, 43°F(6.1°C) WB (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 31.
- 5 At least two indoor units must be connected for operation.
- 6 Refer to the table for combinations that include non-duct and slim duct indoor units.

4. Combination Table

4-2. AJ024BXJ3CH

Cooling (Ducted)

Unit	Indoor Index					Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			btu/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	9	9				9,000	9,000				18,000	7,500	18,000	18,000	550	1,660	1,660	2.60	7.90	7.90	10.84
	9	12				8,600	11,400				20,000	7,500	20,000	20,000	550	1,920	1,920	2.60	9.20	9.20	10.42
	9	15				7,200	12,800				20,000	7,500	20,000	20,000	550	1,880	1,880	2.60	9.00	9.00	10.64
	9	18				6,700	13,300				20,000	7,500	20,000	20,000	550	1,990	1,990	2.60	9.50	9.50	10.05
	12	12				10,000	10,000				20,000	7,500	20,000	20,000	550	1,920	1,920	2.60	9.20	9.20	10.42
	12	18				8,000	12,000				20,000	7,500	20,000	20,000	550	2,030	2,030	2.60	9.70	9.70	9.85
3	9	9	9			7,300	7,300	7,400			22,000	7,500	22,000	22,000	550	2,180	2,180	2.60	10.40	10.40	10.09
	9	9	12			6,600	6,600	8,800			22,000	7,500	22,000	22,000	550	2,180	2,180	2.60	10.40	10.40	10.09

Heating (Ducted)

Unit	Indoor Index					Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			W/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	9	9				11,000	11,000				22,000	4,800	22,000	28,300	460	1,840	2,610	2.20	8.80	12.50	3.50
	9	12				9,900	13,100				23,000	4,800	23,000	29,700	460	1,970	3,020	2.20	9.40	14.40	3.42
	9	15				8,400	14,600				23,000	4,800	23,000	30,100	460	1,930	3,060	2.20	9.20	14.60	3.49
	9	18				7,800	15,700				23,500	4,800	23,500	28,800	460	1,800	2,980	2.20	8.60	14.30	3.83
	12	12				11,500	11,500				23,000	4,800	23,000	30,100	460	1,970	3,060	2.20	9.40	14.60	3.42
	12	18				9,400	14,100				23,500	4,800	23,500	29,200	460	1,830	3,020	2.20	8.80	14.40	3.76
3	9	9	9			8,300	8,300	8,400			25,000	4,300	25,000	29,200	390	1,810	3,030	1.90	8.70	14.50	4.05
	9	9	12			7,500	7,500	10,000			25,000	4,300	25,000	29,600	390	1,810	3,030	1.90	8.70	14.50	4.05

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 67°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 31.
- At least two indoor units must be connected for operation.
- Ducted combination means mixing AC***BNZDCH/AA (MPAH) and AC***BNLDCH/AA (Slim Duct) units on the same system.
- If AJ0**BNHDCH/AA or AC0**BNZDCH/AA (MPAH) is included in the combination, the combination criteria noted on page 26 must be followed.

4. Combination Table

4-3. AJ036BXJ4CH

Cooling (Non Ducted)

Unit	Indoor Index					Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			btu/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	7	7				7,000	7,000				14,000	9,000	14,000	14,000	670	1,290	1,290	3.20	6.20	6.20	10.85
	7	9				7,000	9,000				16,000	9,000	16,000	16,000	670	1,410	1,410	3.20	6.70	6.70	11.35
	7	12				7,000	12,000				19,000	9,000	19,000	19,000	670	1,670	1,670	3.20	8.00	8.00	11.38
	7	15				7,000	15,000				22,000	9,000	22,000	22,000	670	1,900	1,900	3.20	9.10	9.10	11.58
	7	18				7,000	18,000				25,000	9,000	25,000	25,000	670	2,070	2,070	3.20	9.90	9.90	12.08
	7	24				6,400	22,100				28,500	9,000	28,500	31,000	670	2,480	3,000	3.20	11.90	14.40	11.49
	9	9				9,000	9,000				18,000	9,000	18,000	18,000	670	1,540	1,540	3.20	7.40	7.40	11.69
	9	12				9,000	12,000				21,000	9,000	21,000	21,000	670	1,800	1,800	3.20	8.60	8.60	11.67
	9	15				9,000	15,000				24,000	9,000	24,000	24,000	670	2,030	2,030	3.20	9.70	9.70	11.82
	9	18				9,000	18,000				27,000	9,000	27,000	27,000	670	2,530	2,530	3.20	12.10	12.10	10.67
	9	24				7,800	20,700				28,500	9,000	28,500	32,000	670	2,480	3,180	3.20	11.90	15.20	11.49
	12	12				12,000	12,000				24,000	9,000	24,000	24,000	670	2,110	2,110	3.20	10.10	10.10	11.37
	12	15				12,000	15,000				27,000	9,000	27,000	27,000	670	2,660	2,660	3.20	12.70	12.70	10.15
	12	18				11,400	17,100				28,500	9,000	28,500	30,000	670	2,480	2,880	3.20	11.90	13.80	11.49
	12	24				9,500	19,000				28,500	9,000	28,500	32,000	670	2,480	3,060	3.20	11.90	14.60	11.49
	15	15				14,300	14,200				28,500	9,000	28,500	30,000	670	2,480	2,880	3.20	11.90	13.80	11.49
	15	18				13,000	15,500				28,500	9,000	28,500	32,000	670	2,480	3,180	3.20	11.90	15.20	11.49
	15	24				11,000	17,500				28,500	9,000	28,500	32,000	670	2,480	3,150	3.20	11.90	15.10	11.49
	18	18				14,300	14,200				28,500	9,000	28,500	32,000	670	2,480	3,430	3.20	11.90	16.40	11.49
	18	24				12,200	16,300				28,500	9,000	28,500	32,000	670	2,480	3,150	3.20	11.90	15.10	11.49
3	7	7	7			7,000	7,000	7,000			21,000	9,500	21,000	21,000	600	1,830	1,830	2.90	8.80	8.80	11.48
	7	7	9			7,000	7,000	9,000			23,000	9,500	23,000	23,000	600	1,950	1,950	2.90	9.30	9.30	11.79
	7	7	12			7,000	7,000	12,000			26,000	9,500	26,000	26,000	600	2,540	2,540	2.90	12.20	12.20	10.24
	7	7	15			7,100	7,100	15,300			29,500	9,500	29,500	29,500	600	2,890	2,890	2.90	13.80	13.80	10.21
	7	7	18			6,600	6,600	16,800			30,000	9,500	30,000	32,000	600	2,510	3,080	2.90	12.00	14.70	11.95
	7	7	24			5,500	5,600	18,900			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	7	9	9			7,000	9,000	9,000			25,000	9,500	25,000	25,000	600	2,080	2,080	2.90	10.00	10.00	12.02
	7	9	12			7,000	9,000	12,000			28,000	9,500	28,000	28,000	600	2,720	2,720	2.90	13.00	13.00	10.29
	7	9	15			7,000	9,000	15,000			31,000	9,500	31,000	31,000	600	3,040	3,040	2.90	14.50	14.50	10.20
	7	9	18			6,200	7,900	15,900			30,000	9,500	30,000	34,000	600	2,510	3,270	2.90	12.00	15.60	11.95
	7	9	24			5,300	6,800	17,900			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	7	12	12			7,000	12,000	12,000			31,000	9,500	31,000	31,000	600	3,060	3,060	2.90	14.60	14.60	10.13
	7	12	15			6,200	10,600	13,200			30,000	9,500	30,000	34,000	600	2,510	3,270	2.90	12.00	15.60	11.95
	7	12	18			5,700	9,700	14,600			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	7	12	24			4,900	8,400	16,700			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	7	15	15			5,700	12,200	12,100			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95

4. Combination Table

4-3. AJ036BXJ4CH

Unit	Indoor Index					Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			btu/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
3	7	15	18			5,300	11,300	13,400			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	7	18	18			4,900	12,600	12,500			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	9	9	9			9,000	9,000	9,000			27,000	9,500	27,000	27,000	600	2,540	2,540	2.90	12.20	12.20	10.63
	9	9	12			9,000	9,000	12,000			30,000	9,500	30,000	30,000	600	2,890	2,890	2.90	13.80	13.80	10.38
	9	9	15			8,200	8,200	13,600			30,000	9,500	30,000	34,000	600	2,510	3,250	2.90	12.00	15.60	11.95
	9	9	18			7,500	7,500	15,000			30,000	9,500	30,000	34,000	600	2,510	3,440	2.90	12.00	16.50	11.95
	9	9	24			6,400	6,500	17,100			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	9	12	12			8,200	10,900	10,900			30,000	9,500	30,000	34,000	600	2,510	3,250	2.90	12.00	15.60	11.95
	9	12	15			7,500	10,000	12,500			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	9	12	18			7,000	9,200	13,800			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	9	12	24			6,000	8,000	16,000			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	9	15	15			7,000	11,500	11,500			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	9	15	18			6,400	10,700	12,900			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	9	18	18			6,000	12,000	12,000			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	12	12	12			10,000	10,000	10,000			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	12	12	15			9,200	9,200	11,600			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	12	12	18			8,600	8,600	12,800			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	12	15	15			8,600	10,700	10,700			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	12	15	18			8,000	10,000	12,000			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
	15	15	15			10,000	10,000	10,000			30,000	9,500	30,000	35,000	600	2,510	3,600	2.90	12.00	17.20	11.95
4	7	7	7	7		7,000	7,000	7,000	7,000		28,000	9,500	28,000	28,000	600	2,750	2,750	2.90	13.20	13.20	10.18
	7	7	7	9		7,000	7,000	7,000	9,000		30,000	9,500	30,000	30,000	600	2,920	2,920	2.90	14.00	14.00	10.27
	7	7	7	12		6,800	6,800	6,800	11,600		32,000	9,500	32,000	33,000	600	2,560	3,280	2.90	12.20	15.70	12.50
	7	7	7	15		6,200	6,200	6,200	13,400		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	7	7	7	18		5,700	5,700	5,700	14,900		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	7	7	7	24		5,000	5,000	5,000	17,000		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	7	7	9	9		7,000	7,000	9,000	9,000		32,000	9,500	32,000	32,000	600	2,560	3,540	2.90	12.20	16.90	12.50
	7	7	9	12		6,400	6,400	8,200	11,000		32,000	9,500	32,000	35,000	600	2,560	3,450	2.90	12.20	16.50	12.50
	7	7	9	15		5,900	5,900	7,600	12,600		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	7	7	9	18		5,500	5,500	7,000	14,000		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	7	7	12	12		5,900	5,900	10,100	10,100		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	7	7	12	15		5,500	5,500	9,400	11,600		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	7	7	12	18		5,100	5,100	8,700	13,100		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	7	7	15	15		5,100	5,100	10,900	10,900		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	7	9	9	9		6,500	8,500	8,500	8,500		32,000	9,500	32,000	34,000	600	2,560	3,280	2.90	12.20	15.70	12.50
	7	9	9	12		6,100	7,800	7,800	10,300		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	7	9	9	15		5,600	7,200	7,200	12,000		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	7	9	9	18		5,200	6,700	6,700	13,400		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	7	9	12	12		5,600	7,200	9,600	9,600		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	7	9	12	15		5,200	6,700	8,900	11,200		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	7	12	12	12		5,300	8,900	8,900	8,900		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	9	9	9	9		8,000	8,000	8,000	8,000		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	9	9	9	12		7,400	7,400	7,400	9,800		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	9	9	9	15		6,900	6,900	6,900	11,300		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	9	9	9	18		6,400	6,400	6,400	12,800		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	9	9	12	12		6,900	6,900	9,100	9,100		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	9	9	12	15		6,400	6,400	8,500	10,700		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50
	9	12	12	12		6,500	8,500	8,500	8,500		32,000	9,500	32,000	36,000	600	2,560	3,600	2.90	12.20	17.20	12.50

4. Combination Table

4-3. AJ036BXJ4CH

Heating (Non Ducted)

Unit	Indoor Index					Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			W/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	7	7				7,900	7,900				15,800	7,600	15,800	19,800	450	1,430	2,070	2.20	6.80	9.90	3.24
	7	9				8,300	10,600				18,900	7,600	18,900	23,300	450	1,650	2,400	2.20	7.90	11.50	3.36
	7	12				7,900	13,500				21,400	7,600	21,400	25,900	450	1,820	2,640	2.20	8.70	12.60	3.45
	7	15				7,800	16,700				24,500	7,600	24,500	29,400	450	2,030	2,980	2.20	9.70	14.30	3.54
	7	18				7,700	19,900				27,600	7,600	27,600	35,500	450	2,480	3,570	2.20	11.90	17.10	3.26
	7	24				7,100	24,400				31,500	7,600	31,500	34,500	450	2,770	3,380	2.20	13.30	16.20	3.33
	9	9				11,000	11,000				22,000	7,600	22,000	26,400	450	1,860	2,690	2.20	8.90	12.90	3.47
	9	12				10,500	14,000				24,500	7,600	24,500	29,400	450	2,030	2,980	2.20	9.70	14.30	3.54
	9	15				10,100	16,900				27,000	7,600	27,000	32,000	450	2,210	3,220	2.20	10.60	15.40	3.58
	9	18				10,200	20,500				30,700	7,600	30,700	32,000	450	2,560	3,150	2.20	12.20	15.10	3.51
	9	24				8,700	23,300				32,000	7,600	32,000	37,400	450	2,980	3,650	2.20	14.30	17.50	3.15
	12	12				13,500	13,500				27,000	7,600	27,000	32,000	450	2,210	3,220	2.20	10.60	15.40	3.58
	12	15				13,600	17,100				30,700	7,600	30,700	32,000	450	2,560	3,150	2.20	12.20	15.10	3.51
	12	18				12,400	18,600				31,000	7,600	31,000	32,300	450	2,720	3,340	2.20	13.00	16.00	3.34
	12	24				11,300	22,500				33,800	7,600	33,800	37,400	450	3,140	3,830	2.20	15.00	18.30	3.15
	15	15				15,500	15,500				31,000	7,600	31,000	32,300	450	2,720	3,340	2.20	13.00	16.00	3.34
	15	18				14,500	17,500				32,000	7,600	32,000	37,400	450	2,980	3,650	2.20	14.30	17.50	3.15
	15	24				13,500	21,500				35,000	7,600	35,000	37,400	450	3,080	3,860	2.20	14.70	18.50	3.33
	18	18				16,900	16,900				33,800	7,600	33,800	37,400	450	3,220	3,840	2.20	15.40	18.40	3.08
	18	24				15,000	20,000				35,000	7,600	35,000	37,400	450	3,080	3,860	2.20	14.70	18.50	3.33
3	7	7	7			7,500	7,500	7,600			22,600	7,600	22,600	27,400	450	1,970	2,820	2.20	9.40	13.50	3.36
	7	7	9			7,900	7,900	10,000			25,800	7,600	25,800	30,400	450	2,190	3,100	2.20	10.50	14.80	3.45
	7	7	12			7,600	7,600	13,100			28,300	7,600	28,300	30,800	450	2,450	3,040	2.20	11.70	14.50	3.39
	7	7	15			7,900	7,900	17,000			32,800	7,600	32,800	34,100	450	2,820	3,370	2.20	13.50	16.10	3.41
	7	7	18			7,400	7,400	19,100			33,900	7,600	33,900	34,900	450	2,910	3,440	2.20	13.90	16.50	3.41
	7	7	24			6,400	6,400	22,200			35,000	7,600	35,000	40,000	450	2,510	3,790	2.20	12.00	18.10	4.09
	7	9	9			8,100	10,400	10,400			28,900	7,600	28,900	30,300	450	2,490	3,010	2.20	11.90	14.40	3.40
	7	9	12			7,800	10,100	13,400			31,300	7,600	31,300	32,400	450	2,650	3,190	2.20	12.70	15.30	3.46
	7	9	15			7,500	9,700	16,100			33,300	7,600	33,300	34,500	450	2,840	3,380	2.20	13.60	16.20	3.44
	7	9	18			7,200	9,300	18,500			35,000	7,600	35,000	37,800	450	2,510	3,700	2.20	12.00	17.70	4.09
	7	9	24			6,100	7,900	21,000			35,000	7,600	35,000	40,000	450	2,510	3,830	2.20	12.00	18.30	4.09
	7	12	12			7,500	12,900	12,900			33,300	7,600	33,300	34,500	450	2,840	3,380	2.20	13.60	16.20	3.44
	7	12	15			7,200	12,400	15,400			35,000	7,600	35,000	37,800	450	2,510	3,700	2.20	12.00	17.70	4.09
	7	12	18			6,600	11,400	17,000			35,000	7,600	35,000	39,900	450	2,510	3,890	2.20	12.00	18.60	4.09
	7	12	24			5,700	9,800	19,500			35,000	7,600	35,000	40,000	450	2,510	3,900	2.20	12.00	18.70	4.09
	7	15	15			6,600	14,200	14,200			35,000	7,600	35,000	39,900	450	2,510	3,890	2.20	12.00	18.60	4.09
	7	15	18			6,100	13,100	15,800			35,000	7,600	35,000	40,000	450	2,510	3,830	2.20	12.00	18.30	4.09
	7	18	18			5,700	14,700	14,600			35,000	7,600	35,000	40,000	450	2,510	3,900	2.20	12.00	18.70	4.09
	9	9	9			10,600	10,600	10,600			31,800	7,600	31,800	32,800	450	2,690	3,230	2.20	12.90	15.50	3.46
	9	9	12			10,200	10,200	13,500			33,900	7,600	33,900	34,900	450	2,890	3,420	2.20	13.80	16.40	3.44
	9	9	15			9,500	9,600	15,900			35,000	7,600	35,000	37,400	450	2,510	3,650	2.20	12.00	17.50	4.09

4. Combination Table

4-3. AJ036BXJ4CH

Unit	Indoor Index					Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			W/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
3	9	9	18			8,800	8,800	17,400			35,000	7,600	35,000	40,000	450	2,510	3,780	2.20	12.00	18.10	4.09
	9	9	24			7,500	7,500	20,000			35,000	7,600	35,000	40,000	450	2,510	3,900	2.20	12.00	18.70	4.09
	9	12	12			9,600	12,700	12,700			35,000	7,600	35,000	37,400	450	2,510	3,650	2.20	12.00	17.50	4.09
	9	12	15			8,800	11,700	14,500			35,000	7,600	35,000	39,500	450	2,510	3,830	2.20	12.00	18.30	4.09
	9	12	18			8,100	10,800	16,100			35,000	7,600	35,000	40,000	450	2,510	3,820	2.20	12.00	18.30	4.09
	9	12	24			7,000	9,300	18,700			35,000	7,600	35,000	40,000	450	2,510	3,900	2.20	12.00	18.70	4.09
	9	15	15			8,000	13,500	13,500			35,000	7,600	35,000	40,000	450	2,510	3,820	2.20	12.00	18.30	4.09
	9	15	18			7,500	12,500	15,000			35,000	7,600	35,000	40,000	450	2,510	3,860	2.20	12.00	18.50	4.09
	9	18	18			7,000	14,000	14,000			35,000	7,600	35,000	40,000	450	2,510	3,900	2.20	12.00	18.70	4.09
	12	12	12			11,700	11,700	11,600			35,000	7,600	35,000	39,500	450	2,510	3,830	2.20	12.00	18.30	4.09
	12	12	15			10,800	10,800	13,400			35,000	7,600	35,000	40,000	450	2,510	3,820	2.20	12.00	18.30	4.09
	12	12	18			10,000	10,000	15,000			35,000	7,600	35,000	40,000	450	2,510	3,860	2.20	12.00	18.50	4.09
	12	15	15			10,000	12,500	12,500			35,000	7,600	35,000	40,000	450	2,510	3,860	2.20	12.00	18.50	4.09
	12	15	18			9,300	11,700	14,000			35,000	7,600	35,000	40,000	450	2,510	3,900	2.20	12.00	18.70	4.09
	15	15	15			11,700	11,700	11,600			35,000	7,600	35,000	40,000	450	2,510	3,900	2.20	12.00	18.70	4.09

4. Combination Table

4-3. AJ036BXJ4CH

Unit	Indoor Index					Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	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		7,400	7,400	7,400	7,300		29,500	7,600	29,500	30,800	450	2,560	3,070	2.20	12.20	14.70	3.38
	7	7	7	9		7,500	7,500	7,500	9,800		32,300	7,600	32,300	33,300	450	2,790	3,300	2.20	13.30	15.80	3.39
	7	7	7	12		7,300	7,300	7,300	12,500		34,400	7,600	34,400	35,700	450	2,960	3,530	2.20	14.20	16.90	3.41
	7	7	7	15		7,000	7,000	7,000	15,000		36,000	7,600	36,000	42,000	450	2,550	3,830	2.20	12.20	18.30	4.14
	7	7	7	18		6,500	6,500	6,500	16,500		36,000	7,600	36,000	42,000	450	2,550	3,660	2.20	12.20	17.50	4.14
	7	7	7	24		5,600	5,600	5,600	19,200		36,000	7,600	36,000	42,000	450	2,550	3,770	2.20	12.20	18.00	4.14
	7	7	9	9		7,600	7,700	9,800	9,800		34,900	7,600	34,900	36,200	450	3,000	3,560	2.20	14.40	17.00	3.41
	7	7	9	12		7,200	7,200	9,300	12,300		36,000	7,600	36,000	38,200	450	2,550	3,750	2.20	12.20	17.90	4.14
	7	7	9	15		6,600	6,600	8,600	14,200		36,000	7,600	36,000	42,000	450	2,550	3,790	2.20	12.20	18.10	4.14
	7	7	9	18		6,100	6,100	8,000	15,800		36,000	7,600	36,000	42,000	450	2,550	3,730	2.20	12.20	17.80	4.14
	7	7	12	12		6,600	6,600	11,400	11,400		36,000	7,600	36,000	42,000	450	2,550	3,790	2.20	12.20	18.10	4.14
	7	7	12	15		6,100	6,100	10,600	13,200		36,000	7,600	36,000	42,000	450	2,550	3,730	2.20	12.20	17.80	4.14
	7	7	12	18		5,700	5,700	9,900	14,700		36,000	7,600	36,000	42,000	450	2,550	3,760	2.20	12.20	18.00	4.14
	7	7	15	15		5,700	5,700	12,300	12,300		36,000	7,600	36,000	42,000	450	2,550	3,760	2.20	12.20	18.00	4.14
	7	9	9	9		7,500	9,500	9,500	9,500		36,000	7,600	36,000	38,700	450	2,550	3,790	2.20	12.20	18.10	4.14
	7	9	9	12		6,800	8,800	8,800	11,600		36,000	7,600	36,000	42,000	450	2,550	3,790	2.20	12.20	18.10	4.14
	7	9	9	15		6,300	8,100	8,100	13,500		36,000	7,600	36,000	42,000	450	2,550	3,830	2.20	12.20	18.30	4.14
	7	9	9	18		5,900	7,500	7,500	15,100		36,000	7,600	36,000	42,000	450	2,550	3,760	2.20	12.20	18.00	4.14
	7	9	12	12		6,300	8,100	10,800	10,800		36,000	7,600	36,000	42,000	450	2,550	3,830	2.20	12.20	18.30	4.14
	7	9	12	15		5,900	7,500	10,000	12,600		36,000	7,600	36,000	42,000	450	2,550	3,900	2.20	12.20	18.70	4.14
	7	12	12	12		6,000	10,000	10,000	10,000		36,000	7,600	36,000	42,000	450	2,550	3,900	2.20	12.20	18.70	4.14
	9	9	9	9		9,000	9,000	9,000	9,000		36,000	7,600	36,000	42,000	450	2,550	3,830	2.20	12.20	18.30	4.14
	9	9	9	12		8,300	8,300	8,300	11,100		36,000	7,600	36,000	42,000	450	2,550	3,870	2.20	12.20	18.50	4.14
	9	9	9	15		7,700	7,700	7,700	12,900		36,000	7,600	36,000	42,000	450	2,550	3,900	2.20	12.20	18.70	4.14
	9	9	9	18		7,200	7,200	7,200	14,400		36,000	7,600	36,000	42,000	450	2,550	3,800	2.20	12.20	18.20	4.14
	9	9	12	12		7,700	7,700	10,300	10,300		36,000	7,600	36,000	42,000	450	2,550	3,900	2.20	12.20	18.70	4.14
	9	9	12	15		7,200	7,200	9,600	12,000		36,000	7,600	36,000	42,000	450	2,550	3,900	2.20	12.20	18.70	4.14
	9	12	12	12		7,200	9,600	9,600	9,600		36,000	7,600	36,000	42,000	450	2,550	3,900	2.20	12.20	18.70	4.14

NOTE

- Cooling capacity is based on 80°F(26.7°C) DB, 67°F(19.4°C) WB (indoor temperature), 95°F(35°C) DB (outdoor temperature).
- Heating capacity is based on 70°F(21.1°C) DB (indoor temperature), 47°F(8.3°C) DB, 43°F(6.1°C) WB (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 45.
- At least two indoor units must be connected for operation.
- Refer to the table for combinations that include non-duct and slim duct indoor units.

4. Combination Table

4-3. AJ036BXJ4CH

Cooling (Ducted)

Unit	IndoorIndex					CoolingCapacity(btu)						Capacity			PowerConsumption			Current			EER
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			btu/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	9	9				9,000	9,000				18,000	9,000	18,000	18,000	670	1,560	1,560	3.20	7.50	7.50	11.54
	9	12				9,000	12,000				21,000	9,000	21,000	21,000	670	1,800	1,800	3.20	8.60	8.60	11.67
	9	15				8,700	15,300				24,000	9,000	24,000	24,000	670	2,070	2,070	3.20	9.90	9.90	11.59
	9	18				8,300	16,700				25,000	9,000	25,000	25,000	670	2,620	2,620	3.20	12.50	12.50	9.54
	9	24				8,600	23,400				32,000	9,000	32,000	32,000	670	3,150	3,150	3.20	15.10	15.10	10.16
	12	12				12,000	12,000				24,000	9,000	24,000	24,000	670	2,180	2,180	3.20	10.40	10.40	11.01
	12	15				11,100	13,900				25,000	9,000	25,000	25,000	670	2,550	2,550	3.20	12.20	12.20	9.80
	12	18				11,200	16,800				28,000	9,000	28,000	28,000	670	2,960	2,960	3.20	14.20	14.20	9.46
	12	24				11,000	21,500				32,500	9,000	32,500	32,500	670	3,400	3,400	3.20	16.30	16.30	9.56
	15	18				15,000	17,000				32,000	9,000	32,000	32,000	670	3,220	3,220	3.20	15.40	15.40	9.94
	18	18				16,300	16,200				32,500	9,000	32,500	32,500	670	3,550	3,550	3.20	17.00	17.00	9.15
3	9	9	9			8,800	8,800	8,900			26,500	9,500	26,500	26,500	600	2,370	2,370	2.90	11.30	11.30	11.18
	9	9	12			8,400	8,400	11,200			28,000	9,500	28,000	28,000	600	2,970	2,970	2.90	14.20	14.20	9.43
	9	9	15			8,700	8,700	14,500			31,900	9,500	32,000	32,000	600	3,320	3,320	2.90	15.90	15.90	9.64
	9	9	18			8,100	8,100	16,300			32,500	9,500	32,500	32,500	600	3,560	3,560	2.90	17.00	17.00	9.13
	9	12	12			8,800	11,600	11,600			32,000	9,500	32,000	32,000	600	3,320	3,320	2.90	15.90	15.90	9.64
	9	12	15			8,200	10,800	13,500			32,500	9,500	32,500	32,500	600	3,560	3,560	2.90	17.00	17.00	9.13
	9	12	18			7,500	10,000	15,000			32,500	9,500	32,500	32,500	600	3,600	3,600	2.90	17.20	17.20	9.03
	9	18	18			6,500	13,000	13,000			32,500	9,500	32,500	32,500	600	3,600	3,600	2.90	17.20	17.20	9.03
	12	12	12			10,800	10,800	10,900			32,500	9,500	32,500	32,500	600	3,600	3,600	2.90	17.20	17.20	9.03
	12	12	18			9,300	9,300	13,900			32,500	9,500	32,500	32,500	600	3,600	3,600	2.90	17.20	17.20	9.03
4	9	9	9	9		8,500	8,500	8,500	8,500		34,000	9,500	34,000	34,000	600	3,650	3,650	2.90	17.50	17.50	9.32
	9	9	9	12		7,800	7,800	7,800	10,600		34,000	9,500	34,000	34,000	600	3,650	3,650	2.90	17.50	17.50	9.32
	9	9	9	18		6,800	6,800	6,800	13,600		34,000	9,500	34,000	34,000	600	3,650	3,650	2.90	17.50	17.50	9.32
	9	9	12	12		7,300	7,300	9,700	9,700		34,000	9,500	34,000	34,000	600	3,650	3,650	2.90	17.50	17.50	9.32
	9	12	12	12		6,700	9,100	9,100	9,100		34,000	9,500	34,000	34,000	600	3,650	3,650	2.90	17.50	17.50	9.32

4. Combination Table

4-3. AJ036BXJ4CH

Heating (Ducted)

Unit	IndoorIndex					HeatingCapacity(btu)						Capacity			PowerConsumption			Current			COP
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			W/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	9	9				11,000	11,000				22,000	7,600	22,000	26,400	450	1,830	2,700	2.20	8.80	12.90	3.52
	9	12				10,500	14,000				24,500	7,600	24,500	29,400	450	2,030	2,970	2.20	9.70	14.20	3.54
	9	15				10,700	18,800				29,500	7,600	29,500	32,500	451	2,140	3,250	2.20	10.20	15.60	4.04
	9	18				10,100	20,300				30,400	7,600	30,400	31,600	450	2,770	3,160	2.20	13.30	15.10	3.22
	9	24				10,600	26,400				37,000	7,600	37,000	34,900	451	2,820	3,350	2.20	13.50	16.00	3.85
	12	12				13,500	13,500				27,000	7,600	27,000	32,500	450	2,180	3,250	2.20	10.40	15.60	3.63
	12	15				13,300	18,700				32,000	7,600	32,000	31,600	451	2,570	3,060	2.20	12.30	14.60	3.65
	12	18				12,800	19,200				32,000	7,600	32,000	32,800	450	2,890	3,270	2.20	13.80	15.60	3.25
	12	24				13,200	26,300				39,500	7,600	39,500	36,200	451	2,940	3,460	2.20	14.10	16.60	3.94
	15	18				18,500	19,800				38,300	7,600	38,300	34,900	451	2,820	3,350	2.20	13.50	16.00	3.98
	18	18				17,600	17,500				35,100	7,600	35,100	36,200	450	3,210	3,630	2.20	15.40	17.40	3.20
3	9	9	9			10,500	10,500	10,500			31,500	7,600	31,500	32,400	450	2,860	3,240	2.20	13.70	15.50	3.23
	9	9	12			9,800	9,800	12,900			32,500	7,600	32,500	33,700	450	2,940	3,350	2.20	14.10	16.00	3.24
	9	9	15			9,200	9,200	15,200			33,600	7,600	33,600	34,900	450	3,030	3,460	2.20	14.50	16.60	3.25
	9	9	18			9,000	9,000	18,000			36,000	7,600	36,000	38,000	450	2,970	3,550	2.20	14.20	17.00	3.55
	9	12	12			9,200	12,200	12,200			33,600	7,600	33,600	34,900	450	3,030	3,460	2.20	14.50	16.60	3.25
	9	12	15			9,000	12,000	15,000			36,000	7,600	36,000	38,000	450	2,970	3,550	2.20	14.20	17.00	3.55
	9	12	18			8,300	11,100	16,600			36,000	7,600	36,000	38,000	450	2,980	3,580	2.20	14.30	17.10	3.54
	9	18	18			7,200	14,400	14,400			36,000	7,600	36,000	38,000	450	3,120	3,650	2.20	14.90	17.50	3.38
	12	12	12			11,600	11,600	11,700			34,900	7,600	34,900	36,200	450	3,150	3,570	2.20	15.10	17.10	3.25
	12	12	18			10,300	10,300	15,400			36,000	7,600	36,000	38,000	450	3,010	3,620	2.20	14.40	17.30	3.51
	12	12	12	12		10,300	10,300	15,400			36,000	7,600	36,000	38,000	450	3,010	3,620	2.20	14.40	17.30	3.51
4	9	9	9	9		9,000	9,000	9,000	9,000		36,000	7,600	36,000	38,000	450	2,980	3,590	2.20	14.30	17.20	3.54
	9	9	9	12		8,300	8,300	8,300	11,100		36,000	7,600	36,000	38,000	450	3,020	3,630	2.20	14.40	17.40	3.49
	9	9	9	18		7,200	7,200	7,200	14,400		36,000	7,600	36,000	38,000	450	3,050	3,560	2.20	14.60	17.00	3.46
	9	9	12	12		7,700	7,700	10,300	10,300		36,000	7,600	36,000	38,000	450	3,060	3,650	2.20	14.60	17.50	3.45
	9	12	12	12		7,200	9,600	9,600	9,600		36,000	7,600	36,000	38,000	450	3,060	3,650	2.20	14.60	17.50	3.45

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 67°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 45.
- At least two indoor units must be connected for operation.
- Ducted combination means mixing AC***BNZDCH/AA (MPAH) and AC***BNLDCH/AA (Slim Duct) units on the same system.
- If AJ0**BNHDCH/AA or AC0**BNZDCH/AA (MPAH) is included in the combination, the combination criteria noted on page 26 must be followed.

4. Combination Table

4-4. AJ048BXJ5CH

Cooling (Non Ducted)

Unit	Indoor Index					Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			btu/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	7	7				7,000	7,000				14,000	9,000	14,000	14,700	650	1,140	1,250	3.10	5.50	6.00	12.28
	7	9				7,000	9,000				16,000	9,000	16,000	16,800	651	1,250	1,380	3.10	6.00	6.60	12.80
	7	12				7,000	12,000				19,000	9,000	19,000	19,950	652	1,460	1,610	3.10	7.00	7.70	13.01
	7	15				7,000	15,000				22,000	9,000	22,000	23,100	653	1,670	1,840	3.10	8.00	8.80	13.17
	7	18				6,700	17,400				24,100	9,000	24,100	25,310	654	1,800	1,980	3.10	8.60	9.50	13.39
	7	24				6,500	22,500				29,000	9,000	29,000	30,450	655	2,720	2,990	3.10	13.00	14.30	10.66
	9	9				9,000	9,000				18,000	9,000	18,000	18,900	656	1,350	1,490	3.10	6.50	7.10	13.33
	9	12				9,000	12,000				21,000	9,000	21,000	22,050	657	1,560	1,720	3.10	7.50	8.20	13.46
	9	15				9,000	15,000				24,000	9,000	24,000	25,200	658	1,770	1,950	3.10	8.50	9.30	13.56
	9	18				8,700	17,400				26,100	9,000	26,100	27,410	659	2,260	2,490	3.20	10.80	11.90	11.55
	9	24				8,500	22,500				31,000	9,000	31,000	32,550	660	2,880	3,170	3.20	13.80	15.20	10.76
	12	12				12,000	12,000				24,000	9,000	24,000	25,200	661	1,770	1,950	3.20	8.50	9.30	13.56
	12	15				12,000	15,000				27,000	9,000	27,000	28,350	662	2,380	2,620	3.20	11.40	12.50	11.34
	12	18				11,600	17,500				29,100	9,000	29,100	30,560	663	2,560	2,820	3.20	12.20	13.50	11.37
	12	24				11,300	22,700				34,000	9,000	34,000	35,700	664	3,420	3,760	3.20	16.40	18.00	9.94
	15	15				15,000	15,000				30,000	9,000	30,000	31,500	665	2,730	3,000	3.20	13.10	14.40	10.99
	15	18				14,600	17,500				32,100	9,000	32,100	33,710	666	2,910	3,200	3.20	13.90	15.30	11.03
	15	24				14,200	22,800				37,000	9,000	37,000	38,850	667	3,490	3,840	3.20	16.70	18.40	10.60
	18	18				17,100	17,100				34,200	9,000	34,200	35,910	668	3,100	3,410	3.20	14.80	16.30	11.03
	18	24				16,800	22,300				39,100	9,000	39,100	41,060	669	3,520	3,870	3.20	16.80	18.50	11.11
	24	24				22,000	22,000				44,000	9,000	44,000	46,200	670	4,400	4,750	3.20	21.10	22.70	10.00
3	7	7	7			7,000	7,000	7,000			21,000	9,500	21,000	22,050	600	1,860	2,050	2.90	8.90	9.80	11.29
	7	7	9			7,000	7,000	9,000			23,000	9,500	23,000	24,150	600	2,000	2,200	2.90	9.60	10.50	11.50
	7	7	12			7,000	7,000	12,000			26,000	9,500	26,000	27,300	600	2,220	2,440	2.90	10.60	11.70	11.71
	7	7	15			7,000	7,000	15,000			29,000	9,500	29,000	30,450	600	2,510	2,760	2.90	12.00	13.20	11.55
	7	7	18			7,000	7,000	18,000			32,000	9,500	32,000	33,600	600	2,750	3,030	2.90	13.20	14.50	11.64
	7	7	24			7,000	7,000	24,000			38,000	9,500	38,000	39,900	600	4,170	4,590	2.90	20.00	22.00	9.11
	7	9	9			7,000	9,000	9,000			25,000	9,500	25,000	26,250	600	2,120	2,330	2.90	10.10	11.10	11.79
	7	9	12			7,000	9,000	12,000			28,000	9,500	28,000	29,400	600	2,370	2,610	2.90	11.30	12.50	11.81
	7	9	15			7,000	9,000	15,000			31,000	9,500	31,000	32,550	600	2,720	2,990	2.90	13.00	14.30	11.40
	7	9	18			7,000	9,000	18,000			34,000	9,500	34,000	35,700	600	2,890	3,180	2.90	13.80	15.20	11.76
	7	9	24			7,000	9,000	24,000			40,000	9,500	40,000	42,000	600	4,190	4,610	2.90	20.00	22.10	9.55
	7	12	12			7,000	12,000	12,000			31,000	9,500	31,000	32,550	600	2,730	3,000	2.90	13.10	14.40	11.36
	7	12	15			7,000	12,000	15,000			34,000	9,500	34,000	35,700	600	3,020	3,320	2.90	14.40	15.90	11.26
	7	12	18			7,000	12,000	18,000			37,000	9,500	37,000	38,850	600	3,390	3,730	2.90	16.20	17.80	10.91
	7	12	24			7,000	12,000	24,000			43,000	9,500	43,000	45,150	600	4,240	4,660	2.90	20.30	22.30	10.14
	7	15	15			7,000	15,000	15,000			37,000	9,500	37,000	38,850	600	3,430	3,770	2.90	16.40	18.00	10.79
	7	15	18			7,000	15,000	18,000			40,000	9,500	40,000	42,000	600	4,210	4,630	2.90	20.10	22.20	9.50
	7	15	24			7,000	15,000	24,000			46,000	9,500	46,000	48,200	600	4,320	4,750	2.90	20.70	22.70	10.65
	7	18	18			7,000	18,000	18,000			43,000	9,500	43,000	45,150	600	4,240	4,660	2.90	20.30	22.30	10.14

