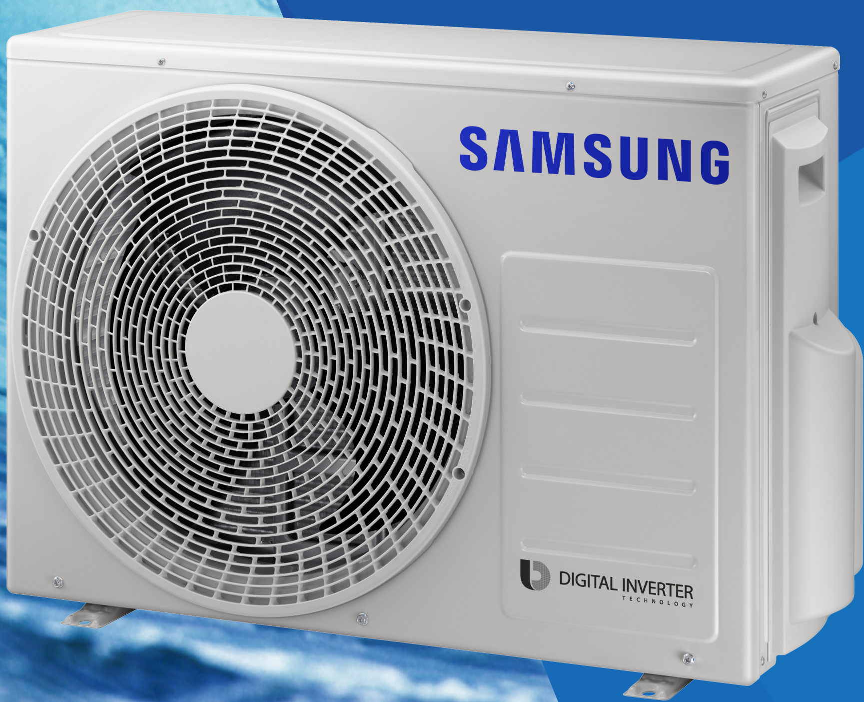
SAMSUNG

FJM

Technical Data Book

Free Joint Multi for Europe
(R32, 50Hz, HP)



Model : Outdoor unit (AJ***NCJ2EG/EU)
Indoor unit (AR**NXWSAURNEU, AR**MXWSAWKNEU, AR**NXFPEWQNEU, AR**NXFHBWKNEU, AR**NXWXCWKNEU, AR**NXPXBWKNEU, AR**NXWXBWKNEU, AR**NXCXAWKNEU)

History

Version	Modification	Date	Remark
Ver.1.0	Released FJM for Europe TDB (R32)	17.12.20	
Ver.1.1	Modified Net/Shipping Weight of indoor units	18.01.18	

Nomenclature

Outdoor Unit

Model Name

AJ	050	N	C	J	2	E	G	/	EU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		Buyer

(1) Classification

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

(2) Capacity

X 1/10 kW (3 digits)

(3) Version

J	2015
K	2016
M	2017
N	2018

(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
P	Pack Multi
H	DVM Home

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

Nomenclature

Indoor Unit

Wall Mounted Type

Model Name

AR	09	N	X	W	SA	UR	N	EU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Buyer

(1) Classification

AR	RAC

(2) Capacity

X 1000 Btu/h (2 digits)

(3) Version

J	2015
K	2016
M	2017
N	2018

(4) Feature 1

S	Inverter Heat Pump R410A
V	Inverter Cooling Only R410A
X	Inverter Heat Pump R32
Y	Inverter Cooling Only R32

(5) Feature 2

F	SPI not included
P	Wi-Fi + SPI
W	Wi-Fi
C	Wi-Fi + SPI + PM2.5

(6) Series

FB	FLG (A3050 Best, AR9570) 2nd
DB	DLX (A3050 Better, AR7580) 2nd
SA	STD (A3050 Good1, AR5580) 1st
SB	STD (A3050 Good1, AR5580) 2nd
NA	ENT (A3050 Good2, AR5680) 1st
PE	Maldives (A+High)
HB	New Boracay (No Pattern)
XA	Wind-Free (A3050) 1st
XB	Wind-Free (A3050) 2nd
XC	Wind-Free (A3050) 3rd

(7) Color

WK	DA White
WQ	DA White
UR	Midnight Blue
SI	Vivaldi White

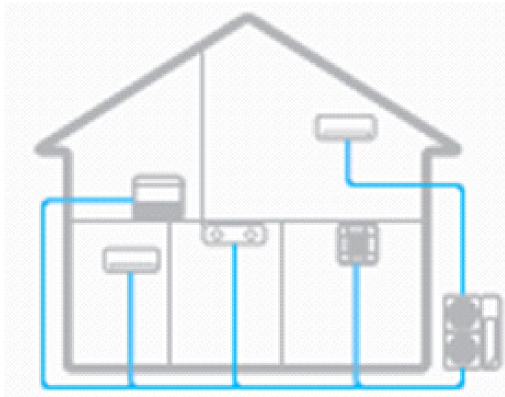
(8) Product

N	Indoor Unit
X	Outdoor Unit

Features & Benefits

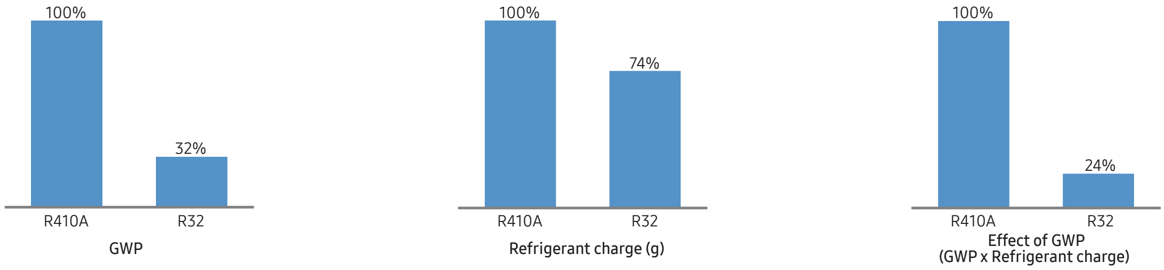
Universal Connection

A single outdoor unit supporting up to five indoor units, the FJM system is ideal for residential spaces with multiple rooms to increase space efficiency.



New refrigerant R32

We use R-32 and reduce Refrigerant charge, so we can reduce the global warming potential and protect our Earth.



<A Comparison between R410A and R32 of FJM 5kW outdoor>

Setting to Cool or Heat only mode

This function enables the indoor units connected to the outdoor unit to operate in a specific mode.
When you want to operate all indoor units with the cooling mode or heating mode.

Auto addressing & Auto pipe inspection

It can automatically set the address of the indoor unit and inspect pipes with one push of the button.
Installation is very simple.

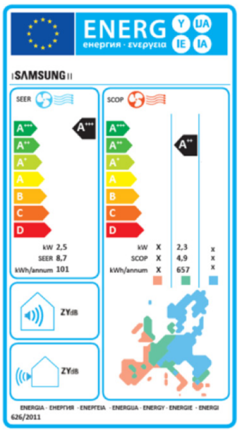
Samsung Smart Home

Control the FJM with only one application.
This feature is optional to the several models

Features & Benefits

Top-class energy efficiency A+++

Featuring a suite of energy-optimizing technologies, Samsung FJM delivers top-class energy efficiency to support businesses in saving costs and the environment



Power improvement mode

The power improvement mode has the following power reduction effects.

- Reduced power at Thermo off
- When the air conditioner operates in Cool, Dry, and Auto mode, if Thermo off is reached during cooling, the fan and display of the indoor unit are turned off after 5 minutes
- When you operates the remote control, the indoor unit display turns on again.
- Standby mode operation
- When all indoor units are turned off, the air conditioner recognizes it and enters the standby mode.
- The product power consumption in the standby mode is 3.5 W or less.

Contents

1. Line-up

1-1. Outdoor units

Capacity (kW)	4	5
Image		
Model	AJ040NCJ2EG/EU	AJ050NCJ2EG/EU

1-2. Indoor units

Capacity (kW) / Type	2.0	2.5	3.5
A3050 (Good1)			
Maldives			
New Boracay			
Wind-Free			

1. Line-up

1-3. Combination Table (Outdoor-Indoor)

Outdoor Unit / Indoor Unit		Model		
			AJ040MCJ2EH	AJ050MCJ2EH
Model		Capacity (kW)	4.0	5.0
 A3050 Good1	AR07/09/12NXWSAURNEU AR07/09/12MXWSAWKNEU	2.0	●	●
		2.5	●	●
		3.5	●	●
 Maldives	AR07/09/12NXFPEWQNEU	2.0	●	●
		2.5	●	●
		3.5	●	●
 New Boracay	AR07/09/12NXFHBWKNEU	2.0	●	●
		2.5	●	●
		3.5	●	●
 Wind-Free	AR07/09/12NXWXCWKNEU AR07/09/12NXPXBWKNEU AR07/09/12NXWXBWKNEU AR07/09/12NXCXAWKNEU	2.0	●	●
		2.5	●	●
		3.5	●	●

2. Specification

2-1. Outdoor units

Type				Free Joint Multi	Free Joint Multi
Model Name				AJ040NCJ2EG/EU	AJ050NCJ2EG/EU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50
Mode			-	HP	HP
Performance	Capacity	Cooling	kW	4.0	5.0
			Btu/h	13,600	17,100
		Heating	kW	4.2	5.6
			Btu/h	14,300	19,100
Maximum number of connectable Indoor Units			EA	2	2
Power	Power Input	Cooling	kW	0.90	1.22
		Heating		0.90	1.28
	Current Input	Cooling	A	4.10	5.60
		Heating		4.10	5.90
	Current	MCA	A	9.80	11.80
		MFA		11.25	13.75
Efficiency	EER	Cooling	W/W	4.44	4.10
	COP	Heating	W/W	4.67	4.38
	SEER (Grade)		W/W	8.54 (A+++)	8.54 (A+++)
	SCOP (Grade)		W/W	4.64 (A++)	4.64 (A++)
Casing	Material	Body	-	GI steel plate	GI steel plate
		Base	-	GI steel plate	GI steel plate
Heat exchanger	Type		-	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al
		Tube	-	Cu	Cu
	Fin Treatment		-	Anti-Corrosion	Anti-Corrosion
Compressor	Type		-	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter
	Output		kW x n	4.09 x 1	4.09 x 1
	Model Name		-	KTN130D42UFR	KTN130D42UFR
	Oil	Type	-	ESTER OIL VG74	ESTER OIL VG74
		Initial Charge	cc	350	350
Fan	Type		-	Propeller Fan	Propeller Fan
	Discharge direction		-	Front (Horizontal)	Front (Horizontal)
	Quantity		EA	1	1
	Air Flow Rate		m^3/min	29.7	33.05
			l/s	494	551
	External Static Pressure	Max.	mmAq	-	-
			Pa	-	-
Fan Motor	Model		-	BLDC	BLDC
	Output x n		W	40 x 1	40 x 1