4. Combination Table

4-4. AJ048BXJ5CH

Unit	Indoor Index					Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			btu/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
3	7	18	24			6,700	17,300	23,000			47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	24	24			6,000	20,500	20,500			47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	9			9,000	9,000	9,000			27,000	9,500	27,000	28,350	600	2,220	2,440	2.90	10.60	11.70	12.16
	9	9	12			9,000	9,000	12,000			30,000	9,500	30,000	31,500	600	2,520	2,770	2.90	12.10	13.30	11.90
	9	9	15			9,000	9,000	15,000			33,000	9,500	33,000	34,650	600	2,860	3,150	2.90	13.70	15.10	11.54
	9	9	18			9,000	9,000	18,000			36,000	9,500	36,000	37,800	600	3,050	3,360	2.90	14.60	16.10	11.80
	9	9	24			9,000	9,000	24,000			42,000	9,500	42,000	44,100	600	4,220	4,640	2.90	20.20	22.20	9.95
	9	12	12			9,000	12,000	12,000			33,000	9,500	33,000	34,650	600	2,870	3,160	2.90	13.70	15.10	11.50
	9	12	15			9,000	12,000	15,000			36,000	9,500	36,000	37,800	600	4,140	4,550	2.90	19.80	21.80	8.70
	9	12	18			9,000	12,000	18,000			39,000	9,500	39,000	40,950	600	4,170	4,590	2.90	20.00	22.00	9.35
	9	12	24			9,000	12,000	24,000			45,000	9,500	45,000	47,250	600	4,270	4,700	2.90	20.40	22.50	10.54
	9	15	15			9,000	15,000	15,000			39,000	9,500	39,000	40,950	600	4,200	4,620	2.90	20.10	22.10	9.29
	9	15	18			9,000	15,000	18,000			42,000	9,500	42,000	44,100	600	4,230	4,650	2.90	20.20	22.20	9.93
	9	15	24			8,800	14,700	23,500			47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	18	18			9,000	18,000	18,000			45,000	9,500	45,000	47,250	600	4,260	4,690	2.90	20.40	22.40	10.56
	9	18	24			8,300	16,600	22,100			47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	24	24			7,400	19,800	19,800			47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	12	12	12			12,000	12,000	12,000			36,000	9,500	36,000	37,800	600	3,370	3,710	2.90	16.10	17.80	10.68
	12	12	15			12,000	12,000	15,000			39,000	9,500	39,000	40,950	600	4,190	4,610	2.90	20.00	22.10	9.31
	12	12	18			12,000	12,000	18,000			42,000	9,500	42,000	44,100	600	4,220	4,640	2.90	20.20	22.20	9.95
	12	12	24			11,800	11,800	23,400			47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	12	15	15			12,000	15,000	15,000			42,000	9,500	42,000	44,100	600	4,250	4,680	2.90	20.30	22.40	9.88
	12	15	18			12,000	15,000	18,000			45,000	9,500	45,000	47,250	600	4,280	4,710	2.90	20.50	22.50	10.51
	12	15	24			11,100	13,800	22,100			47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	12	18	18			11,800	17,600	17,600			47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	12	18	24			10,400	15,700	20,900			47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	15	15	15			15,000	15,000	15,000			45,000	9,500	45,000	47,250	600	4,330	4,750	2.90	20.70	22.70	10.39
	15	15	18			14,700	14,700	17,600			47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	15	15	24			13,100	13,100	20,800			47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	15	18	18			13,800	16,600	16,600			47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	15	18	24			12,400	14,800	19,800			47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	18	18	18			15,700	15,700	15,600			47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
4	7	7	7	7		7,000	7,000	7,000	7,000		28,000	9,500	28,000	30,800	599	2,600	2,860	2.90	12.40	13.70	10.77
	7	7	7	9		7,000	7,000	7,000	9,000		30,000	9,500	30,000	33,000	600	2,760	3,040	2.90	13.20	14.50	10.87
	7	7	7	12		7,000	7,000	7,000	12,000		33,000	9,500	33,000	36,300	600	3,140	3,450	2.90	15.00	16.50	10.51
	7	7	7	15		7,000	7,000	7,000	15,000		36,000	9,500	36,000	39,600	600	4,050	4,460	2.90	19.40	21.30	8.89
	7	7	7	18		7,000	7,000	7,000	18,000		39,000	9,500	39,000	42,900	600	4,080	4,490	2.90	19.50	21.50	9.56
	7	7	7	24		7,000	7,000	7,000	24,000		45,000	9,500	45,000	48,200	600	4,180	4,600	2.90	20.00	22.00	10.77
	7	7	9	9		7,000	7,000	9,000	9,000		32,000	9,500	32,000	35,200	600	2,980	3,280	2.90	14.30	15.70	10.74
	7	7	9	12		7,000	7,000	9,000	12,000		35,000	9,500	35,000	38,500	600	3,300	3,630	2.90	15.80	17.40	10.61
	7	7	9	15		7,000	7,000	9,000	15,000		38,000	9,500	38,000	41,800	600	4,070	4,480	2.90	19.50	21.40	9.34
	7	7	9	18		7,000	7,000	9,000	18,000		41,000	9,500	41,000	45,100	600	4,100	4,510	2.90	19.60	21.60	10.00
	7	7	9	24		7,000	7,000	9,000	24,000		47,000	9,500	47,000	48,200	600	4,200	4,620	2.90	20.10	22.10	11.19
	7	7	12	12		7,000	7,000	12,000	12,000		38,000	9,500	38,000	41,800	600	4,060	4,470	2.90	19.40	21.40	9.36
	7	7	12	15		7,000	7,000	12,000	15,000		41,000	9,500	41,000	45,100	600	4,120	4,530	2.90	19.70	21.70	9.95
	7	7	12	18		7,000	7,000	12,000	18,000		44,000	9,500	44,000	48,200	600	4,150	4,570	2.90	19.90	21.90	10.60
	7	7	12	24		6,600	6,600	11,300	22,500		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	15	15		7,000	7,000	15,000	15,000		44,000	9,500	44,000	48,200	600	4,190	4,610	2.90	20.00	22.10	10.50

4. Combination Table

4-4. AJ048BXJ5CH

Unit	Indoor Index					Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			btu/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
4	7	7	15	18		7,000	7,000	15,000	18,000		47,000	9,500	47,000	48,200	600	4,220	4,640	2.90	20.20	22.20	11.14
	7	7	15	24		6,200	6,200	13,300	21,300		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	18	18		6,600	6,600	16,900	16,900		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	18	24		5,900	5,900	15,100	20,100		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	9	9	9		7,000	9,000	9,000	9,000		34,000	9,500	34,000	37,400	600	3,140	3,450	2.90	15.00	16.50	10.83
	7	9	9	12		7,000	9,000	9,000	12,000		37,000	9,500	37,000	40,700	600	4,030	4,430	2.90	19.30	21.20	9.18
	7	9	9	15		7,000	9,000	9,000	15,000		40,000	9,500	40,000	44,000	600	4,100	4,510	2.90	19.60	21.60	9.76
	7	9	9	18		7,000	9,000	9,000	18,000		43,000	9,500	43,000	47,300	600	4,130	4,540	2.90	19.80	21.70	10.41
	7	9	9	24		6,700	8,700	8,700	22,900		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	9	12	12		7,000	9,000	12,000	12,000		40,000	9,500	40,000	44,000	600	4,080	4,490	2.90	19.50	21.50	9.80
	7	9	12	15		7,000	9,000	12,000	15,000		43,000	9,500	43,000	47,300	600	4,150	4,570	2.90	19.90	21.90	10.36
	7	9	12	18		7,000	9,000	12,000	18,000		46,000	9,500	46,000	48,200	600	4,180	4,600	2.90	20.00	22.00	11.00
	7	9	12	24		6,300	8,200	10,800	21,700		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	9	15	15		7,000	9,000	15,000	15,000		46,000	9,500	46,000	48,200	600	4,210	4,630	2.90	20.10	22.20	10.93
	7	9	15	18		6,700	8,600	14,400	17,300		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	9	15	24		6,000	7,700	12,800	20,500		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	9	18	18		6,300	8,100	16,300	16,300		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	12	12	12		7,000	12,000	12,000	12,000		43,000	9,500	43,000	47,300	600	4,130	4,540	2.90	19.80	21.70	10.41
	7	12	12	15		7,000	12,000	12,000	15,000		46,000	9,500	46,000	48,200	600	4,200	4,620	2.90	20.10	22.10	10.95
	7	12	12	18		6,700	11,500	11,500	17,300		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	12	12	24		6,000	10,300	10,300	20,400		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	12	15	15		6,700	11,500	14,400	14,400		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	12	15	18		6,300	10,800	13,600	16,300		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	12	18	18		6,000	10,400	15,300	15,300		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	15	15	15		6,300	13,600	13,600	13,500		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	15	15	18		6,000	12,800	12,800	15,400		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	9	9		9,000	9,000	9,000	9,000		36,000	9,500	36,000	39,600	600	3,300	3,630	2.90	15.80	17.40	10.91
	9	9	9	12		9,000	9,000	9,000	12,000		39,000	9,500	39,000	42,900	600	4,060	4,470	2.90	19.40	21.40	9.61
	9	9	9	15		9,000	9,000	9,000	15,000		42,000	9,500	42,000	46,200	600	4,120	4,530	2.90	19.70	21.70	10.19
	9	9	9	18		9,000	9,000	9,000	18,000		45,000	9,500	45,000	48,200	600	4,150	4,570	2.90	19.90	21.90	10.84
	9	9	9	24		8,300	8,300	8,300	22,100		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	12	12		9,000	9,000	12,000	12,000		42,000	9,500	42,000	46,200	600	4,110	4,520	2.90	19.70	21.60	10.22
	9	9	12	15		9,000	9,000	12,000	15,000		45,000	9,500	45,000	48,200	600	4,170	4,590	2.90	20.00	22.00	10.79
	9	9	12	18		8,800	8,800	11,800	17,600		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	12	24		7,800	7,900	10,400	20,900		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	15	15		8,800	8,800	14,700	14,700		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	15	18		8,300	8,300	13,800	16,600		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	15	24		7,400	7,400	12,400	19,800		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	18	18		7,800	7,800	15,700	15,700		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	12	12	12		9,000	12,000	12,000	12,000		45,000	9,500	45,000	48,200	600	4,160	4,580	2.90	19.90	21.90	10.82
	9	12	12	15		8,800	11,800	11,800	14,600		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	12	12	18		8,300	11,100	11,100	16,500		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	12	12	24		7,400	9,900	9,900	19,800		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	12	15	15		8,300	11,100	13,800	13,800		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	12	15	18		7,800	10,400	13,100	15,700		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	12	18	18		7,400	10,000	14,800	14,800		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	15	15	15		7,800	13,100	13,100	13,000		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	15	15	18		7,400	12,400	12,400	14,800		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	12	12	12	12		11,800	11,800	11,700	11,700		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51

4. Combination Table

4-4. AJ048BXJ5CH

Unit	Indoor Index					Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			btu/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
4	12	12	12	15		11,100	11,100	11,100	13,700		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	12	12	12	18		10,400	10,400	10,400	15,800		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	12	12	15	15		10,400	10,400	13,100	13,100		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	12	12	15	18		9,900	9,900	12,400	14,800		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	12	15	15	15		9,800	12,400	12,400	12,400		47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
5	7	7	7	7	7	7,000	7,000	7,000	7,000	7,000	35,000	9,500	35,000	38,500	600	3,330	3,660	2.90	15.90	17.50	10.51
	7	7	7	7	9	7,000	7,000	7,000	7,000	9,000	37,000	9,500	37,000	40,700	600	4,060	4,470	2.90	19.40	21.40	9.11
	7	7	7	7	12	7,000	7,000	7,000	7,000	12,000	40,000	9,500	40,000	44,000	600	4,110	4,520	2.90	19.70	21.60	9.73
	7	7	7	7	15	7,000	7,000	7,000	7,000	15,000	43,000	9,500	43,000	47,300	600	4,180	4,600	2.90	20.00	22.00	10.29
	7	7	7	7	18	7,000	7,000	7,000	7,000	18,000	46,000	9,500	46,000	48,200	600	4,210	4,630	2.90	20.10	22.20	10.93
	7	7	7	7	24	6,300	6,300	6,300	6,300	21,800	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	7	9	9	7,000	7,000	7,000	9,000	9,000	39,000	9,500	39,000	42,900	600	4,090	4,500	2.90	19.60	21.50	9.54
	7	7	7	9	12	7,000	7,000	7,000	9,000	12,000	42,000	9,500	42,000	46,200	600	4,140	4,550	2.90	19.80	21.80	10.14
	7	7	7	9	15	7,000	7,000	7,000	9,000	15,000	45,000	9,500	45,000	48,200	600	4,200	4,620	2.90	20.10	22.10	10.71
	7	7	7	9	18	6,900	6,900	6,900	8,800	17,500	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	7	9	24	6,100	6,100	6,100	7,800	20,900	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	7	12	12	7,000	7,000	7,000	12,000	12,000	45,000	9,500	45,000	48,200	600	4,190	4,610	2.90	20.00	22.10	10.74
	7	7	7	12	15	6,900	6,900	6,900	11,800	14,500	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	7	12	18	6,500	6,500	6,500	11,100	16,400	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	7	12	24	5,800	5,800	5,800	9,900	19,700	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	7	15	15	6,500	6,500	6,500	13,800	13,700	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	7	15	18	6,100	6,100	6,100	13,100	15,600	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	7	18	18	5,800	5,800	5,800	14,800	14,800	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	9	9	9	7,000	7,000	9,000	9,000	9,000	41,000	9,500	41,000	45,100	600	4,110	4,520	2.90	19.70	21.60	9.98
	7	7	9	9	12	7,000	7,000	9,000	9,000	12,000	44,000	9,500	44,000	48,200	600	4,160	4,580	2.90	19.90	21.90	10.58
	7	7	9	9	15	7,000	7,000	9,000	9,000	15,000	47,000	9,500	47,000	48,200	600	4,230	4,650	2.90	20.20	22.20	11.11
	7	7	9	9	18	6,600	6,600	8,500	8,500	16,800	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	9	9	24	5,900	5,900	7,600	7,600	20,000	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	9	12	12	7,000	7,000	9,000	12,000	12,000	47,000	9,500	47,000	48,200	600	4,210	4,630	2.90	20.10	22.20	11.16
	7	7	9	12	15	6,600	6,600	8,500	11,300	14,000	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	9	12	18	6,200	6,200	8,000	10,600	16,000	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	9	15	15	6,200	6,200	8,000	13,300	13,300	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	9	15	18	5,900	5,900	7,600	12,600	15,000	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	12	12	12	6,600	6,600	11,300	11,300	11,200	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	12	12	15	6,200	6,200	10,600	10,600	13,400	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	12	12	18	5,900	5,900	10,100	10,100	15,000	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	7	12	15	15	5,900	5,900	10,000	12,600	12,600	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	9	9	9	9	7,000	9,000	9,000	9,000	9,000	43,000	9,500	43,000	47,300	600	4,140	4,550	2.90	19.80	21.80	10.39
	7	9	9	9	12	7,000	9,000	9,000	9,000	12,000	46,000	9,500	46,000	48,200	600	4,190	4,610	2.90	20.00	22.10	10.98
	7	9	9	9	15	6,800	8,600	8,600	8,600	14,400	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	9	9	9	18	6,400	8,100	8,100	8,100	16,300	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	9	9	12	12	6,800	8,600	8,600	11,500	11,500	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	9	9	12	15	6,400	8,100	8,100	10,800	13,600	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	9	9	12	18	6,000	7,700	7,700	10,300	15,300	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	9	9	15	15	6,000	7,700	7,700	12,800	12,800	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	9	12	12	12	6,500	8,100	10,800	10,800	10,800	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	9	12	12	15	6,000	7,700	10,300	10,300	12,700	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	7	12	12	12	12	6,000	10,300	10,300	10,200	10,200	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	9	9	9	9,000	9,000	9,000	9,000	9,000	45,000	9,500	45,000	48,200	600	4,160	4,580	2.90	19.90	21.90	10.82

4. Combination Table

4-4. AJ048BXJ5CH

Unit	Indoor Index					Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			btu/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
5	9	9	9	9	12	8,800	8,800	8,800	8,800	11,800	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	9	9	15	8,300	8,300	8,300	8,300	13,800	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	9	9	18	7,800	7,800	7,800	7,800	15,800	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	9	12	12	8,300	8,300	8,300	11,100	11,000	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	9	12	15	7,800	7,800	7,800	10,500	13,100	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	9	12	18	7,400	7,400	7,400	10,000	14,800	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	9	15	15	7,400	7,400	7,400	12,400	12,400	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	12	12	12	7,900	7,900	10,400	10,400	10,400	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	9	12	12	15	7,400	7,400	9,900	9,900	12,400	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51
	9	12	12	12	12	7,400	9,900	9,900	9,900	9,900	47,000	9,500	47,000	48,200	600	4,470	4,750	2.90	21.40	22.70	10.51

4. Combination Table

4-4. AJ048BXJ5CH

Heating (Non Ducted)

Unit	Indoor Index					Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			W/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	7	7				7,500	7,500				15,000	7,600	15,000	20,100	450	1,400	2,300	2.20	6.70	11.00	3.14
	7	9				8,100	10,300				18,400	7,600	18,400	23,400	450	1,690	2,600	2.20	8.10	12.40	3.19
	7	12				7,900	13,600				21,500	7,600	21,500	26,000	450	1,850	2,900	2.20	8.90	13.90	3.41
	7	15				8,100	17,400				25,500	7,600	25,500	31,300	450	2,190	3,500	2.20	10.50	16.70	3.41
	7	18				7,700	19,800				27,500	7,600	27,500	43,300	450	2,550	3,600	2.20	12.20	17.20	3.16
	7	24				7,500	25,500				33,000	7,600	33,000	51,300	450	3,050	4,200	2.20	14.60	20.10	3.17
	9	9				10,900	10,900				21,800	7,600	21,800	26,700	450	1,890	3,000	2.20	9.00	14.40	3.38
	9	12				10,700	14,200				24,900	7,600	24,900	29,300	450	2,060	3,300	2.20	9.90	15.80	3.54
	9	15				10,800	18,100				28,900	7,600	28,900	45,700	450	2,680	3,800	2.20	12.80	18.20	3.16
	9	18				10,300	20,600				30,900	7,600	30,900	47,300	450	2,760	3,900	2.20	13.20	18.70	3.28
	9	24				9,900	26,500				36,400	7,600	36,400	55,400	450	3,260	4,500	2.20	15.60	21.50	3.27
	12	12				14,000	14,000				28,000	7,600	28,000	32,000	450	2,220	3,500	2.20	10.60	16.70	3.70
	12	15				14,200	17,800				32,000	7,600	32,000	48,900	450	2,850	4,000	2.20	13.60	19.10	3.29
	12	18				13,600	20,400				34,000	7,600	34,000	50,500	450	2,990	4,200	2.20	14.30	20.10	3.33
	12	24				13,200	26,300				39,500	7,600	39,500	58,600	450	3,430	4,800	2.20	16.40	23.00	3.38
	15	15				18,000	18,000				36,000	7,600	36,000	55,400	450	3,270	4,500	2.20	15.60	21.50	3.23
	15	18				17,300	20,700				38,000	7,600	38,000	57,000	450	3,350	4,700	2.20	16.00	22.50	3.32
	15	24				16,700	26,800				43,500	7,600	43,500	50,800	450	3,280	4,600	2.20	15.70	22.00	3.89
	18	18				20,000	20,000				40,000	7,600	40,000	58,600	450	3,440	4,800	2.20	16.50	23.00	3.41
	18	24				19,500	26,000				45,500	7,600	45,500	51,100	450	3,300	4,600	2.20	15.80	22.00	4.04
	24	24				24,300	24,200				48,500	7,600	48,500	51,400	450	3,790	4,650	2.20	18.10	22.20	3.75
3	7	7	7			7,300	7,300	7,400			22,000	7,600	22,000	33,200	450	2,030	2,900	2.20	9.70	13.90	3.18
	7	7	9			7,500	7,500	9,600			24,600	7,600	24,600	37,200	450	2,240	3,200	2.20	10.70	15.30	3.22
	7	7	12			7,900	7,900	13,400			29,200	7,600	29,200	44,100	450	2,600	3,700	2.20	12.40	17.70	3.29
	7	7	15			8,100	8,100	17,200			33,400	7,600	33,400	50,500	450	3,020	4,200	2.20	14.40	20.10	3.24
	7	7	18			7,500	7,500	19,500			34,500	7,600	34,500	52,100	450	3,110	4,300	2.20	14.90	20.60	3.25
	7	7	24			7,000	7,000	24,100			38,100	7,600	38,100	57,600	450	3,410	4,700	2.20	16.30	22.50	3.27
	7	9	9			8,300	10,700	10,700			29,700	7,600	29,700	44,900	450	2,650	3,700	2.20	12.70	17.70	3.28
	7	9	12			8,000	10,200	13,600			31,800	7,600	31,800	48,100	450	2,810	4,000	2.20	13.40	19.10	3.32
	7	9	15			8,200	10,500	17,400			36,100	7,600	36,100	54,600	450	3,230	4,500	2.20	15.50	21.50	3.28
	7	9	18			7,700	9,800	19,600			37,100	7,600	37,100	56,200	450	3,320	4,600	2.20	15.90	22.00	3.28
	7	9	24			7,100	9,100	24,200			40,400	7,600	40,400	49,800	450	3,340	4,300	2.20	16.00	20.60	3.55
	7	12	12			7,700	13,100	13,100			33,900	7,600	33,900	51,300	450	3,050	4,200	2.20	14.60	20.10	3.26
	7	12	15			7,900	13,500	16,800			38,200	7,600	38,200	57,800	450	3,400	4,700	2.20	16.30	22.50	3.29
	7	12	18			7,800	13,300	19,900			41,000	7,600	41,000	50,600	450	3,370	4,400	2.20	16.10	21.10	3.57
	7	12	24			6,600	11,400	22,800			40,800	7,600	40,800	50,300	450	3,370	4,400	2.20	16.10	21.10	3.55
	7	15	15			7,600	16,400	16,400			40,400	7,600	40,400	49,800	450	3,350	4,400	2.20	16.00	21.10	3.53
	7	15	18			7,100	15,200	18,300			40,600	7,600	40,600	50,000	450	3,360	4,400	2.20	16.10	21.10	3.54
	7	15	24			6,300	13,600	21,800			41,700	7,600	41,700	51,400	450	3,450	4,500	2.20	16.50	21.50	3.54
	7	18	18			6,600	17,000	17,000			40,600	7,600	40,600	50,000	450	3,360	4,400	2.20	16.10	21.10	3.54
	7	18	24			6,900	17,800	23,800			48,500	7,600	48,500	51,500	450	3,790	4,690	2.20	18.10	22.40	3.75

4. Combination Table

4-4. AJ048BXJ5CH

Unit	Indoor Index					Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			W/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
3	7	24	24			6,200	21,200	21,100			48,500	7,600	48,500	52,900	450	3,790	4,810	2.20	18.10	23.00	3.75
	9	9	9			10,800	10,800	10,700			32,300	7,600	32,300	48,900	450	2,860	4,000	2.20	13.70	19.10	3.31
	9	9	12			10,400	10,400	13,700			34,500	7,600	34,500	52,100	450	3,090	4,300	2.20	14.80	20.60	3.27
	9	9	15			10,600	10,600	17,500			38,700	7,600	38,700	58,600	450	3,450	4,800	2.20	16.50	23.00	3.29
	9	9	18			9,500	9,500	19,100			38,100	7,600	38,100	57,600	450	3,400	4,700	2.20	16.30	22.50	3.28
	9	9	24			8,800	8,800	23,300			40,900	7,600	40,900	50,400	450	3,380	4,400	2.20	16.20	21.10	3.55
	9	12	12			10,000	13,300	13,300			36,600	7,600	36,600	55,400	450	3,260	4,500	2.20	15.60	21.50	3.29
	9	12	15			9,600	12,800	15,900			38,300	7,600	38,300	57,900	450	3,410	4,700	2.20	16.30	22.50	3.29
	9	12	18			9,300	12,400	18,600			40,300	7,600	40,300	49,600	450	3,320	4,300	2.20	15.90	20.60	3.56
	9	12	24			8,300	11,000	22,100			41,400	7,600	41,400	51,000	450	3,410	4,400	2.20	16.30	21.10	3.56
	9	15	15			9,400	15,700	15,700			40,800	7,600	40,900	50,400	450	3,390	4,400	2.20	16.20	21.10	3.54
	9	15	18			8,800	14,700	17,600			41,100	7,600	41,100	50,700	450	3,400	4,400	2.20	16.30	21.10	3.54
	9	15	24			9,100	15,200	24,200			48,500	7,600	48,500	51,900	450	3,790	4,720	2.20	18.10	22.60	3.75
	9	18	18			8,300	16,600	16,500			41,400	7,600	41,400	51,000	450	3,420	4,500	2.20	16.40	21.50	3.55
	9	18	24			8,600	17,100	22,800			48,500	7,600	48,500	52,200	450	3,790	4,740	2.20	18.10	22.70	3.75
	9	24	24			7,700	20,400	20,400			48,500	7,600	48,500	53,600	450	3,790	4,860	2.20	18.10	23.30	3.75
	12	12	12			12,900	12,900	12,900			38,700	7,600	38,700	58,600	450	3,430	4,800	2.20	16.40	23.00	3.31
	12	12	15			12,500	12,500	15,500			40,500	7,600	40,500	49,900	450	3,340	4,300	2.20	16.00	20.60	3.55
	12	12	18			11,600	11,600	17,500			40,700	7,600	40,700	50,200	450	3,350	4,400	2.20	16.00	21.10	3.56
	12	12	24			12,100	12,100	24,300			48,500	7,600	48,500	51,400	450	3,790	4,650	2.20	18.10	22.20	3.75
	12	15	15			11,800	14,800	14,800			41,400	7,600	41,400	51,000	450	3,420	4,500	2.20	16.40	21.50	3.55
	12	15	18			11,100	13,900	16,600			41,600	7,600	41,600	51,300	450	3,430	4,500	2.20	16.40	21.50	3.55
	12	15	24			11,400	14,300	22,800			48,500	7,600	48,500	52,500	450	3,790	4,760	2.20	18.10	22.80	3.75
	12	18	18			12,100	18,200	18,200			48,500	7,600	48,500	51,400	450	3,790	4,660	2.20	18.10	22.30	3.75
	12	18	24			10,800	16,200	21,500			48,500	7,600	48,500	52,800	450	3,790	4,780	2.20	18.10	22.90	3.75
	15	15	15			14,100	14,100	14,000			42,200	7,600	42,200	52,100	450	3,510	4,600	2.20	16.80	22.00	3.52
	15	15	18			15,200	15,200	18,100			48,500	7,600	48,500	52,200	450	3,790	4,750	2.20	18.10	22.70	3.75
	15	15	24			13,500	13,500	21,500			48,500	7,600	48,500	53,600	450	3,790	4,870	2.20	18.10	23.30	3.75
	15	18	18			14,300	17,100	17,100			48,500	7,600	48,500	52,500	450	3,790	4,770	2.20	18.10	22.80	3.75
	15	18	24			12,800	15,300	20,400			48,500	7,600	48,500	53,900	450	3,790	4,890	2.20	18.10	23.40	3.75
	18	18	18			16,200	16,200	16,100			48,500	7,600	48,500	52,800	450	3,790	4,790	2.20	18.10	22.90	3.75
4	7	7	7	7		7,900	7,900	7,900	7,900		31,600	7,600	31,600	38,900	450	2,630	3,500	2.20	12.60	16.70	3.52
	7	7	7	9		8,000	8,000	8,000	10,400		34,400	7,600	34,400	42,400	450	2,900	3,800	2.20	13.90	18.20	3.48
	7	7	7	12		7,800	7,800	7,800	13,200		36,600	7,600	36,600	45,100	450	3,060	4,000	2.20	14.60	19.10	3.51
	7	7	7	15		8,000	8,000	8,000	17,000		41,000	7,600	41,000	50,600	450	3,400	4,400	2.20	16.30	21.10	3.53
	7	7	7	18		7,500	7,500	7,500	19,500		42,000	7,600	42,000	50,100	450	3,270	4,600	2.20	15.60	22.00	3.76
	7	7	7	24		6,700	6,700	6,700	23,000		43,100	7,600	43,100	51,500	450	3,360	4,700	2.20	16.10	22.50	3.76
	7	7	9	9		8,100	8,100	10,400	10,500		37,100	7,600	37,100	45,800	450	3,100	4,000	2.20	14.80	19.10	3.51
	7	7	9	12		7,900	7,900	10,100	13,500		39,400	7,600	39,400	48,500	450	3,270	4,200	2.20	15.60	20.10	3.53
	7	7	9	15		7,800	7,800	10,000	16,700		42,300	7,600	42,300	50,500	450	3,300	4,600	2.20	15.80	22.00	3.76
	7	7	9	18		7,300	7,300	9,400	18,600		42,600	7,600	42,600	50,800	450	3,310	4,600	2.20	15.80	22.00	3.77
	7	7	9	24		6,500	6,500	8,400	22,300		43,700	7,600	43,700	52,200	450	3,400	4,700	2.20	16.30	22.50	3.77
	7	7	12	12		7,700	7,800	13,200	13,200		41,900	7,600	41,900	50,000	450	3,240	4,500	2.20	15.50	21.50	3.79
	7	7	12	15		7,300	7,300	12,500	15,700		42,800	7,600	42,800	51,100	450	3,330	4,600	2.20	15.90	22.00	3.77
	7	7	12	18		6,800	6,800	11,800	17,600		43,000	7,600	43,000	51,400	450	3,340	4,700	2.20	16.00	22.50	3.77
	7	7	12	24		6,800	6,800	11,600	23,300		48,500	7,600	48,500	51,700	450	3,790	4,710	2.20	18.10	22.50	3.75
	7	7	15	15		7,000	7,000	14,900	14,800		43,700	7,600	43,700	52,200	450	3,410	4,800	2.20	16.30	23.00	3.76

4. Combination Table

4-4. AJ048BXJ5CH

Unit	Indoor Index					Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			W/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
4	7	7	15	18		6,600	6,600	14,000	16,800		44,000	7,600	44,000	52,500	450	3,420	4,800	2.20	16.40	23.00	3.77
	7	7	15	24		6,400	6,400	13,700	22,000		48,500	7,600	48,500	52,800	450	3,790	4,810	2.20	18.10	23.00	3.75
	7	7	18	18		6,800	6,800	17,500	17,400		48,500	7,600	48,500	51,700	450	3,790	4,720	2.20	18.10	22.60	3.75
	7	7	18	24		6,100	6,100	15,600	20,700		48,500	7,600	48,500	53,000	450	3,790	4,840	2.20	18.10	23.20	3.75
	7	9	9	9		8,200	10,600	10,600	10,500		39,900	7,600	39,900	49,200	450	3,310	4,300	2.20	15.80	20.60	3.53
	7	9	9	12		7,600	9,700	9,700	12,900		39,900	7,600	39,900	49,200	450	3,310	4,300	2.20	15.80	20.60	3.53
	7	9	9	15		7,500	9,700	9,700	16,000		42,900	7,600	42,900	51,200	450	3,340	4,700	2.20	16.00	22.50	3.76
	7	9	9	18		7,100	9,000	9,000	18,000		43,100	7,600	43,100	51,500	450	3,350	4,700	2.20	16.00	22.50	3.77
	7	9	9	24		6,900	8,900	8,900	23,800		48,500	7,600	48,500	51,800	450	3,790	4,720	2.20	18.10	22.60	3.75
	7	9	12	12		7,500	9,500	12,700	12,700		42,400	7,600	42,400	50,700	450	3,290	4,600	2.20	15.70	22.00	3.78
	7	9	12	15		7,100	9,100	12,100	15,100		43,400	7,600	43,400	51,800	450	3,370	4,700	2.20	16.10	22.50	3.77
	7	9	12	18		6,600	8,500	11,400	17,100		43,600	7,600	43,600	52,100	450	3,380	4,700	2.20	16.20	22.50	3.78
	7	9	12	24		6,500	8,400	11,200	22,400		48,500	7,600	48,500	52,400	450	3,790	4,760	2.20	18.10	22.80	3.75
	7	9	15	15		6,800	8,700	14,400	14,400		44,300	7,600	44,300	52,900	450	3,450	4,800	2.20	16.50	23.00	3.76
	7	9	15	18		7,000	8,900	14,800	17,800		48,500	7,600	48,500	52,100	450	3,790	4,750	2.20	18.10	22.70	3.75
	7	9	15	24		6,200	7,900	13,200	21,200		48,500	7,600	48,500	53,400	450	3,790	4,870	2.20	18.10	23.30	3.75
	7	9	18	18		6,500	8,400	16,800	16,800		48,500	7,600	48,500	52,400	450	3,790	4,770	2.20	18.10	22.80	3.75
	7	12	12	12		7,000	12,000	12,000	11,900		42,900	7,600	42,900	51,200	450	3,320	4,600	2.20	15.90	22.00	3.79
	7	12	12	15		6,700	11,400	11,400	14,300		43,800	7,600	43,800	52,300	450	3,400	4,700	2.20	16.30	22.50	3.78
	7	12	12	18		6,900	11,900	11,900	17,800		48,500	7,600	48,500	51,500	450	3,790	4,690	2.20	18.10	22.40	3.75
	7	12	12	24		6,200	10,600	10,600	21,100		48,500	7,600	48,500	52,900	450	3,790	4,810	2.20	18.10	23.00	3.75
	7	12	15	15		7,000	11,900	14,800	14,800		48,500	7,600	48,500	52,400	450	3,790	4,770	2.20	18.10	22.80	3.75
	7	12	15	18		6,500	11,200	14,000	16,800		48,500	7,600	48,500	52,600	450	3,790	4,790	2.20	18.10	22.90	3.75
	7	12	18	18		6,200	10,600	15,900	15,800		48,500	7,600	48,500	52,900	450	3,790	4,820	2.20	18.10	23.10	3.75
	7	15	15	15		6,500	14,000	14,000	14,000		48,500	7,600	48,500	53,400	450	3,790	4,880	2.20	18.10	23.30	3.75
	7	15	15	18		6,200	13,200	13,200	15,900		48,500	7,600	48,500	53,700	450	3,790	4,900	2.20	18.10	23.40	3.75
	9	9	9	9		10,000	10,000	10,000	10,000		40,000	7,600	40,000	49,300	450	3,310	4,300	2.20	15.80	20.60	3.54
	9	9	9	12		9,800	9,800	9,800	13,200		42,600	7,600	42,600	50,800	450	3,290	4,600	2.20	15.70	22.00	3.79
	9	9	9	15		9,300	9,300	9,300	15,600		43,500	7,600	43,500	51,900	450	3,370	4,700	2.20	16.10	22.50	3.78
	9	9	9	18		8,700	8,700	8,700	17,600		43,700	7,600	43,700	52,200	450	3,390	4,700	2.20	16.20	22.50	3.78
	9	9	9	24		8,600	8,600	8,600	22,700		48,500	7,600	48,500	52,500	450	3,790	4,770	2.20	18.10	22.80	3.75
	9	9	12	12		9,200	9,200	12,300	12,300		43,000	7,600	43,000	51,400	450	3,320	4,700	2.20	15.90	22.50	3.80
	9	9	12	15		8,800	8,800	11,700	14,700		44,000	7,600	44,000	52,500	450	3,400	4,800	2.20	16.30	23.00	3.79
	9	9	12	18		9,100	9,100	12,100	18,200		48,500	7,600	48,500	51,700	450	3,790	4,700	2.20	18.10	22.50	3.75
	9	9	12	24		8,100	8,100	10,800	21,500		48,500	7,600	48,500	53,000	450	3,790	4,820	2.20	18.10	23.10	3.75
	9	9	15	15		9,100	9,100	15,200	15,100		48,500	7,600	48,500	52,500	450	3,790	4,780	2.20	18.10	22.90	3.75
	9	9	15	18		8,600	8,600	14,300	17,000		48,500	7,600	48,500	52,800	450	3,790	4,800	2.20	18.10	23.00	3.75
	9	9	15	24		7,700	7,700	12,800	20,300		48,500	7,600	48,500	54,100	450	3,790	4,920	2.20	18.10	23.50	3.75
	9	9	18	18		8,100	8,100	16,200	16,100		48,500	7,600	48,500	53,000	450	3,790	4,830	2.20	18.10	23.10	3.75
	9	12	12	12		8,700	11,600	11,600	11,600		43,500	7,600	43,500	51,900	450	3,350	4,700	2.20	16.00	22.50	3.81
	9	12	12	15		9,100	12,100	12,100	15,200		48,500	7,600	48,500	51,900	450	3,790	4,720	2.20	18.10	22.60	3.75
	9	12	12	18		8,600	11,400	11,400	17,100		48,500	7,600	48,500	52,200	450	3,790	4,740	2.20	18.10	22.70	3.75
	9	12	12	24		7,700	10,200	10,200	20,400		48,500	7,600	48,500	53,600	450	3,790	4,860	2.20	18.10	23.30	3.75
	9	12	15	15		8,600	11,400	14,300	14,200		48,500	7,600	48,500	53,000	450	3,790	4,830	2.20	18.10	23.10	3.75
	9	12	15	18		8,100	10,800	13,500	16,100		48,500	7,600	48,500	53,300	450	3,790	4,850	2.20	18.10	23.20	3.75
	9	12	18	18		7,700	10,200	15,300	15,300		48,500	7,600	48,500	53,600	450	3,790	4,870	2.20	18.10	23.30	3.75
	9	15	15	15		8,100	13,500	13,500	13,400		48,500	7,600	48,500	54,100	450	3,790	4,930	2.20	18.10	23.60	3.75
	9	15	15	18		7,700	12,800	12,800	15,200		48,500	7,600	48,500	54,400	450	3,790	4,960	2.20	18.10	23.70	3.75

4. Combination Table

4-4. AJ048BXJ5CH

Unit	Indoor Index					Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			W/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
4	12	12	12	12		12,100	12,100	12,100	12,200		48,500	7,600	48,500	51,400	450	3,790	4,650	2.20	18.10	22.20	3.75
	12	12	12	15		11,400	11,400	11,400	14,300		48,500	7,600	48,500	52,500	450	3,790	4,760	2.20	18.10	22.80	3.75
	12	12	12	18		10,800	10,800	10,800	16,100		48,500	7,600	48,500	52,800	450	3,790	4,780	2.20	18.10	22.90	3.75
	12	12	15	15		10,800	10,800	13,500	13,400		48,500	7,600	48,500	57,400	450	3,790	5,180	2.20	18.10	24.80	3.75
	12	12	15	18		10,200	10,200	12,800	15,300		48,500	7,600	48,500	53,900	450	3,790	4,890	2.20	18.10	23.40	3.75
	12	15	15	15		10,200	12,800	12,800	12,700		48,500	7,600	48,500	54,700	450	3,790	4,990	2.20	18.10	23.90	3.75
5	7	7	7	7	7	7,500	7,500	7,500	7,600	7,600	37,700	7,600	37,700	46,500	450	3,170	4,100	2.20	15.20	19.60	3.49
	7	7	7	7	9	7,700	7,700	7,700	7,700	9,700	40,500	7,600	40,500	49,900	450	3,380	4,400	2.20	16.20	21.10	3.51
	7	7	7	7	12	7,000	7,000	7,000	7,000	12,000	40,000	7,600	40,000	49,300	450	3,340	4,300	2.20	16.00	20.60	3.51
	7	7	7	7	15	7,000	7,000	7,000	7,000	15,000	43,000	7,600	43,000	51,400	450	3,370	4,700	2.20	16.10	22.50	3.74
	7	7	7	7	18	6,600	6,600	6,600	6,600	16,900	43,300	7,600	43,300	51,600	450	3,390	4,700	2.20	16.20	22.50	3.74
	7	7	7	7	24	6,500	6,500	6,500	6,500	22,500	48,500	7,600	48,500	51,900	450	3,790	4,760	2.20	18.10	22.80	3.75
	7	7	7	9	9	7,600	7,600	7,600	9,700	9,700	42,200	7,600	42,200	50,400	450	3,300	4,600	2.20	15.80	22.00	3.75
	7	7	7	9	12	7,100	7,100	7,100	9,200	12,200	42,700	7,600	42,700	51,000	450	3,330	4,600	2.20	15.90	22.00	3.76
	7	7	7	9	15	6,800	6,800	6,800	8,700	14,500	43,600	7,600	43,600	52,100	450	3,410	4,800	2.20	16.30	23.00	3.75
	7	7	7	9	18	7,100	7,100	7,100	9,100	18,100	48,500	7,600	48,500	51,300	450	3,790	4,690	2.20	18.10	22.40	3.75
	7	7	7	9	24	6,300	6,300	6,300	8,100	21,500	48,500	7,600	48,500	52,600	450	3,790	4,810	2.20	18.10	23.00	3.75
	7	7	7	12	12	6,700	6,700	6,700	11,500	11,500	43,100	7,600	43,100	51,500	450	3,360	4,700	2.20	16.10	22.50	3.76
	7	7	7	12	15	7,100	7,100	7,100	12,100	15,100	48,500	7,600	48,500	51,500	450	3,790	4,720	2.20	18.10	22.60	3.75
	7	7	7	12	18	6,700	6,700	6,700	11,400	17,000	48,500	7,600	48,500	51,800	450	3,790	4,740	2.20	18.10	22.70	3.75
	7	7	7	12	24	6,000	6,000	6,000	10,200	20,300	48,500	7,600	48,500	53,200	450	3,790	4,860	2.20	18.10	23.30	3.75
	7	7	7	15	15	6,700	6,700	6,700	14,200	14,200	48,500	7,600	48,500	52,600	450	3,790	4,820	2.20	18.10	23.10	3.75
	7	7	7	15	18	6,300	6,300	6,300	13,500	16,100	48,500	7,600	48,500	52,900	450	3,790	4,850	2.20	18.10	23.20	3.75
	7	7	7	18	18	6,000	6,000	6,000	15,300	15,200	48,500	7,600	48,500	53,200	450	3,790	4,870	2.20	18.10	23.30	3.75
	7	7	9	9	9	7,300	7,300	9,400	9,400	9,400	42,800	7,600	42,800	51,100	450	3,340	4,700	2.20	16.00	22.50	3.76
	7	7	9	9	12	6,900	6,900	8,900	8,900	11,700	43,300	7,600	43,300	51,600	450	3,370	4,700	2.20	16.10	22.50	3.77
	7	7	9	9	15	6,600	6,600	8,500	8,500	14,000	44,200	7,600	44,200	52,800	450	3,450	4,800	2.20	16.50	23.00	3.75
	7	7	9	9	18	6,800	6,800	8,700	8,700	17,500	48,500	7,600	48,500	51,900	450	3,790	4,750	2.20	18.10	22.70	3.75
	7	7	9	9	24	6,100	6,100	7,800	7,800	20,700	48,500	7,600	48,500	53,300	450	3,790	4,870	2.20	18.10	23.30	3.75
	7	7	9	12	12	6,500	6,500	8,300	11,200	11,200	43,700	7,600	43,700	52,200	450	3,400	4,700	2.20	16.30	22.50	3.77
	7	7	9	12	15	6,800	6,800	8,700	11,600	14,600	48,500	7,600	48,500	52,200	450	3,790	4,770	2.20	18.10	22.80	3.75
	7	7	9	12	18	6,400	6,400	8,200	11,000	16,500	48,500	7,600	48,500	52,500	450	3,790	4,790	2.20	18.10	22.90	3.75
	7	7	9	15	15	6,400	6,400	8,300	13,700	13,700	48,500	7,600	48,500	53,300	450	3,790	4,880	2.20	18.10	23.30	3.75
	7	7	9	15	18	6,100	6,100	7,800	13,000	15,500	48,500	7,600	48,500	53,600	450	3,790	4,900	2.20	18.10	23.40	3.75
	7	7	12	12	12	6,800	6,900	11,600	11,600	11,600	48,500	7,600	48,500	51,700	450	3,790	4,710	2.20	18.10	22.50	3.75
	7	7	12	12	15	6,400	6,400	11,000	11,000	13,700	48,500	7,600	48,500	52,800	450	3,790	4,810	2.20	18.10	23.00	3.75
	7	7	12	12	18	6,100	6,100	10,400	10,400	15,500	48,500	7,600	48,500	53,000	450	3,790	4,840	2.20	18.10	23.20	3.75
	7	7	12	15	15	6,100	6,100	10,300	13,000	13,000	48,500	7,600	48,500	53,900	450	3,790	4,920	2.20	18.10	23.50	3.75
	7	9	9	9	9	7,000	9,100	9,100	9,100	9,100	43,400	7,600	43,400	51,800	450	3,380	4,700	2.20	16.20	22.50	3.76
	7	9	9	9	12	6,700	8,600	8,600	8,600	11,300	43,800	7,600	43,800	52,300	450	3,410	4,800	2.20	16.30	23.00	3.76
	7	9	9	9	15	7,000	8,900	8,900	8,900	14,800	48,500	7,600	48,500	52,400	450	3,790	4,780	2.20	18.10	22.90	3.75
	7	9	9	9	18	6,500	8,400	8,400	8,400	16,800	48,500	7,600	48,500	52,600	450	3,790	4,800	2.20	18.10	23.00	3.75
	7	9	9	12	12	6,900	8,900	8,900	11,900	11,900	48,500	7,600	48,500	51,800	450	3,790	4,720	2.20	18.10	22.60	3.75
	7	9	9	12	15	6,500	8,400	8,400	11,200	14,000	48,500	7,600	48,500	52,900	450	3,790	4,830	2.20	18.10	23.10	3.75
	7	9	9	12	18	6,200	7,900	7,900	10,600	15,900	48,500	7,600	48,500	53,200	450	3,790	4,850	2.20	18.10	23.20	3.75
	7	9	9	15	15	6,300	7,900	7,900	13,200	13,200	48,500	7,600	48,500	54,000	450	3,790	4,930	2.20	18.10	23.60	3.75
	7	9	12	12	12	6,500	8,400	11,200	11,200	11,200	48,500	7,600	48,500	52,400	450	3,790	4,760	2.20	18.10	22.80	3.75

4. Combination Table

4-4. AJ048BXJ5CH

Unit	Indoor Index					Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			W/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
5	7	9	12	12	15	6,200	7,900	10,600	10,600	13,200	48,500	7,600	48,500	53,400	450	3,790	4,870	2.20	18.10	23.30	3.75
	7	12	12	12	12	6,100	10,600	10,600	10,600	10,600	48,500	7,600	48,500	52,900	450	3,790	4,810	2.20	18.10	23.00	3.75
	9	9	9	9	9	8,800	8,800	8,800	8,800	8,800	44,000	7,600	44,000	52,500	450	3,410	4,800	2.20	16.30	23.00	3.78
	9	9	9	9	12	9,100	9,100	9,100	9,100	12,100	48,500	7,600	48,500	51,900	450	3,790	4,730	2.20	18.10	22.60	3.75
	9	9	9	9	15	8,600	8,600	8,600	8,600	14,100	48,500	7,600	48,500	53,000	450	3,790	4,840	2.20	18.10	23.20	3.75
	9	9	9	9	18	8,100	8,100	8,100	8,100	16,100	48,500	7,600	48,500	53,300	450	3,790	4,860	2.20	18.10	23.30	3.75
	9	9	9	12	12	8,600	8,600	8,600	11,400	11,300	48,500	7,600	48,500	52,500	450	3,790	4,770	2.20	18.10	22.80	3.75
	9	9	9	12	15	8,100	8,100	8,100	10,800	13,400	48,500	7,600	48,500	53,600	450	3,790	4,880	2.20	18.10	23.30	3.75
	9	9	9	12	18	7,700	7,700	7,700	10,200	15,200	48,500	7,600	48,500	53,900	450	3,790	4,900	2.20	18.10	23.40	3.75
	9	9	9	15	15	7,700	7,700	7,700	12,700	12,700	48,500	7,600	48,500	54,700	450	3,790	5,000	2.20	18.10	23.90	3.75
	9	9	12	12	12	8,100	8,100	10,800	10,800	10,700	48,500	7,600	48,500	53,000	450	3,790	4,820	2.20	18.10	23.10	3.75
	9	9	12	12	15	7,700	7,700	10,200	10,200	12,700	48,500	7,600	48,500	54,100	450	3,790	4,920	2.20	18.10	23.50	3.75
	9	12	12	12	12	7,700	10,200	10,200	10,200	10,200	48,500	7,600	48,500	53,600	450	3,790	4,860	2.20	18.10	23.30	3.75

NOTE

- 1 Cooling capacity is based on 80°F(26.7°C) DB, 67°F(19.4°C) WB (indoor temperature), 95°F(35°C) DB (outdoor temperature).
- 2 Heating capacity is based on 70°F(21.1°C) DB (indoor temperature), 47°F(8.3°C) DB, 43°F(6.1°C) WB (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 57.
- 5 At least two indoor units must be connected for operation.
- 6 Refer to the table for combinations that include non-duct and slim duct indoor units.

4. Combination Table

4-4. AJ048BXJ5CH

Cooling (Ducted)

Unit	IndoorIndex					CoolingCapacity(btu)						Capacity			PowerConsumption			Current			EER
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			btu/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	9	9				9,000	9,000				18,000	9,000	18,000	18,900	656	2,110	2,320	3.10	10.10	11.10	8.53
	9	12				9,000	12,000				21,000	9,000	21,000	22,050	657	2,320	2,550	3.10	11.10	12.20	9.05
	9	15				8,700	15,300				24,000	9,000	24,000	25,200	658	2,470	2,720	3.10	11.80	13.00	9.72
	9	18				8,700	17,400				26,100	9,000	26,100	27,410	659	3,020	3,320	3.20	14.40	15.90	8.64
	9	24				8,300	22,700				31,000	9,000	31,000	32,550	658	3,540	3,890	3.10	16.90	18.60	8.76
	12	12				12,000	12,000				24,000	9,000	24,000	25,200	661	2,530	2,780	3.20	12.10	13.30	9.49
	12	15				12,000	15,000				27,000	9,000	27,000	28,350	662	2,930	3,220	3.20	14.00	15.40	9.22
	12	18				11,600	17,500				29,100	9,000	29,100	30,560	663	3,320	3,650	3.20	15.90	17.50	8.77
	12	24				11,600	22,400				34,000	9,000	34,000	35,700	662	3,700	4,070	3.20	17.70	19.50	9.19
	15	18				15,000	17,100				32,100	9,000	32,100	33,710	664	3,550	3,910	3.20	17.00	18.70	9.04
	15	24				14,500	22,500				37,000	9,000	37,000	38,850	664	4,830	5,310	3.20	23.10	25.40	7.66
	18	18				17,100	17,100				34,200	9,000	34,200	35,910	668	3,860	4,250	3.20	18.50	20.30	8.86
	18	24				16,600	22,500				39,100	9,000	39,100	41,060	664	4,890	5,350	3.20	23.40	25.60	8.00
3	9	9	9			9,000	9,000	9,000			27,000	9,500	27,000	28,350	600	3,100	3,410	2.90	14.80	16.30	8.71
	9	9	12			9,000	9,000	12,000			30,000	9,500	30,000	31,500	600	3,400	3,740	2.90	16.30	17.90	8.82
	9	9	15			8,800	8,800	15,400			33,000	9,500	33,000	34,650	601	3,630	3,990	2.90	17.40	19.10	9.09
	9	9	18			9,000	9,000	18,000			36,000	9,500	36,000	37,800	600	3,930	4,320	2.90	18.80	20.70	9.16
	9	9	24			8,900	8,900	24,200			42,000	9,500	42,000	44,100	601	4,940	5,350	2.90	23.60	25.60	8.50
	9	12	12			9,000	12,000	12,000			33,000	9,500	33,000	34,650	600	3,750	4,130	2.90	17.90	19.80	8.80
	9	12	15			8,700	12,100	15,200			36,000	9,500	36,000	37,800	601	3,780	4,160	2.90	18.10	19.90	9.52
	9	12	18			9,000	12,000	18,000			39,000	9,500	39,000	40,950	600	5,050	5,350	2.90	24.20	25.60	7.72
	9	12	24			8,800	12,300	23,900			45,000	9,500	45,000	47,250	601	4,960	5,350	2.90	23.70	25.60	9.07
	9	15	18			8,900	15,500	17,600			42,000	9,500	42,000	44,100	602	4,950	5,350	2.90	23.70	25.60	8.48
	9	15	24			8,400	14,800	22,800			46,000	9,500	46,000	48,200	602	5,030	5,350	2.90	24.10	25.60	9.15
	9	18	18			9,000	18,000	18,000			45,000	9,500	45,000	47,250	600	5,140	5,350	2.90	24.60	25.60	8.75
	12	12	12			12,000	12,000	12,000			36,000	9,500	36,000	37,800	600	4,250	4,680	2.90	20.30	22.40	8.47
	12	12	15			12,000	12,000	15,000			39,000	9,500	39,000	40,950	602	4,880	5,350	2.90	23.30	25.60	7.99
	12	12	18			12,000	12,000	18,000			42,000	9,500	42,000	44,100	600	5,100	5,350	2.90	24.40	25.60	8.24
	12	12	24			11,700	11,700	22,600			46,000	9,500	46,000	48,200	602	5,010	5,350	2.90	24.00	25.60	9.18
	12	15	18			12,300	15,300	17,400			45,000	9,500	45,000	47,250	602	4,970	5,350	2.90	23.80	25.60	9.05
	12	18	18			11,400	17,300	17,300			46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60
	18	18	18			15,300	15,300	15,400			46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60

4. Combination Table

4-4. AJ048BXJ5CH

Unit	IndoorIndex					CoolingCapacity(btu)						Capacity			PowerConsumption			Current			EER
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			btu/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
4	9	9	9	9		9,000	9,000	9,000	9,000		36,000	9,500	36,000	39,600	600	4,180	4,600	2.90	20.00	22.00	8.61
	9	9	9	12		9,000	9,000	9,000	12,000		39,000	9,500	39,000	42,900	600	4,940	5,350	2.90	23.60	25.60	7.89
	9	9	9	15		9,000	9,000	9,000	15,000		42,000	9,500	42,000	46,000	600	4,990	5,350	2.90	23.90	25.60	8.42
	9	9	9	18		9,000	9,000	9,000	18,000		45,000	9,500	45,000	46,000	600	5,030	5,350	2.90	24.10	25.60	8.95
	9	9	12	12		9,000	9,000	12,000	12,000		42,000	9,500	42,000	46,000	600	4,990	5,350	2.90	23.90	25.60	8.42
	9	9	12	15		9,000	9,000	12,000	15,000		45,000	9,500	45,000	46,000	600	5,030	5,350	2.90	24.10	25.60	8.95
	9	9	12	18		8,600	8,600	11,500	17,300		46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60
	9	9	18	18		7,700	7,700	15,300	15,300		46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60
	9	12	12	12		9,000	12,000	12,000	12,000		45,000	9,500	45,000	46,000	600	5,040	5,350	2.90	24.10	25.60	8.93
	9	12	12	15		8,600	11,500	11,500	14,400		46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60
	9	12	12	18		8,100	10,800	10,800	16,300		46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60
	9	12	18	18		7,300	9,700	14,500	14,500		46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60
	12	12	12	12		11,500	11,500	11,500	11,500		46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60
	12	12	12	18		10,200	10,200	10,200	15,400		46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60
5	9	9	9	9	9	9,200	9,200	9,200	9,200	9,200	46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60
	9	9	9	9	12	8,600	8,600	8,600	8,600	11,600	46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60
	9	9	9	9	18	7,700	7,700	7,700	7,700	15,200	46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60
	9	9	9	12	12	8,100	8,100	8,100	10,800	10,900	46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60
	9	9	9	12	18	7,300	7,300	7,300	9,700	14,400	46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60
	9	9	12	12	12	7,700	7,700	10,200	10,200	10,200	46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60
	9	12	12	12	12	7,300	9,700	9,700	9,700	9,600	46,000	9,500	46,000	46,000	600	5,350	5,350	2.90	25.60	25.60	8.60

4. Combination Table

4-4. AJ048BXJ5CH

Heating (Ducted)

Unit	IndoorIndex					HeatingCapacity(btu)						Capacity			PowerConsumption			Current			COP
	A	B	C	D	E	A	B	C	D	E	TTL	btu			W			A			W/W
												MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	9	9				10,900	10,900				21,800	7,600	21,800	26,700	450	2,710	3,000	2.20	13.00	14.40	2.36
	9	12				10,700	14,200				24,900	7,600	24,900	29,300	450	2,880	3,300	2.20	13.80	15.80	2.53
	9	15				10,500	18,400				28,900	7,600	28,900	33,100	450	3,050	3,700	2.20	14.60	17.70	2.78
	9	18				10,300	20,600				30,900	7,600	30,900	47,300	450	3,580	3,900	2.20	17.10	18.70	2.53
	9	24				10,400	26,000				36,400	7,600	36,400	55,600	450	3,940	4,500	2.20	18.90	21.50	2.71
	12	12				14,000	14,000				28,000	7,600	28,000	32,000	450	3,040	3,500	2.20	14.50	16.70	2.70
	12	15				13,300	18,700				32,000	7,600	32,000	48,800	450	3,590	4,000	2.20	17.20	19.10	2.61
	12	18				13,600	20,400				34,000	7,600	34,000	50,500	450	3,810	4,200	2.20	18.20	20.10	2.62
	12	24				13,200	26,300				39,500	7,600	39,500	58,700	450	4,110	4,800	2.20	19.70	23.00	2.82
	15	18				18,300	19,700				38,000	7,600	38,000	58,700	450	4,120	4,800	2.20	19.70	23.00	2.70
	15	24				17,900	25,600				43,500	7,600	43,500	50,000	450	4,010	4,400	2.20	19.20	21.10	3.18
	18	18				20,000	20,000				40,000	7,600	40,000	58,600	450	4,260	4,800	2.20	20.40	23.00	2.75
	18	24				19,500	26,000				45,500	7,600	45,500	58,700	450	4,130	4,800	2.20	19.80	23.00	3.23
3	9	9	9			10,800	10,800	10,700			32,300	7,600	32,300	48,900	450	3,680	4,000	2.20	17.60	19.10	2.57
	9	9	12			10,400	10,400	13,700			34,500	7,600	34,500	52,100	450	3,910	4,300	2.20	18.70	20.60	2.59
	9	9	15			10,300	10,300	18,200			38,800	7,600	38,800	58,700	451	4,130	4,800	2.20	19.80	23.00	2.75
	9	9	18			9,500	9,500	19,100			38,100	7,600	38,100	57,600	450	4,220	4,700	2.20	20.20	22.50	2.65
	9	9	24			9,600	9,600	24,000			43,200	7,600	43,200	51,500	451	4,010	4,700	2.20	19.20	22.50	3.16
	9	12	12			10,000	13,300	13,300			36,600	7,600	36,600	55,400	450	4,080	4,500	2.20	19.50	21.50	2.63
	9	12	15			9,700	12,100	17,000			38,800	7,600	38,800	58,700	451	4,130	4,800	2.20	19.80	23.00	2.75
	9	12	18			9,300	12,400	18,600			40,300	7,600	40,300	49,600	450	4,140	4,300	2.20	19.80	20.60	2.85
	9	12	24			9,100	11,400	22,700			43,200	7,600	43,200	52,000	451	4,010	4,700	2.20	19.20	22.50	3.16
	9	15	18			9,400	16,300	17,500			43,200	7,600	43,200	51,500	451	4,020	4,700	2.20	19.20	22.50	3.15
	9	15	24			8,500	14,800	21,100			44,400	7,600	44,400	53,100	451	4,110	4,800	2.20	19.70	23.00	3.17
	9	18	18			8,300	16,600	16,500			41,400	7,600	41,400	51,000	450	4,240	4,500	2.20	20.30	21.50	2.86
	12	12	12			12,900	12,900	12,900			38,700	7,600	38,700	58,600	450	4,250	4,800	2.20	20.30	23.00	2.67
	12	12	15			11,900	11,900	16,700			40,500	7,600	40,500	50,000	451	4,010	4,400	2.20	19.20	21.10	2.96
	12	12	18			11,600	11,600	17,500			40,700	7,600	40,700	50,200	450	4,170	4,400	2.20	20.00	21.10	2.86
	12	12	24			11,000	11,000	21,800			43,800	7,600	43,800	52,600	451	4,040	4,700	2.20	19.30	22.50	3.18
	12	15	18			11,300	15,700	16,800			43,800	7,600	43,800	52,000	451	4,050	4,700	2.20	19.40	22.50	3.17
	12	18	18			11,600	17,400	17,500			46,500	7,600	46,500	51,400	450	4,450	4,750	2.20	21.30	22.70	3.06
	18	18	18			15,500	15,500	15,500			46,500	7,600	46,500	52,800	450	4,450	4,880	2.20	21.30	23.30	3.06

4. Combination Table

4-4. AJ048BXJ5CH

Unit	IndoorIndex					HeatingCapacity(btu)						Capacity			PowerConsumption			Current			COP
	A	B	C	D	E	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		10,000	10,000	10,000	10,000		40,000	7,600	40,000	49,300	450	4,130	4,300	2.20	19.80	20.60	2.84
	9	9	9	12		9,800	9,800	9,800	13,200		42,600	7,600	42,600	50,800	450	4,300	4,600	2.20	20.60	22.00	2.90
	9	9	9	15		9,200	9,200	9,200	15,500		43,100	7,600	43,000	51,400	450	4,330	4,700	2.20	20.70	22.50	2.91
	9	9	9	18		8,700	8,700	8,700	17,600		43,700	7,600	43,700	52,200	450	4,400	4,700	2.20	21.10	22.50	2.91
	9	9	12	12		9,200	9,200	12,300	12,300		43,000	7,600	43,000	51,400	450	4,330	4,700	2.20	20.70	22.50	2.91
	9	9	12	15		8,700	8,700	11,700	14,600		43,700	7,600	43,700	52,200	450	4,400	4,700	2.20	21.10	22.50	2.91
	9	9	12	18		8,700	8,700	11,700	17,400		46,500	7,600	46,500	51,700	450	4,450	4,790	2.20	21.30	22.90	3.06
	9	9	18	18		7,800	7,800	15,500	15,400		46,500	7,600	46,500	53,000	450	4,450	4,920	2.20	21.30	23.50	3.06
	9	12	12	12		8,700	11,600	11,600	11,600		43,500	7,600	43,500	51,900	450	4,360	4,700	2.20	20.90	22.50	2.92
	9	12	12	15		8,700	11,600	11,700	14,500		46,500	7,600	46,500	51,700	450	4,450	4,790	2.20	21.30	22.90	3.06
	9	12	12	18		8,200	10,900	11,000	16,400		46,500	7,600	46,500	52,200	450	4,450	4,830	2.20	21.30	23.10	3.06
	9	12	18	18		7,300	9,800	14,700	14,700		46,500	7,600	46,500	53,600	450	4,450	4,970	2.20	21.30	23.80	3.06
	12	12	12	12		11,600	11,600	11,600	11,700		46,500	7,600	46,500	51,400	450	4,450	4,740	2.20	21.30	22.70	3.06
	12	12	12	18		10,300	10,300	10,300	15,600		46,500	7,600	46,500	52,800	450	4,450	4,870	2.20	21.30	23.30	3.06
5	9	9	9	9	9	9,300	9,300	9,300	9,300	9,300	46,500	7,600	46,500	51,400	450	4,450	4,800	2.20	21.30	23.00	3.06
	9	9	9	9	12	8,700	8,700	8,700	8,700	11,700	46,500	7,600	46,500	51,900	450	4,450	4,820	2.20	21.30	23.10	3.06
	9	9	9	9	18	7,800	7,800	7,800	7,800	15,300	46,500	7,600	46,500	53,300	450	4,450	4,960	2.20	21.30	23.70	3.06
	9	9	9	12	12	8,200	8,200	8,200	10,900	11,000	46,500	7,600	46,500	52,500	450	4,450	4,860	2.20	21.30	23.30	3.06
	9	9	9	12	18	7,300	7,300	7,300	9,900	14,700	46,500	7,600	46,500	53,900	450	4,450	5,000	2.20	21.30	23.90	3.06
	9	9	12	12	12	7,800	7,800	10,300	10,300	10,300	46,500	7,600	46,500	53,000	450	4,450	4,910	2.20	21.30	23.50	3.06
	9	12	12	12	12	7,300	9,800	9,800	9,800	9,800	46,500	7,600	46,500	53,600	450	4,450	4,960	2.20	21.30	23.70	3.06

NOTE

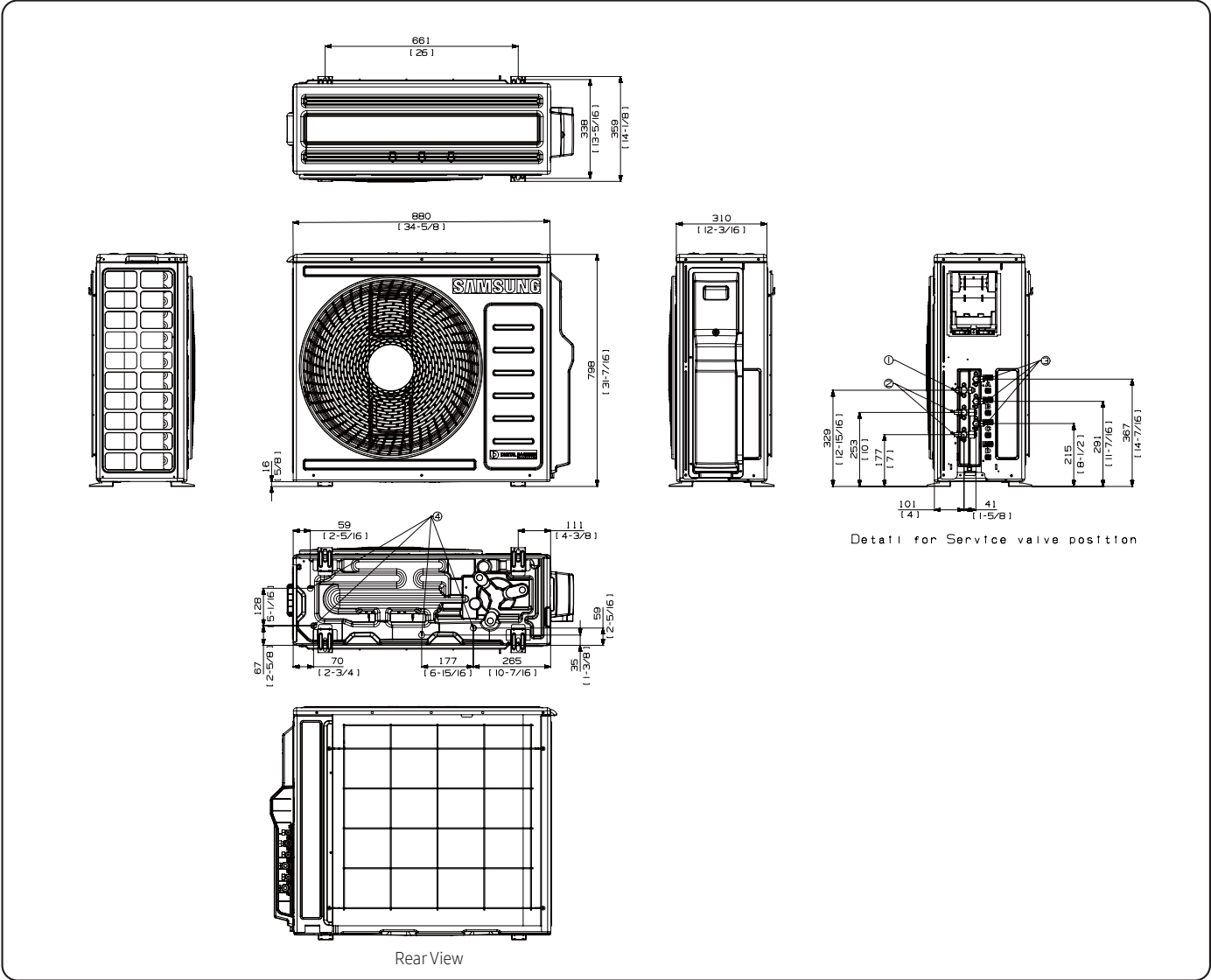
- Cooling capacity is based on 80°FDB(26.7°CDB) / 67°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 57.
- At least two indoor units must be connected for operation.
- Ducted combination means mixing AC***BNZDCH/AA (MPAH) and AC***BNLDCH/AA (Slim Duct) units on the same system.
- If AJ0**BNHDCH/AA or AC0**BNZDCH/AA (MPAH) is included in the combination, the combination criteria noted on page 26 must be followed.

5. Dimensional Drawing

5-1. Outdoor units

JXH20J2B (AJ020BXJ2CH/AA), JXH24J3B (AJ024BXJ3CH/AA)

Units : mm [inches]



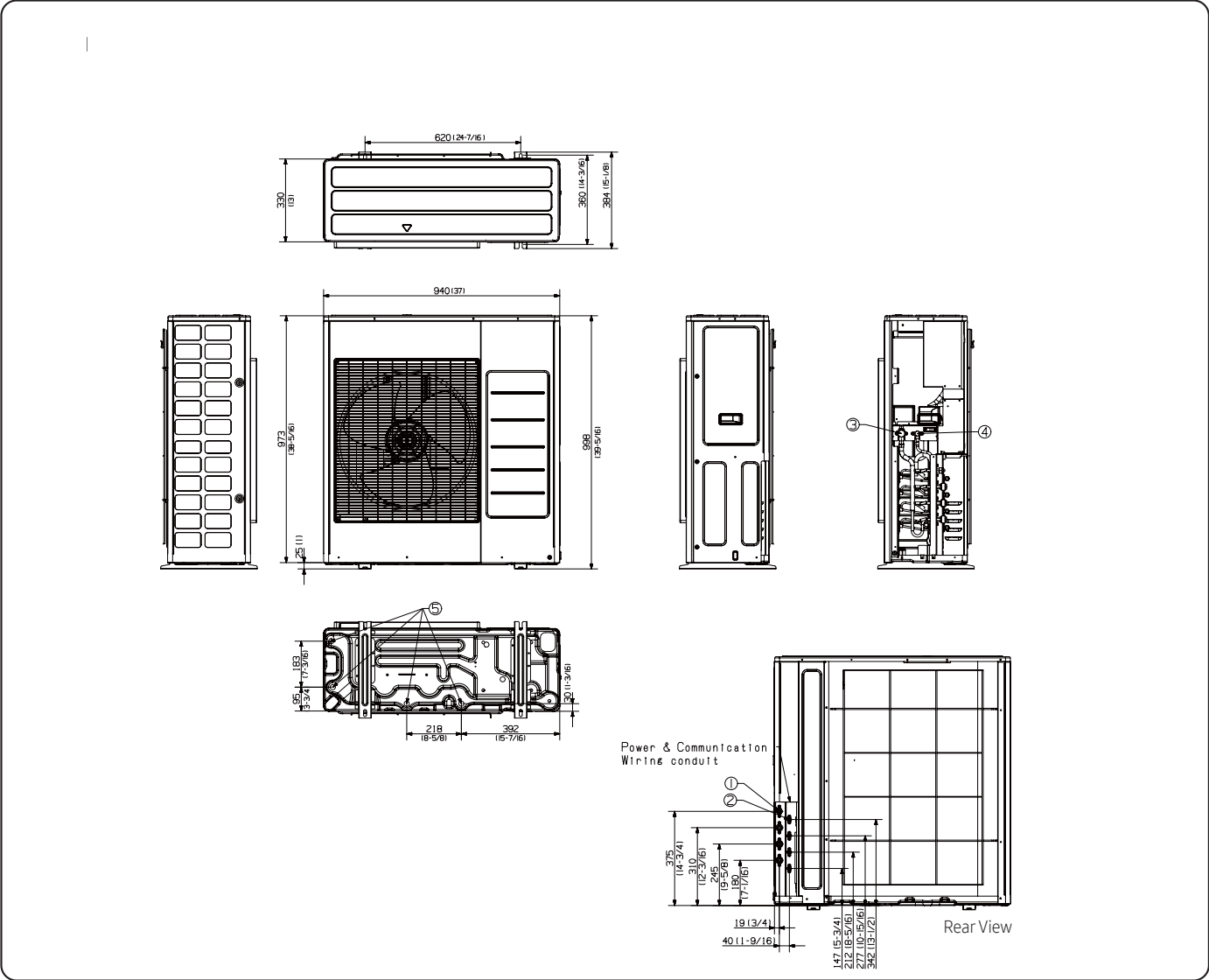
NO	Name	Description	
		JXH20J2B	JXH24J3B
1	Refrigerant gas pipe	Φ9.52 (Φ3/8) x 1 EA	Φ9.52 (Φ3/8) x 1 EA
2		Φ12.7 (Φ1/2) x 1 EA	Φ12.7 (Φ1/2) x 2 EA
3	Refrigerant liquid pipe	Φ6.35 (Φ1/4) X 2 EA	Φ6.35 (Φ1/4) X 3 EA
4	Drain hole	Connection with the provided drain plug.	

5. Dimensional Drawing

5-1. Outdoor units

JXH36J4B (AJ036BXJ4CH/AA)

Units : mm [inches]



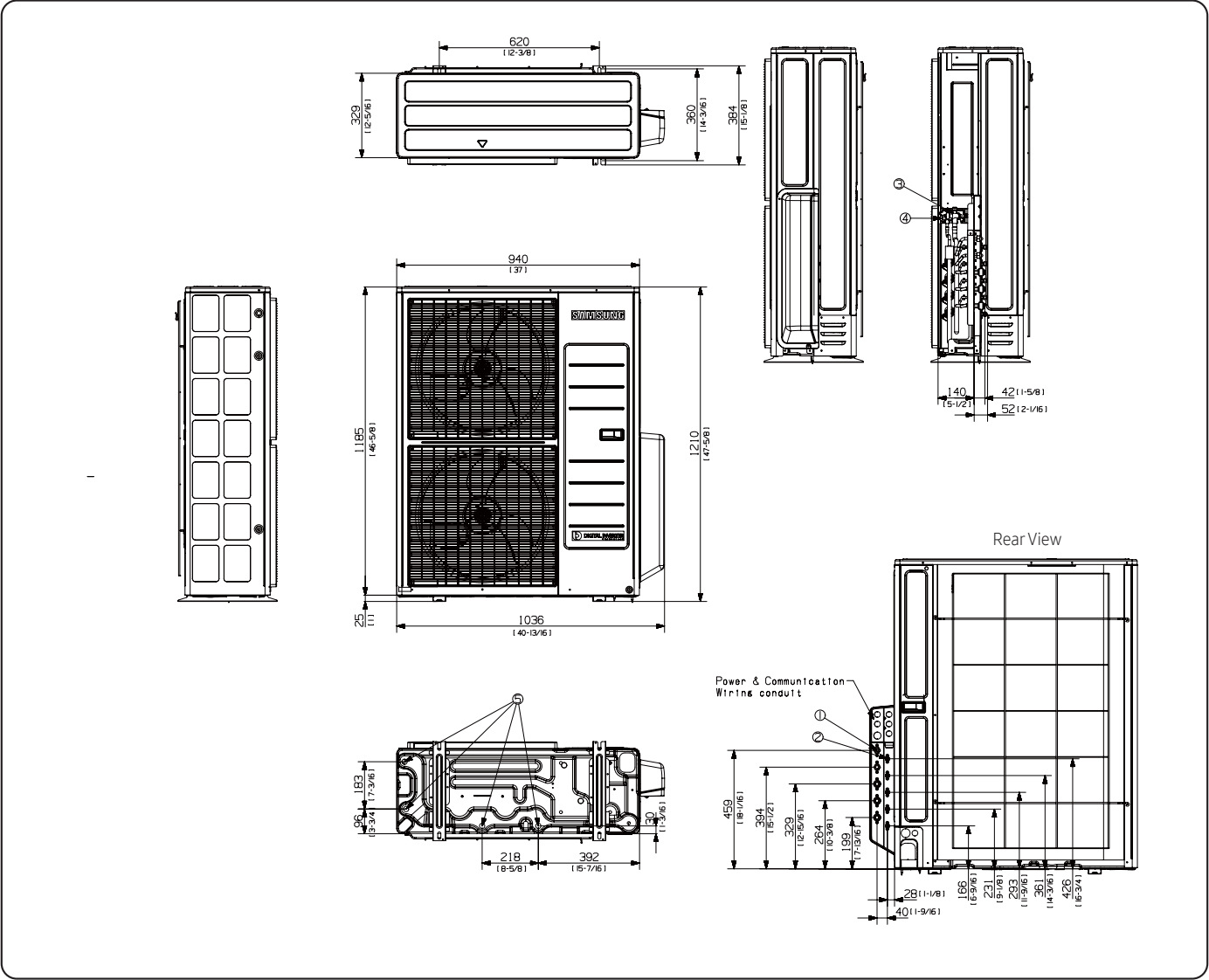
NO	Name	Description
		JXH36J4B
1	Refrigerant gas pipe	Φ9.52 (Φ3/8) x 2 EA, Φ12.7 (Φ1/2) x 2 EA
2	Refrigerant liquid pipe	Φ6.35 (Φ1/4) X 4 EA
3	Service valve (gas)	5/8"
4	Service valve (liquid)	3/8"
5	Drain hole	Connection with the provided drain plug.

5. Dimensional Drawing

5-1. Outdoor units

JXH48J5B (AJ048BXJ5CH/AA)

Units : mm [inches]



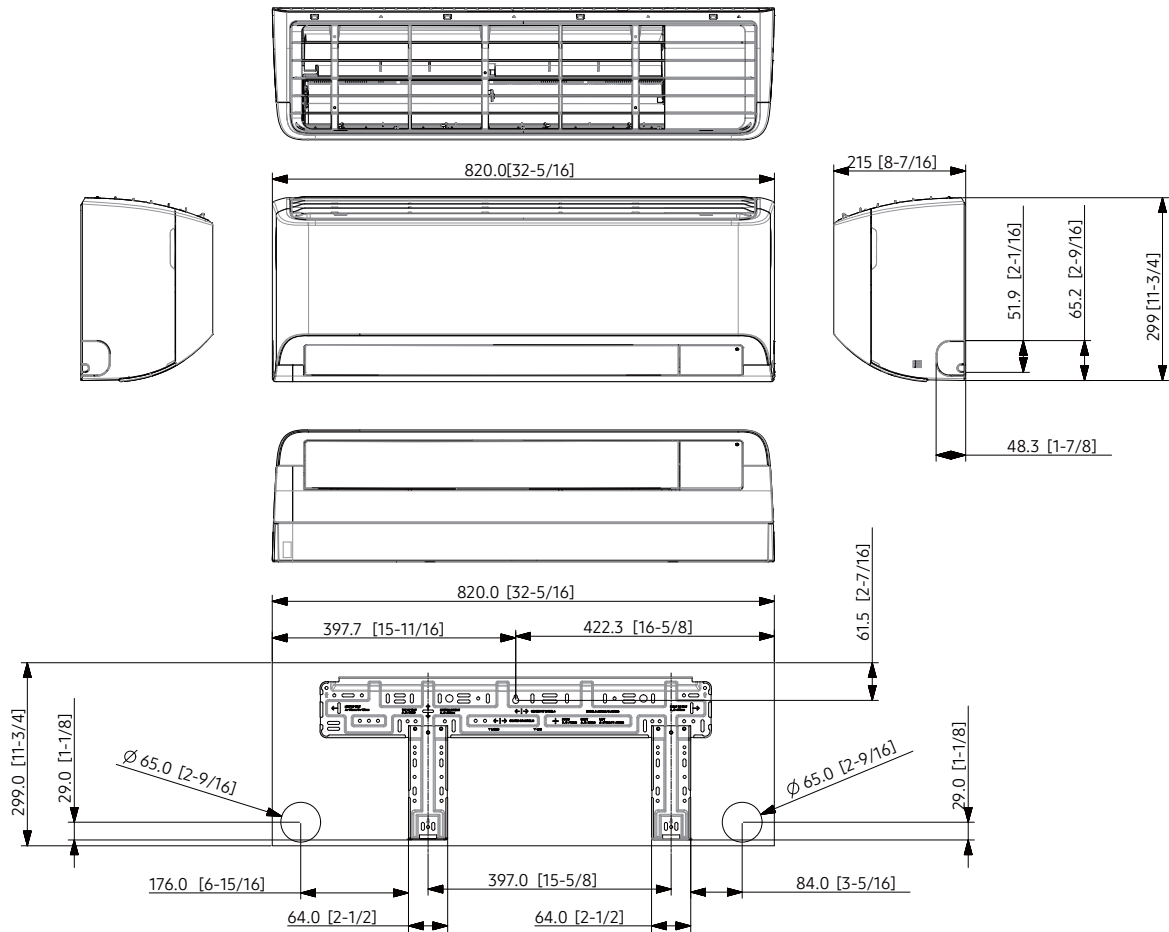
NO	Name	Description
		JXH48J5B
1	Refrigerant gas pipe	Φ9.52 (Φ3/8) x 2 EA, Φ12.7 (Φ1/2) x 3 EA
2	Refrigerant liquid pipe	Φ6.35 (Φ1/4) X 45EA
3	Service valve (gas)	5/8"
4	Service valve (liquid)	3/8"

5. Dimensional Drawing

5-2. Indoor units

1. WindFree 2.0e : RNS07CMB (AR07BSFCMWKNCV), RNS09CMB (AR09BSFCMWKNCV), RNS12CMB (AR12BSFCMWKNCV)

Unit : mm [inches]

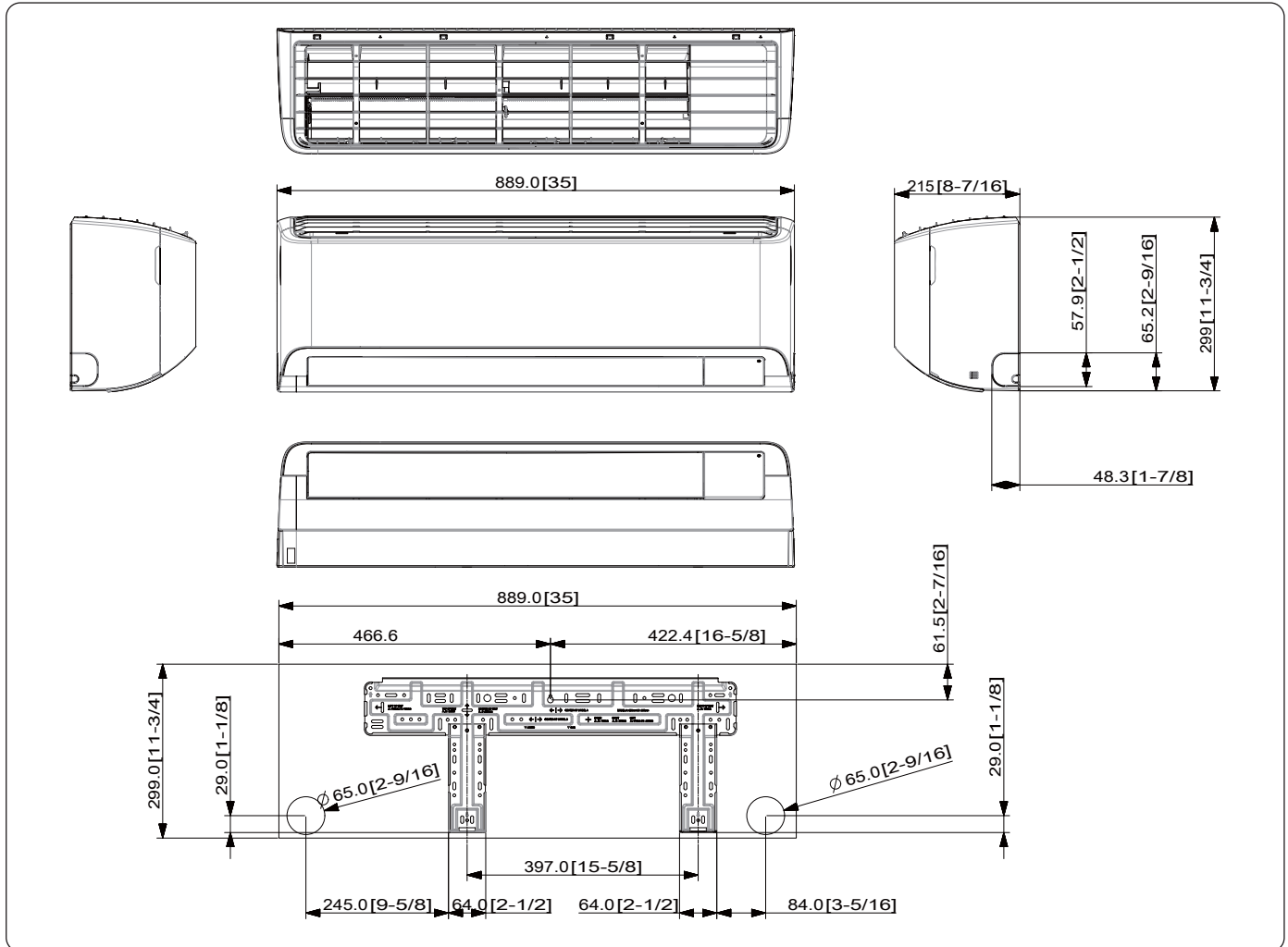


5. Dimensional Drawing

5-2. Indoor units

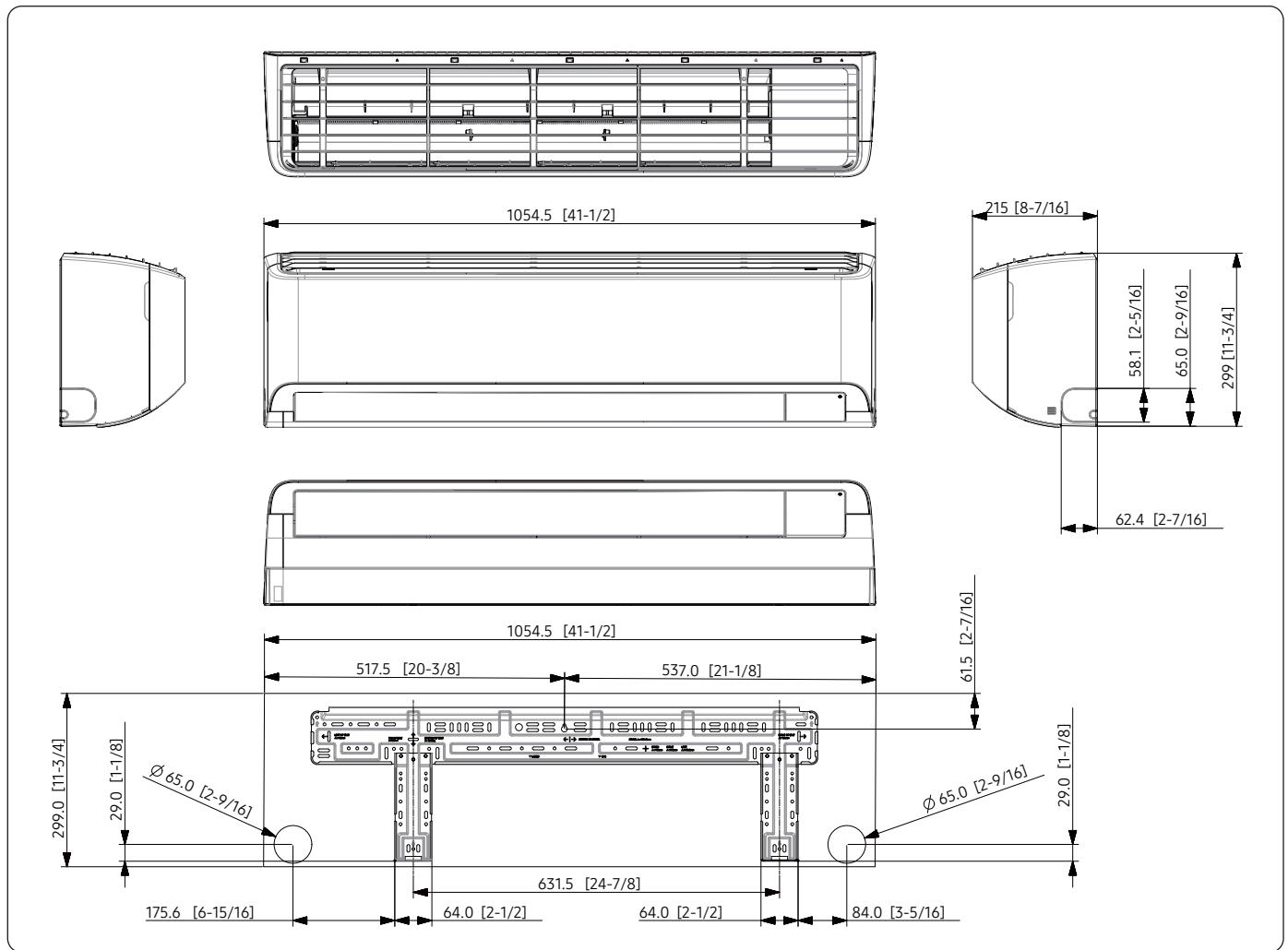
2. WindFree™ 2.0 : RNS07ABT (AR07TSFABWKNCV), RNS09ABT (AR09TSFABWKNCV),
RNS12ABT (AR12TSFABWKNCV), RNS15ABT (AR15TSFABWKNCV)
WindFree 2.0e : RNS15CMB (AR15BSFCMWKNCV)