2. Specification

Type				Free Joint Multi	Free Joint Multi
Model Name				**AJ040NCJ2EG/EU**	**AJ050NCJ2EG/EU**
Piping Connections	**Liquid Pipe**		**Type**	Flare connection	Flare connection
			Φ, mm x EA	6.35 x 2	6.35 x 2
			Φ, inch x EA	1/4" x 2	1/4" x 2
	Gas Pipe		**Type**	Flare connection	Flare connection
			Φ, mm x EA	9.52 x 2	9.52 x 2
			Φ, inch x EA	3/8" x 2	3/8" x 2
	Heat insulation			Both Liquid & Gas pipes	Both Liquid & Gas pipes
	Installation Limitation	**Total Piping Length**	**m**	30	30
		Max. Length (OD~ID)	**m**	25	25
		Max. Height (ID~ID)	**m**	7.5	7.5
		Max. Height (OD~ID)	**m**	15.0	15.0
Wiring connections	**Communication**	**Min.**	**mm^2**	0.75	0.75
		Remark	**-**	F1, F2	F1, F2
Refrigerant	**Type**		**-**	R32	R32
	Factory Charging		**kg**	0.98	1.18
			tCO_2e	0.66	0.80
Sound	**Sound Pressure**	**Cooling**	**dB(A)**	45	46
		Heating		46	47
	Sound Power			60	61
External Dimension	**Net Weight**		**kg**	32.0	33.0
	Shipping Weight		**kg**	34.0	35.0
	Net Dimensions (WxHxD)		**mm**	790 × 548 × 285	790 × 548 × 285
	Shipping Dimensions (WxHxD)		**mm**	913 × 622 × 371	913 × 622 × 371
Operating Temp. Range	**Cooling**		**°C**	-5 ~ 46	-5 ~ 46
	Heating		**°C**	-15 ~ 24	-15 ~ 24

NOTE

- Specifications may be subject to change without prior notice.
- 1)* Capacities are based on (Equivalent refrigerant piping : 5m, Level differences : 0m)
  - Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB
  - Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB
- 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 R32 (GWP=675) which is fluorinated greenhouse gas.

2. Specification

2-2. Indoor units

Wall Mounted Type - A3050 Good1

Type				A3050 Good1	A3050 Good1	A3050 Good1
Model Name				AR07NXWSAURNEU	AR09NXWSAURNEU	AR12NXWSAURNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50
Mode			-	HP	HP	HP
Performance	Capacity	Cooling	kW	2.0	2.75	3.5
			Btu/h	6,800	9,400	11,900
		Heating	kW	2.2	3.2	3.5
			Btu/h	7,500	10,900	11,900
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		m^3/min	8.0	9.0	10.0
			l/s	133.3	150.0	166.7
	External Static pressure	Max. (Min/Std/Max)	mmAq	-	-	-
			Pa	-	-	-
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
	Drain Pipe		Φ,mm	ID18mm Hose	ID18mm Hose	ID18mm Hose
Wiring connections	Communication	Min.	mm^2	0.75	0.75	0.75
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	37 / 27 / 22	37 / 27 / 22	38 / 28 / 22
	Sound Power	Cooling		54	54	56
Dimensions	Net Weight		kg	9.5	9.5	9.5
	Shipping Weight		kg	11.3	11.8	11.8
	Net Dimensions (WxHxD)		mm	826 x 261 x 261	826 x 261 x 261	826 x 261 x 261
	Shipping Dimensions (WxHxD)		mm	886 x 317 x 335	886 x 317 x 335	886 x 317 x 335
Casing	Material		-	HIPS	HIPS	HIPS

NOTE

- Specifications may be subject to change without prior notice.
- 1)* Capacities are based on (Equivalent refrigerant piping : 5m, Level differences : 0m)
  - Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB
  - Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB
- 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 R32 (GWP=675) which is fluorinated greenhouse gas.

2. Specification

2-2. Indoor units

Wall Mounted Type - A3050 Good1

Type				A3050 Good1	A3050 Good1	A3050 Good1
Model Name				AR07MXWSAWKNEU	AR09MXWSAWKNEU	AR12MXWSAWKNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50
Mode			-	HP	HP	HP
Performance	Capacity	Cooling	kW	2.0	2.5	3.5
			Btu/h	6,800	8,500	11,900
		Heating	kW	2.2	3.2	4.0
			Btu/h	7,500	10,900	13,600
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		m^3/min	10.0	11.0	12.0
			l/s	166.7	183.3	200.0
	External Static pressure	Max. (Min/Std/Max)	mmAq	-	-	-
			Pa	-	-	-
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
	Drain Pipe		Φ,mm	ID 18mm Hose	ID 18mm Hose	ID 18mm Hose
Wiring connections	Communication	Min.	mm^2	0.75	0.75	0.75
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	37 / 27 / 22	37 / 27 / 22	38 / 28 / 22
	Sound Power	Cooling		54	54	56
Dimensions	Net Weight		kg	11.0	11.0	11.0
	Shipping Weight		kg	13.6	13.6	13.6
	Net Dimensions (WxHxD)		mm	896 x 261 x 261	896 x 261 x 261	896 x 261 x 261
	Shipping Dimensions (WxHxD)		mm	956 x 317 x 335	956 x 317 x 335	956 x 317 x 335
Casing	Material		-	HIPS	HIPS	HIPS

NOTE

- Specifications may be subject to change without prior notice.
- 1)* Capacities are based on (Equivalent refrigerant piping : 5m, Level differences : 0m)
  - Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB
  - Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB
- 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 R32 (GWP=675) which is fluorinated greenhouse gas.

2. Specification

2-2. Indoor units

Wall Mounted Type - Maldives

Type				Maldives	Maldives	Maldives
Model Name				AR07NXFPEWQNEU	AR09NXFPEWQNEU	AR12NXFPEWQNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50
Mode			-	HP	HP	HP
Performance	Capacity	Cooling	kW	2.0	2.75	3.5
			Btu/h	6,800	9,400	11,900
		Heating	kW	2.2	3.2	3.5
			Btu/h	7,500	10,900	11,900
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		m^3/min	8.0	9.0	10.0
			l/s	133.3	150.0	166.7
	External Static pressure	Max. (Min/Std/Max)	mmAq	-	-	-
			Pa	-	-	-
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
	Drain Pipe		Φ,mm	ID 18mm Hose	ID 18mm Hose	ID 18mm Hose
Wiring connections	Communication	Min.	mm^2	0.75	0.75	0.75
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	38 / 28 / 21	38 / 28 / 21	42 / 33 / 23
	Sound Power	Cooling		56	56	59
Dimensions	Net Weight		kg	8.0	8.0	8.0
	Shipping Weight		kg	9.7	9.7	9.7
	Net Dimensions (WxHxD)		mm	820 x 285 x 215	820 x 285 x 215	820 x 285 x 215
	Shipping Dimensions (WxHxD)		mm	880 x 260 x 360	880 x 260 x 360	880 x 260 x 360
Casing	Material		-	HIPS	HIPS	HIPS

NOTE

- Specifications may be subject to change without prior notice.
- 1)* Capacities are based on (Equivalent refrigerant piping : 5m, Level differences : 0m)
  - Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB
  - Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB
- 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 R32 (GWP=675) which is fluorinated greenhouse gas.

2. Specification

2-2. Indoor units

Wall Mounted Type - New Boracay

<table>
<tr><th colspan="4">Type</th><th>New Boracay</th><th>New Boracay</th><th>New Boracay</th></tr>
<tr><th colspan="4">Model Name</th><th>AR07NXFHBWKNEU</th><th>AR09NXFHBWKNEU</th><th>AR12NXFHBWKNEU</th></tr>
<tr><td colspan="3">Power Supply</td><td>Φ, #, V, Hz</td><td>1, 2, 220~240, 50</td><td>1, 2, 220~240, 50</td><td>1, 2, 220~240, 50</td></tr>
<tr><td colspan="3">Mode</td><td>-</td><td>HP</td><td>HP</td><td>HP</td></tr>
<tr><td rowspan="4">Performance</td><td rowspan="4">Capacity</td><td rowspan="2">Cooling</td><td>kW</td><td>2.0</td><td>2.75</td><td>3.5</td></tr>
<tr><td>Btu/h</td><td>6,800</td><td>9,400</td><td>11,900</td></tr>
<tr><td rowspan="2">Heating</td><td>kW</td><td>2.2</td><td>3.2</td><td>3.5</td></tr>
<tr><td>Btu/h</td><td>7,500</td><td>10,900</td><td>11,900</td></tr>
<tr><td rowspan="4">Power</td><td rowspan="2">Power Input</td><td>Cooling</td><td rowspan="2">W</td><td>30</td><td>30</td><td>30</td></tr>
<tr><td>Heating</td><td>30</td><td>30</td><td>30</td></tr>
<tr><td rowspan="2">Current Input</td><td>Cooling</td><td rowspan="2">A</td><td>0.3</td><td>0.3</td><td>0.3</td></tr>
<tr><td>Heating</td><td>0.3</td><td>0.3</td><td>0.3</td></tr>
<tr><td rowspan="4">Heat exchanger</td><td colspan="2">Type</td><td>-</td><td>Fin & Tube</td><td>Fin & Tube</td><td>Fin & Tube</td></tr>
<tr><td rowspan="2">Material</td><td>Fin</td><td>-</td><td>Al</td><td>Al</td><td>Al</td></tr>
<tr><td>Tube</td><td>-</td><td>Cu</td><td>Cu</td><td>Cu</td></tr>
<tr><td colspan="2">Fin Treatment</td><td>-</td><td>Green Hydrophile</td><td>Green Hydrophile</td><td>Green Hydrophile</td></tr>
<tr><td rowspan="6">Fan</td><td colspan="2">Type</td><td>-</td><td>Cross flow Fan</td><td>Cross flow Fan</td><td>Cross flow Fan</td></tr>
<tr><td colspan="2">Quantity</td><td>EA</td><td>1</td><td>1</td><td>1</td></tr>
<tr><td colspan="2" rowspan="2">Air Flow Rate</td><td>m³/min</td><td>8.0</td><td>9.0</td><td>10.0</td></tr>
<tr><td>l/s</td><td>133.3</td><td>150.0</td><td>166.7</td></tr>
<tr><td rowspan="2">External Static pressure</td><td rowspan="2">Max. (Min/Std/Max)</td><td>mmAq</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>Pa</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td rowspan="2">Fan Motor</td><td colspan="2">Type</td><td>-</td><td>BLDC Motor</td><td>BLDC Motor</td><td>BLDC Motor</td></tr>
<tr><td colspan="2">Output x n</td><td>W</td><td>27 x 1</td><td>27 x 1</td><td>27 x 1</td></tr>
<tr><td rowspan="6">Piping Connections</td><td colspan="2" rowspan="2">Liquid Pipe</td><td>Type</td><td>Flare connection</td><td>Flare connection</td><td>Flare connection</td></tr>
<tr><td>Φ, mm (inch)</td><td>6.35 (1/4")</td><td>6.35 (1/4")</td><td>6.35 (1/4")</td></tr>
<tr><td colspan="2" rowspan="2">Gas Pipe</td><td>Type</td><td>Flare connection</td><td>Flare connection</td><td>Flare connection</td></tr>
<tr><td>Φ, mm (inch)</td><td>9.52 (3/8")</td><td>9.52 (3/8")</td><td>9.52 (3/8")</td></tr>
<tr><td colspan="2">Heat Insulation</td><td>-</td><td>Both Liquid & Gas pipes</td><td>Both Liquid & Gas pipes</td><td>Both Liquid & Gas pipes</td></tr>
<tr><td colspan="2">Drain Pipe</td><td>Φ,mm</td><td>ID18mm Hose</td><td>ID18mm Hose</td><td>ID18mm Hose</td></tr>
<tr><td rowspan="2">Wiring connections</td><td rowspan="2">Communication</td><td>Min.</td><td>mm²</td><td>0.75</td><td>0.75</td><td>0.75</td></tr>
<tr><td>Remark</td><td>-</td><td>F1, F2</td><td>F1, F2</td><td>F1, F2</td></tr>
<tr><td rowspan="2">Refrigerant</td><td colspan="2">Type</td><td>-</td><td>R32</td><td>R32</td><td>R32</td></tr>
<tr><td colspan="2">Electronic Expansion Valve</td><td>-</td><td>EEV NOT INCLUDED</td><td>EEV NOT INCLUDED</td><td>EEV NOT INCLUDED</td></tr>
<tr><td rowspan="2">Sound</td><td>Sound Pressure</td><td>H/M/L</td><td rowspan="2">dB(A)</td><td>38 / 30 / 21</td><td>38 / 30 / 21</td><td>42 / 33 / 21</td></tr>
<tr><td>Sound Power</td><td>Cooling</td><td>56</td><td>56</td><td>59</td></tr>
<tr><td rowspan="4">Dimensions</td><td colspan="2">Net Weight</td><td>kg</td><td>8.2</td><td>8.2</td><td>8.2</td></tr>
<tr><td colspan="2">Shipping Weight</td><td>kg</td><td>10.2</td><td>10.2</td><td>10.2</td></tr>
<tr><td colspan="2">Net Dimensions (WxHxD)</td><td>mm</td><td>820 x 285 x 227</td><td>820 x 285 x 227</td><td>820 x 285 x 227</td></tr>
<tr><td colspan="2">Shipping Dimensions (WxHxD)</td><td>mm</td><td>880 x 280 x 363</td><td>880 x 280 x 363</td><td>880 x 280 x 363</td></tr>
<tr><td>Casing</td><td colspan="2">Material</td><td>-</td><td>HIPS</td><td>HIPS</td><td>HIPS</td></tr>
</table>