Units : mm [inches]



5-2. Indoor units

Units : mm [inches]

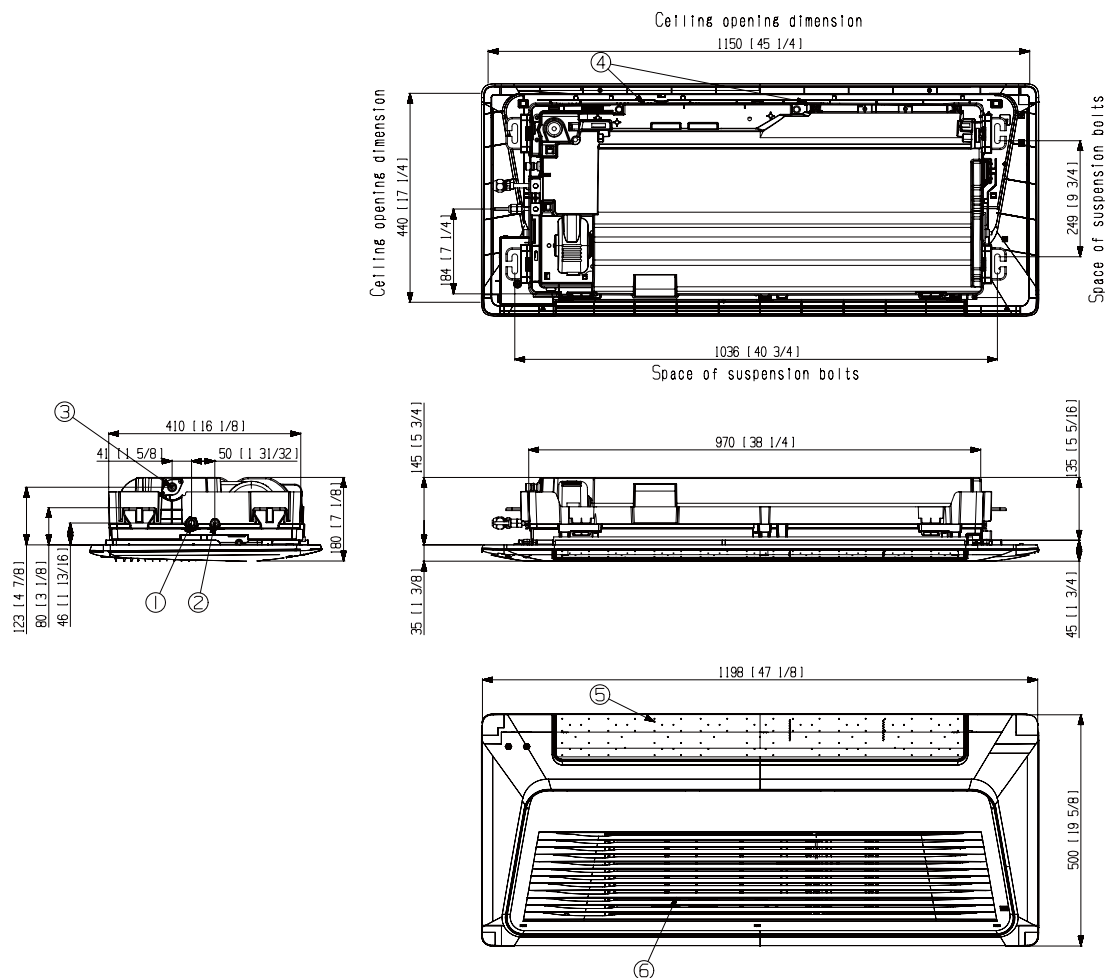


5. Dimensional Drawing

5-2. Indoor units

4. (WindFree) 1Way Cassette : CNH091DB (AC009BN1DCH/AA), CNH121DB (AC012BN1DCH/AA)

Units : mm [inches]



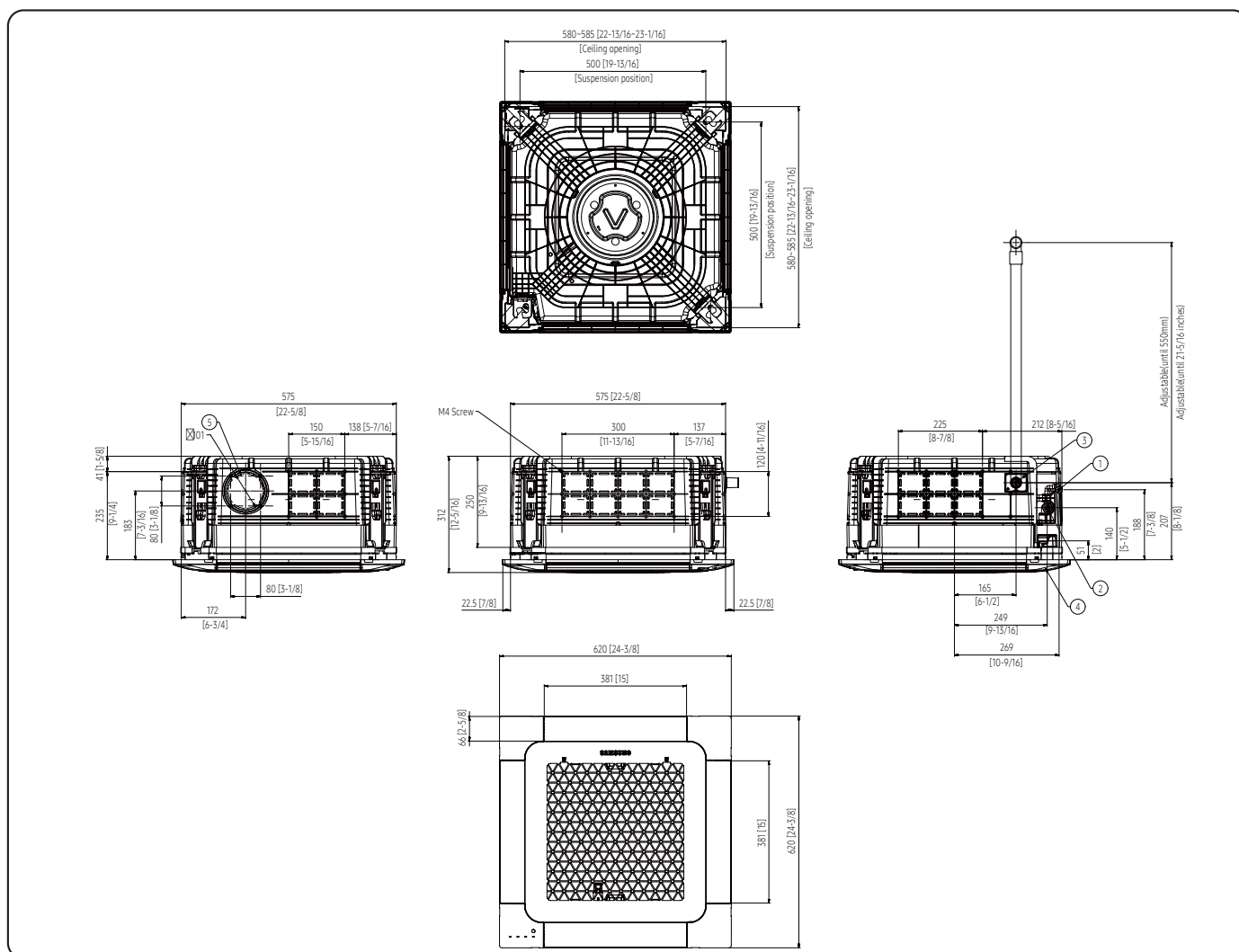
No.	Name	Description
1	Gas pipe connection	Φ 9.52 (3/8)
2	Liquid pipe connection	Φ 6.35 (1/4)
3	Drain pipe connection	VP-20 (OD26, ID20)
4	Power supply & Communication wiring conduit	-
5	Air outlet louver	-
6	Air inlet grille	-

NOTE

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

5-2. Indoor units

Units : mm [inches]



No.	Name	Description	
		CNH09/12NDB (AC009/012BNNDCH/AA)	CNH18NDB (AC018BNNDCH/AA)
1	Liquid pipe connection	Φ6.35(1/4)	
2	Gas pipe connection	Φ9.52(3/8)	Φ12.7(1/2)
3	Drain pipe connection	VP-25(OD32, ID25)	
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

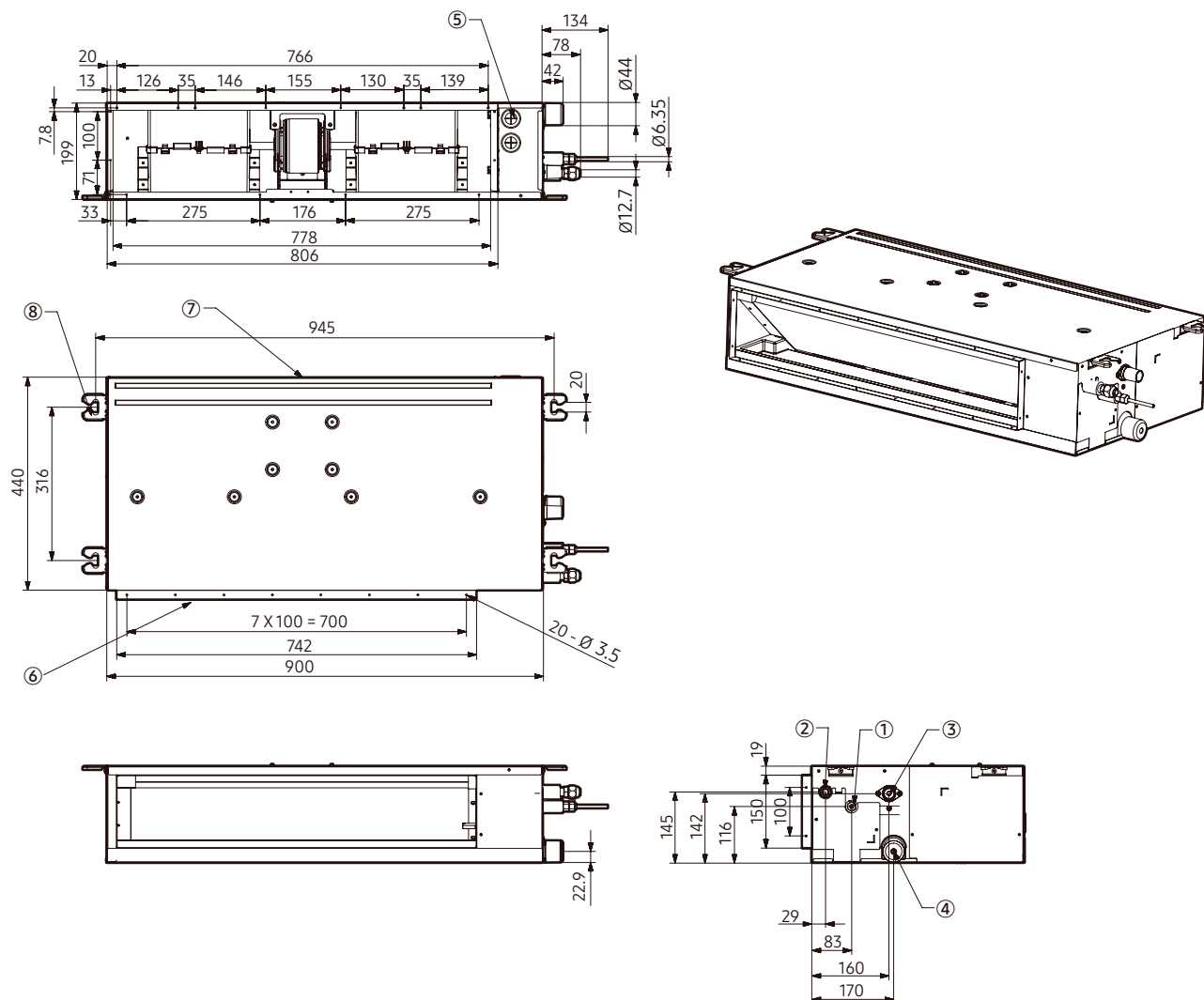
- As for suspension bolt, please use M8 ~ M10.
(Procured at local site)

5. Dimensional Drawing

5-2. Indoor units

6. Slim duct : CNH09LDB(AC009BNLDCH/AA), CNH12LDB(AC012BNLDCH/AA)

Units : mm [inches]



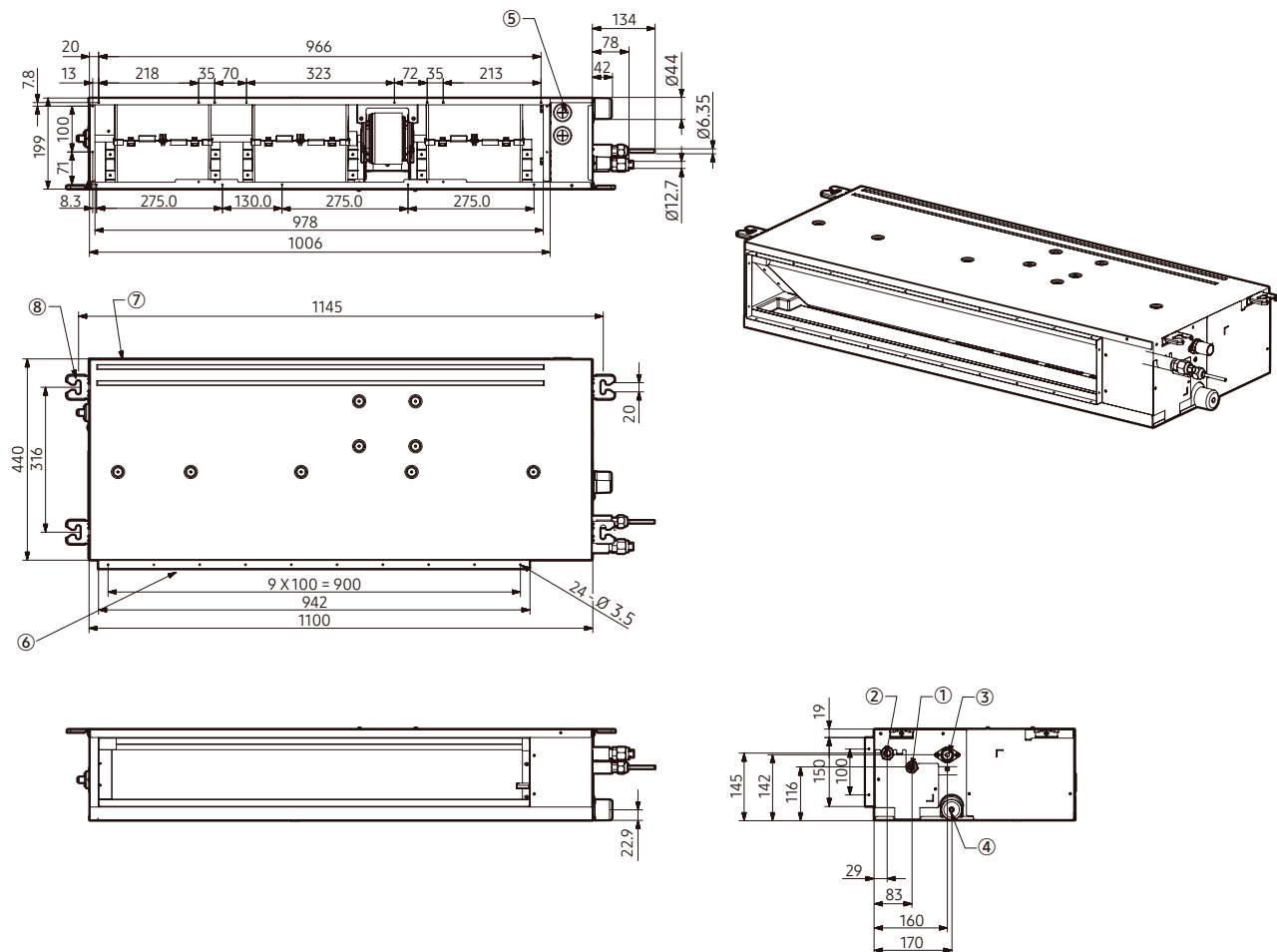
No.	Name	Description
①	Refrigerant Liquid Pipe	Ø6.35 [1/4"] Flare Connection
②	Refrigerant Gas Pipe	Φ9.52 [3/8"] Flare Connection
③	Condensate Drain	VP25 (OD 32, ID 25)
④	Condensate Drain (Option)	VP25 (OD 32, ID 25)
⑤	Power & Comm. Wiring Conduits	-
⑥	Supply Air Flange	-
⑦	Return Air Flange	-
⑧	Hook	-

5. Dimensional Drawing

5-2. Indoor units

7. Slim duct : CNH18LDB(AC018BNLDCH/AA)

Units : mm [inches]



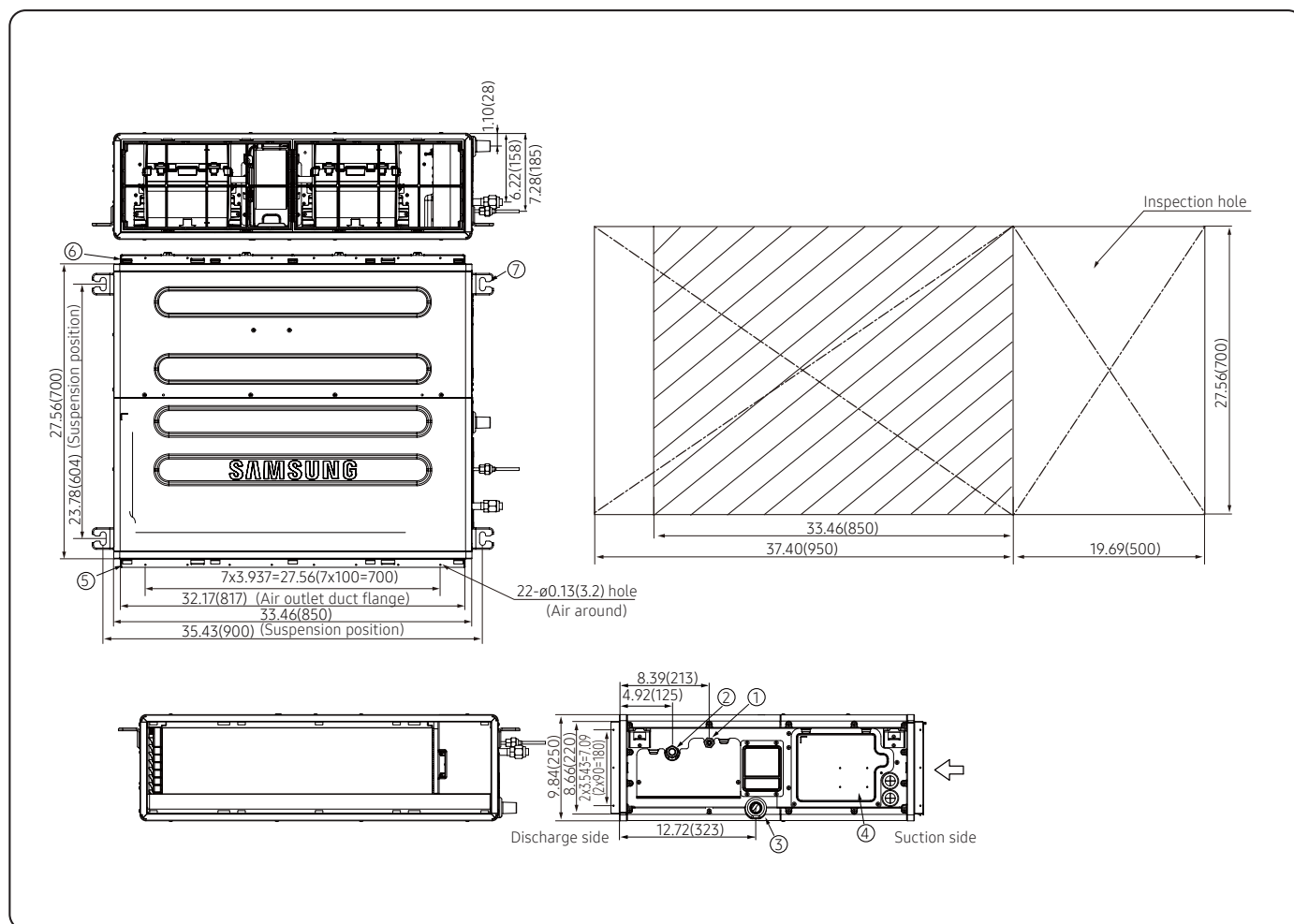
No.	Name	Description
①	Refrigerant Liquid Pipe	Ø6.35 [1/4"] Flare Connection
②	Refrigerant Gas Pipe	Ø12.7 [1/2"] Flare Connection
③	Condensate Drain	VP25 (OD 32, ID 25)
④	Condensate Drain (Option)	VP25 (OD 32, ID 25)
⑤	Power & Comm. Wiring Conduits	-
⑥	Supply Air Flange	-
⑦	Return Air Flange	-
⑧	Hook	-

5. Dimensional Drawing

5-2. Indoor units

8. Duct S : JNH09HDB (AJ009BNHDCH/AA), JNH12HDB (AJ012BNHDCH/AA)
JNH15HDB (AJ015BNHDCH/AA), JNH18HDB (AJ018BNHDCH/AA)

Units : mm [inches]



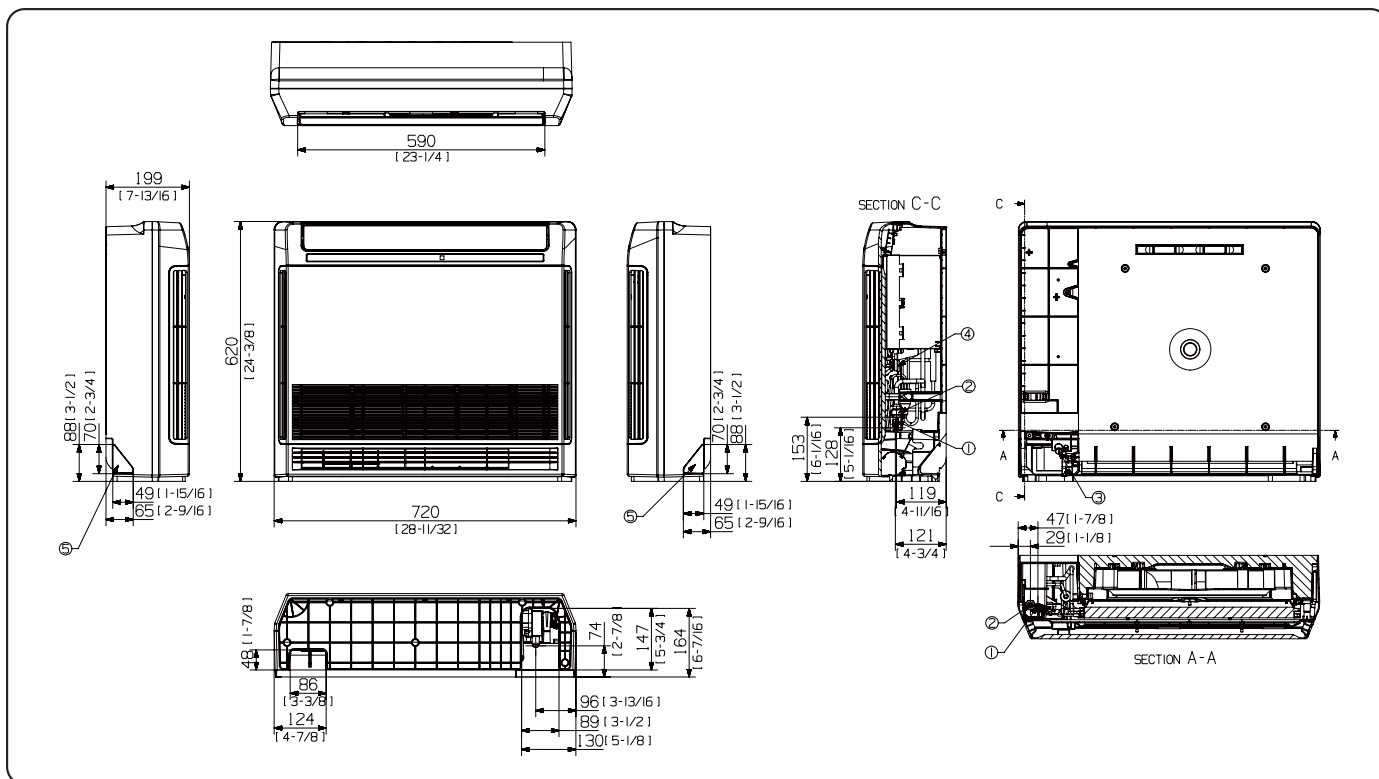
NO	Name	Description
1	Liquid pipe connection	Ø1/4"(6.35)
2	Gas pipe connection	Φ3/8"(9.52)
3	Drain pipe connection	ODØ1.26"(32) IDØ0.98"(25)
4	Power supply connection	-
5	Air discharge flange	-
6	Air filter	-
7	Hook	M8~M10

5. Dimensional Drawing

5-2. Indoor units

9. Console : CHN09JDB(AC009BNJDCH/AA), CHN12JDB(AC012BNJDCH/AA)
CHN15JDB(AC015BNJDCH/AA), CHN18JDB(AC018BNJDCH/AA)

Units : mm [inches]



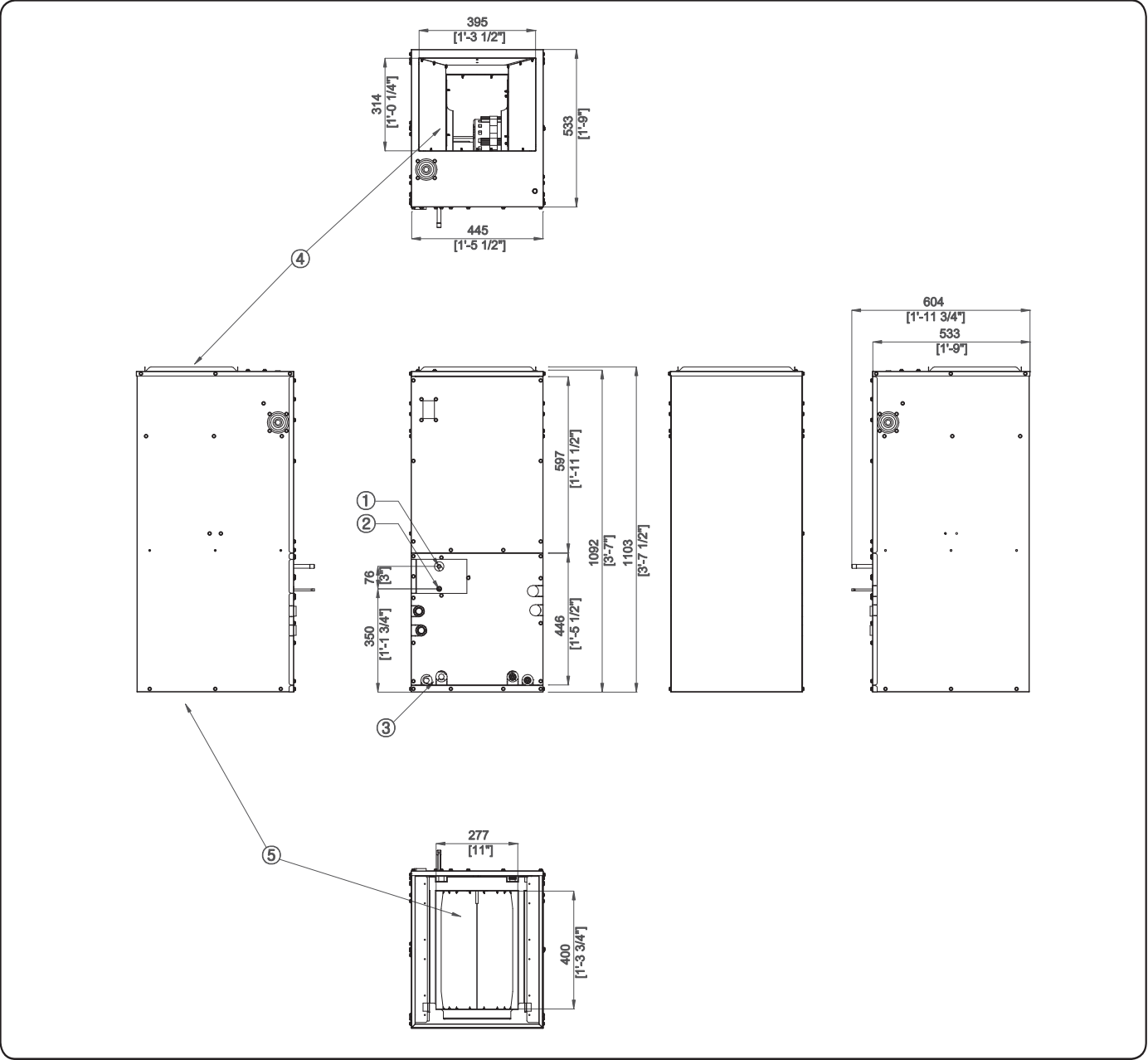
NO	Name	Description	
		CHN09JDB, CHN12JDB	CHN15JDB, CHN18JDB
1	Liquid pipe connection	Φ6.35(1/4)	
2	Gas pipe connection	Φ9.52(3/8)	Φ12.7(1/2)
3	Drain pipe connection	ID18mm [11/16inch] Hose	
4	Power supply & Communication wiring conduit	-	
6	Knockout hole for drain hose	-	

5. Dimensional Drawing

5-2. Indoor units

10. Multi Position AHU : CNH12ZDB(AC012BNZDCH/AA), CNH18ZDB(AC018BNZDCH/AA)
CNH24ZDB(AC024BNZDCH/AA)

Units : mm [inches]



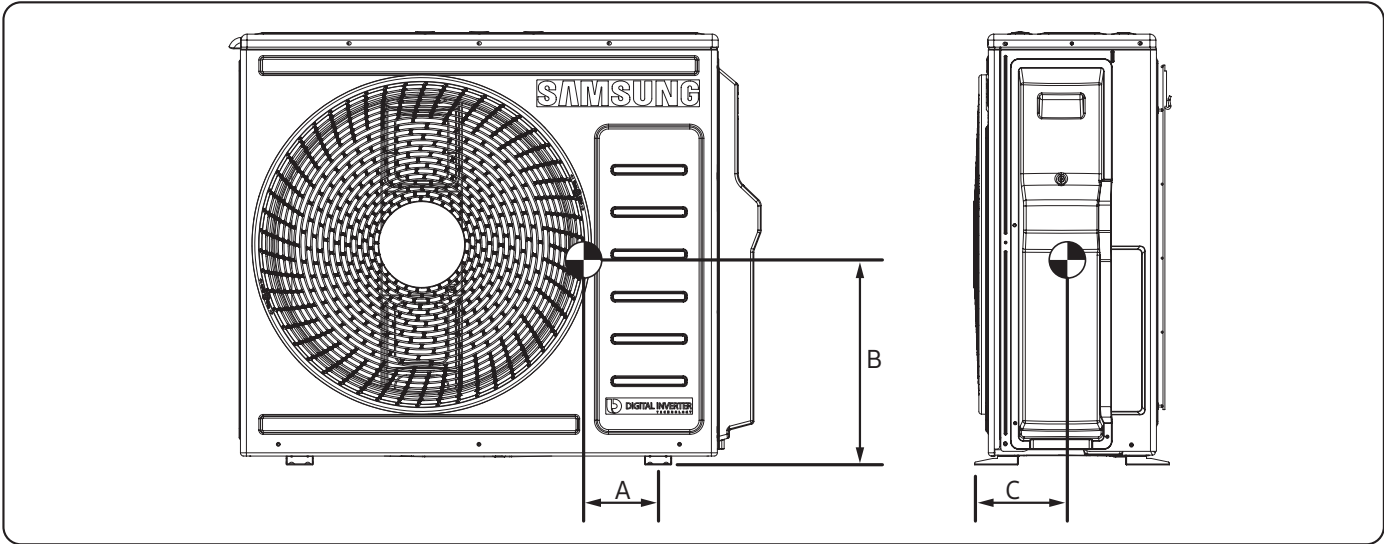
No.	Name	Description	
		CNH15/18ZDB	CNH24ZDB
1	Gas pipe connection	Φ12.7(1/2")	Φ15.88(5/8")
2	Liquid pipe connection	Φ6.35(1/4")	
3	Drain pipe connection	FPT 3/4"	
4	Air outlet		
5	Air intake		

6. Center of Gravity

6-1. Outdoor units

1. JXH20J2B (AJ020BXJ2CH/AA), JXH24J3B (AJ024BXJ3CH/AA)

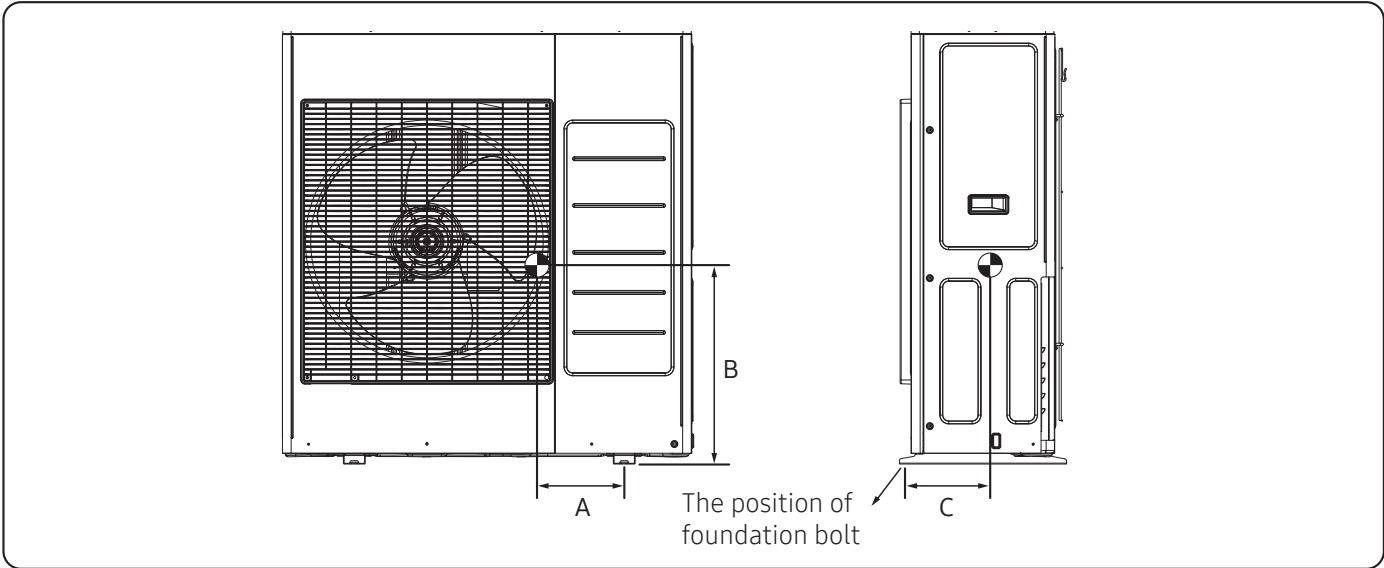
Units : mm [inches]



Model	A	B	C
JXH20J2B(AJ020BXJ2CH/AA) JXH24J3B(AJ024BXJ3CH/AA)	159 [6-1/4]	327 [12-7/8]	153 [6]

2. JXH36J4B (AJ036BXJ4CH/AA)

Units : mm [inches]



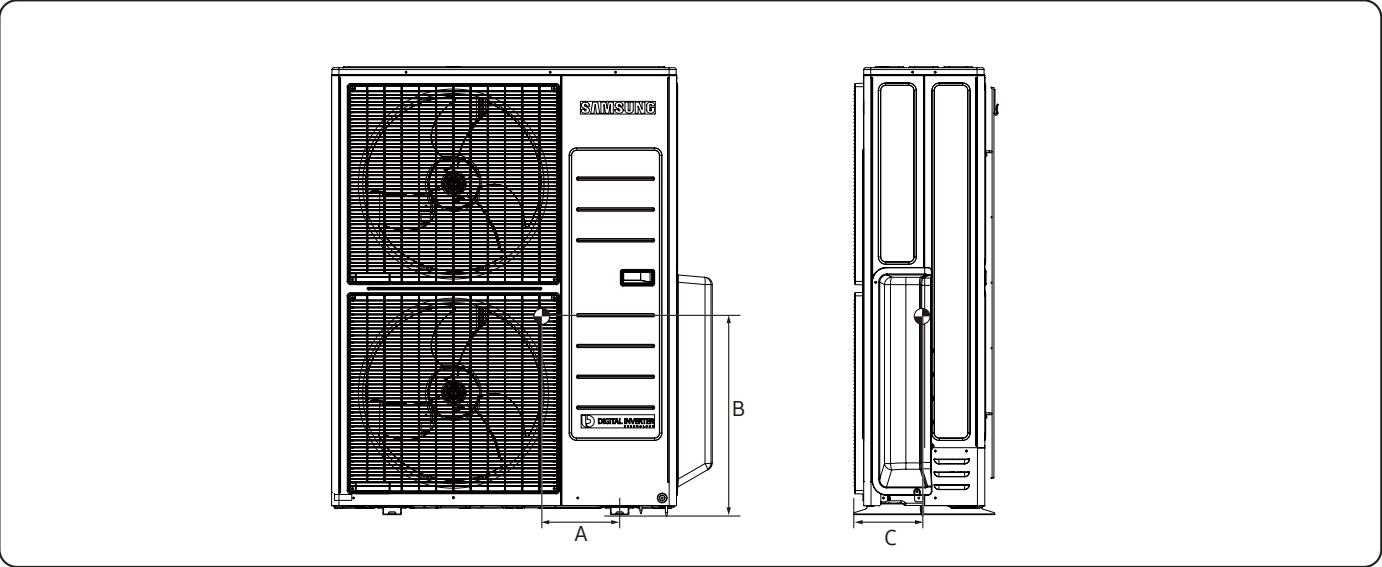
Model	A	B	C
JXH36J4B (AJ036BXJ4CH/AA)	207 [8-1/8]	444 [17-1/2]	176 [6-15/16]

6. Center of Gravity

6-1. Outdoor units

3. JXH48J5B (AJ048BXJ5CH/AA)

Units : mm (inches)



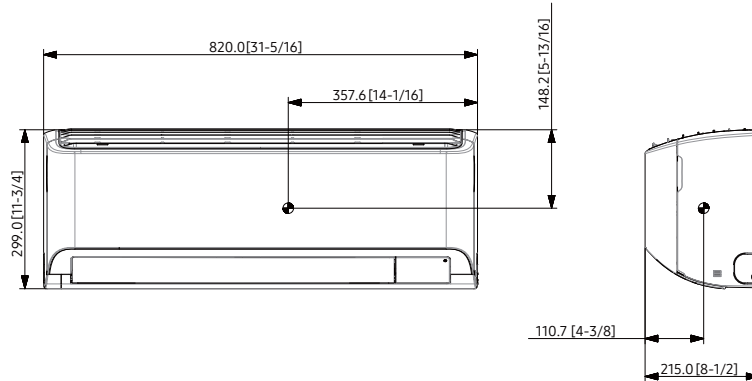
Model	A	B	C
JXH48J5B (AJ048BXJ5CH/AA)	205 [8-1/8]	530 [20-7/8]	176 [6-15/16]

6. Center of Gravity

6-2. Indoor units

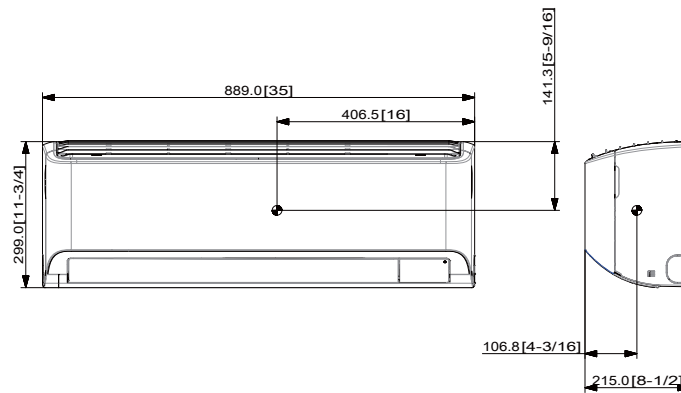
1. WindFree 2.0e : RNS07CMB (AR07BSFCMWKNCV), RNS09CMB (AR09BSFCMWKNCV),
RNS12CMB (AR12BSFCMWKNCV)

Units : mm (inches)



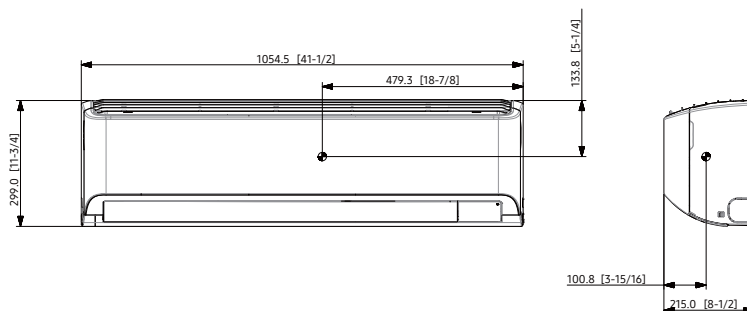
2. WindFree™ 2.0 : RNS07ABT (AR07TSFABWKNCV), RNS09ABT (AR09TSFABWKNCV),
RNS12ABT (AR12TSFABWKNCV), RNS15ABT (AR15TSFABWKNCV)
WindFree 2.0e : RNS15CMB (AR15BSFCMWKNCV)

Units : mm (inches)



3. WindFree™ 2.0 : RNS18ABT (AR18TSFABWKNCV), RNS24ABT (AR24TSFABWKNCV)
WindFree 2.0e : RNS18CMB (AR18BSFCMWKNCV), RNS24CMB (AR24BSFCMWKNCV)

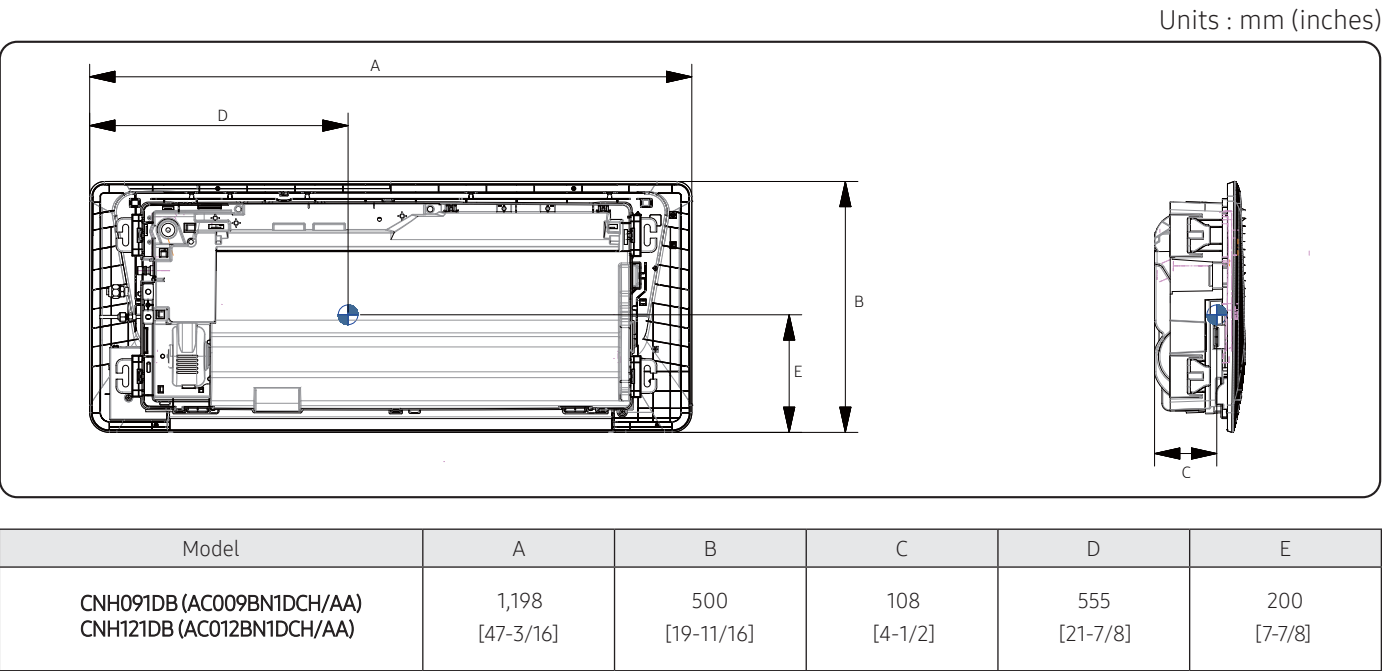
Units : mm (inches)



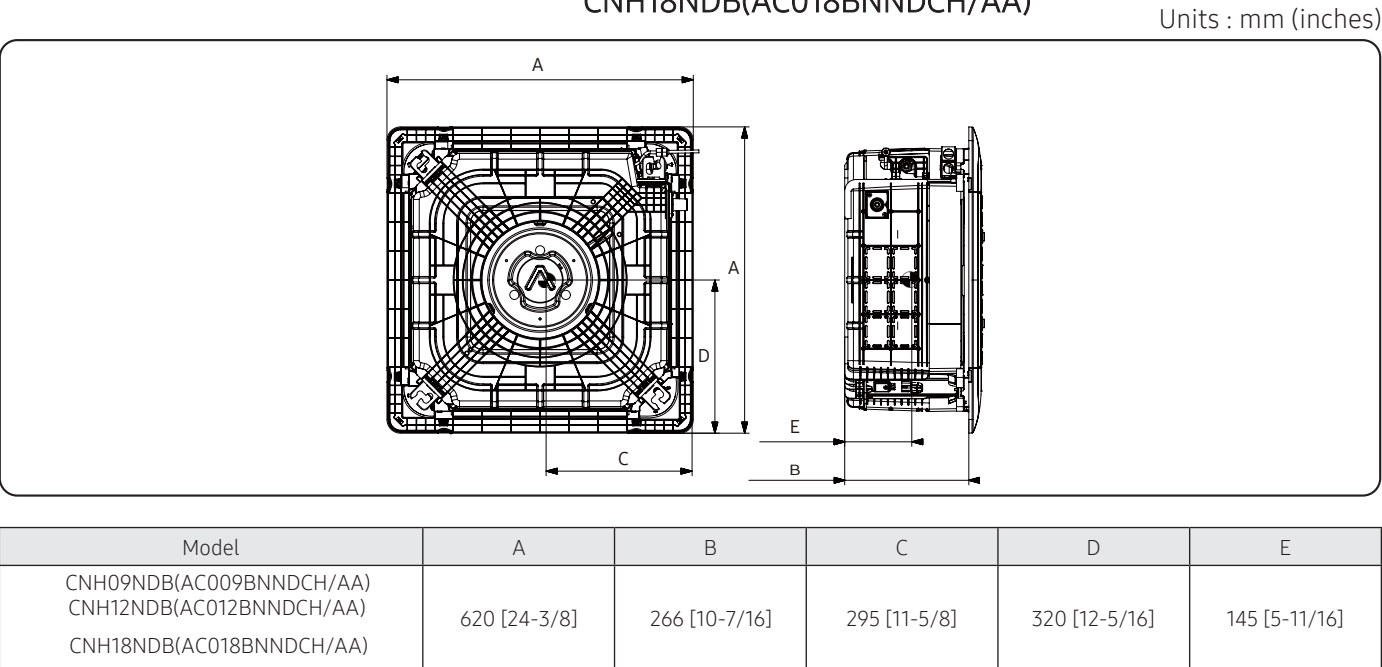
6. Center of Gravity

6-2. Indoor units

4. (WindFree) 1Way Cassette : CNH091DB (AC009BN1DCH/AA), CNH121DB (AC012BN1DCH/AA)



5. (WindFree) 4Way Cassette (600x600) : CNH09NDB(AC009BNNDCH/AA),
CNH12NDB(AC012BNNDCH/AA),
CNH18NDB(AC018BNNDCH/AA)

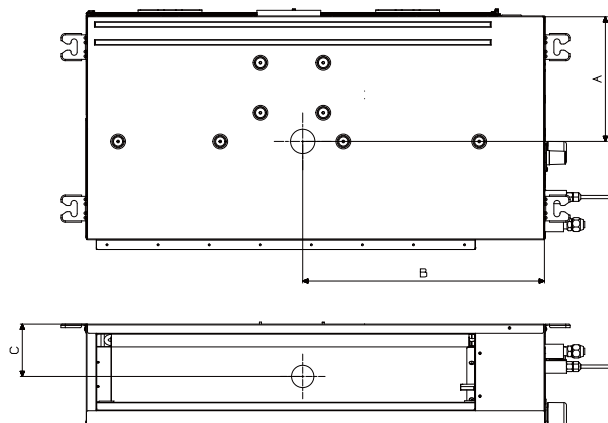


6. Center of Gravity

6-2. Indoor units

6. Slim duct : CNH09LDB(AC009BNLDCH/AA), CNH12LDB(AC012BNLDCH/AA)
CNH18LDB(AC018BNLDCH/AA)

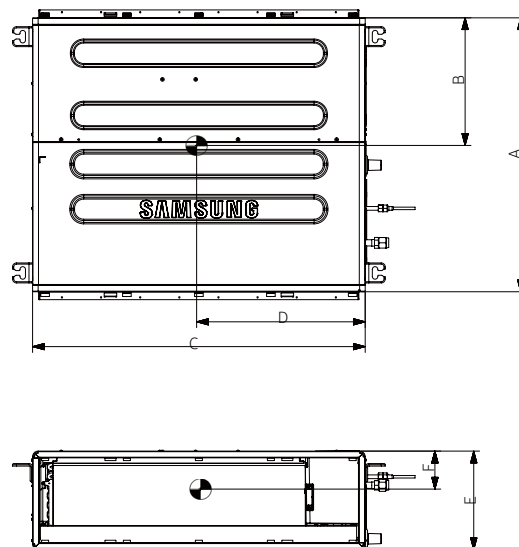
Units : mm (inches)



Model	A	B	C
CNH09/12LDB(AC009/012BNLDCH/AA)	233 [9-3/16]	436 [17-3/16]	100 [3-15/16]
CNH18LDB(AC018BNLDCH/AA)	240 [9-7/16]	540 [21-1/4]	100 [3-15/16]

7. Duct S : JNH09HDB (AJ009BNHDCH/AA), JNH12HDB (AJ012BNHDCH/AA)
JNH15HDB (AJ015BNHDCH/AA), JNH18HDB (AJ018BNHDCH/AA)

Units : mm (inches)



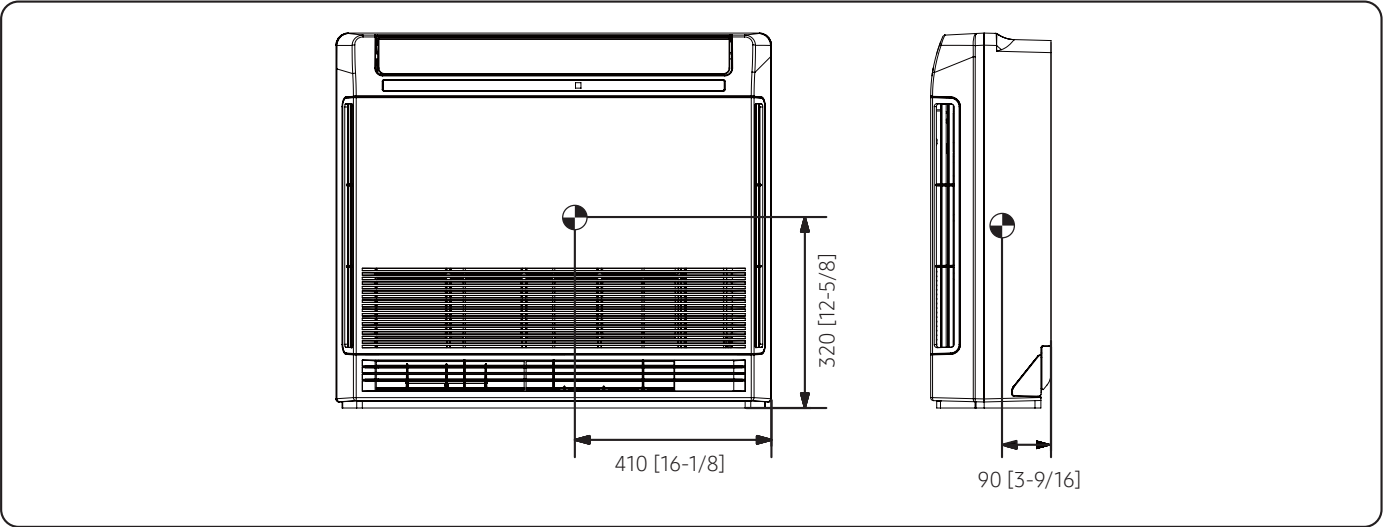
A	B	C	D	E	F
700 [27-9/16]	335 [14]	900 [35-7/16]	405 [15-15/16]	252 [9-15/16]	125 [4-15/16]

6. Center of Gravity

6-2. Indoor units

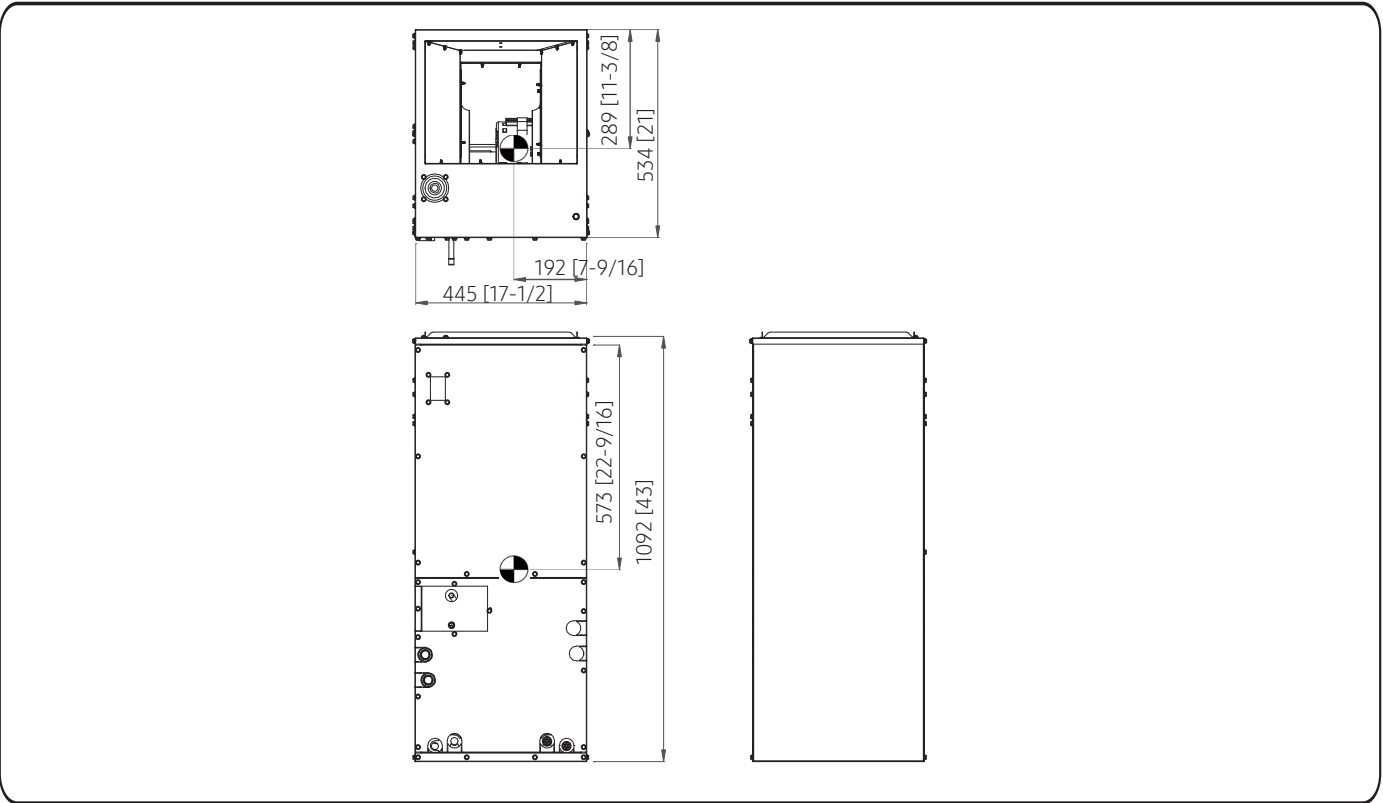
8. Console : CHN09JDB(AC009BNJDCH/AA), CHN12JDB(AC012BNJDCH/AA)
CHN15JDB(AC015BNJDCH/AA), CHN18JDB(AC018BNJDCH/AA)

Units : mm (inches)



9. Multi Position AHU : CNH12ZDB(AC012BNZDCH/AA), CNH18ZDB(AC018BNZDCH/AA)
CNH24ZDB(AC024BNZDCH/AA)

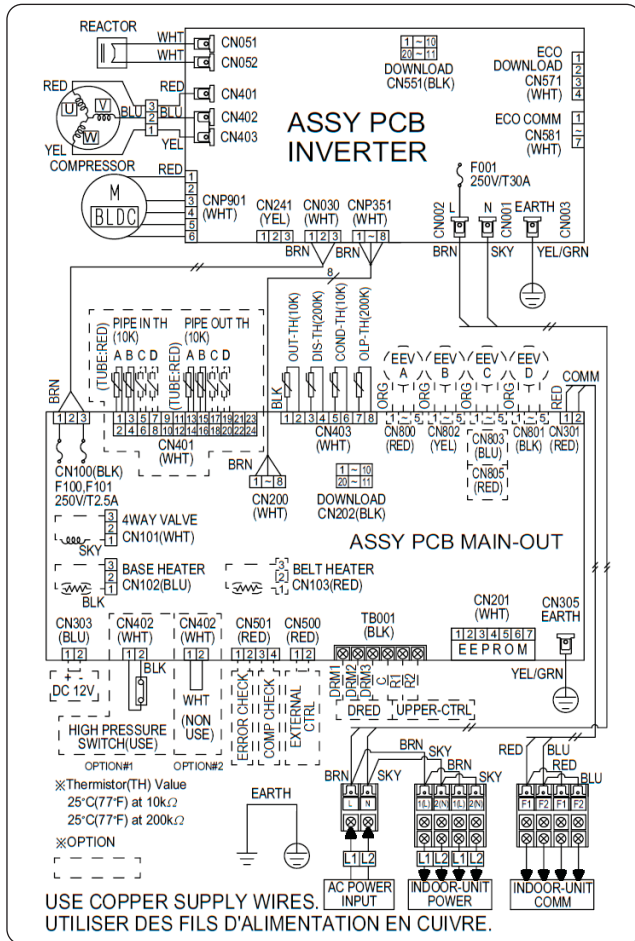
Units : mm (inches)



7. Electrical Wiring Diagram

7-1. Outdoor units

1. JXH20J2B (AJ020BXJ2CH/AA), JXH24J3B (AJ024BXJ3CH/AA)



ASSY PCB INVERTER	Printed circuit board
ASSY PCB MAIN-OUT	Printed circuit board
F001(250V/T30A)	Fuse(ASSY PCB INVERTER)
F100(250V/T2.5A)	Fuse(ASSY PCB MAIN-OUT)
F101(250V/T2.5A)	Fuse(ASSY PCB MAIN-OUT)
OUT-TH	Thermistor(Ambient Temp. - 10kohm)
DIS-TH	Thermistor(Discharge Temp. - 200kohm)
COND-TH	Thermistor(Condensor Temp. - 10kohm)
OLP-TH	Thermistor(Compressor Top Temp. - 200kohm)
PIPE IN TH - A	Thermistor(A Pipe In Temp. - 10kohm)
PIPE IN TH - B	Thermistor(B Pipe In Temp. - 10kohm)
PIPE IN TH - C	Thermistor(C Pipe In Temp. - 10kohm)
PIPE IN TH - D	Thermistor(D Pipe In Temp. - 10kohm)
PIPE OUT TH - A	Thermistor(A Pipe Out Temp. - 10kohm)
PIPE OUT TH - B	Thermistor(B Pipe Out Temp. - 10kohm)
PIPE OUT TH - C	Thermistor(C Pipe Out Temp. - 10kohm)
PIPE OUT TH - D	Thermistor(D Pipe Out Temp. - 10kohm)
EEV - A	Electronic Expansion Valve A
EEV - B	Electronic Expansion Valve B
EEV - C	Electronic Expansion Valve C
EEV - D	Electronic Expansion Valve D
COMPRESSOR	Motor(Compressor)
M-BLDC	Motor(FAN)
4WAY VALVE	Solenoid Valve(4Way)
BASE HEATER	Heating Wire

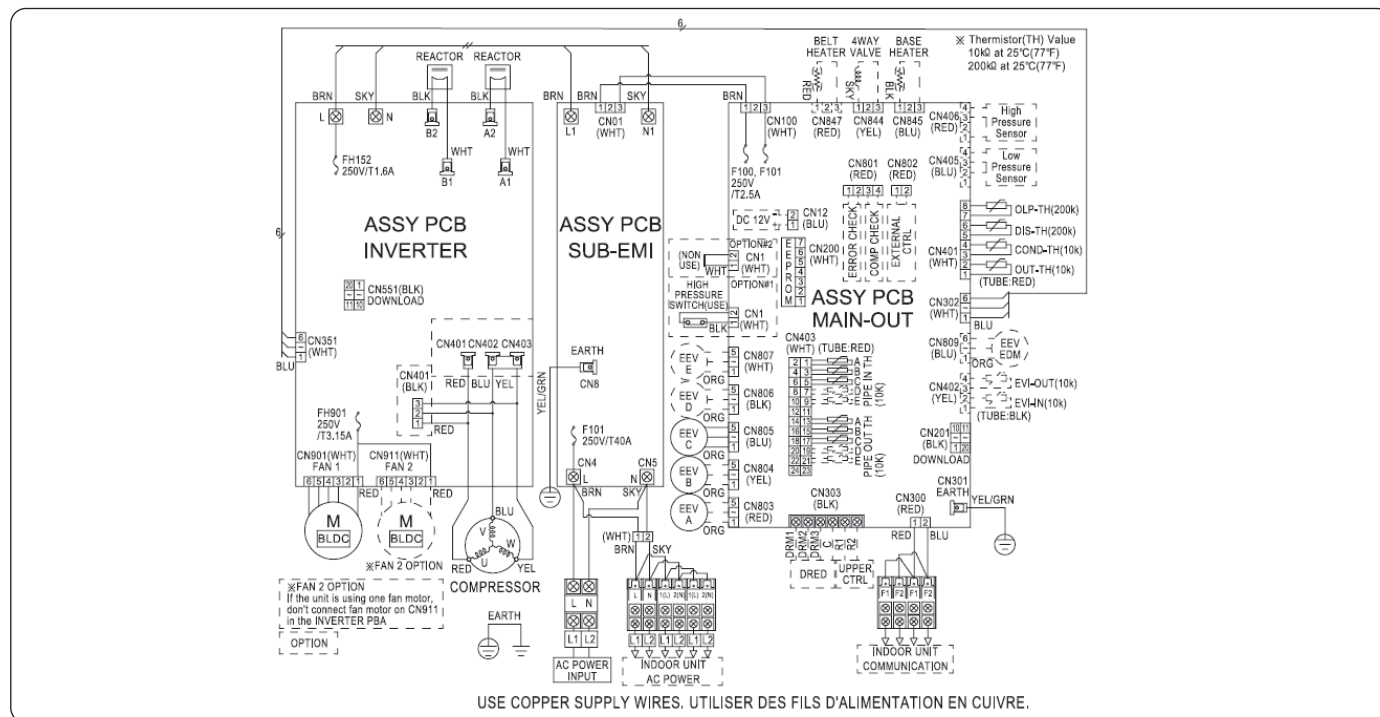
NOTE

- 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

7-1. Outdoor units

2. JXH36J4B (AJ036BXJ4CH/AA), JXH48J5B (AJ048BXJ5CH/AA)



ASSY PCB INVERTER	Printed circuit board	BASE HEATER	Heating Wire	PIPE OUT TH - A	Thermistor (A Pipe Out Temp. - 10kohm)
ASSY PCB SUB-EMI	Printed circuit board	OUT-TH	Thermistor (Ambient Temp. - 10kohm)	PIPE OUT TH - B	Thermistor (B Pipe Out Temp. - 10kohm)
ASSY PCB MAIN-OUT	Printed circuit board	DIS-TH	Thermistor (Discharge Temp. - 200kohm)	PIPE OUT TH - C	Thermistor (C Pipe Out Temp. - 10kohm)
FH152(250V/T1.6A)	Fuse(ASSY PCB INVERTER)	COND-TH	Thermistor (Condensor Temp. - 10kohm)	PIPE OUT TH - D	Thermistor (D Pipe Out Temp. - 10kohm)
FH901(250V/T3.15A)	Fuse(ASSY PCB INVERTER)	OLP-TH	Thermistor (Compressor Top Temp. - 200kohm)	PIPE OUT TH - E	Thermistor (E Pipe Out Temp. - 10kohm)
F101(250V/T40A)	Fuse(ASSY PCB SUB-EMI)	PIPE IN TH - A	Thermistor (A Pipe In Temp. - 10kohm)	EEV - A	Electronic Expansion Valve A
F100(250V/T2.5A)	Fuse(ASSY PCB MAIN-OUT)	PIPE IN TH - B	Thermistor (B Pipe In Temp. - 10kohm)	EEV - B	Electronic Expansion Valve B
F101(250V/T2.5A)	Fuse(ASSY PCB MAIN-OUT)	PIPE IN TH - C	Thermistor (C Pipe In Temp. - 10kohm)	EEV - C	Electronic Expansion Valve C
COMPRESSOR	Motor(Compressor)	PIPE IN TH - D	Thermistor (D Pipe In Temp. - 10kohm)	EEV - D	Electronic Expansion Valve D
M-BLDC	Motor(FAN)	PIPE IN TH - E	Thermistor (E Pipe In Temp. - 10kohm)	EEV - E	Electronic Expansion Valve E
4WAY VALVE	Solenoid Valve(4Way)				

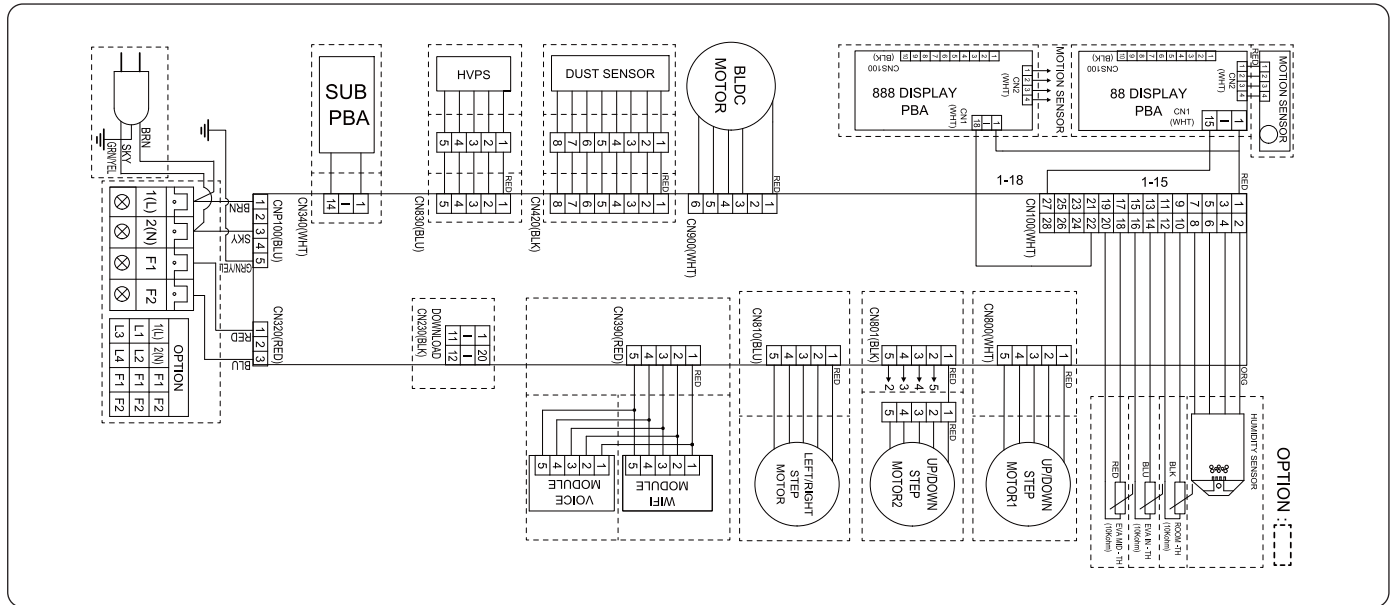
NOTE

- 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

1. WindFree™ 2.0 : RNS07ABT (AR07TSFABWKNCV), RNS09ABT (AR09TSFABWKNCV),
RNS12ABT (AR12TSFABWKNCV), RNS15ABT (AR15TSFABWKNCV),
RNS18ABT (AR18TSFABWKNCV), RNS24ABT (AR24TSFABWKNCV)
- WindFree 2.0e : RNS07CMB (AR07BSFCMWKNCV), RNS09CMB (AR09BSFCMWKNCV),
RNS12YCMB (AR12BSFCMWKNCV), RNS15CMB (AR15BSFCMWKNCV),
RNS18CMB (AR18BSFCMWKNCV), RNS24CMB (AR24BSFCMWKNCV)



MAIN PBA	Printed circuit board(MAIN)	BLDC MOTOR	BLDC Motor	ROOM-TH(10K)	Thermistor ROOM
88 DISPLAY	Printed circuit board(DISPLAY)	HVPS	High voltage power supply(Optional)	EVA IN-TH(10K)	Thermistor EVA IN
SUB	Printed circuit board(SUB)	DUST SENSOR	Dust Sensor(Optional)	EVA MID-TH(10K)	Thermistor EVA OUT
WIFI MODULE	Wifi(Optional)	HUMIDITY SENSOR	Humidity Sensor(Optional)	STEP MOTOR1	Up/Down Louver
VOICE MODULE	Voice recognition(Optional)	STEP MOTOR	Left/Righth Louver	STEP MOTOR2	Up/Down Louver(Optional)

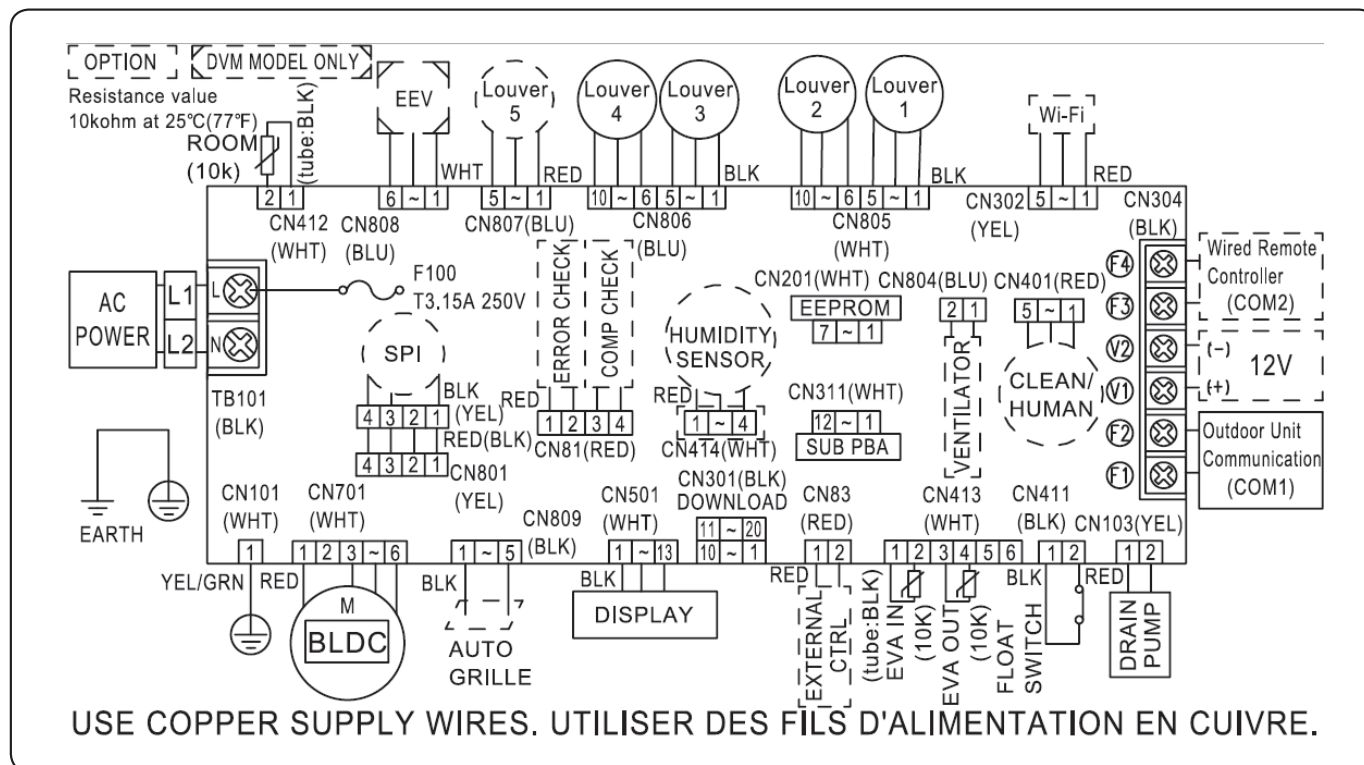
NOTE

- 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

2. (WindFree) 1Way Cassette : CNH091DB (AC009BN1DCH/AA), CNH121DB (AC012BN1DCH/AA)



M-BLDC	BLDC Motor	SPI	S-Plasma ion	ROOM(10K)	Thermistor ROOM OUT(10K)
WIFI	Option WiFi Module	EEV	Electronic Expansion Valve	EVA-IN(10K)	Thermistor EVA IN(10K)
F1/F2	Out To Indoor Communication	EXT_CONTROL	EXTERNAL_CONTROL	EVA-OUT(10K)	Thermistor EVA OUT(10K)

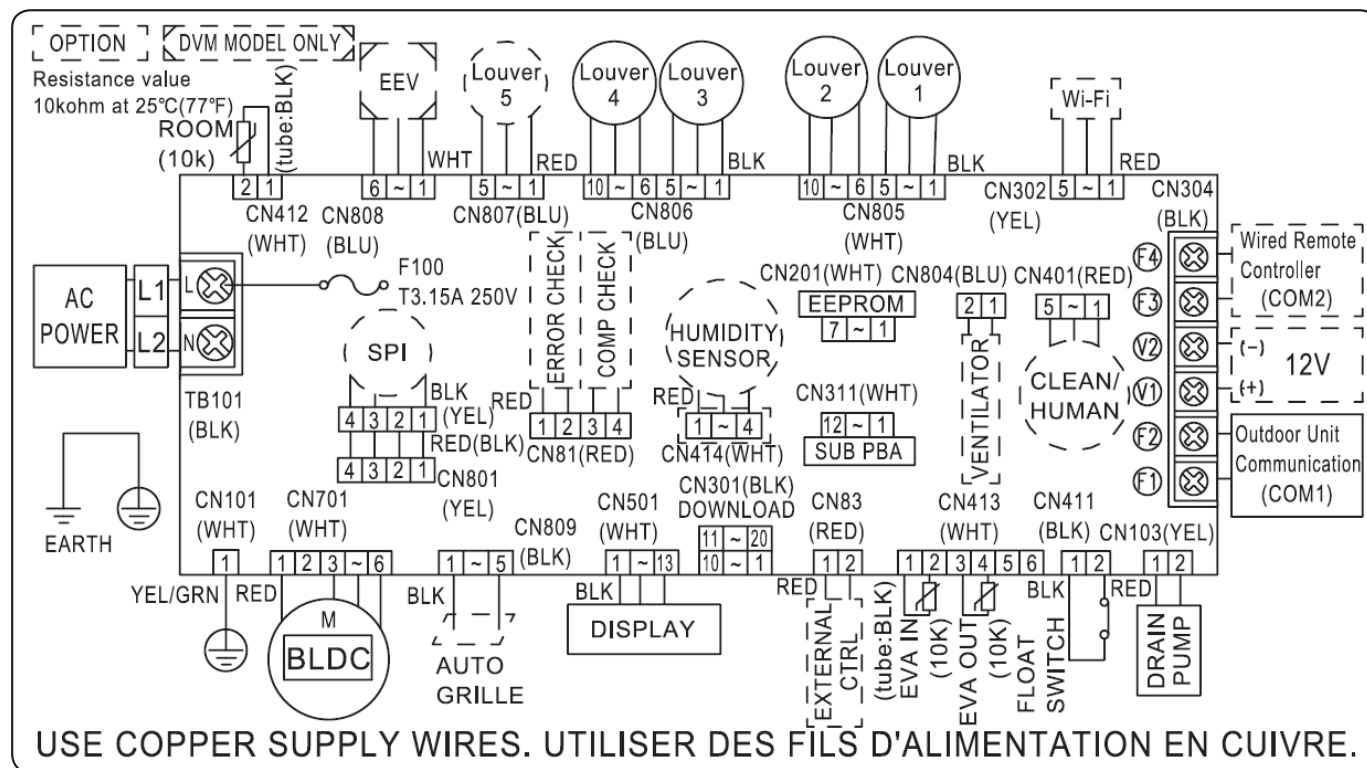
NOTE

- 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)

7. Electrical Wiring Diagram

7-2. Indoor units

3. (WindFree) 4Way Cassette (600x600) : CNH09NDB(AC009BNNDCH/AA),
CNH12NDB(AC012BNNDCH/AA), CNH18NDB(AC018BNNDCH/AA)



SUB PBA	Printed Circuit Board(SUB)	SPI	S-Plasma ion	ROOM(10K)	Thermistor ROOM OUT(10K)
M-BLDC	BLDC Motor	EEV	Electronic Expansion Valve	EVA-IN(10K)	Thermistor EVA IN(10K)
		EXT_CONTROL	EXTERNAL_CONTROL	EVA-OUT(10K)	Thermistor EVA OUT(10K)

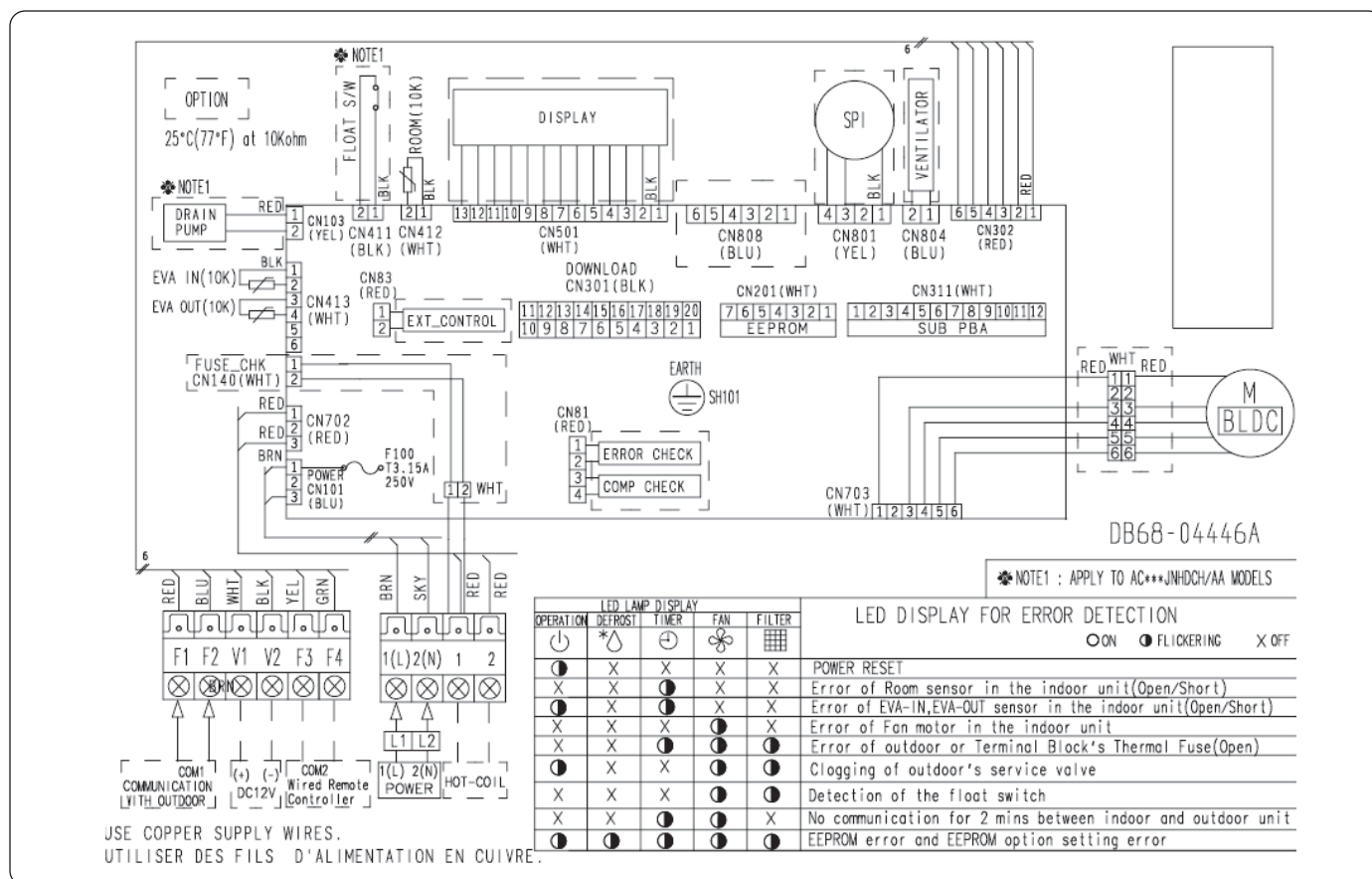
NOTE

- 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)