NOTE

- Specifications may be subject to change without prior notice.
- 1)* Capacities are based on (Equivalent refrigerant piping : 5m, Level differences : 0m)
  - Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB
  - Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB
- 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 R32 (GWP=675) which is fluorinated greenhouse gas.

2. Specification

2-2. Indoor units

Wall Mounted Type - Wind-Free (A3050)

Type				Wind-Free	Wind-Free	Wind-Free
Model Name				AR07NXWXCWKNEU	AR09NXWXCWKNEU	AR12NXWXCWKNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50
Mode			-	HP	HP	HP
Performance	Capacity	Cooling	kW	2.0	2.75	3.5
			Btu/h	6,800	9,400	11,900
		Heating	kW	2.2	3.2	3.5
			Btu/h	7,500	10,900	11,900
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		m³/min	9.3	9.3	10.8
			l/s	155.0	155.0	180.0
	External Static pressure	Max. (Min/Std/Max)	mmAq	-	-	-
			Pa	-	-	-
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
	Drain Pipe		Φ,mm	ID18mm Hose	ID18mm Hose	ID18mm Hose
Wiring connections	Communication	Min.	mm^2	0.75	0.75	0.75
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	37 / 30 / 22	37 / 30 / 22	38 / 31 / 22
	Sound Power	Cooling		56	56	58
Dimensions	Net Weight		kg	9.4	9.4	9.4
	Shipping Weight		kg	11.9	11.9	11.9
	Net Dimensions (WxHxD)		mm	828 x 267 x 265	828 x 267 x 265	828 x 267 x 265
	Shipping Dimensions (WxHxD)		mm	886 x 317 x 335	886 x 317 x 335	886 x 317 x 335
Casing	Material		-	HIPS	HIPS	HIPS

NOTE

- Specifications may be subject to change without prior notice.
- 1)* Capacities are based on (Equivalent refrigerant piping : 5m, Level differences : 0m)
  - Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB
  - Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB
- 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 R32 (GWP=675) which is fluorinated greenhouse gas.

2. Specification

2-2. Indoor units

Wall Mounted Type - Wind-Free (A3050)

Type				Wind-Free	Wind-Free	Wind-Free
Model Name				AR07NXPXBWKNEU	AR09NXPXBWKNEU	AR12NXPXBWKNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50
Mode			-	HP	HP	HP
Performance	Capacity	Cooling	kW	2.0	2.50	3.5
			Btu/h	6,800	8,500	11,900
		Heating	kW	2.2	3.2	3.5
			Btu/h	7,500	10,900	11,900
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		m^3/min	9.3	9.3	10.0
			l/s	155.0	155.0	166.7
	External Static pressure	Max. (Min/Std/Max)	mmAq	-	-	-
			Pa	-	-	-
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
	Drain Pipe		Φ,mm	ID18mm Hose	ID18mm Hose	ID18mm Hose
Wiring connections	Communication	Min.	mm^2	0.75	0.75	0.75
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	37 / 30 / 22	37 / 30 / 22	38 / 31 / 22
	Sound Power	Cooling		56	56	58
Dimensions	Net Weight		kg	10.0	10.0	10.0
	Shipping Weight		kg	12.0	12.0	12.0
	Net Dimensions (WxHxD)		mm	828 x 267 x 265	828 x 267 x 265	828 x 267 x 265
	Shipping Dimensions (WxHxD)		mm	886 x 317 x 335	886 x 317 x 335	886 x 317 x 335
Casing	Material		-	HIPS	HIPS	HIPS

NOTE

- Specifications may be subject to change without prior notice.
- 1)* Capacities are based on (Equivalent refrigerant piping : 5m, Level differences : 0m)
  - Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB
  - Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB
- 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 R32 (GWP=675) which is fluorinated greenhouse gas.

2. Specification

2-2. Indoor units

Wall Mounted Type - Wind-Free (A3050)

Type				Wind-Free	Wind-Free	Wind-Free
Model Name				AR07NXWXBWKNEU	AR09NXWXBWKNEU	AR12NXWXBWKNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50
Mode			-	HP	HP	HP
Performance	Capacity	Cooling	kW	2.0	2.50	3.5
			Btu/h	6,800	8,500	11,900
		Heating	kW	2.2	3.2	3.5
			Btu/h	7,500	10,900	11,900
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		m^3/min	9.3	9.3	10.0
			l/s	155.0	155.0	166.7
	External Static pressure	Max. (Min/Std/Max)	mmAq	-	-	-
			Pa	-	-	-
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
	Drain Pipe		Φ,mm	ID18mm Hose	ID18mm Hose	ID18mm Hose
Wiring connections	Communication	Min.	mm^2	0.75	0.75	0.75
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	37 / 30 / 22	37 / 30 / 22	38 / 31 / 22
	Sound Power	Cooling		56	56	58
Dimensions	Net Weight		kg	9.4	9.4	9.4
	Shipping Weight		kg	11.9	11.9	11.9
	Net Dimensions (WxHxD)		mm	828 x 267 x 265	828 x 267 x 265	828 x 267 x 265
	Shipping Dimensions (WxHxD)		mm	886 x 317 x 335	886 x 317 x 335	886 x 317 x 335
Casing	Material		-	HIPS	HIPS	HIPS

NOTE

- Specifications may be subject to change without prior notice.
- 1)* Capacities are based on (Equivalent refrigerant piping : 5m, Level differences : 0m)
  - Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB
  - Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB
- 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 R32 (GWP=675) which is fluorinated greenhouse gas.

2. Specification

2-2. Indoor units

Wall Mounted Type - Wind-Free (A3050)

Type				Wind-Free	Wind-Free	Wind-Free
Model Name				AR07NXCXAWKNEU	AR09NXCXAWKNEU	AR12NXCXAWKNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50
Mode			-	HP	HP	HP
Performance	Capacity	Cooling	kW	2.0	2.50	3.5
			Btu/h	6,800	8,500	11,900
		Heating	kW	2.2	3.2	4.0
			Btu/h	7,500	10,900	13,600
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		m^3/min	9.3	9.9	10.6
			l/s	155.0	165.0	176.7
	External Static pressure	Max. (Min/Std/Max)	mmAq	-	-	-
			Pa	-	-	-
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Heat Insulation		-	Both Liquid & Gas pipes	Both Liquid & Gas pipes	Both Liquid & Gas pipes
	Drain Pipe		Φ,mm	ID18mm Hose	ID18mm Hose	ID18mm Hose
Wiring connections	Communication	Min.	mm^2	0.75	0.75	0.75
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	37 / 30 / 22	37 / 30 / 22	38 / 31 / 22
	Sound Power	Cooling		56	56	58
Dimensions	Net Weight		kg	11.3	11.3	11.3
	Shipping Weight		kg	13.9	13.9	13.9
	Net Dimensions (WxHxD)		mm	828 x 295 x 265	828 x 295 x 265	828 x 295 x 265
	Shipping Dimensions (WxHxD)		mm	886 x 317 x 335	886 x 317 x 335	886 x 317 x 335
Casing	Material		-	HIPS	HIPS	HIPS

NOTE

- Specifications may be subject to change without prior notice.
- 1)* Capacities are based on (Equivalent refrigerant piping : 5m, Level differences : 0m)
  - Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB
  - Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB
- 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 R32 (GWP=675) which is fluorinated greenhouse gas.