7. Electrical Wiring Diagram

7-2. Indoor units

4. Slim duct : CNH09LDB(AC009BNLDCH/AA), CNH12LDB(AC012BNLDCH/AA), CNH18LDB(AC018BNLDCH/AA)



MAIN PCB	Printed circuit	M-BLDC	BLDC Motor	ROOM(10K)	Thermistor ROOM
EXT_CONTROL	board(MAIN) EXTERNAL CONTROL	EEV	Electronic Expansion Valve	EVA IN(10K)	Thermistor EVA IN
				EVA OUT(10K)	Thermistor EVA OUT

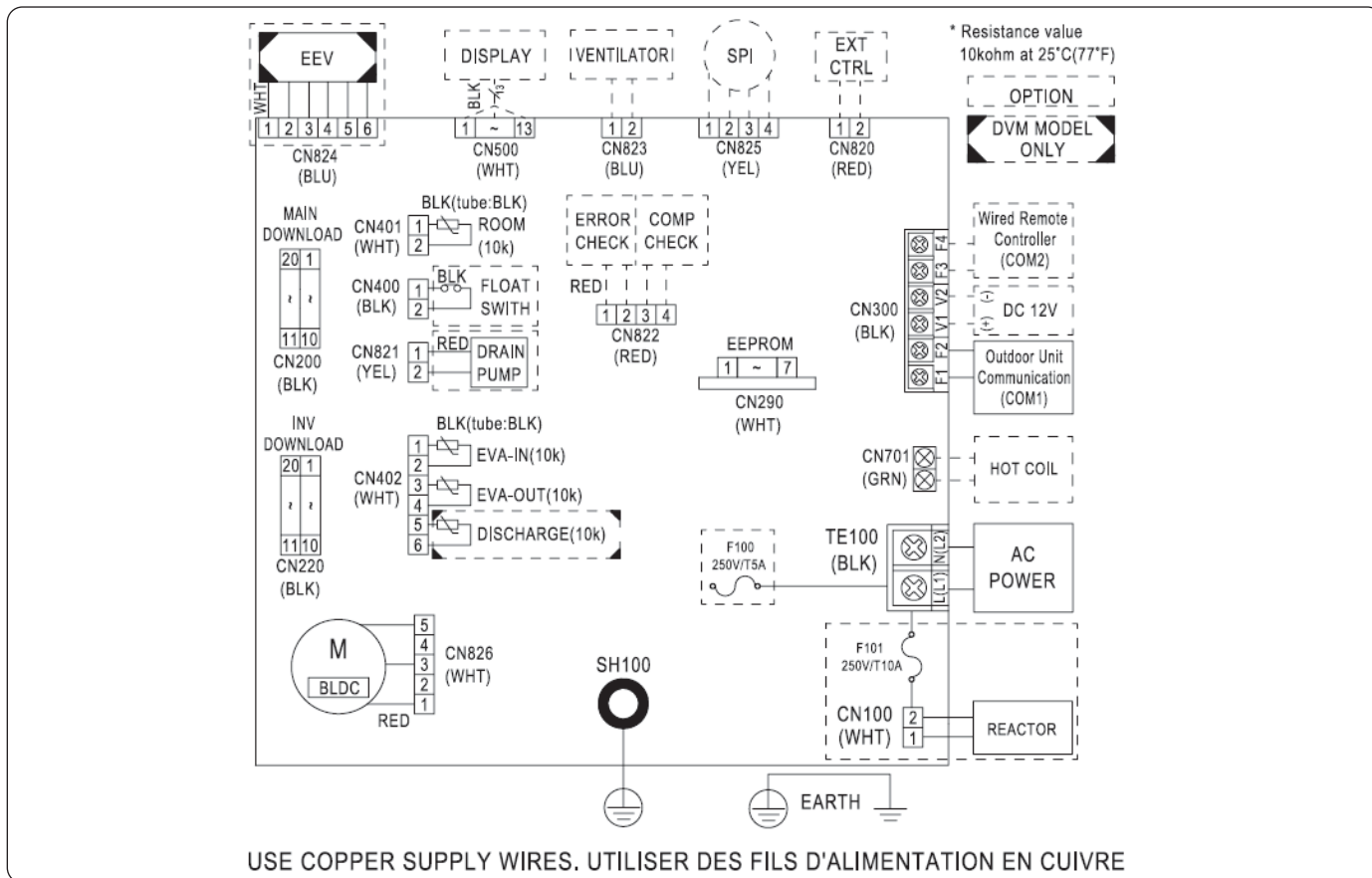
NOTE

- 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)

7. Electrical Wiring Diagram

7-2. Indoor units

5. Duct S : JNH09HDB (AJ009BNHDCH/AA), JNH12HDB (AJ012BNHDCH/AA)
JNH15HDB (AJ015BNHDCH/AA), JNH18HDB (AJ018BNHDCH/AA)



MAIN PCB	Printed circuit board(MAIN)	M-BLDC	BLDC Motor	ROOM(10K)	Thermistor ROOM
EXT_CONTROL	EXTERNAL CONTROL	EEV	Electronic Expansion Valve	EVA IN(10K)	Thermistor EVA IN
DISCHARGE(10K)	Thermistor DISCHARGE			EVA OUT(10K)	Thermistor EVA OUT

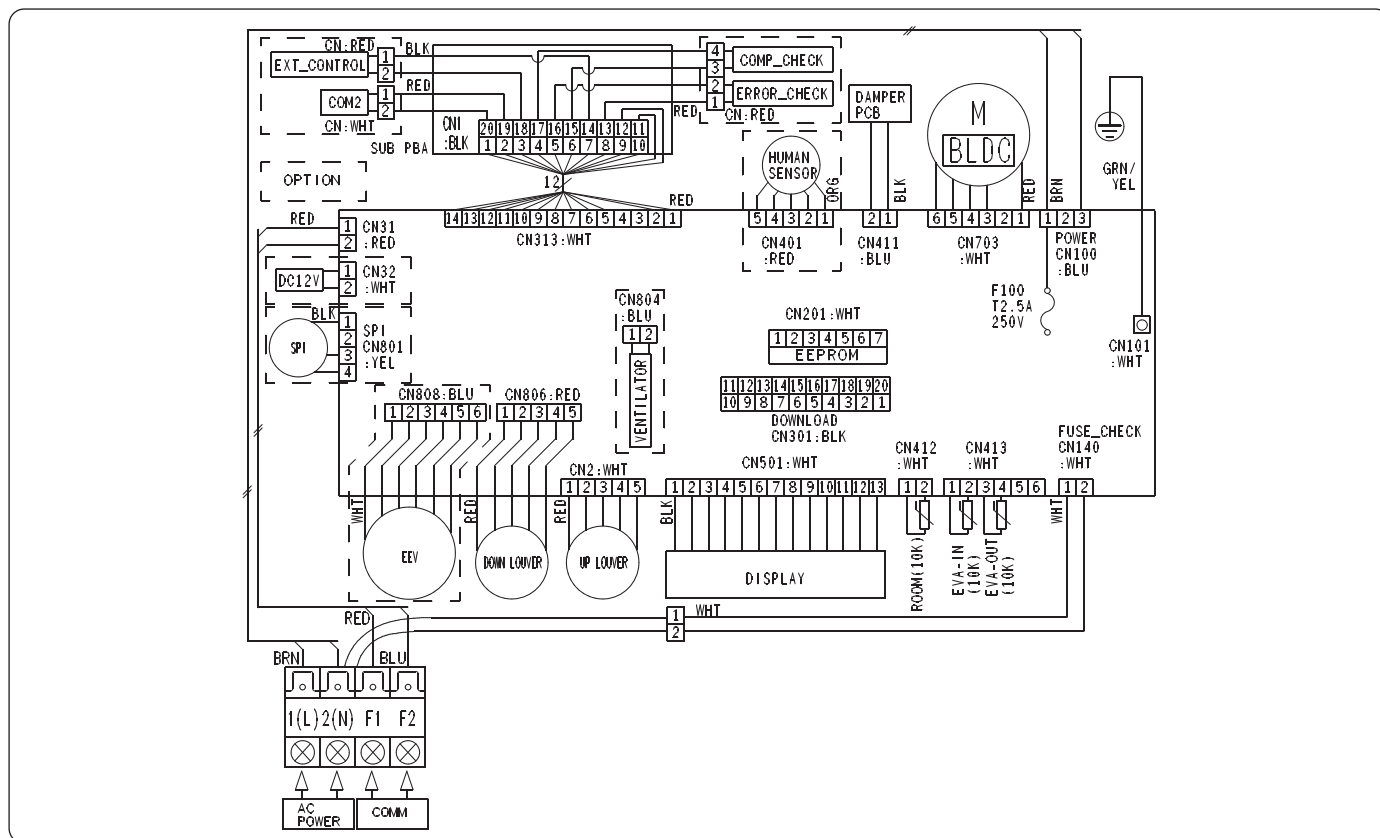
NOTE

- 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)

7. Electrical Wiring Diagram

7-2. Indoor units

6. Console : CHN09JDB(AC009BNJDCH/AA), CHN12JDB(AC012BNJDCH/AA)
CHN15JDB(AC015BNJDCH/AA), CHN18JDB(AC018BNJDCH/AA)



MAIN PCB	Printed circuit board(MAIN)	M-BLDC	BLDC Motor	ROOM-TH(10K)	Thermistor ROOM
DAMPER PCB	Printed circuit board(SUB)	EEV	Electronic Expansion Valve(Optional)	EVA IN-TH(10K)	Thermistor EVA IN
HUMIDITY SENSOR	Humidity Sensor(Optional)	SPI	S-Plasma ion(Optional)	EVA OUT-TH(10K)	Thermistor EVA OUT

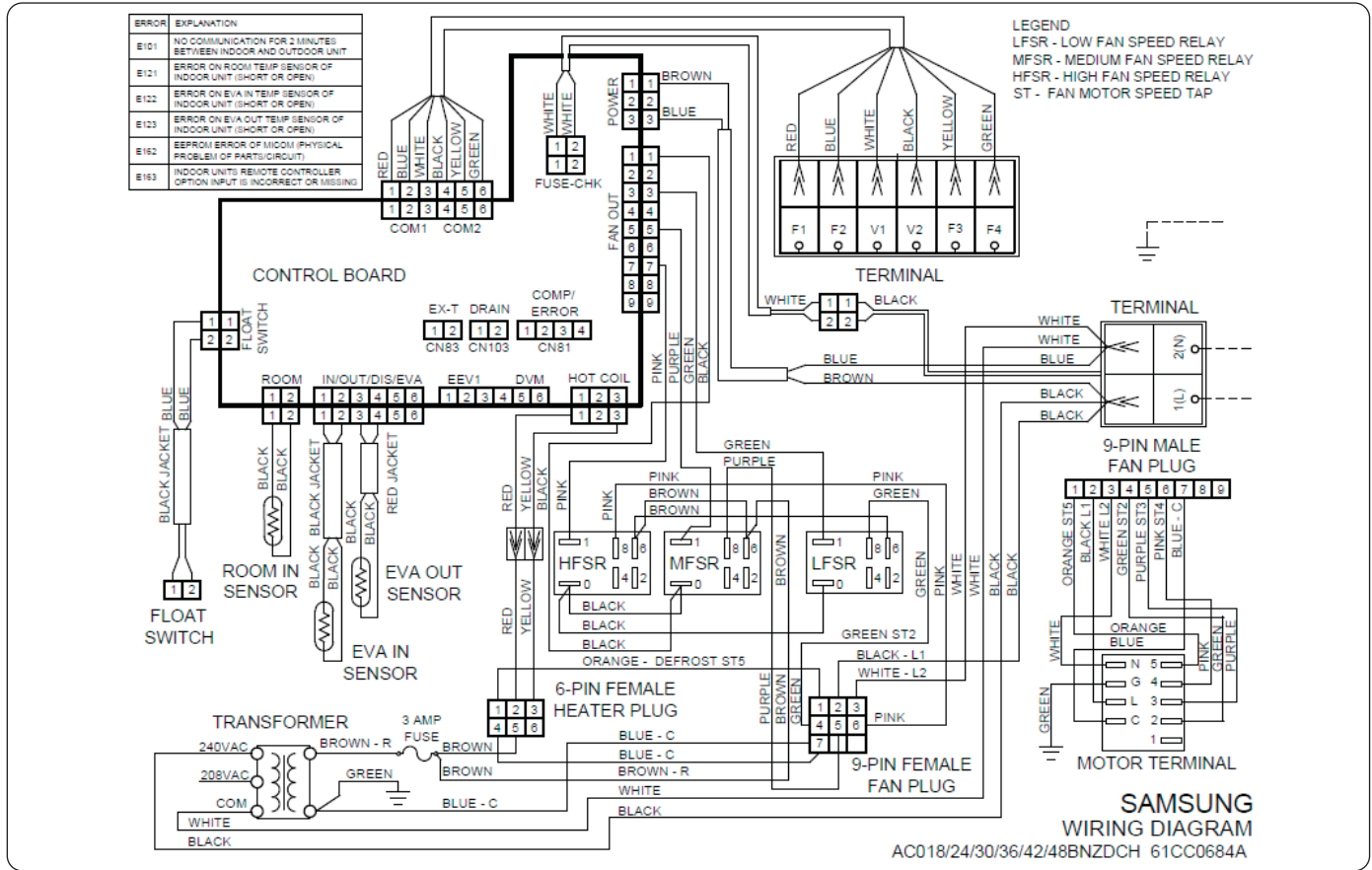
NOTE

- 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)

7. Electrical Wiring Diagram

7-2. Indoor units

7. Multi Position AHU : CNH12ZDB(AC012BNZDCH/AA), CNH18ZDB(AC018BNZDCH/AA)
CNH24ZDB(AC024BNZDCH/AA)



CONTROL BOARD	Printed circuit board(MAIN)	MFSR	MEDIUM FAN SPEED RELAY	EVA-IN(10K)	Thermistor EVA IN
EX-T	EXTERNAL CONTROL	HFSR	HIGH FAN SPEED RELAY	EVA-OUT(10K)	Thermistor EVA OUT
LFSR	LOW FAN SPEED RELAY	ROOM(10K)	Thermistor ROOM	DISCHARGE(10K)	Thermistor DISCHARGE

NOTE

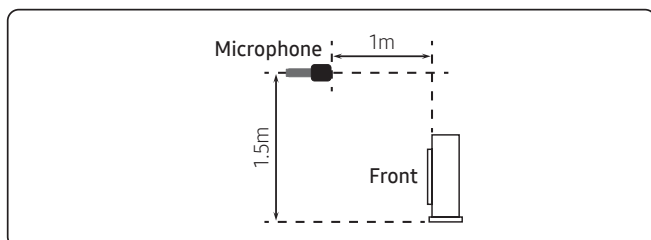
- This wiring diagram applies only to the indoor unit.
- Colors BLK : black, BRN : brown, SKY-BLU : sky-blue, GRN/YEL : green/yellow, RED : red, YEL : yellow, ORG : orange, BLU : blue, WHT:white
- Indoor to outdoor unit communication wire: F1/F2. Indoor unit to wired controller communication wire: F3/F4.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

8. Sound Data

8-1. Outdoor unit

Sound Pressure level

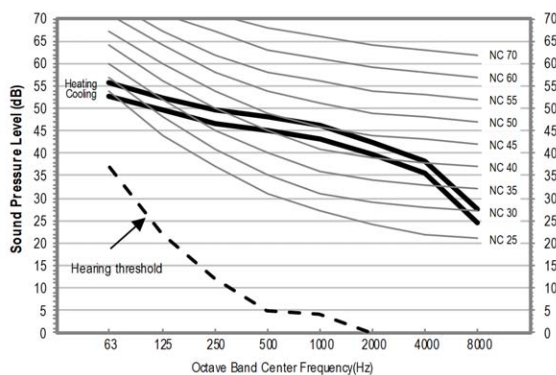
Unit : dB(A)



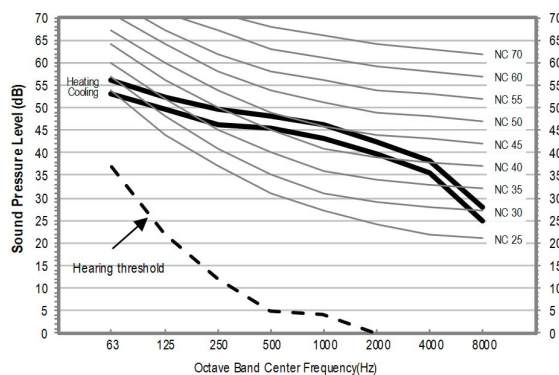
Model	Cooling	Heating
JXH20J2B (AJ020BXJ2CH/AA)	48	51
JXH24J3B (AJ024BXJ3CH/AA)	48	51
JXH36J4B (AJ036BXJ4CH/AA)	54	56
JXH48J5B (AJ048BXJ5CH/AA)	52	55

• NC Curve

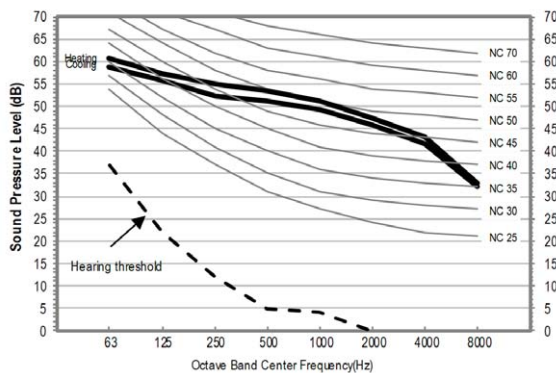
1) JXH20J2B (AJ020BXJ2CH/AA)



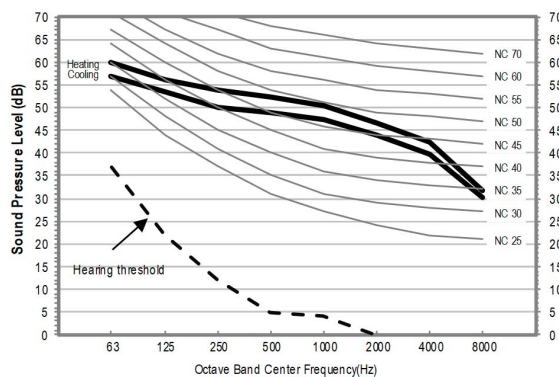
2) JXH24J3B (AJ024BXJ3CH/AA)



3) JXH36J4B (AJ036BXJ4CH/AA)



4) JXH48J5B (AJ048BXJ5CH/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.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa

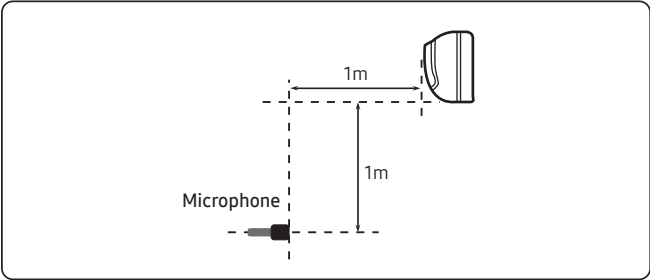
8. Sound Data

8-2. Indoor units

Sound Pressure level

1. WindFree™ 2.0

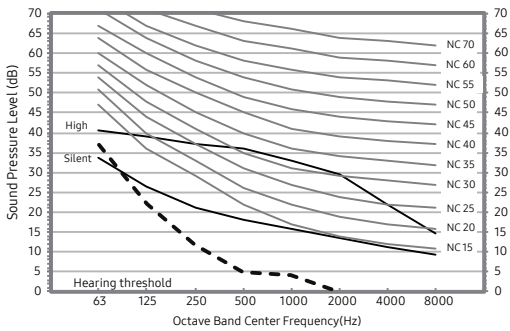
Unit : dB(A)



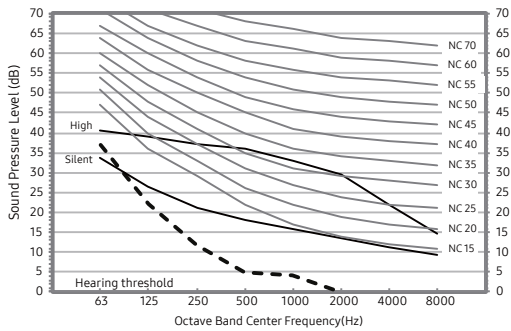
Model	High	Silent
RNS07ABT (AR07TSFABWKNCV)	38	23
RNS09ABT (AR09TSFABWKNCV)	38	23
RNS12ABT (AR12TSFABWKNCV)	39	23
RNS15ABT (AR15TSFABWKNCV)	40	23
RNS18ABT (AR18TSFABWKNCV)	42	25
RNS24ABT (AR24TSFABWKNCV)	47	28

- NC Curve

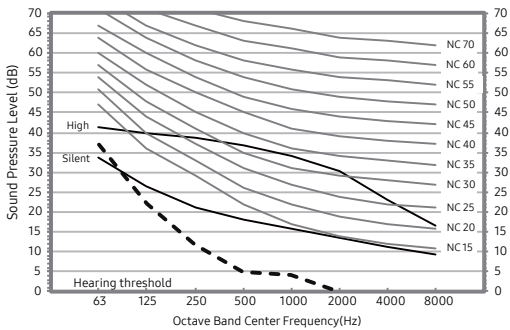
1) RNS07ABT (AR07TSFABWKNCV)



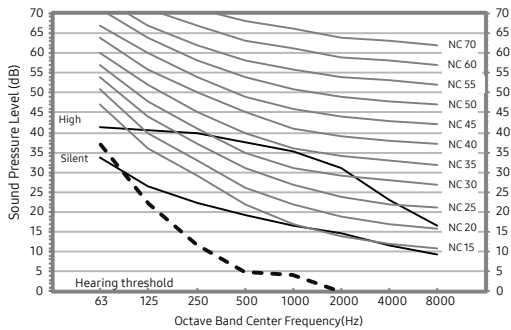
2) RNS09ABT (AR09TSFABWKNCV)



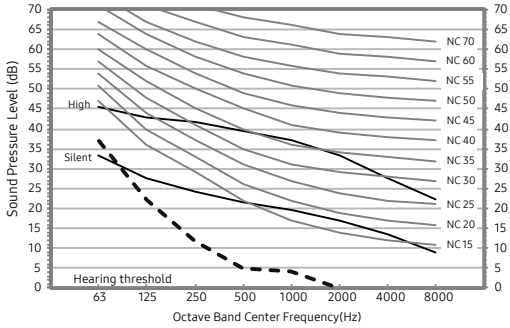
3) RNS12ABT (AR12TSFABWKNCV)



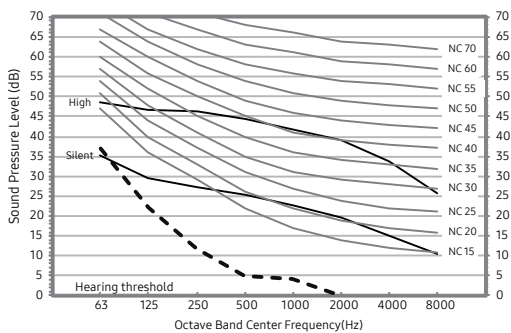
4) RNS15ABT (AR15TSFABWKNCV)



5) RNS18ABT (AR18TSFABWKNCV)



6) RNS24ABT (AR24TSFABWKNCV)



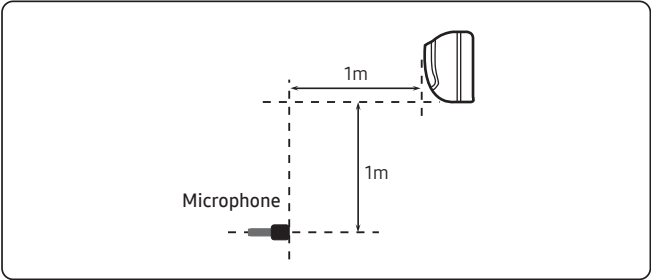
8. Sound Data

8-2. Indoor units

Sound Pressure level

2. WindFree 2.0e

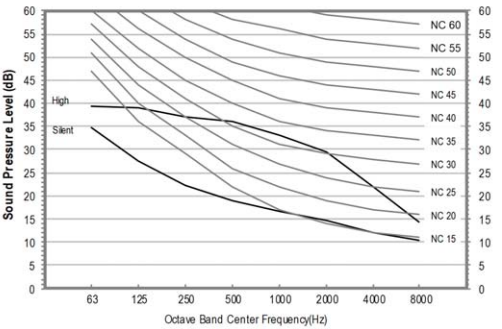
Unit : dB(A)



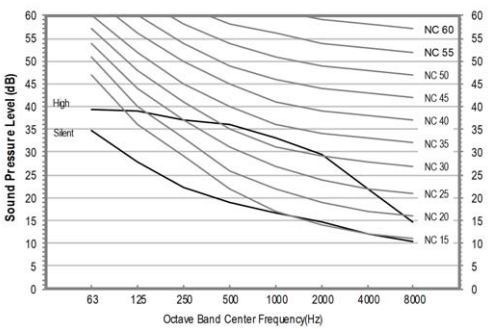
Model	High	Silent
RNS07CMB (AR07BSFCMWKNCV)	37	23
RNS09CMB (AR09BSFCMWKNCV)	37	23
RNS12CMB (AR12BSFCMWKNCV)	38	23
RNS15CMB (AR15BSFCMWKNCV)	41	25
RNS18CMB (AR18BSFCMWKNCV)	41	28
RNS24CMB (AR24BSFCMWKNCV)	45	30

- NC Curve

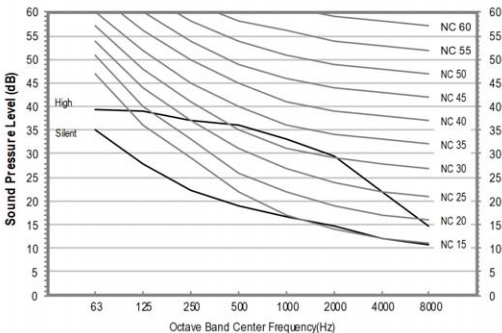
1) RNS07CMB (AR07BSFCMWKNCV)



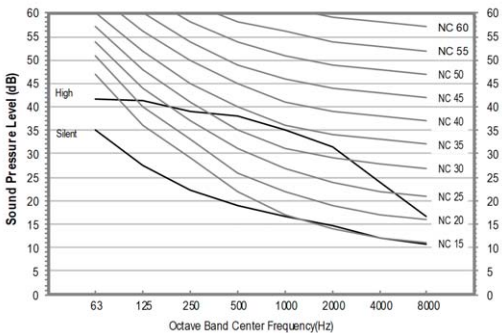
2) RNS09CMB (AR09BSFCMWKNCV)



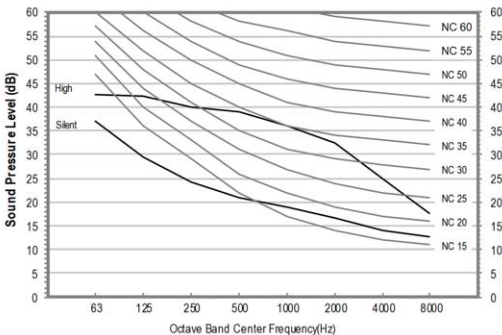
3) RNS12CMB (AR12BSFCMWKNCV)



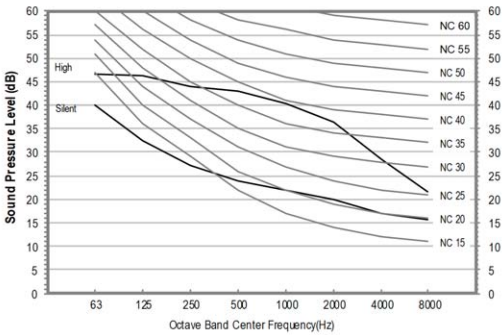
4) RNS15CMB (AR15BSFCMWKNCV)



5) RNS18YBT (AR18TSFYBWKNCV)



6) RNS24YBT (AR24TSFYBWKNCV)



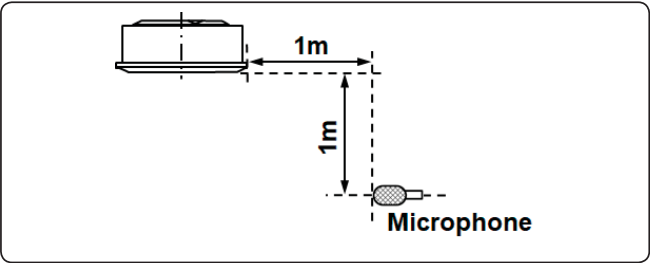
8. Sound Data

8-2. Indoor units

Sound Pressure level

3. (WindFree) 1Way Cassette

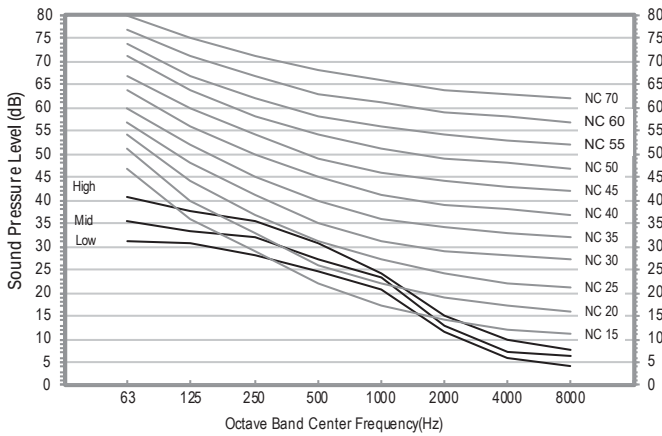
Unit: dB(A)



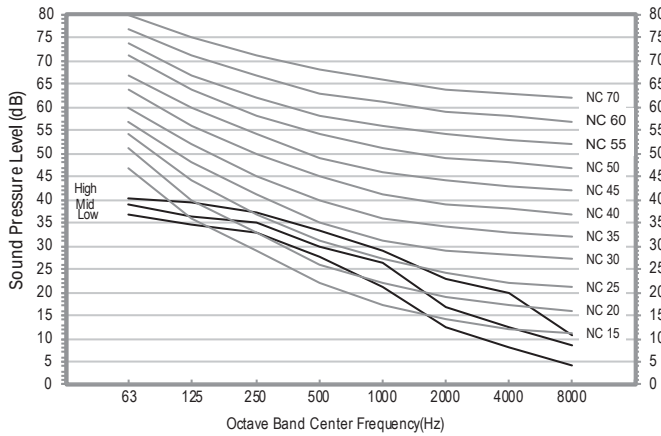
Model	High	Mid	Low
CNH091DB (AC009BN1DCH/AA)	32	29	26
CNH121DB (AC012BN1DCH/AA)	35	32	29

• NC Curve

1) CNH091DB (AC009BN1DCH/AA)



2) CNH121DB (AC012BN1DCH/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

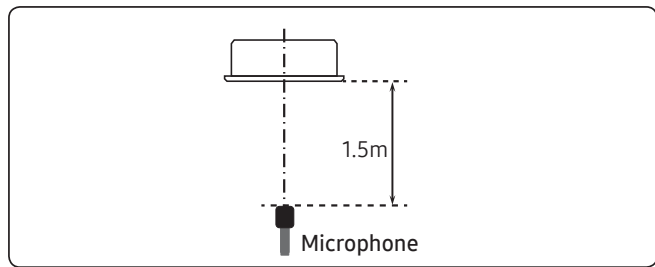
8. Sound Data

8-2. Indoor units

Sound Pressure level

4. (WindFree) 4Way Cassette (600x600)

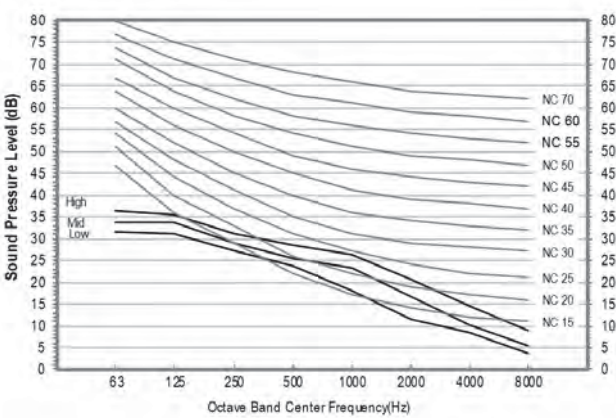
Unit: dB(A)



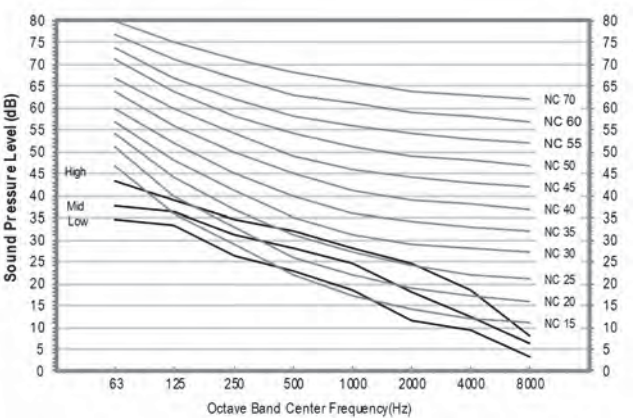
Model	High	Mid	Low
CNH09NDB (AC009BNNDCH/AA)	31	28	25
CNH12NDB (AC012BNNDCH/AA)	34	30	25
CNH18NDB (AC018BNNDCH/AA)	39	34	29

- NC Curve

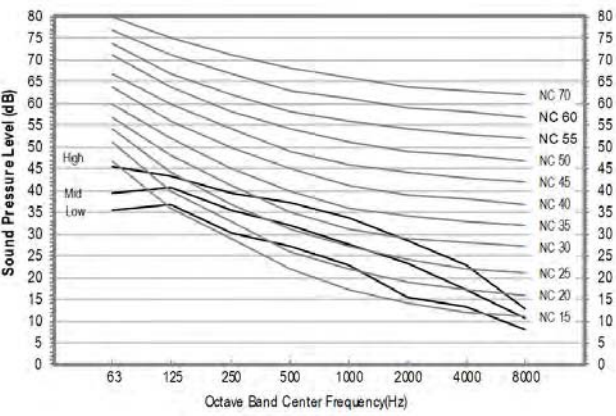
1) CNH09NDB (AC009BNNDCH/AA)



2) CNH12NDB (AC012BNNDCH/AA)



3) CNH18NDB (AC018BNNDCH/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

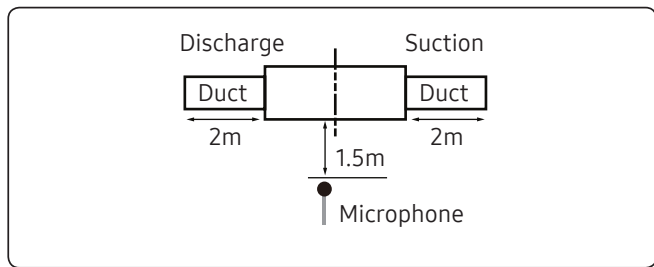
8. Sound Data

8-2. Indoor units

Sound Pressure level

5. Slim duct

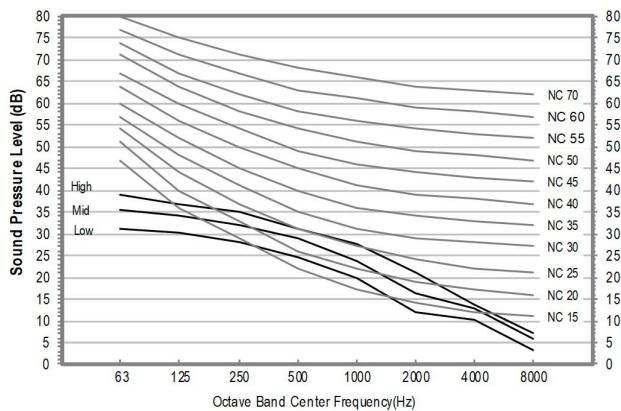
Unit: dB(A)



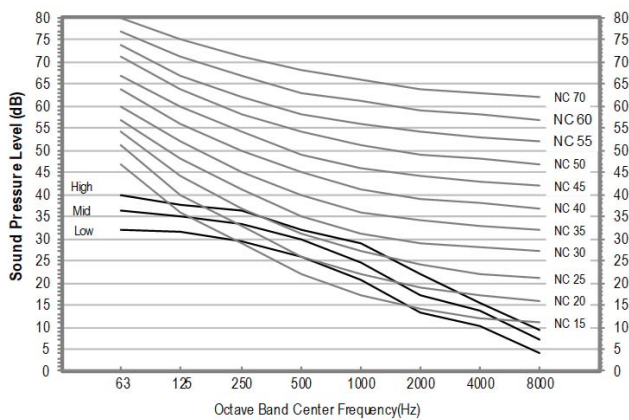
Model	High	Mid	Low
CNH09LDB (AC009BNLDCH/AA)	33	30	26
CNH12LDB (AC012BNLDCH/AA)	34	31	27
CNH18LDB (AC018BNLDCH/AA)	35	32	28

• NC Curve

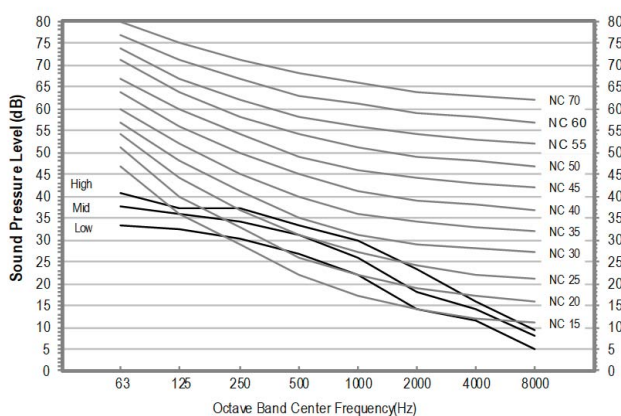
1) CNH09LDB (AC009BNLDCH/AA)



2) CNH12LDB (AC012BNLDCH/AA)



3) CNH18LDB (AC018BNLDCH/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

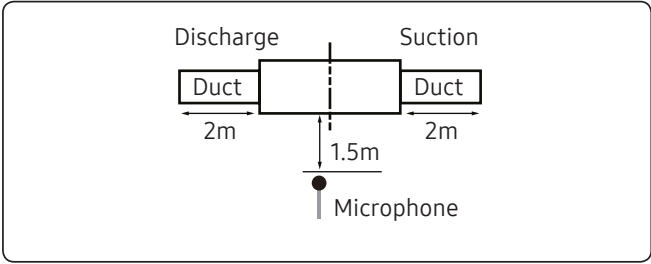
8. Sound Data

8-2. Indoor units

Sound Pressure level

6. Duct S

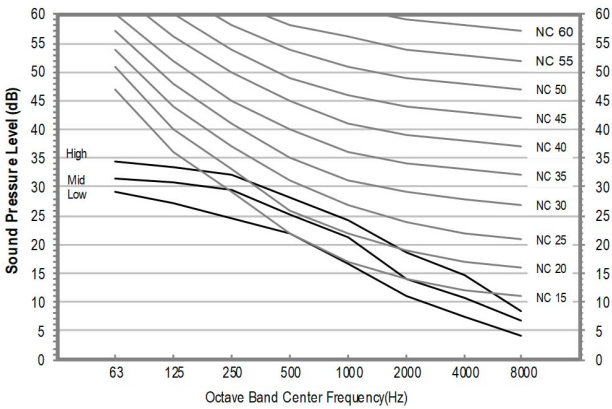
Unit: dB(A)



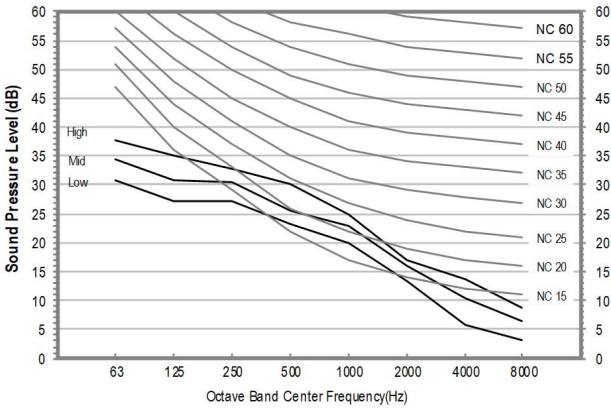
Model	High	Mid	Low
JNH09HDB (AJ009BNHDCH/AA)	30	27	23
JNH12HDB (AJ012BNHDCH/AA)	31	28	25
JNH15HDB (AJ015BNHDCH/AA)	33	29	25
JNH18HDB (AJ018BNHDCH/AA)	34	30	26

• NC Curve

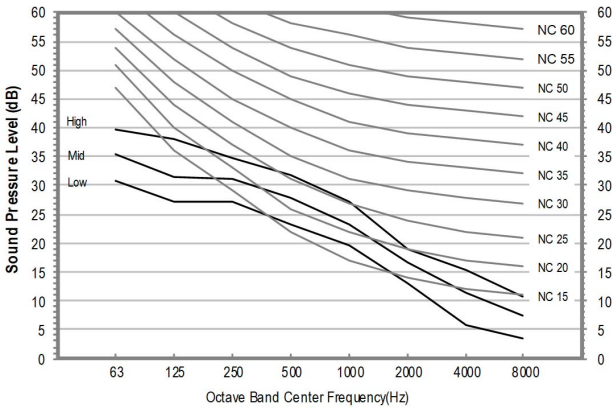
1) JNH09HDB (AJ009BNHDCH/AA)



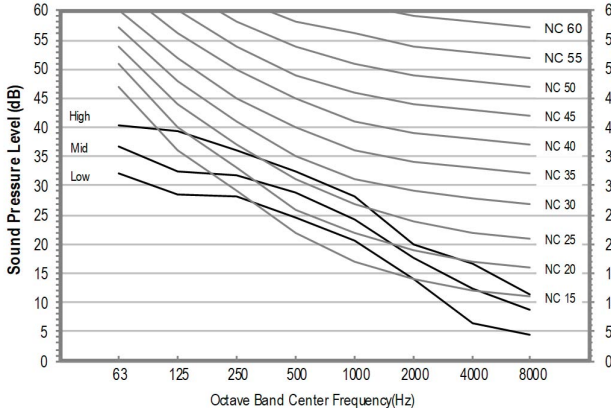
2) JNH12HDB (AJ012BNHDCH/AA)



3) JNH15HDB (AJ015BNHDCH/AA)



4) JNH18HDB (AJ018BNHDCH/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

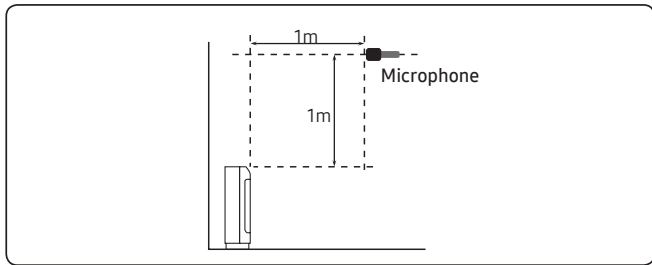
8. Sound Data

8-2. Indoor units

Sound Pressure level

7. Console

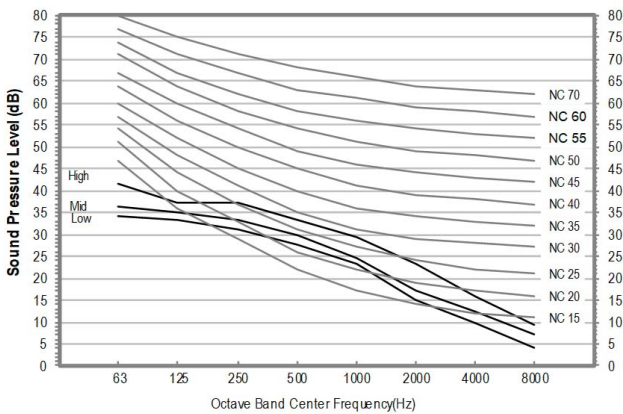
Unit: dB(A)



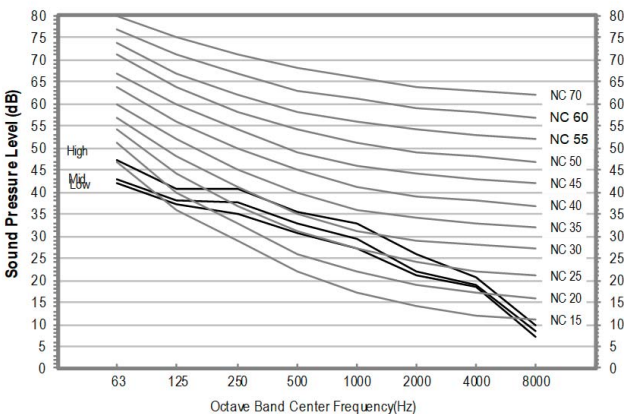
Model	High	Mid	Low
CNH09JDB (AC009BNJDCH/AA)	35	31	29
CNH12JDB (AC012BNJDCH/AA)	38	35	33
CNH15JDB (AC015BNJDCH/AA)	42	39	35
CNH18JDB (AC018BNJDCH/AA)	43	39	35

• NC Curve

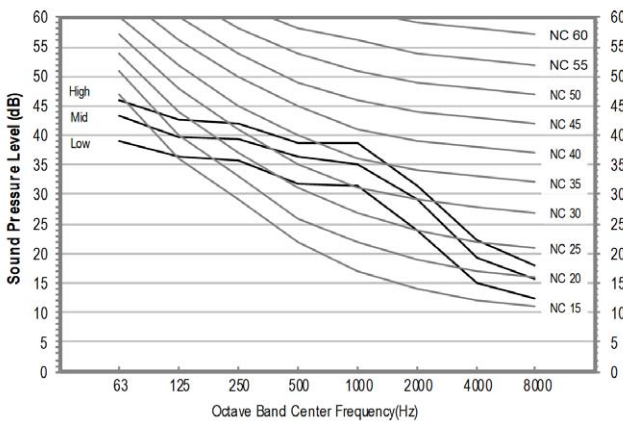
1) CNH09JDB (AC009BNJDCH/AA)



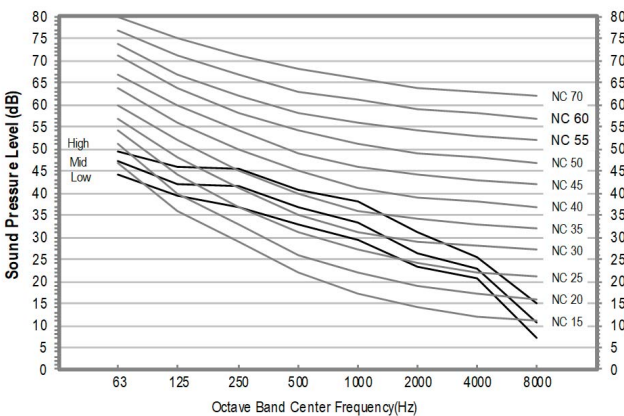
2) CNH12JDB (AC012BNJDCH/AA)



3) CNH15JDB (AC015BNJDCH/AA)



4) CNH18JDB (AC018BNJDCH/AA)



NOTE

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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

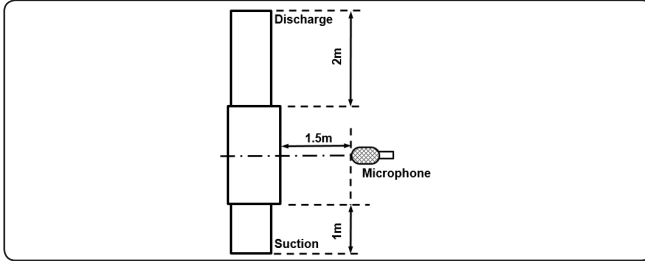
8. Sound Data

8-2. Indoor units

Sound Pressure level

8. Multi Position AHU

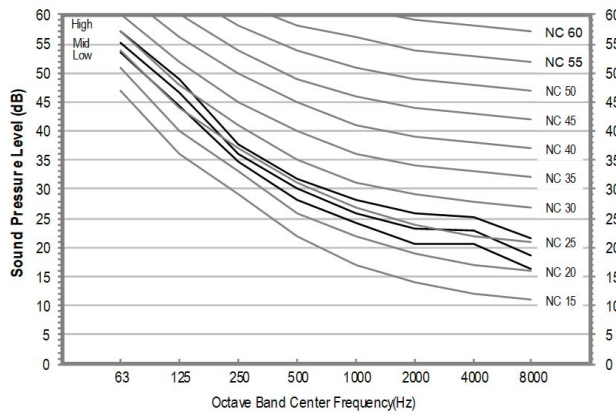
Unit: dB(A)



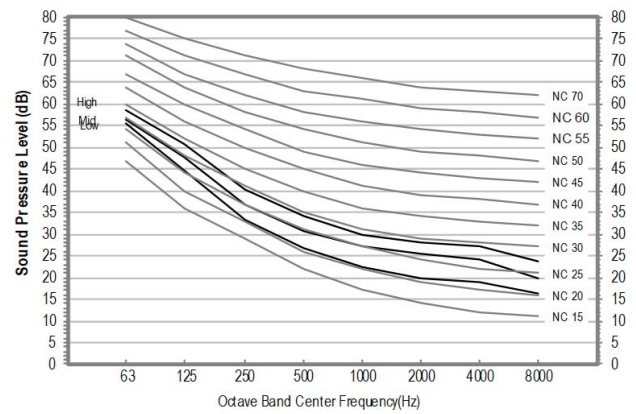
Model	High	Mid	Low
CNH12ZDB (AC012BNZDCH/AA)	38	36	34
CNH18ZDB (AC018BNZDCH/AA)	40	37	34
CNH24ZDB (AC024BNZDCH/AA)	41	38	35

• NC Curve

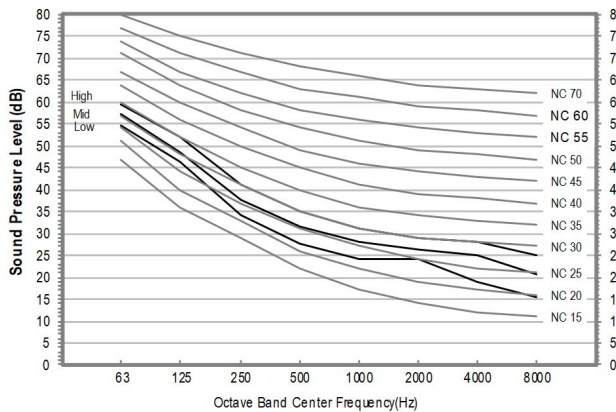
1) CNH12ZDB (AC012BNZDCH/AA)



2) CNH18ZDB (AC018BNZDCH/AA)



3) CNH24ZDB (AC024BNZDCH/AA)



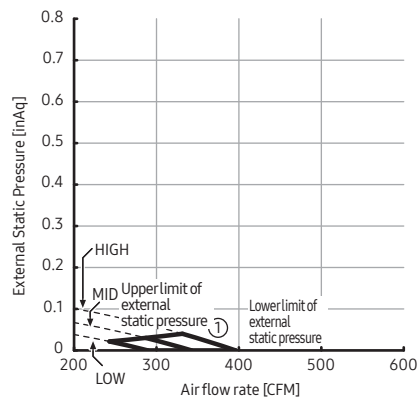
NOTE

- 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

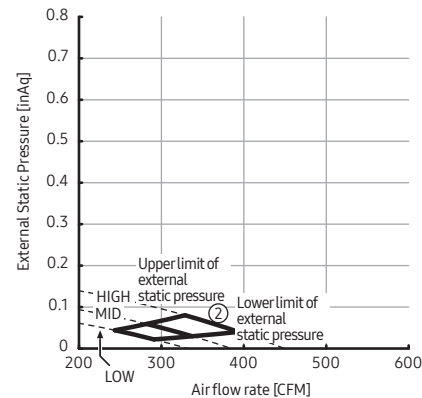
9. Fan Characteristics (PQ curve)

9-1. JNH09LDB(AJ009BNLDCH/AA)

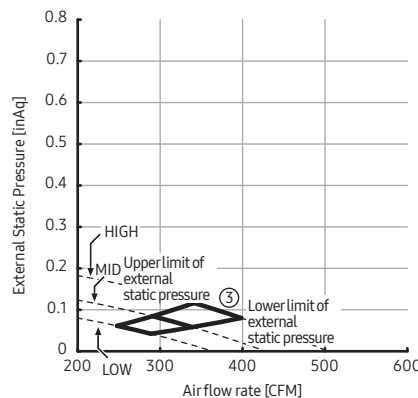
①	External Static Pressure(inAq)	Option Code
	0≤SP≤0.04	0103FC-1C541B-271A1D-370000



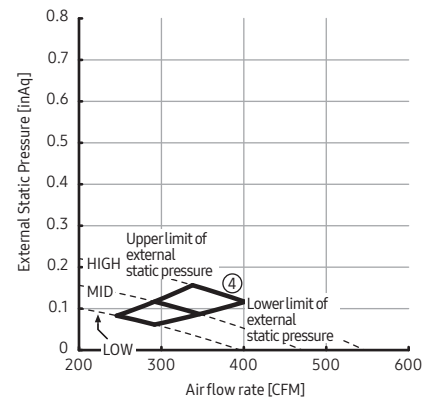
②	External Static Pressure(inAq)	Option Code
	0.04 < SP ≤ 0.08 (Default)	0103FC-1C546B-271A1D-370000



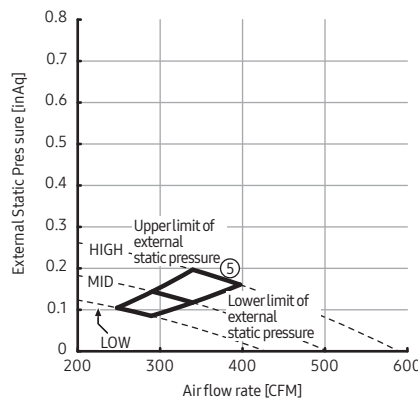
③	External Static Pressure(inAq)	Option Code
	0.08 < SP ≤ 0.12	0103FC-1C54BE-271A1D-370000



④	External Static Pressure(inAq)	Option Code
	0.12 < SP ≤ 0.16	0103FC-1C55F2-271A1D-370000



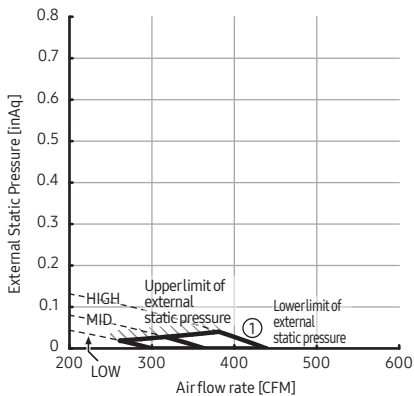
⑤	External Static Pressure(inAq)	Option Code
	0.16 < SP ≤ 0.2	0103FC-1C5935-271A1D-370000



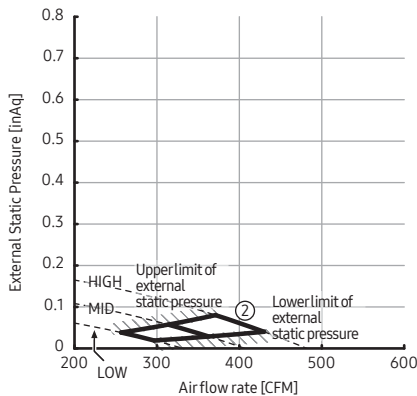
9. Fan Characteristics (PQ curve)

9-2. JNH12LDB(AJ012BNLDCH/AA)

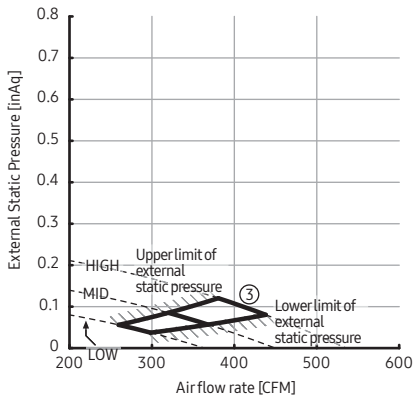
①	External Static Pressure(inAq)	Option Code
	0≤SP≤0.04	0103FC-1C5458-272326-370000



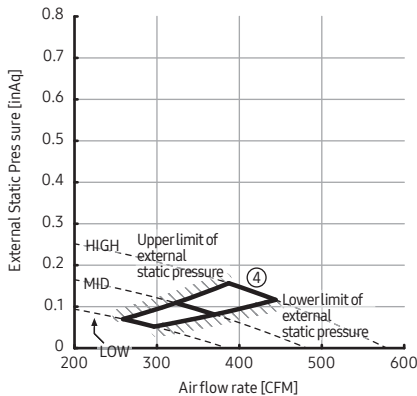
②	External Static Pressure(inAq)	Option Code
	0.04 < SP ≤ 0.08(Default)	0103FC-1C549B-272326-370000



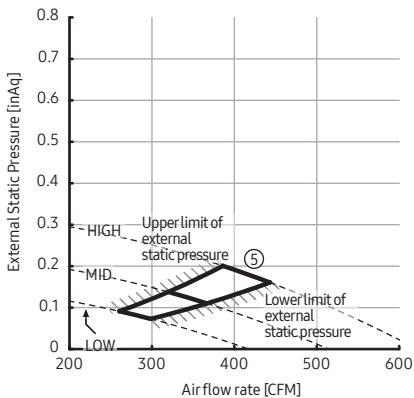
③	External Static Pressure(inAq)	Option Code
	0.08 < SP ≤ 0.12	0103FC-1C54EE-272326-370000



④	External Static Pressure(inAq)	Option Code
	0.12 < SP ≤ 0.16	0103FC-1C5920-272326-370000



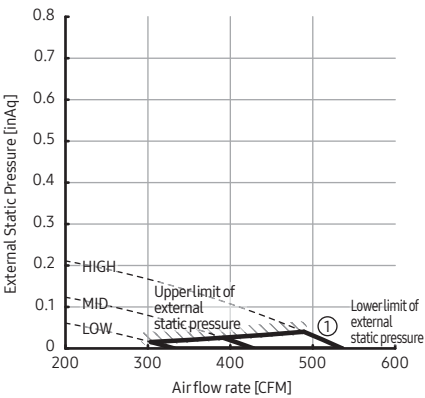
⑤	External Static Pressure(inAq)	Option Code
	0.16 < SP ≤ 0.2	0103FC-1C5964-272326-370000



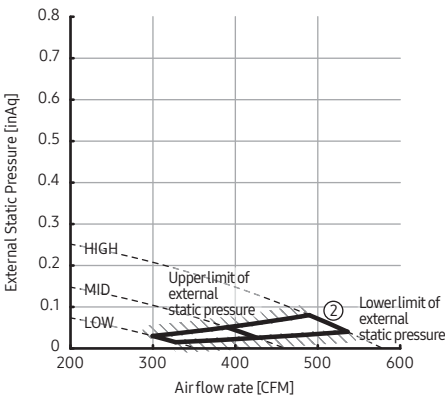
9. Fan Characteristics (PQ curve)

9-3. JNH18LDB(AJ018BNLDCH/AA)

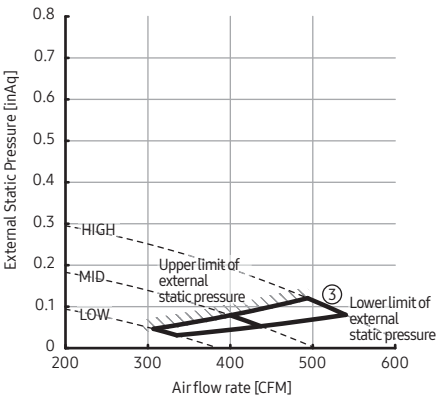
①	External Static Pressure(inAq)	Option Code
	0≤SP≤0.04	0103FC-1C54EB-273538-370000



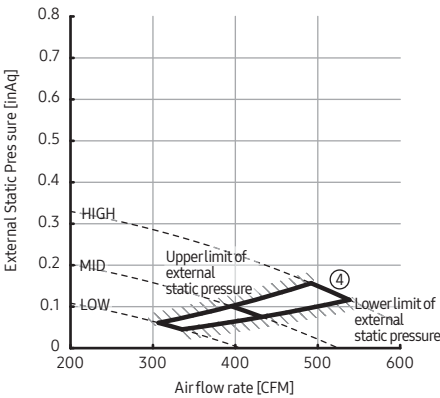
②	External Static Pressure(inAq)	Option Code
	0.04 < SP ≤ 0.08(Default)	0103FC-1C582D-273538-370000



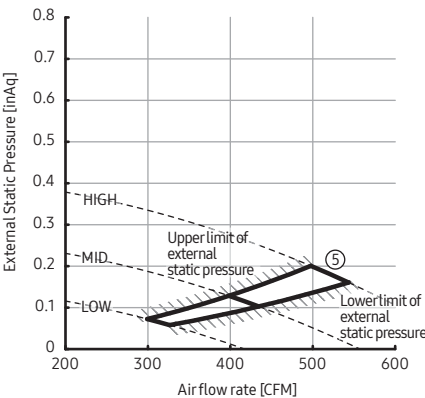
③	External Static Pressure(inAq)	Option Code
	0.08 < SP ≤ 0.12	0103FC-1C5960-273538-370000



④	External Static Pressure(inAq)	Option Code
	0.12 < SP ≤ 0.16	0103FC-1C5992-273538-370000



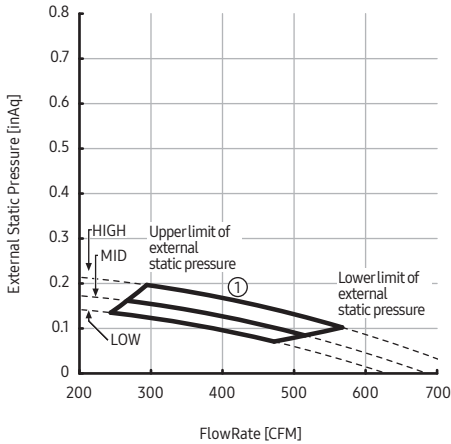
⑤	External Static Pressure(inAq)	Option Code
	0.16 < SP ≤ 0.2	0103FC-1C59D3-273538-370000



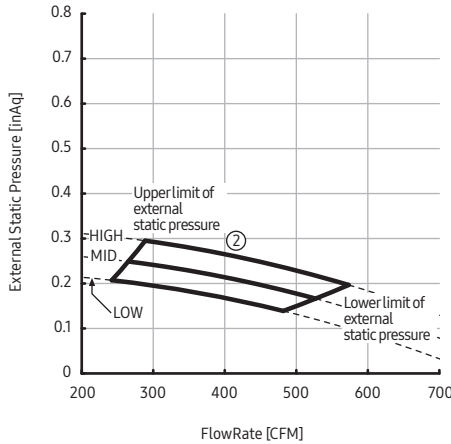
9. Fan Characteristics (PQ curve)

9-4. JNH09HDB(AJ009BNHDCH/AA)

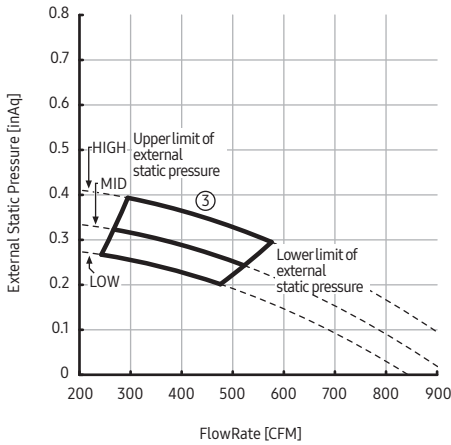
①	External Static Pressure(inAq)	Option Code
	$0.1 \leq P \leq 0.2$	01B3FC-1C50D3-271A23-370000



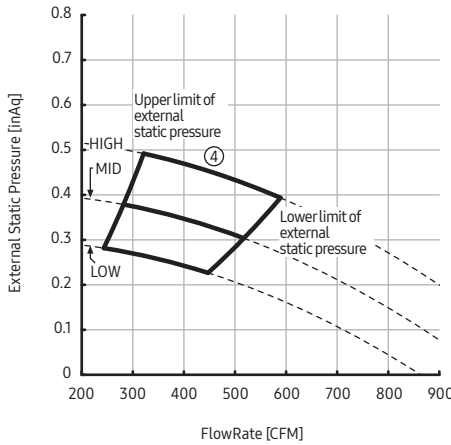
②	External Static Pressure(inAq)	Option Code
	$0.2 \leq P \leq 0.3$	01B3FC-1C5466-271A23-370000



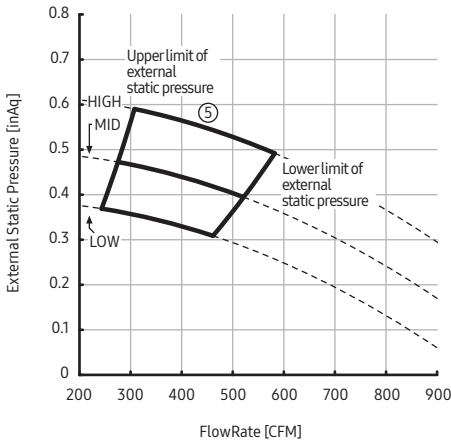
③	External Static Pressure(inAq)	Option Code
	$0.3 < P \leq 0.4$	01B3FC-1C54D9-271A23-370000



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



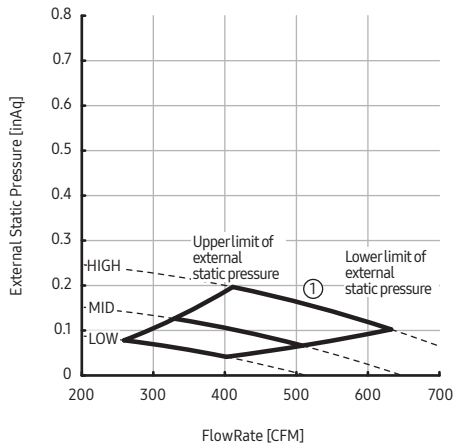
⑤	External Static Pressure(inAq)	Option Code
	$0.5 < P \leq 0.6$	001B3FC-1C5970-271A23-370000



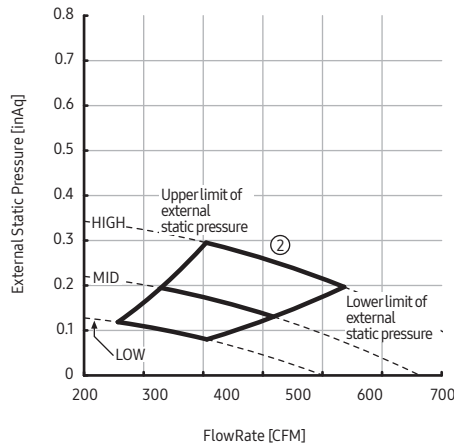
9. Fan Characteristics (PQ curve)

9-5. JNH12HDB(AJ012BNHDCH/AA)

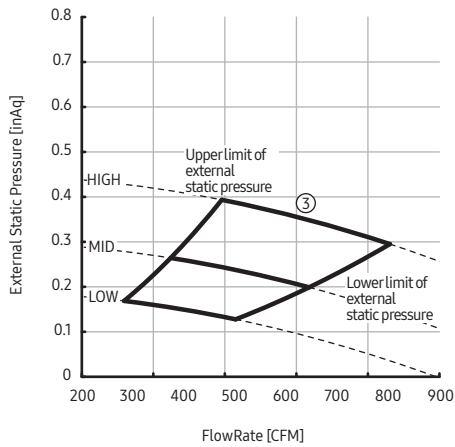
①	External Static Pressure(inAq)	Option Code
	$0.1 \leq P \leq 0.2$	01B3FC-1C5404-272328-370000



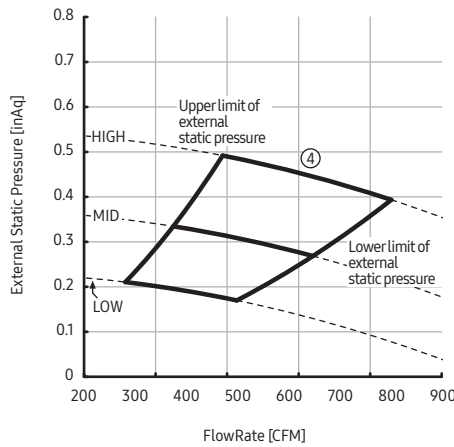
②	External Static Pressure(inAq)	Option Code
	$0.2 \leq P \leq 0.3$	01B3FC-1C5477-272328-370000



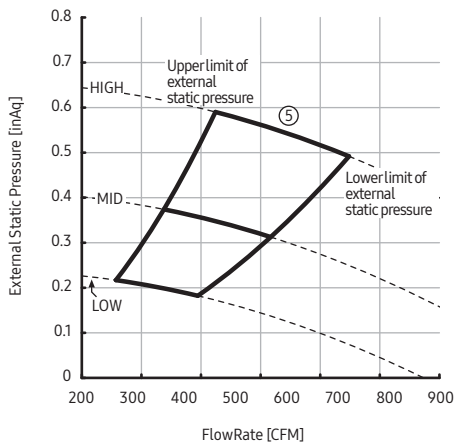
③	External Static Pressure(inAq)	Option Code
	$0.3 < P \leq 0.4$	01B3FC-1C54EA-272328-370000



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



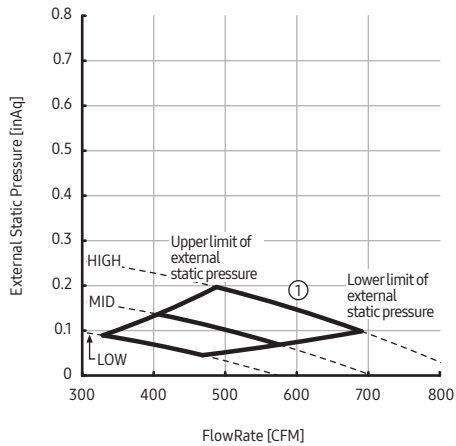
⑤	External Static Pressure(inAq)	Option Code
	$0.5 < P \leq 0.6$	01B3FC-1C5981-272328-370000



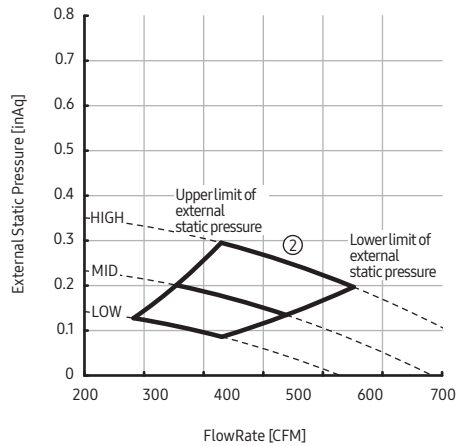
9. Fan Characteristics (PQ curve)

9-6. JNH15HDB(AJ015BNHDCH/AA)

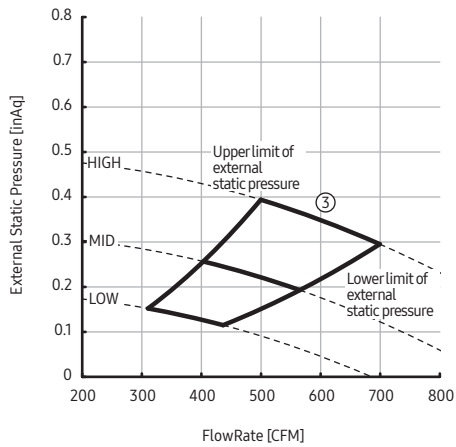
①	External Static Pressure(inAq)	Option Code
	$0.1 \leq P \leq 0.2$	01B3FC-1C5435-272C34-370000



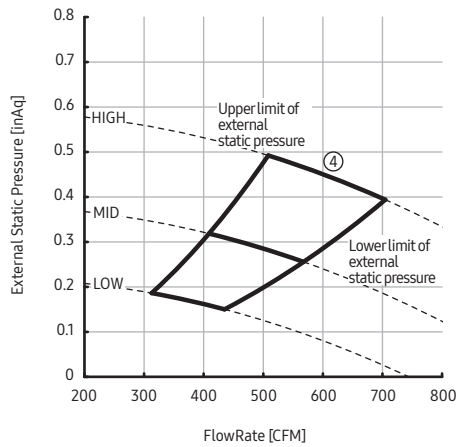
②	External Static Pressure(inAq)	Option Code
	$0.2 \leq P \leq 0.3$	01B3FC-1C5488-272C34-370000



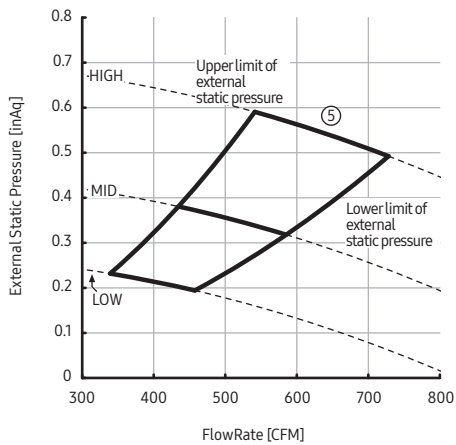
③	External Static Pressure(inAq)	Option Code
	$0.3 < P \leq 0.4$	01B3FC-1C54FB-272C34-370000



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



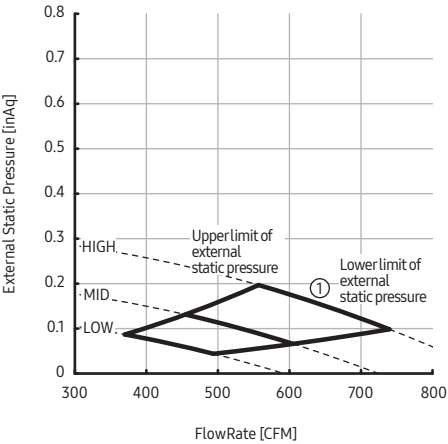
⑤	External Static Pressure(inAq)	Option Code
	$0.5 < SP \leq 0.6$	01B3FC-1C5992-272C34-370000



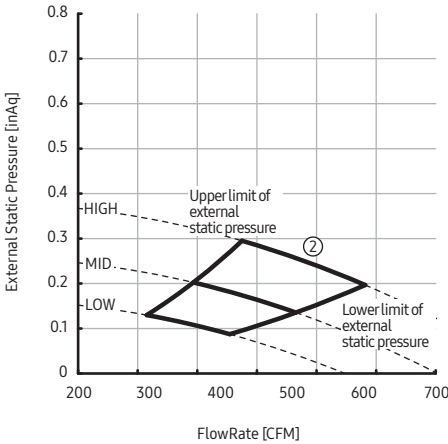
9. Fan Characteristics (PQ curve)

9-7. JNH18HDB(AJ018BNHDCH/AA)

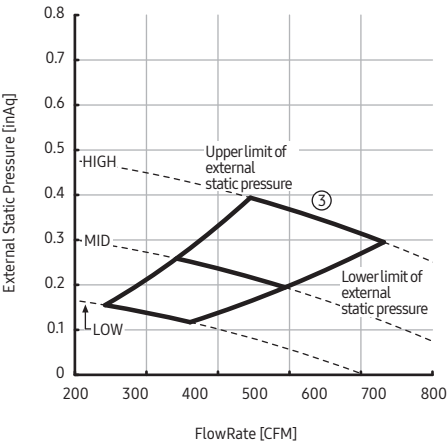
①	External Static Pressure(inAq)	Option Code
	$0.1 \leq P \leq 0.2$	01B3FC-1C5456-27343C-370000



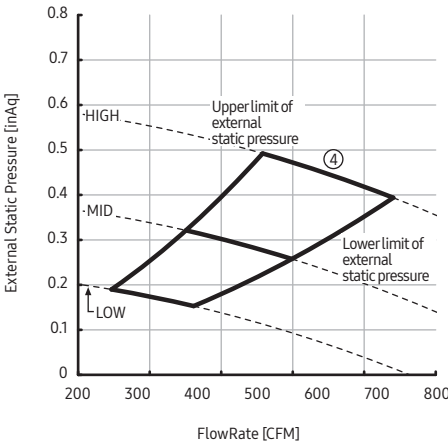
②	External Static Pressure(inAq)	Option Code
	$0.2 \leq P \leq 0.3$	01B3FC-1C5499-27343C-370000



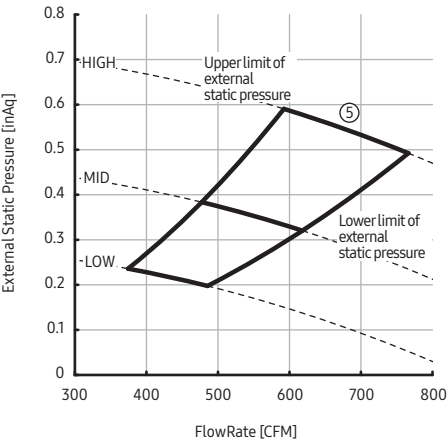
③	External Static Pressure(inAq)	Option Code
	$0.3 < P \leq 0.4$	01B3FC-1C580C-27343C-370000



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



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

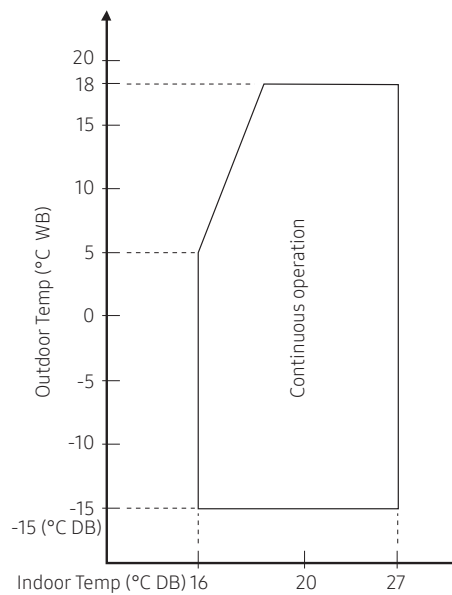
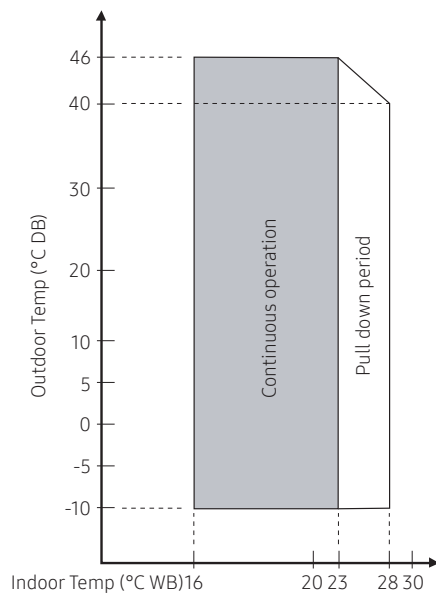