3. Electric Characteristics

Capacity (Cooling) kW	Model	Power Supply		Voltage Range		Nominal Running Current [A]		Current [A]		ODU Fan Motor
		Hz	Voltage	Min. (-15%)	Max. (+15%)	Cooling	Heating	MCA	MFA	kW
4.0	AJ040NCJ2EG**	50	220~240	198	264	4.1	4.1	9.8	11.25	0.04
5.0	AJ050NCJ2EG**	50	220~240	198	264	5.6	5.9	11.8	13.75	0.04

NOTE

- MCA : Minimum circuit amperes
- MFA : Maximum fuse amperes
- Select wire size based on the value of MCA

4. Combination Table

4-1. AJ040NCJ2EG/EU

COOLING

Outdoor unit		A	B	Cooling Capacity		Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	SEER	Qce
				W		W			W			A						
				A	B	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX	EER	Class		kWh
AJ040NCJ2EG	2 Unit	7	7	2000	2000	1300	4000	4700	300	900	1250	1.7	4.1	5.7	4.44	A+++	8.54	164
		7	9	1780	2220	1300	4000	4700	350	920	1270	1.9	4.2	5.8	4.35	A+++	8.51	165
		7	12	1450	2550	1300	4000	4700	350	930	1280	1.9	4.3	5.9	4.3	A+++	8.51	165
		9	9	2000	2000	1300	4000	4700	350	940	1290	1.9	4.3	5.9	4.26	A+++	8.51	165
		9	12	1670	2330	1300	4000	4700	350	950	1300	1.9	4.3	5.9	4.21	A+++	8.51	165

HEATING

Outdoor unit		A	B	Heating Capacity		Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	SCOP	P design	Qhe
				W		W			W			A							
				A	B	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX	COP	Class		kW	kWh
AJ040NCJ2EG	2 Unit	7	7	2100	2100	1000	4200	4700	280	900	1180	1.4	4.1	5.4	4.67	A++	4.64	3.05	922
		7	9	1840	2360	1000	4200	4700	280	920	1190	1.4	4.2	5.4	4.57	A++	4.61	3.05	927
		7	12	1550	2650	1000	4200	4700	280	930	1200	1.4	4.3	5.5	4.52	A++	4.61	3.05	927
		9	9	2100	2100	1000	4200	4700	280	940	1210	1.4	4.3	5.5	4.47	A++	4.61	3.05	927
		9	12	1800	2400	1000	4200	4700	280	950	1220	1.4	4.3	5.6	4.42	A++	4.61	3.05	927

NOTE

- EER and COP declared only for the purpose of tax deductions in force at the time of the creation of this catalog.
- The above is the value for connecting with the following indoor units.
  - A3050 Good1 : AR07MXWSAWKNEU, AR09MXWSAWKNEU, AR12MXWSAWKNEU
- You can not connect a single unit.
- Power consumption include indoor unit power.

4-2. AJ050NCJ2EG/EU

COOLING

Outdoor unit		A	B	Cooling Capacity W		Capacity W			Power Consumption W			Current A			Effic. NOM. Cooling. At 35°C/27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	SEER	Qce
				A	B	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX	EER	Class		kWh
AJ050NCJ2EG	2 Unit	7	7	2000	2000	1300	4000	4700	350	980	1290	1.9	4.5	5.9	4.08	A+++	8.51	165
		7	9	2040	2560	1300	4600	5200	350	1120	1520	1.9	5.1	7	4.11	A+++	8.51	189
		7	12	1820	3180	1400	5000	5500	350	1230	1510	1.9	5.6	6.9	4.07	A+++	8.51	206
		9	9	2500	2500	1400	5000	5500	350	1220	1500	1.9	5.6	6.9	4.1	A+++	8.54	205
		9	12	2080	2920	1400	5000	5500	350	1230	1510	1.9	5.6	6.9	4.07	A+++	8.51	206
		12	12	2500	2500	1400	5000	5500	350	1240	1520	1.9	5.7	7	4.03	A+++	8.51	206

HEATING

Outdoor unit		A	B	Heating Capacity W		Capacity W			Power Consumption W			Current A			Effic. NOM. Heating. At 7°C/20°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	SCOP	P design	Qhe
				A	B	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX	COP	Class		kW	kWh
AJ050NCJ2EG	2 Unit	7	7	2200	2200	1400	4400	4700	280	1010	1210	1.4	4.6	5.5	4.36	A++	4.61	3.05	927
		7	9	2230	2870	1400	5100	5460	280	1310	1610	1.4	6	7.4	3.89	A++	4.61	4.21	1277
		7	12	2060	3540	1400	5600	6300	280	1290	1710	1.4	5.9	7.8	4.34	A++	4.61	4.21	1277
		9	9	2800	2800	1400	5600	6300	280	1280	1700	1.4	5.9	7.8	4.38	A++	4.64	4.21	1270
		9	12	2400	3200	1400	5600	6300	280	1290	1710	1.4	5.9	7.8	4.34	A++	4.61	4.21	1277
		12	12	2800	2800	1400	5600	6300	280	1300	1720	1.4	5.9	7.9	4.31	A++	4.61	4.21	1277

NOTE

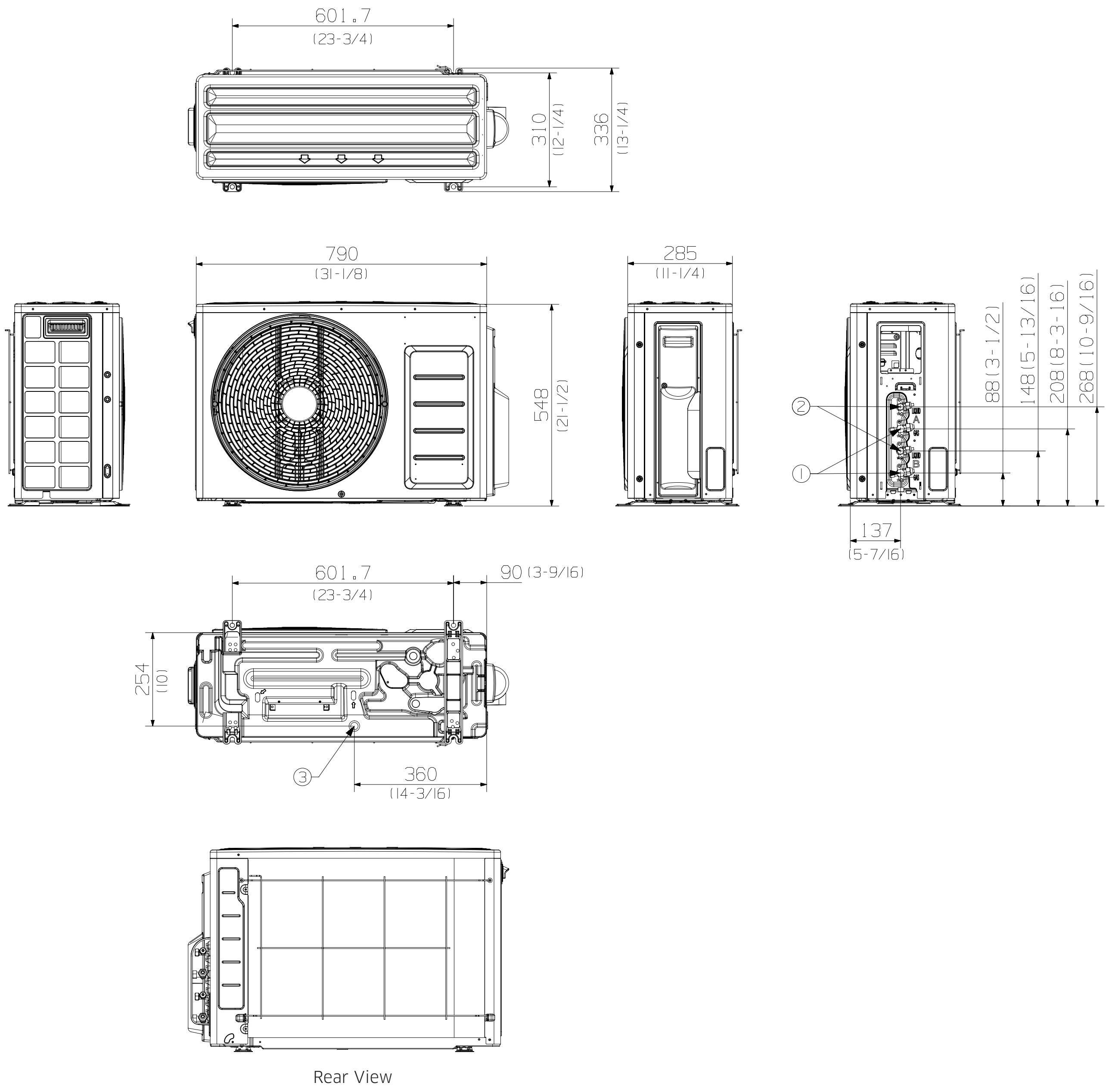
- EER and COP declared only for the purpose of tax deductions in force at the time of the creation of this catalog.
- The above is the value for connecting with the following indoor units.
  - A3050 Good1 : AR07MXWSAWKNEU, AR09MXWSAWKNEU, AR12MXWSAWKNEU
- You can not connect a single unit.
- Power consumption include indoor unit power.

5. Dimensional Drawing

5-1. Outdoor units

- AJ040/050NCJ2EG**

Unit : mm [inches]



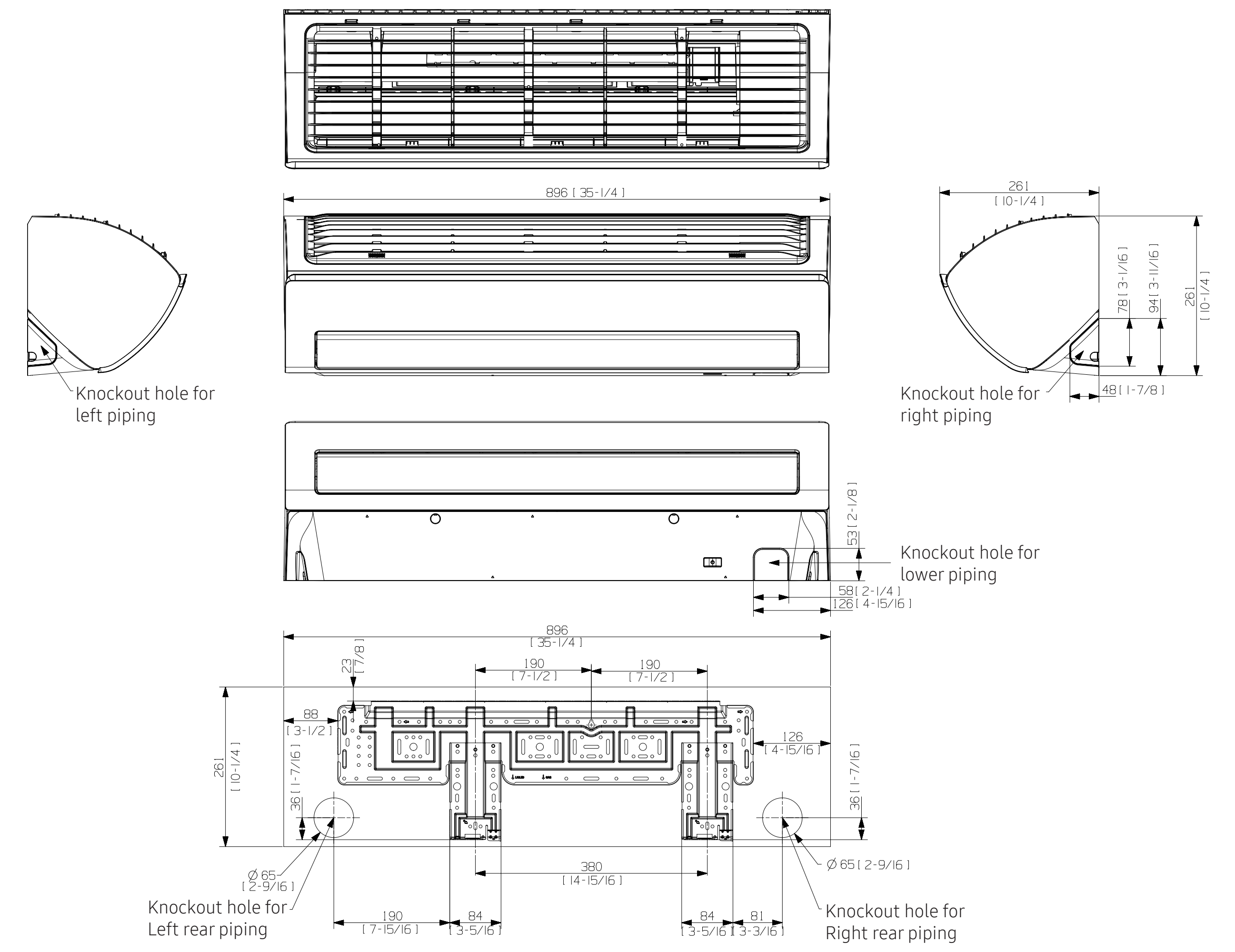
NO	Name	Description
1	Refrigerant gas pipe	Φ9.52 (Φ3/8)
2	Refrigerant liquid pipe	Φ6.35 (Φ1/4)
3	Drain hole	Connection with the provided drain plug.

5. Dimensional Drawing

5-2. Indoor unit

1 A3050 Good1 : AR07/09/12MXWSAWKN**

Unit : mm [inches]



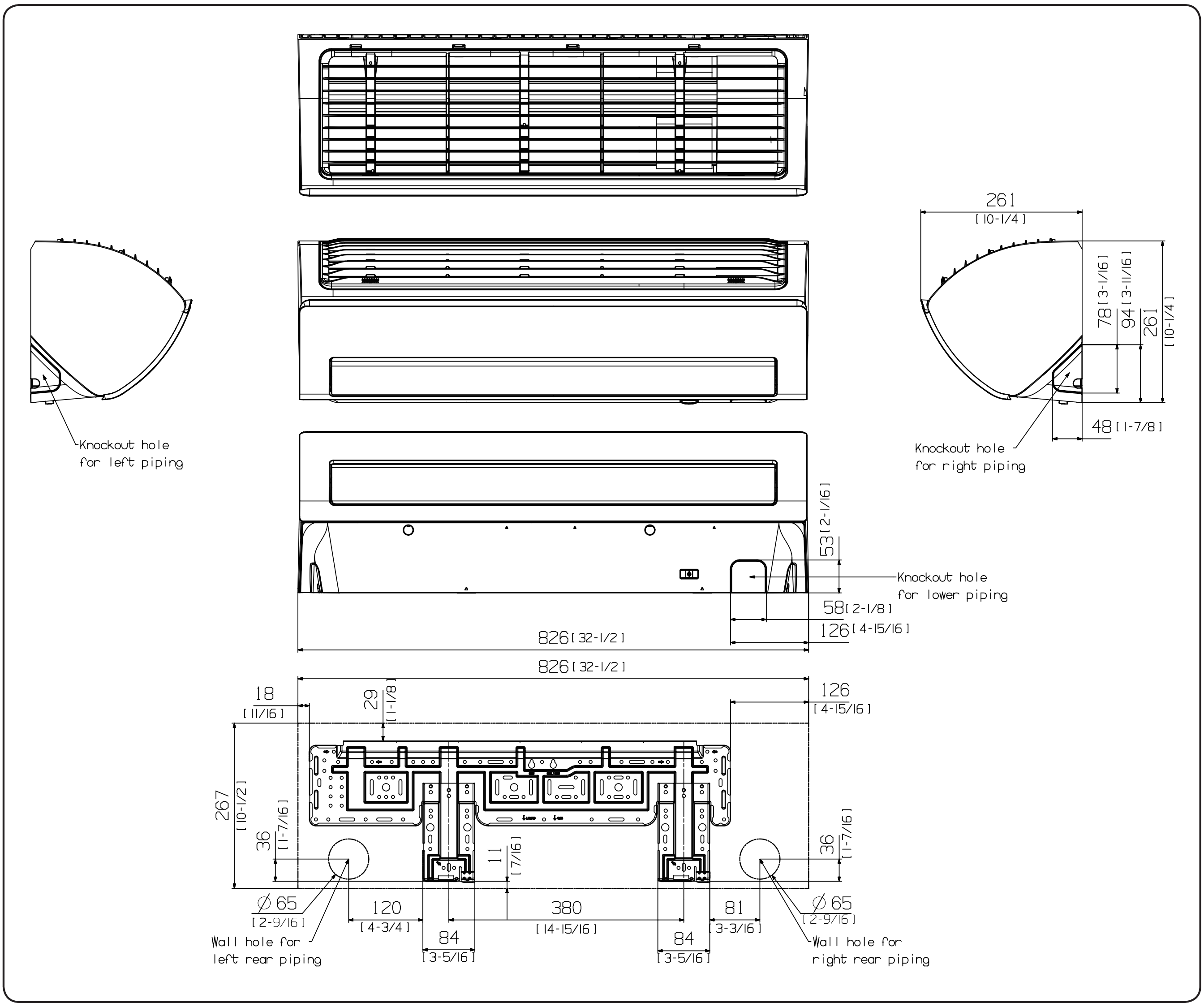
NO	Name	Description
		2.0, 2.5, 3.5kW
1	Liquid pipe connection	Φ6.35 (Φ1/4)
2	Gas pipe connection	Φ9.52 (Φ3/8)
3	Drain pipe connection	ID 18mm Hose
4	Power & Communication wiring conduit	-

5. Dimensional Drawing

5-2. Indoor unit

2 A3050 Good1 : AR07/09/12NXWSAURN**

Unit : mm [inches]



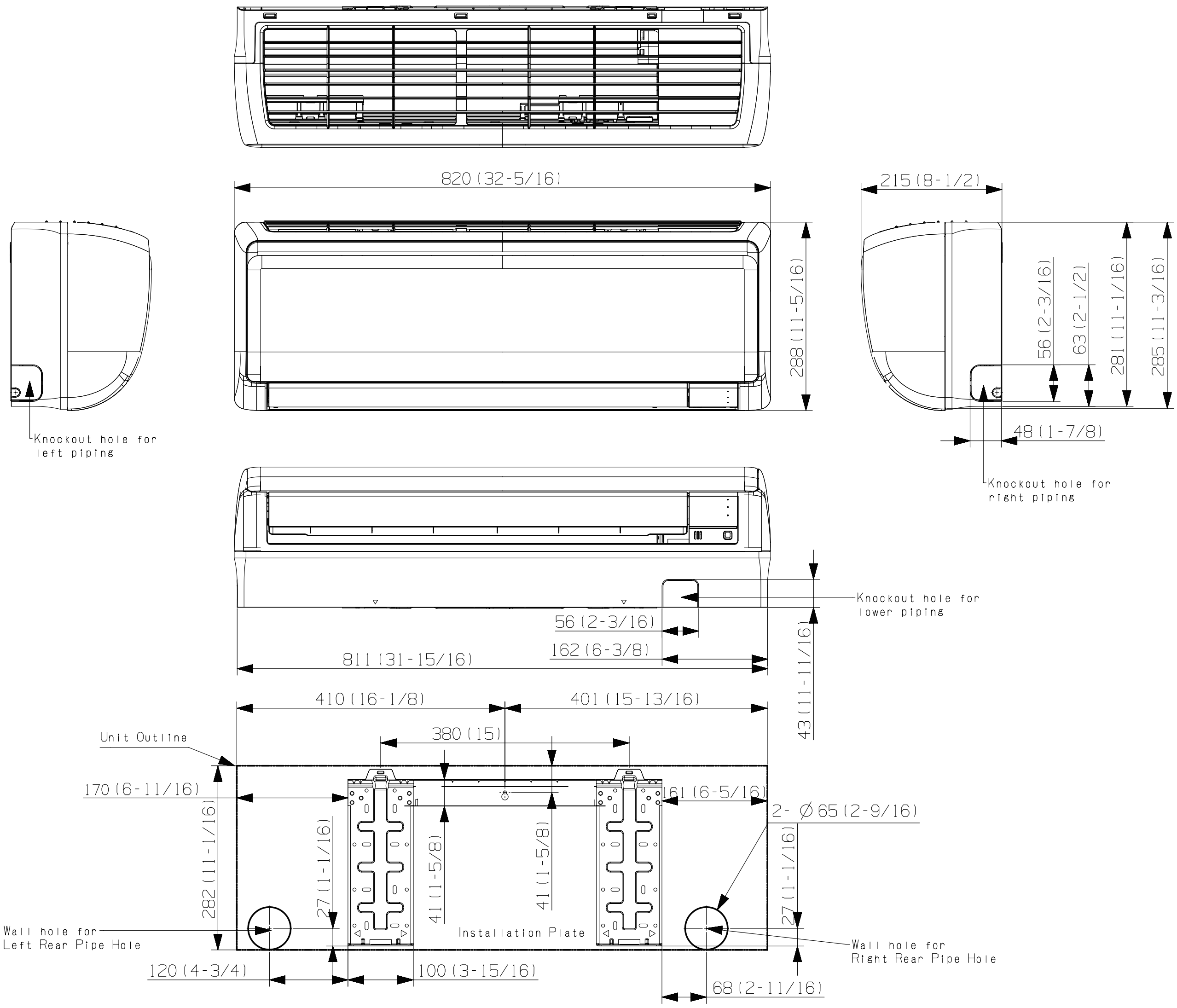
NO	Name	Description
		2.0, 2.5, 3.5kW
1	Liquid pipe connection	Φ6.35 (Φ1/4)
2	Gas pipe connection	Φ9.52 (Φ3/8)
3	Drain pipe connection	ID 18mm Hose
4	Power & Communication wiring conduit	-

5. Dimensional Drawing

5-2. Indoor unit

3 Maldives : AR07/09/12NXFPEWQN**

Unit : mm [inches]