9. Fan Characteristics (PQ curve)

NOTE

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

10. Operation Range

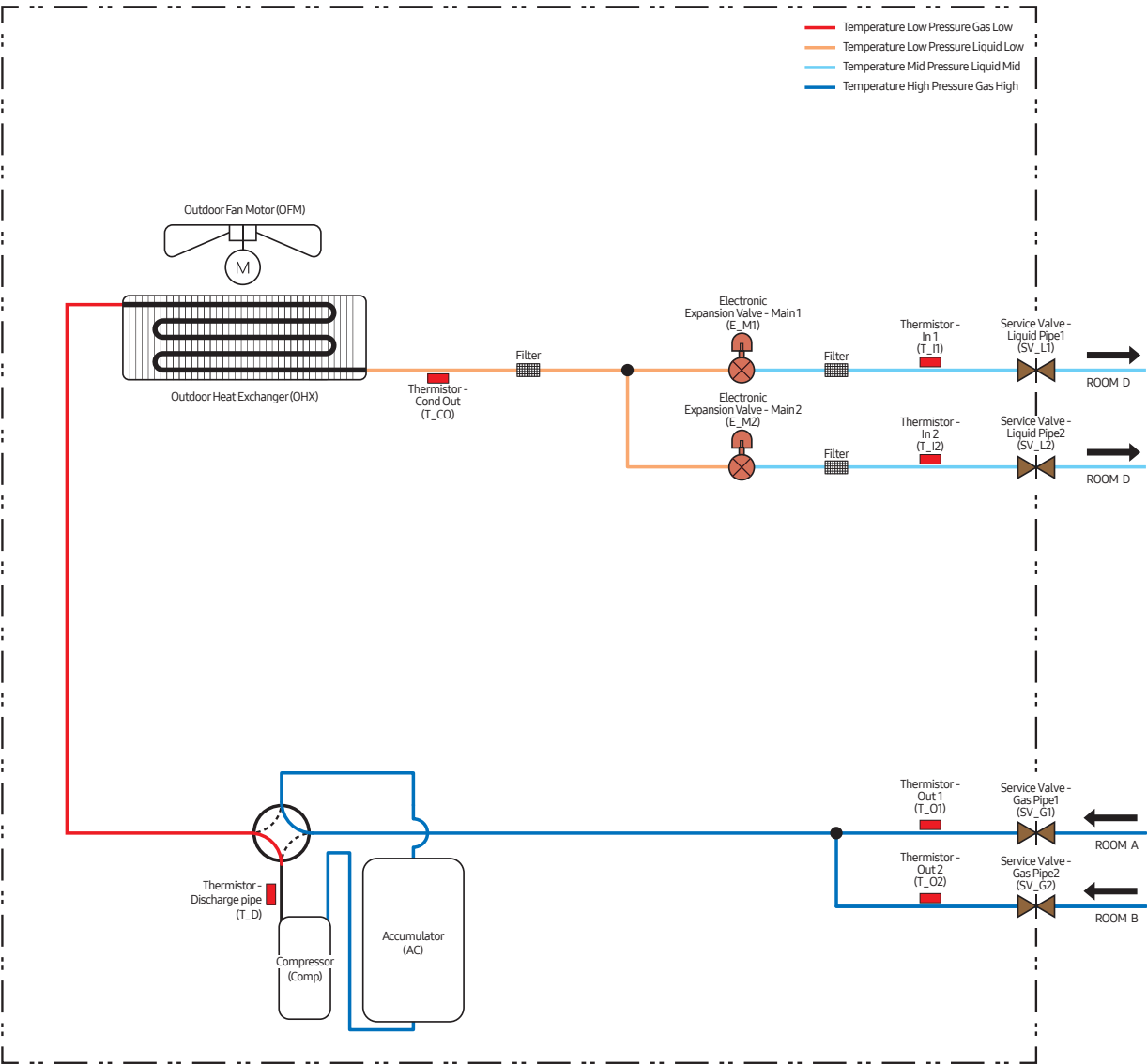


NOTE

- 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

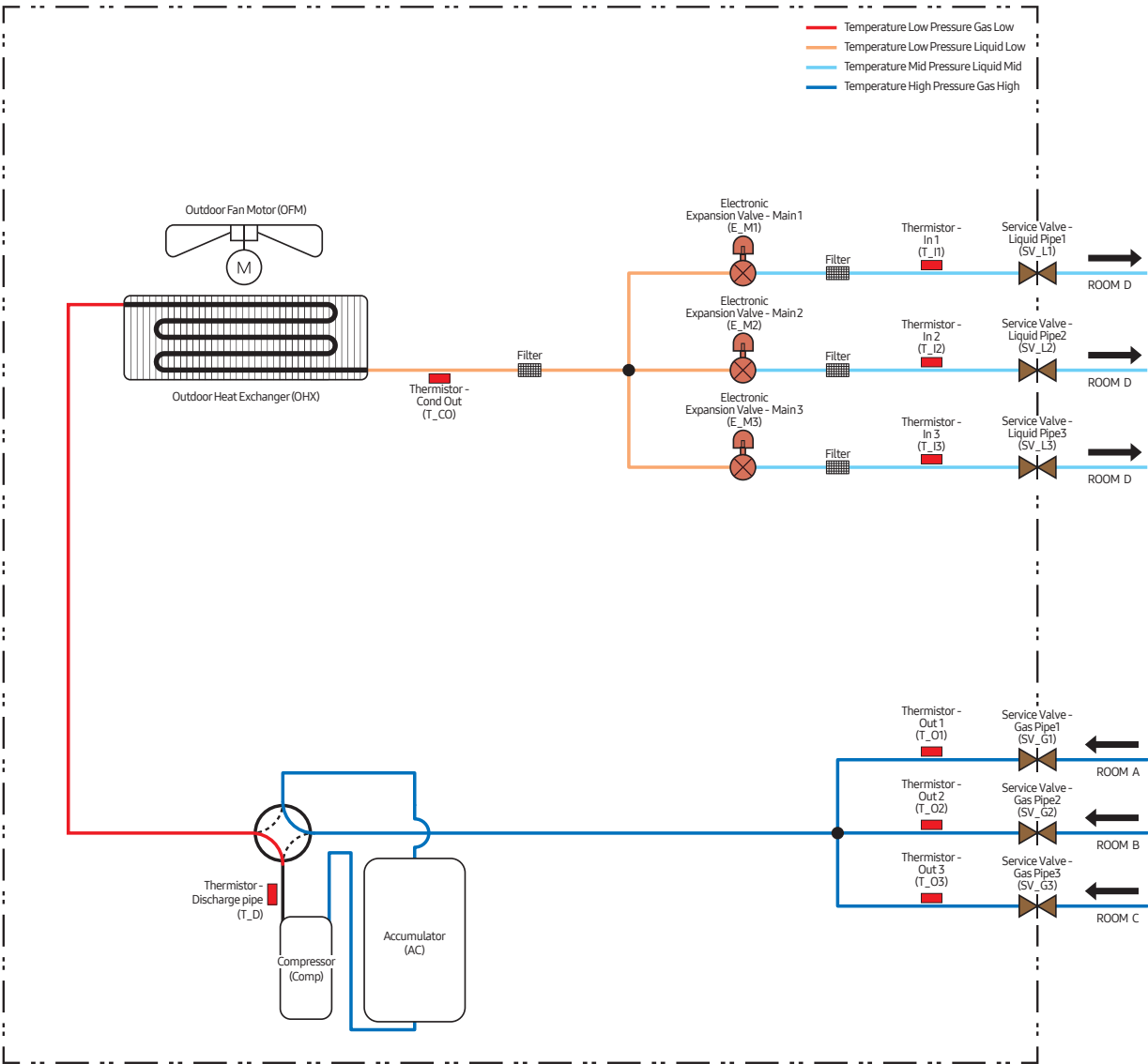
11. Piping Diagram

11-1. JXH20J2B (AJ020BXJ2CH/AA)



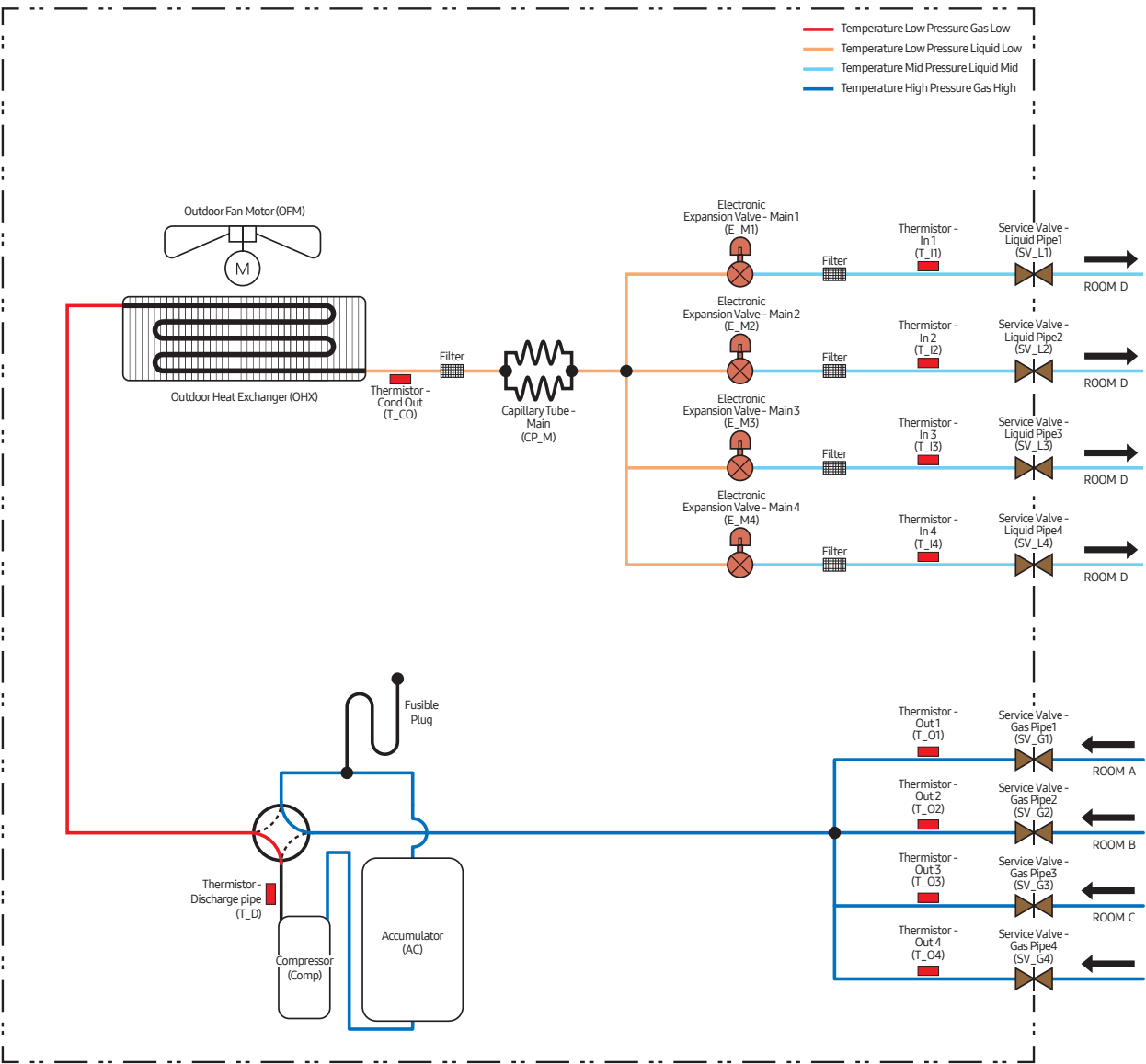
11. Piping Diagram

11-2. JXH24J3B (AJ024BXJ3CH/AA)



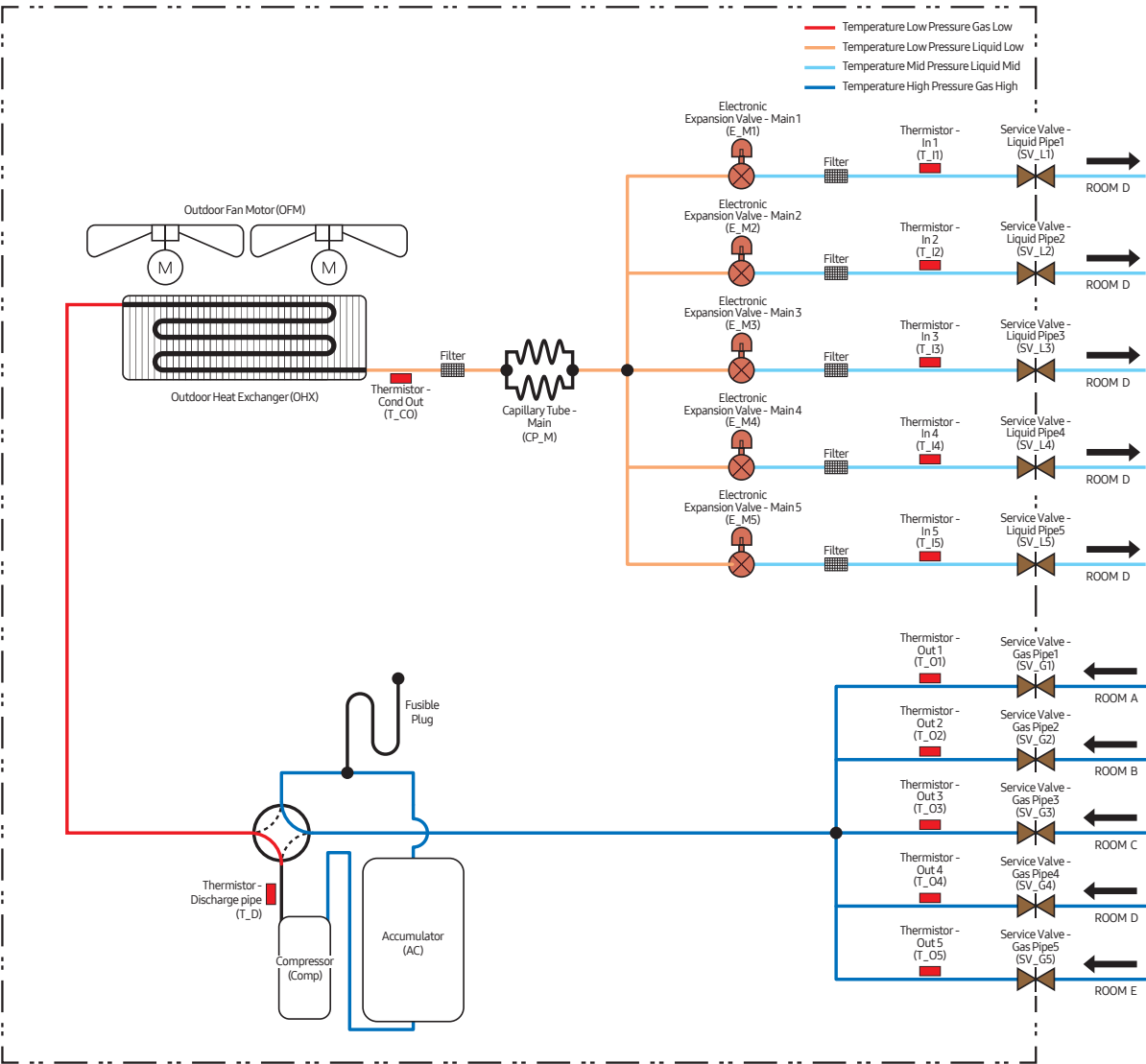
11. Piping Diagram

11-3. JXH36J4B (AJ036BXJ4CH/AA)



11. Piping Diagram

11-4. JXH48J5B (AJ048BXJ5CH/AA)

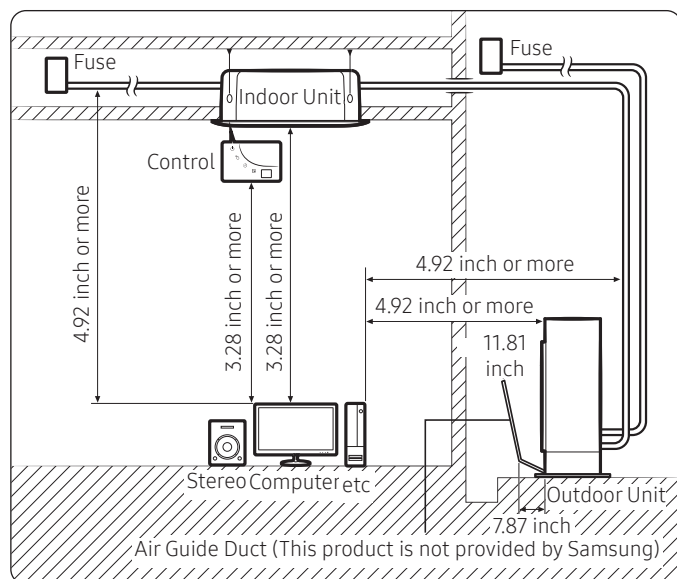


12. Installation

Choosing the installation location

Installation location requirements

- Do not place the outdoor unit on its side or upside down. Failing to do so may cause the compressor lubrication oil to run into the cooling circuit and lead to serious damage to the unit.
- Install the unit in a well-ventilated location away from direct sunlight or strong winds.
- Install the unit in a location that would not obstruct any passageways or thoroughfares.
- Install the unit in a location that would not inconvenience or disturb your neighbors, as they could be affected by the noise or the airflow coming from the unit.
- Install the unit in a location where the pipes and the cables can be easily connected to the indoor unit.
- Install the unit on a flat, stable surface that can withstand the weight of the unit. Otherwise, the unit can generate noise and vibration during operation.
- Install the unit so that the air flow is directed towards the open area.
- Maintain sufficient clearance around the outdoor unit, especially from a radio, computer, stereo system, etc.

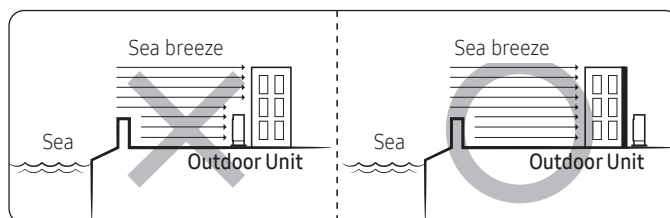


- Install the unit at a height where its base can be firmly fixed in place.
- Make sure that the water dripping from the drain hose runs away correctly and safely.

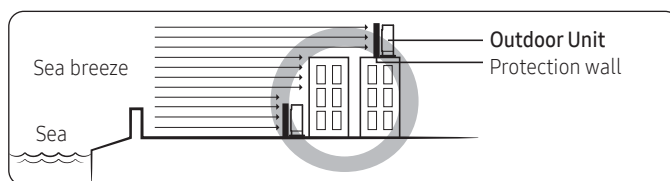
※ In case you want more information about the controllers and accessories, please refer to the Controller and Accessory TDB on pvi.Samsung.com site or Global Partner Portal site.

⚠ CAUTION

- You have just purchased a system air conditioner and it has been installed by your installation specialist.
- This device must be installed according to the national electrical rules.
- If your outdoor unit exceeds a net weight of 132.2 lb, do not install it on a suspended wall, but stand it on a floor.
- The reliability of our product cannot be guaranteed under conditions of -13°F or less.
- When installing the outdoor unit at the seaside, make sure that it is not directly exposed to sea breeze. If you cannot find an adequate place free from direct sea breeze, construct a protection wall or a protective fence.
 - Install the outdoor unit in a place (such as near buildings etc.) where it can be prevented from sea breeze. Failure to do so may cause a damage to the outdoor unit.



- If you cannot avoid installing the outdoor unit at the seaside, construct a protection wall around to block the sea breeze.
- Construct a protection wall with a solid material such as concrete to block the sea breeze. Make sure that the height and the width of the wall are 1.5 times larger than the size of the outdoor unit. Also, secure a space larger than 27.6 inch between the protection wall and the outdoor unit for exhausted air to ventilate.



⚠ CAUTION

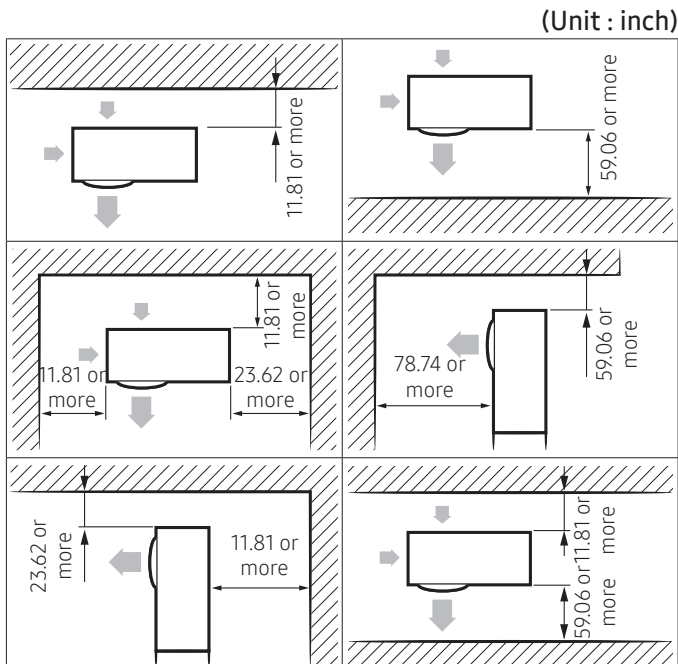
- Depending on the condition of the power supply, unstable power or voltage may cause malfunction of parts or control system (example: on a boat or places using power supplied from electric generator, etc.).

12. Installation

- Install the unit in a place where water can drain smoothly.
- If you have any difficulty finding installation location as prescribed above, contact your manufacturer for details.
- Consider that the salinity particles clinging to the external panels should be sufficiently washed out. Be sure to clean sea water and dust from the outdoor unit heat exchanger and apply a corrosion inhibitor on it at least once a year.
- Because the residual water at the bottom of the outdoor unit significantly promotes corrosion, make sure that the slope does not disturb drainage.
 - Keep the floor level so that rain does not accumulate.
 - Be careful not to block the drain hole due to foreign substance.
- Check the condition of the product periodically. When the product is to be shut down for a long period of time, such as off-peak hours, take appropriate measures like covering the product.
- If the product installed within 1640.4 ft of seashore, special anti-corrosion treatment is required.

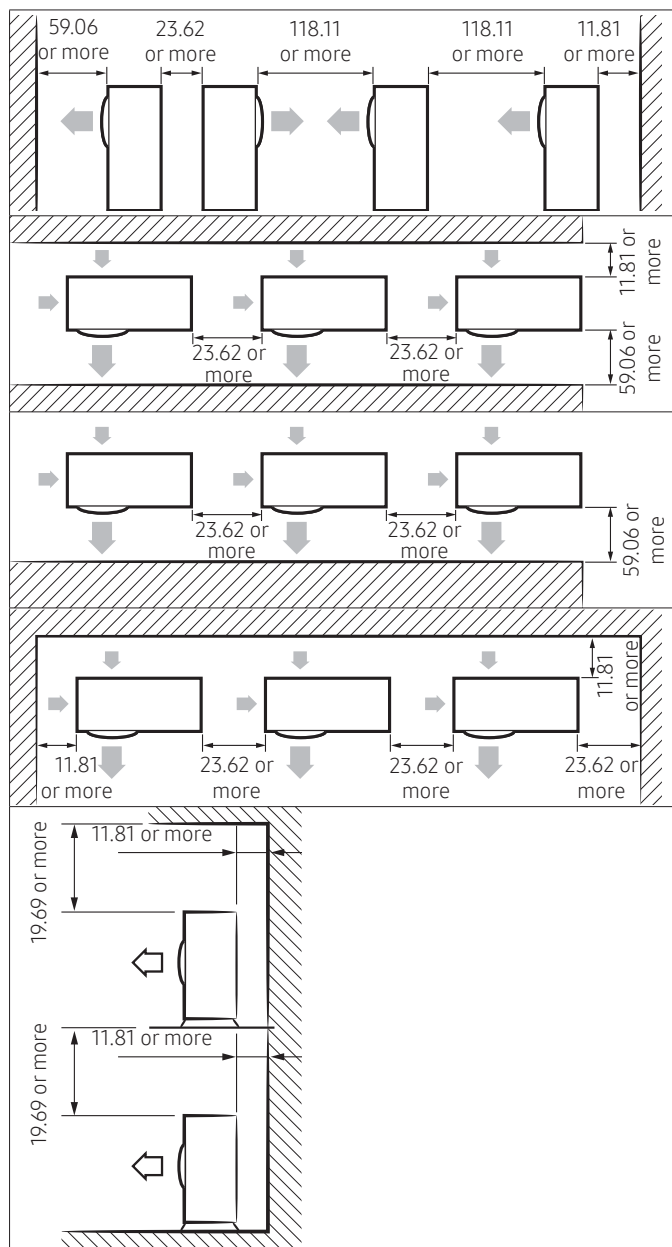
Minimum clearances for the outdoor unit

When installing 1 outdoor unit



When installing more than 1 outdoor unit

(Unit : inch)



⚠ CAUTION

- The outdoor unit must be installed according to the specified distances in order to permit accessibility from each side, to guarantee correct operation, maintenance, and repair of the unit. The components of the outdoor unit must be reachable and removable under safe conditions for people and the unit.

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12. Installation

Fixing the outdoor unit in place

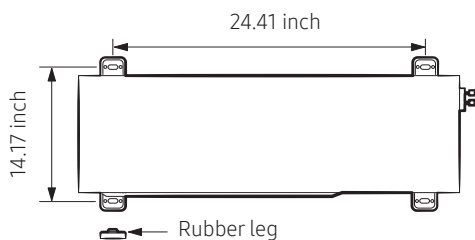
Install the outdoor unit on a rigid and stable base to prevent disturbance from any noise caused by vibration. When installing the unit on tall stands or in a location exposed to strong winds, fix the unit securely to the ground or structure.

- 1 Position the outdoor unit so that the air flow is directed towards the outside, as indicated by the arrows on the top of the unit.
- 2 Attach the outdoor unit to the appropriate support using anchor bolts.
 - The ground wire for the telephone line cannot be used to ground the air conditioner.
- 3 If the outdoor unit is exposed to strong winds, install shield plates around the outdoor unit, so that the fan can operate correctly.

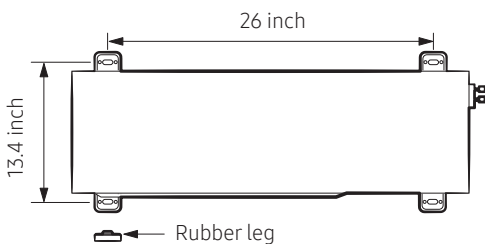
NOTE

- Install provided rubber legs to prevent vibration and noise.

JXH36J4B (AJ036BXJ4CH/AA), JXH48J5B (AJ048BXJ5CH/AA)



JXH20J2B (AJ020BXJ2CH/AA), JXH24J3B (AJ024BXJ3CH/AA)



CAUTION

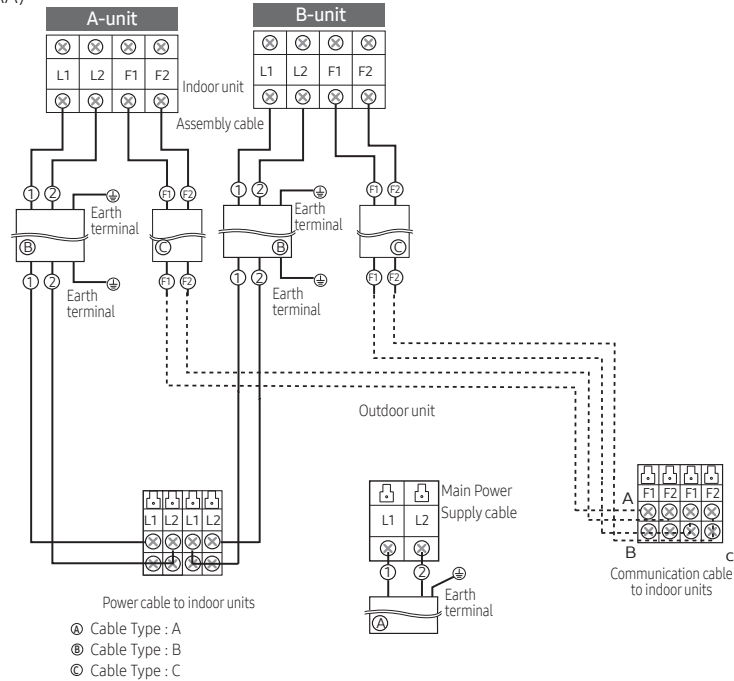
- Install a drain outlet at the lowest end around the base for outdoor unit drainage
- When installing the outdoor unit on the roof, waterproof the unit and check the ceiling strength.

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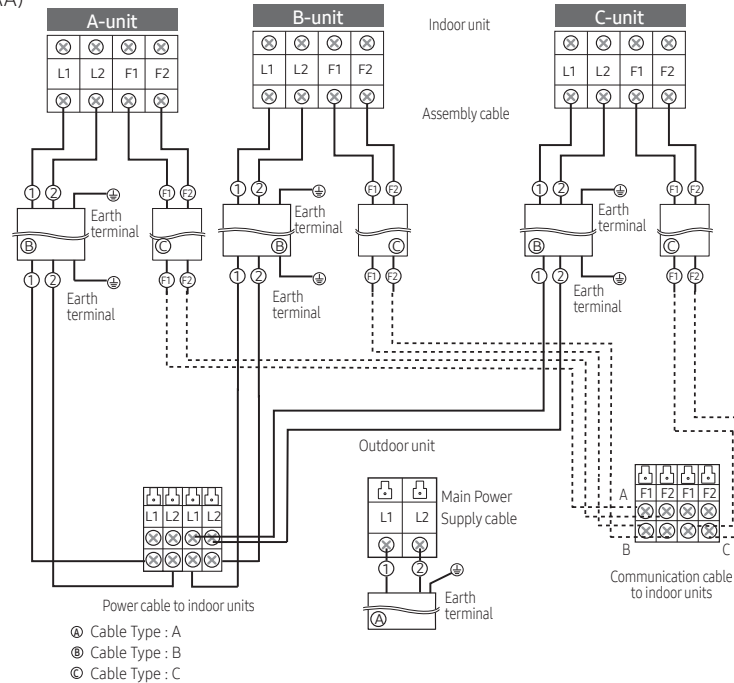
12. Installation

Connecting the cables to the outdoor unit

JXH20J2B (AJ020BXJ2CH/AA)



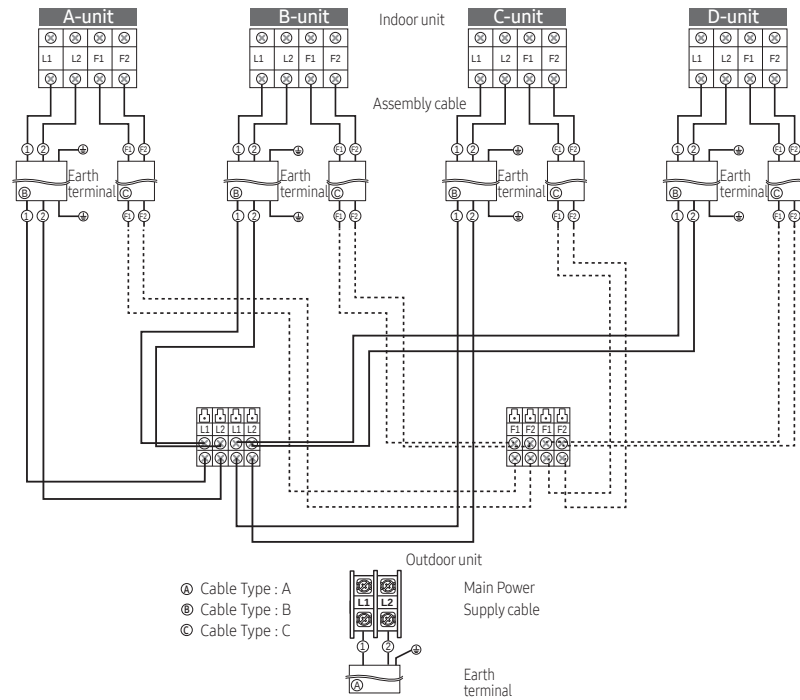
JXH24J3B (AJ024BXJ3CH/AA)



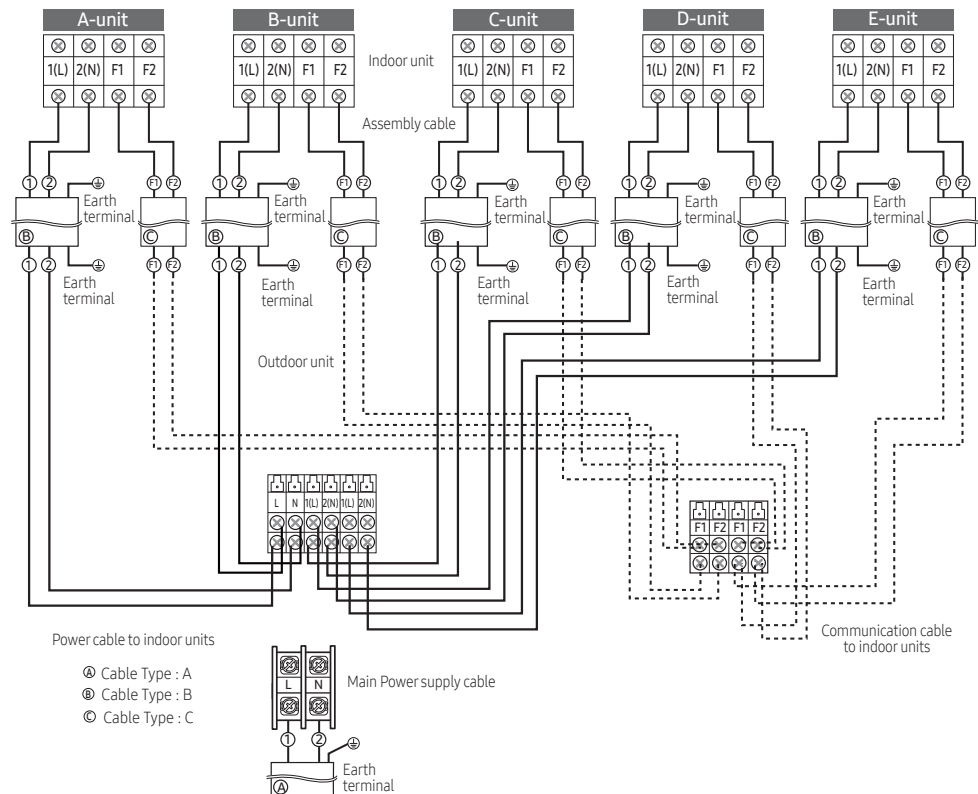
※ In case you want more information about the controllers and accessories, please refer to the Controller and Accessory TDB on pvi.Samsung.com site or Global Partner Portal site.

12. Installation

JXH36J4B (AJ036BXJ4CH/A)



JXH48J5B (AJ048BXJ5CH/AA)



※ In case you want more information about the controllers and accessories, please refer to the Controller and Accessory TDB on pvi.Samsung.com site or Global Partner Portal site.

12. Installation

Specification for circuit breaker and power supply cord

- Power supply cord is not supplied with air conditioner.
- Select the power supply cord in accordance with relevant local and national regulations.
- Wire size must comply with the applicable local and national code.
- Specifications for local wiring power supply cord and branch wiring are in compliance with local cord.

The specification for cables

Model	Main Power Supply Cable		Indoor Power Supply Cable		Communication Cable		FUSE	MCCB	Type GL
	Specification	Type	Specification	Type	Specification	Type			
JXH20J2B (AJ020BXJ2CH/AA) JXH24J3B (AJ024BXJ3CH/AA)	3G, 0.0039inch ² or more, H07RN-F	A	3G, 0.0023 to 0.0039 inch ² or more, H07RN-F	B	2G, 0.0012 to 0.0023 inch ² or more, H07RN-F	C	20A	Frame : 30A Trip : 20A	20A
							25A	Frame : 30A Trip : 25A	25A
JXH36J4B (AJ036BXJ4CH/AA) JXH48J5B (AJ048BXJ5CH/AA)	3G, 4.0 mm ² (8Kcmil or 0.0062 inch ² or 10AWG) or more, H07RN-F	A	3G, 1.5 mm ² (3Kcmil or 0.0023 inch ² or 14AWG) or more, H07RN-F	B	2G, 0.75 mm ² (1.5Kcmil or 0.0012 inch ² or 18AWG) or more, H07RN-F	C	30A	Frame : 35A Trip : 30A	30A
							40A	Frame : 50A Trip : 40A	40A

- Connect the power cable to the auxiliary circuit breaker.
An all-pole disconnection from the power supply must be incorporated in the fixed wiring with a contact opening of ≥ 0.12 inch (3 mm).

Tightening power terminal

- Connect the cables to the terminal board using the compressed ring terminal.
- Use rated cables only.
- Connect the cables with driver and wrench that can apply the rated torque to the screws.
- Make sure that appropriate tightening torque is applied for cable connection. If the terminal is loose, arc heat may occur and cause fire and if the terminal is connected too firmly, terminal may get damaged.

Screw	Tighten Torque (lbf·ft)
M4	0.87 ~1.30

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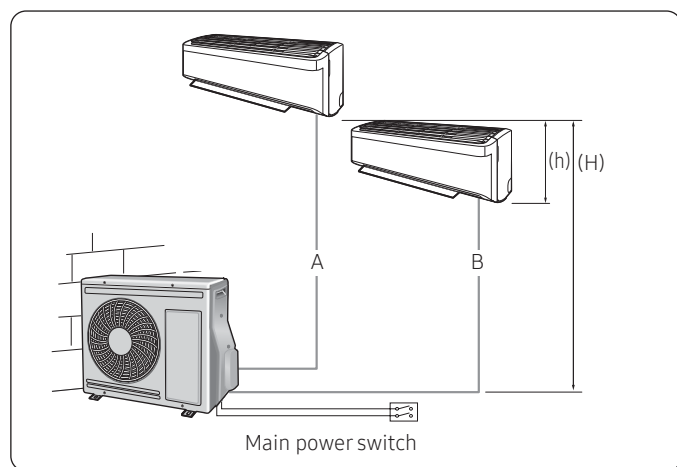
12. Installation

Connecting the refrigerant pipe

- JXH20J2B (AJ020BXJ2CH/AA)

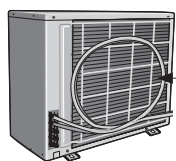
1 Piping outside diameter.

Indoor unit	Out unit	Power supply Ø, V, Hz	Outside diameter	
			Liquid	Gas
※※07/09/12/007/009/012※※ AR15※※	JXH20J2B (AJ020BXJ2CH/AA)	1,208-230,60	1/4"	3/8"
AJ015※※				1/2"



2 Piping length and the height.

	1 Room max length	3 Room total max length	Max height between indoor unit & outdoor unit	Max height between indoor units
Dimension	65.6 ft	98.4 ft	49.2 ft	24.6 ft
Composition	A,B	A+B	(H)	(h)



Make at least one round:
It will reduce noise and vibration

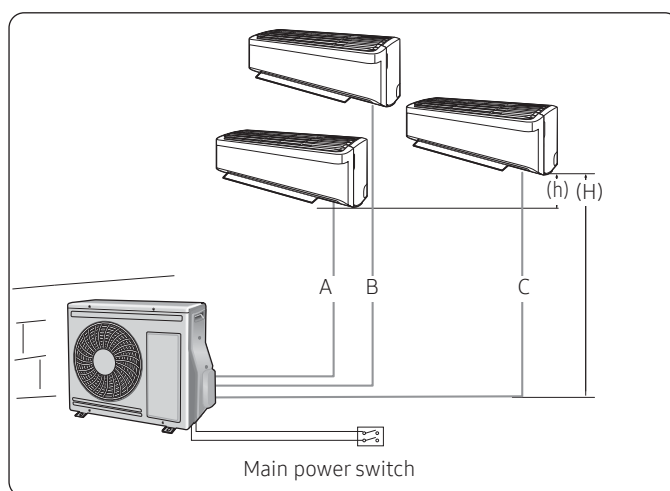
⚠ CAUTION

- 10 ft as minimum pipe length: It will reduce noise and vibration.
- The appearance of the unit may be different from the diagram depending on the model.

- JXH24J3B (AJ024BXJ3CH/AA)

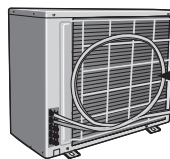
1 Piping outside diameter.

Indoor unit	Out unit	Power supply Ø, V, Hz	Outside diameter	
			Liquid	Gas
※※07/09/12/007/009/012※※ AR15※※	JXH24J3B (AJ024BXJ3CH/AA)	1,208-230,60	1/4"	3/8"
※※18/018※※ AJ015※※				1/2"



2 Piping length and the height.

	1 Room max length	3 Room total max length	Max height between indoor unit & outdoor unit	Max height between indoor units
Dimension	82.0 ft	229.7 ft	49.2 ft	24.6 ft
Composition	A,B,C	A+B+C	(H)	(h)



Make at least one round:
It will reduce noise and vibration

⚠ CAUTION

- 10 ft as minimum pipe length: It will reduce noise and vibration.
- The appearance of the unit may be different from the diagram depending on the model.

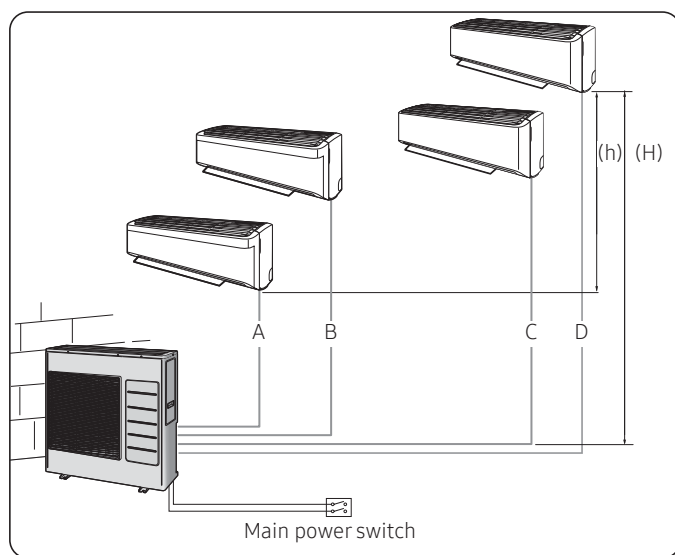
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12. Installation

- JXH36J4B (AJ036BXJ4CH/AA)

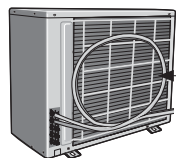
1 Piping outside diameter.

Indoor unit	Out unit	Power supply Ø, V, Hz	Outside diameter	
			Liquid	Gas
07/09/12/009/012, AR15**	JXH36J4B (AJ036BXJ4CH/AA)	1,208-230,60	1/4"	3/8"
18/018, AJ015**				1/2"
24				5/8"



2 Piping length and the height.

	1 Room max length	3 Room total max length	Max height between indoor unit & outdoor unit	Max height between indoor units
Dimension	82.0 ft	229.7 ft	49.2 ft	24.6 ft
Composition	A,B,C,D	A+B+C+D	(H)	(h)



Make at least one round:
It will reduce noise and vibration

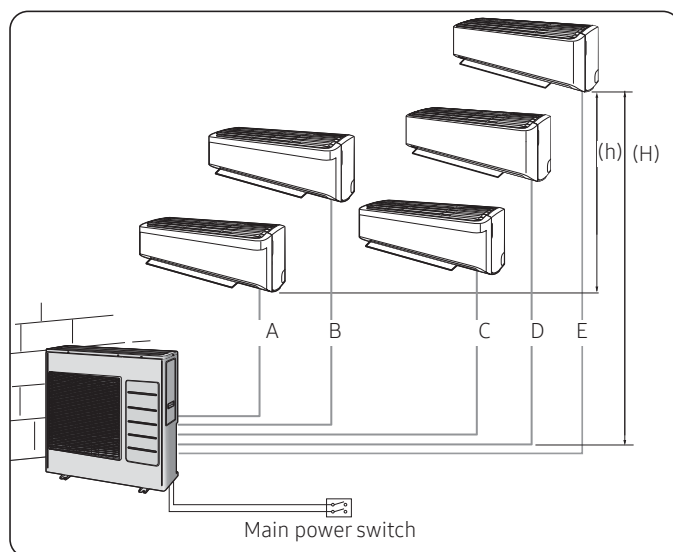
⚠ CAUTION

- 10 ft as minimum pipe length: It will reduce noise and vibration.
- The appearance of the unit may be different from the diagram depending on the model.

- JXH48J5B (AJ048BXJ5CH/AA)

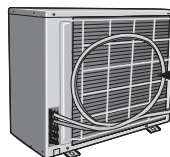
1 Piping outside diameter.

Indoor unit	Out unit	Power supply Ø, V, Hz	Outside diameter	
			Liquid	Gas
07/09/12/009/012, AR15**	JXH48J5B (AJ048BXJ5CH/AA)	1,220-240, 50	1/4"	3/8"
18/018, AJ015**				1/2"
24				5/8"



2 Piping length and the height.

	1 Room max length	4 Room total max length	Max height between indoor unit & outdoor unit	Max height between indoor units
Dimension	82.0 ft	229.7 ft	49.2 ft	24.6 ft
Composition	A,B,C,D,E	A+B+C+D+E	(H)	(h)



Make at least one round:
It will reduce noise and vibration

⚠ CAUTION

- 10 ft as minimum pipe length: It will reduce noise and vibration.
- The appearance of the unit may be different from the diagram depending on the model.

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