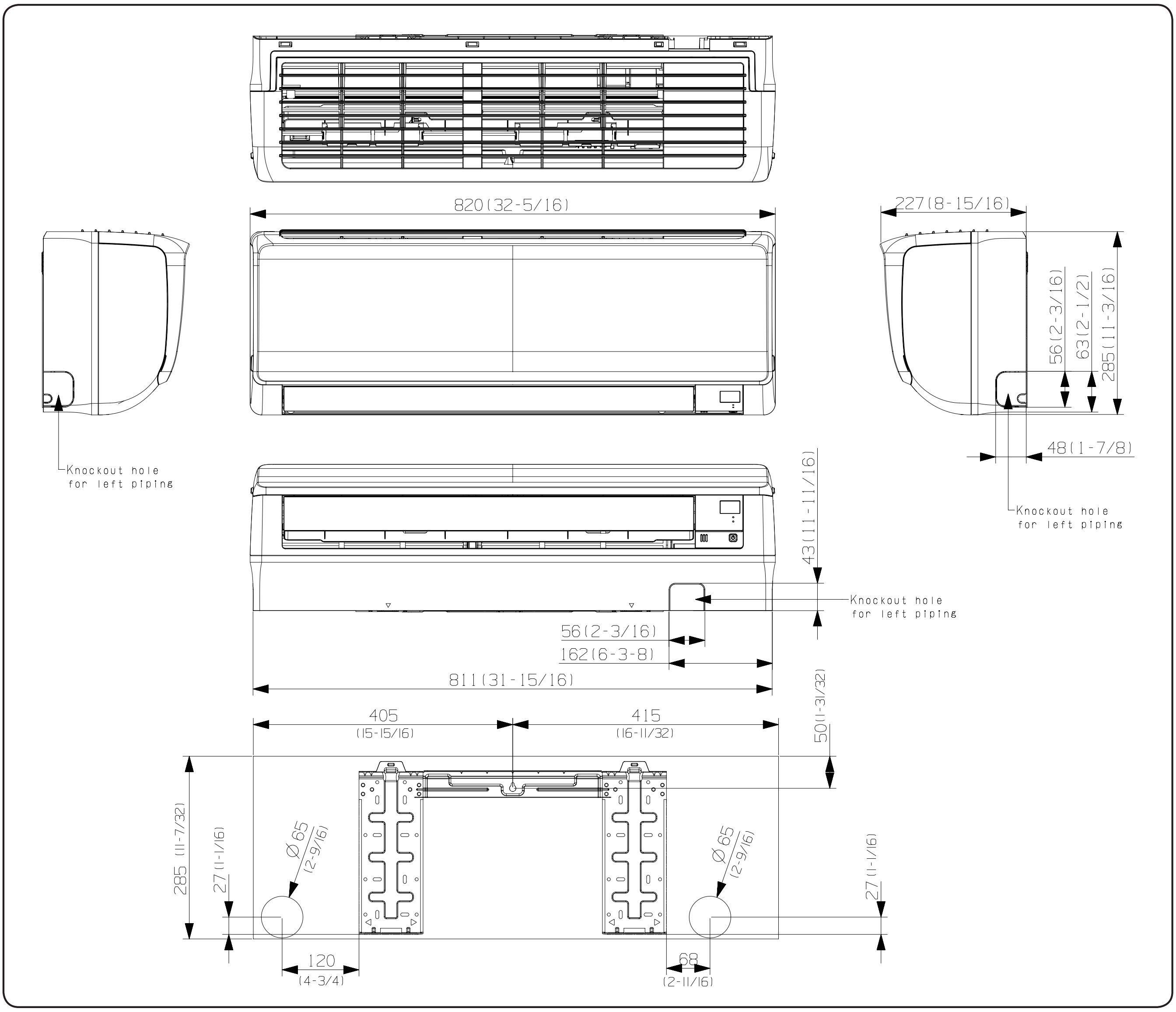
NO	Name	Description
		2.0, 2.5, 3.5kW
1	Liquid pipe connection	Φ6.35 (Φ1/4)
2	Gas pipe connection	Φ9.52 (Φ3/8)
3	Drain pipe connection	ID 18mm Hose
4	Power & Communication wiring conduit	-

5. Dimensional Drawing

5-2. Indoor unit

4 New Boracay : AR07/09/12NXFHBWKN**

Unit : mm [inches]



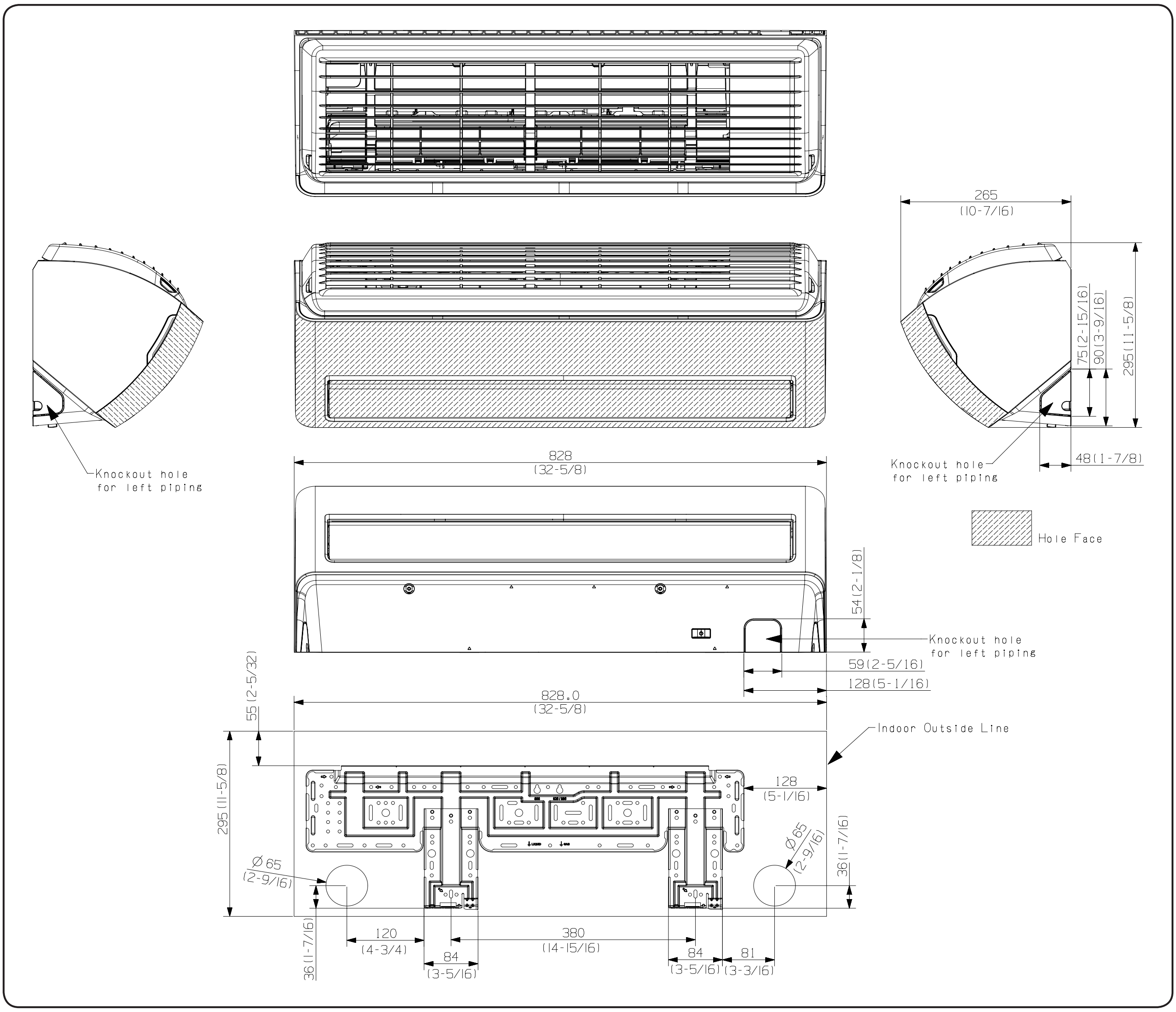
NO	Name	Description
		2.0, 2.5, 3.5kW
1	Liquid pipe connection	Φ6.35 (Φ1/4)
2	Gas pipe connection	Φ9.52 (Φ3/8)
3	Drain pipe connection	ID18mm Hose
4	Power & Communication wiring conduit	-

5. Dimensional Drawing

5-2. Indoor unit

5 Wind-Free : AR07/09/12NXCXAWKN**

Unit : mm [inches]



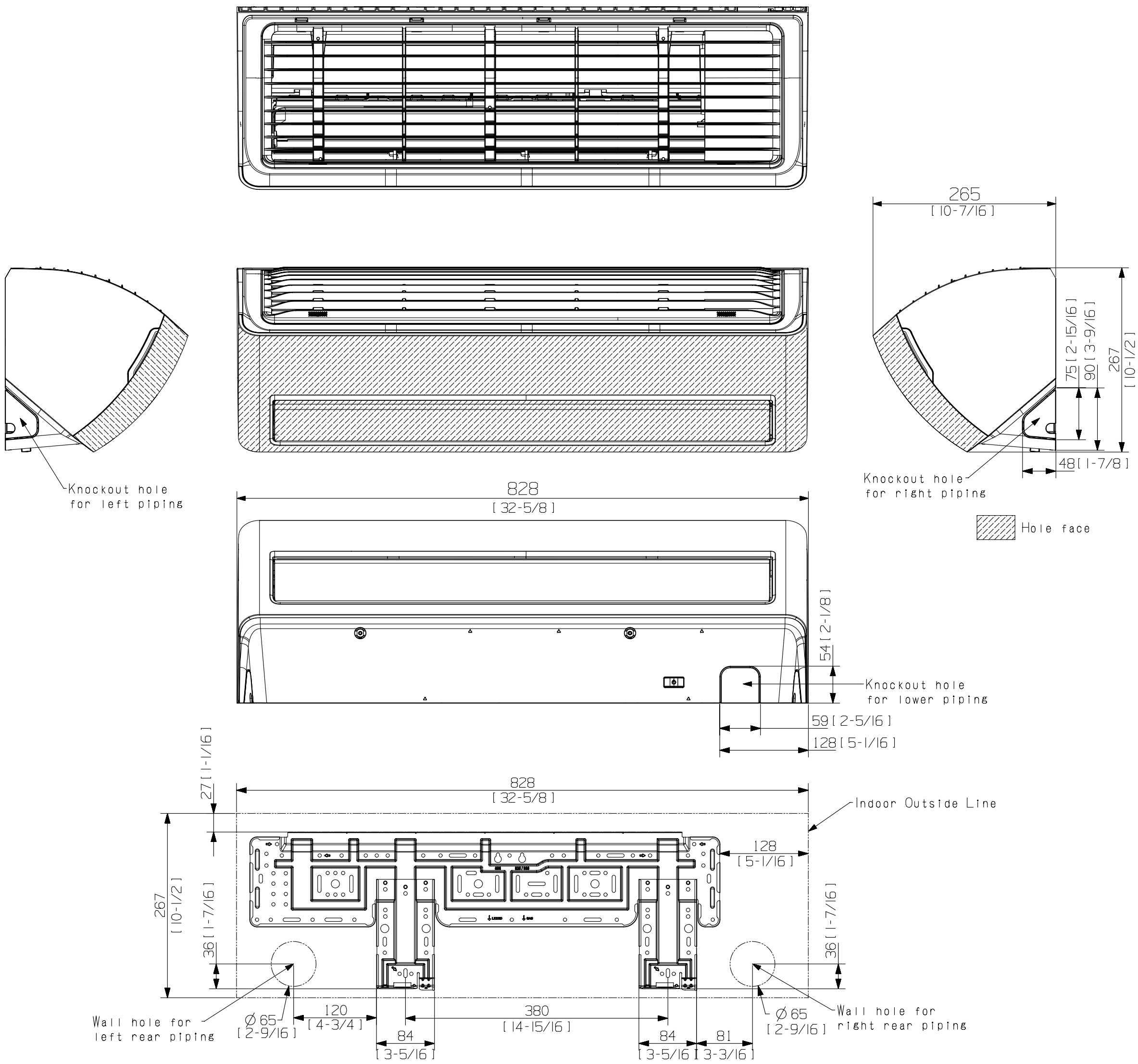
NO	Name	Description
		2.0, 2.5, 3.5kW
1	Liquid pipe connection	Φ6.35 (Φ1/4)
2	Gas pipe connection	Φ9.52 (Φ3/8)
3	Drain pipe connection	ID18mm Hose
4	Power & Communication wiring conduit	-

5. Dimensional Drawing

5-2. Indoor unit

6 Wind-Free : AR07/09/12NXPXBWKN**, AR07/09/12NXWXBWKN**, AR07/09/12NXWXCWKN**

Unit : mm [inches]



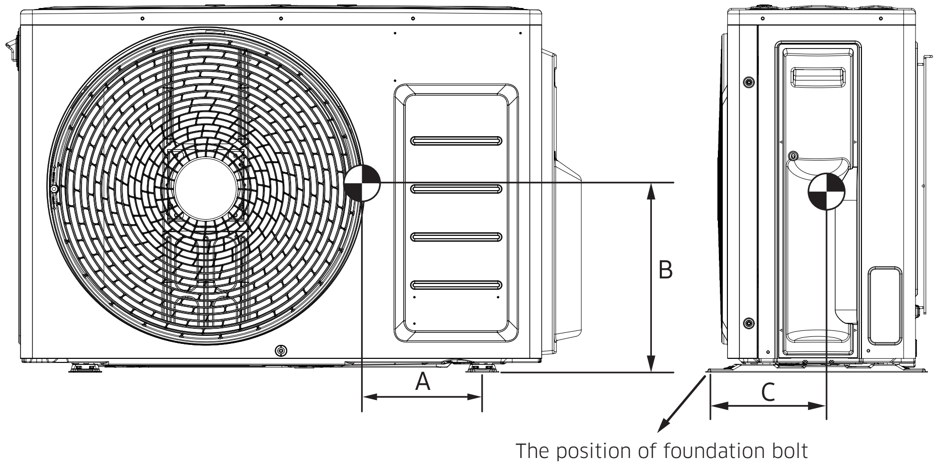
NO	Name	Description
		2.0, 2.5, 3.5kW
1	Liquid pipe connection	Φ6.35 (Φ1/4)
2	Gas pipe connection	Φ9.52 (Φ3/8)
3	Drain pipe connection	ID18mm Hose
4	Power & Communication wiring conduit	-

6. Center of Gravity

6-1. Outdoor unit

1 AJ040/050NCJ2EG**

Unit : mm

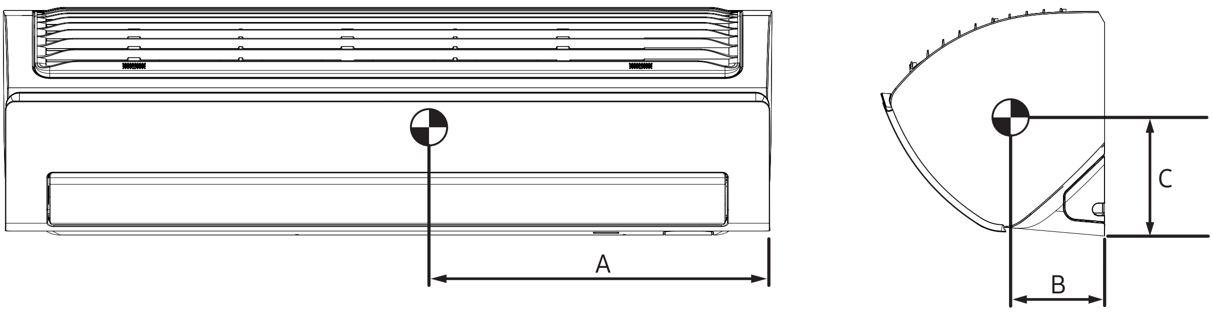


Model	A	B	C
AJ040/050NCJ2EG**	232	223	165

6-2. Indoor unit

1 A3050 Good1, Wind-Free

Unit : mm



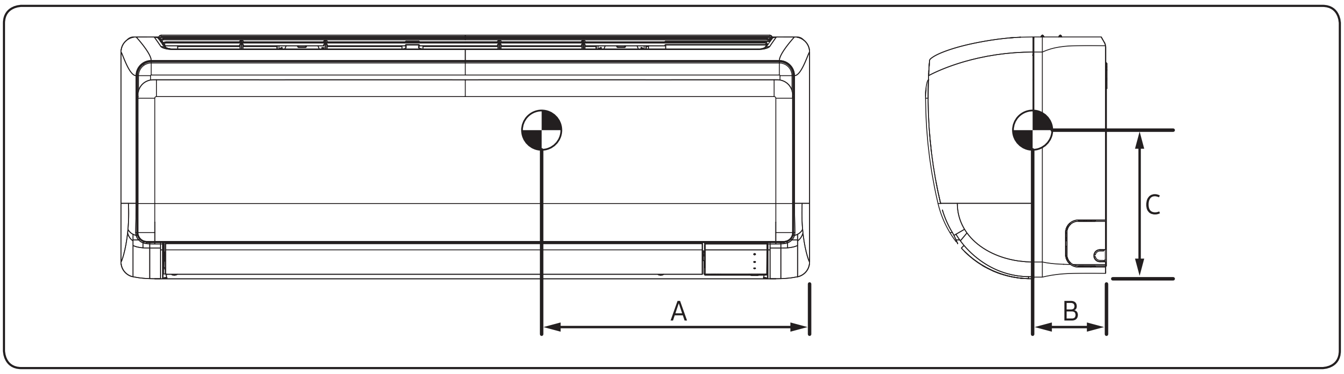
Model	A	B	C
A3050 Good1 : AR07/09/12MXWSAWKN**	399	105	128
A3050 Good1 : AR07/09/12NXWSAURN**	370	105	130
Wind-Free : AR07/09/12NXWXCWKN**	380	105	140
Wind-Free : AR07/09/12NXPXBWKN** AR07/09/12NXWXBWKN** AR07/09/12NXCXAWKN**	370	105	130

6. Center of Gravity

6-2. Indoor unit

2 Maldives : AR07/09/12NXFPEWQN**

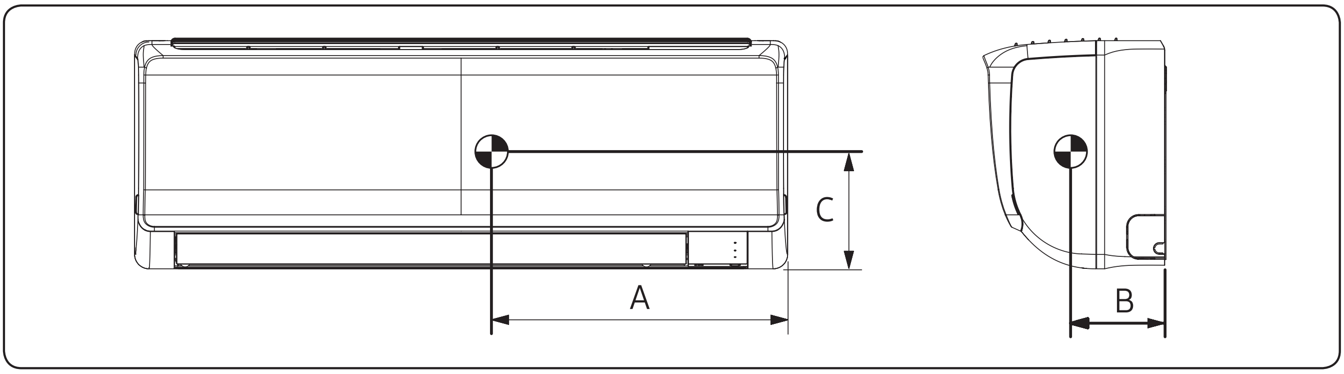
Unit : mm



Model	A	B	C
2.0/2.5/3.5kW	380	100	155

3 New Boracay : AR07/09/12NXFHBWKN**

Unit : mm

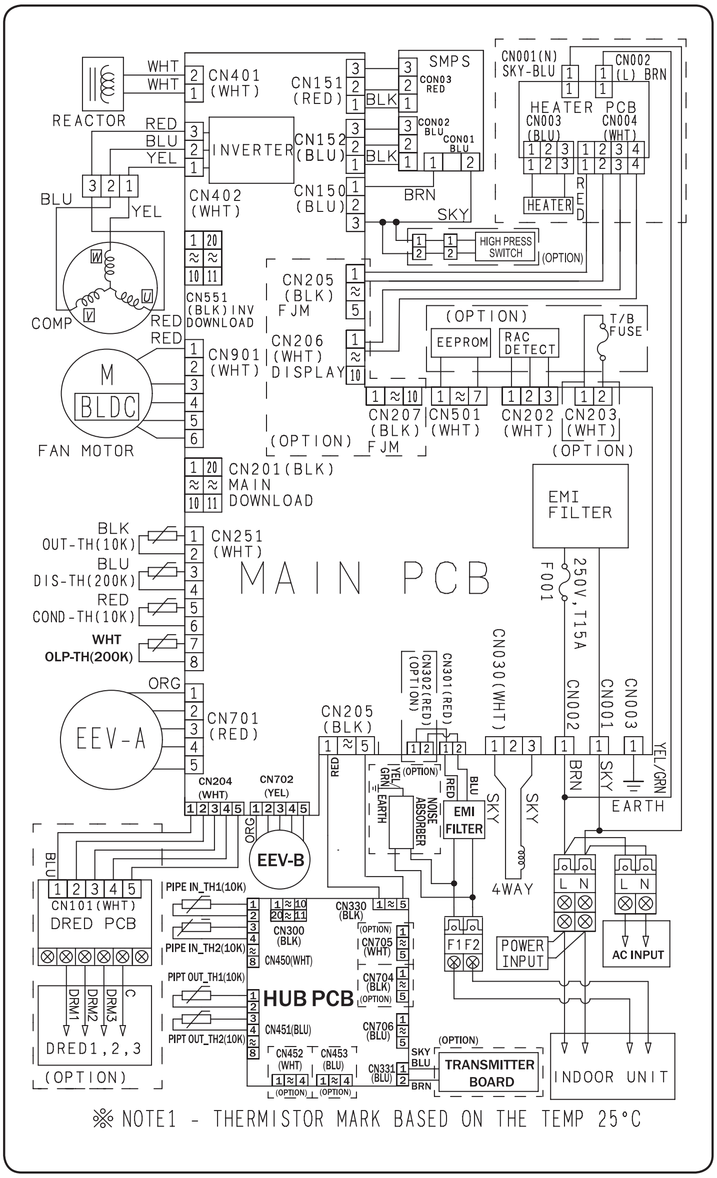


Model	A	B	C
2.0/2.5/3.5kW	375	105	155

7. Electrical Wiring Diagram

7-1 Outdoor unit

1 AJ040/050NCJ2EG/EU



MAIN PCB	Printed circuit board(MAIN PCB)
HUB PCB	Printed circuit board(HUB PCB)
DRED	Printed circuit board(DRED PCB)
RAC DETECT	Printed circuit board(RAC DETECT PCB)
HEATER	Printed circuit board(HEATER PCB)
SMPS	Printed circuit board(SMPS PCB)
EEPROM PCB	Printed circuit board(EEPROM PCB)
EMI FILTER	Printed circuit board(EMI FILTER PCB)
NOISE ABSORBER	Printed circuit board(NOISE ABSORBER PCB)
DIS-TH	Thermistor(Discharge Temp._200Kohm)
OUT-TH	Thermistor(AmbientTemp._10Kohm)
OLP-TH	Thermistor(Compressor Top Temp._200Kohm)
COND-TH	Thermistor(Cond Out Temp._10Kohm)
BLDC	Motor(BLDC FAN Motor)
EEV-A	Electronic expansion valve A
EEV-B	Electronic expansion valve B
COMP	Motor(COMPRESSOR)
4- WAY	4WAY VALVE
PIPE IN_TH1	Thermistor(EVA IN Temp._10Kohm)
PIPE IN_TH2	Thermistor(EVA IN Temp._10Kohm)
PIPE OUT_TH1	Thermistor(EVA OUT Temp._10Kohm)
PIPE OUT_TH2	Thermistor(EVA OUT Temp._10Kohm

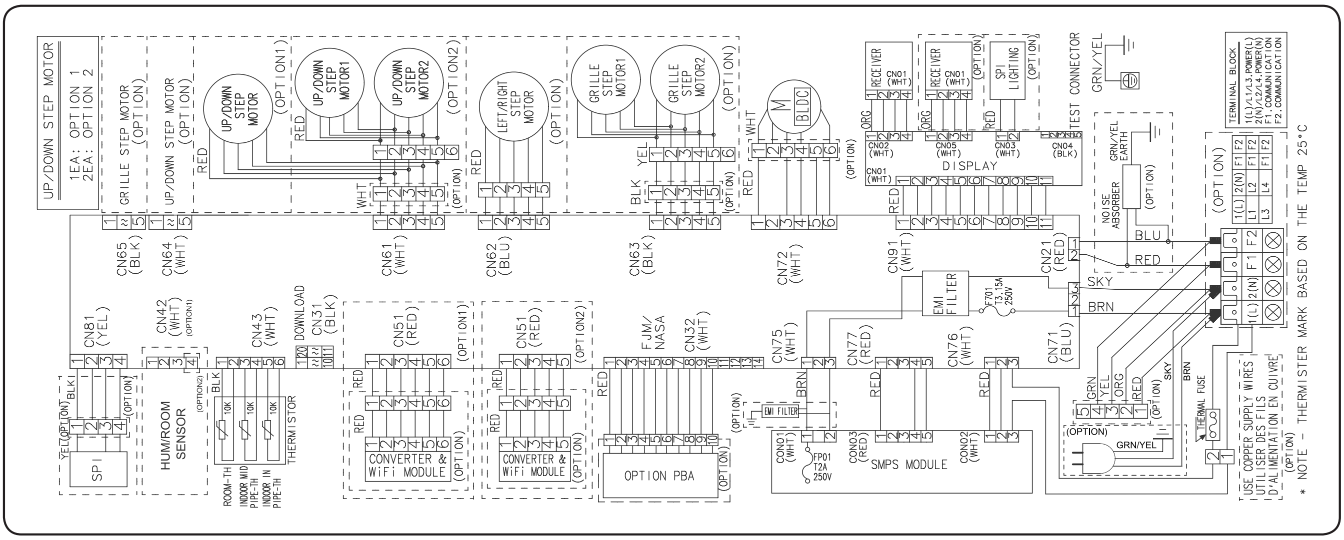
NOTE

- 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 3(C), refer to the installation manual
- ⏚ Protective earth(screw)

7. Electrical Wiring Diagram

7-2 Indoor unit

1 A3050 (Good1, Wind-Free)



SPI	LOAD(SPI)	GRILLE STEP MOTOR	Motor(STEP MOTOR)
ROOM TH	Thermistor(Room Temp._10Kohm)	LEFT/RIGHT STEP MOTOR	Motor(STEP MOTOR)
INDOOR MID PIPE-TH	Thermistor(EVA MID Temp._10Kohm)	HUM/ROOM SENSOR	SENSOR(HUMIDITY/ROOM)
INDOOR IN PIPE-TH	Thermistor(EVA IN Temp._10Kohm)	UP/DOWN STEP MOTOR	Motor(STEP MOTOR)
RECEIVER	Printed circuit board(RECEIVER BOARD)	THERMAL FUSE	Terminal Block Thermal Fuse
DISPLAY	Printed circuit board(DISPLAY BOARD)	WIFI MODULE	LOAD(WIFI MODULE)
BLDC	Motor(BLDC FAN MOTOR)	SMPS MODULE	Printed circuit board(Power Supply)

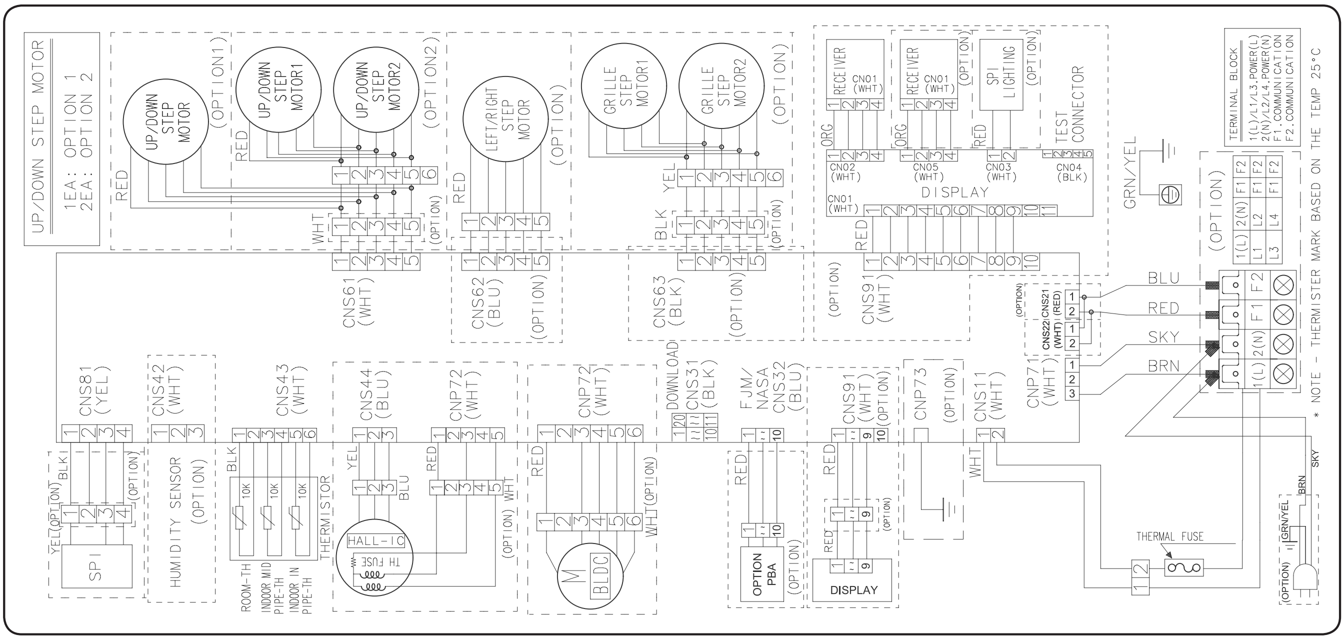
NOTE

- 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 3(C), refer to the installation manual
- Protective earth(screw)

7. Electrical Wiring Diagram

7-2 Indoor unit

2 Maldives, New Boracay



SPI	LOAD(SPI)	**GRILLE STEP MOTOR**	Motor(STEP MOTOR)
ROOM TH	Thermistor(Room Temp._10Kohm)	**LEFT/RIGHT STEP MOTOR**	Motor(STEP MOTOR)
INDOOR MID PIPE-TH	Thermistor(EVA MID Temp._10Kohm)	**UP/DOWN STEP MOTOR**	Motor(STEP MOTOR)
INDOOR IN PIPE-TH	Thermistor(EVA IN Temp._10Kohm)	**THERMAL FUSE**	Terminal Block Thermal Fuse
RECEIVER	Printed circuit board(RECEIVER BOARD)	**WIFI MODULE**	LOAD(WIFI MODULE)
DISPLAY	Printed circuit board(DISPLAY BOARD)	**SMPS MODULE**	Printed circuit board(Power Supply)
BLDC	Motor(BLDC FAN MOTOR)	**HUMIDITY SENSOR**	SENSOR(HUMIDITY)
HALL IC	Motor(AC FAN MOTOR)		

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 3(C), refer to the installation manual
- ⏚ Protective earth(screw)

8. Sound Data

Summary

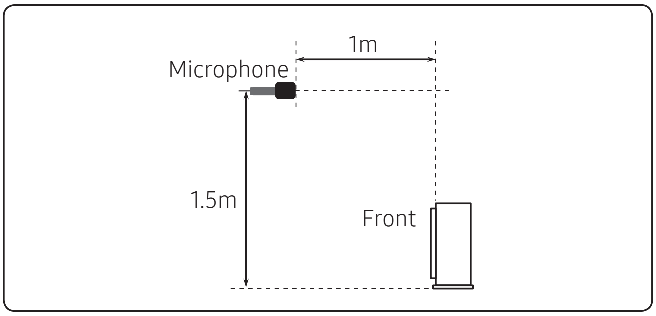
Outdoor	Capacity (Cooling, kW)	Model	Sound Pressure dB(A)	Sound Power dB(A)
	4.0	AJ040NCJ2EG**	45	60
	5.0	AJ050NCJ2EG**	46	61

Indoor	Capacity (Cooling, kW)	Model	Sound Pressure dB(A)	Sound Power dB(A)
A3050 Good1	2.0	AR07*XWSA**N**	37/27/22	54
	2.5	AR09*XWSA**N**	37/27/22	54
	3.5	AR12*XWSA**N**	38/28/22	56
Maldives	2.0	AR07NXFPEWQN**	38/28/21	56
	2.5	AR09NXFPEWQN**	38/28/21	56
	3.5	AR12NXFPEWQN**	42/33/23	59
New Boracay	2.0	AR07NXFHBWKN**	38/30/21	56
	2.5	AR09NXFHBWKN**	38/30/21	56
	3.5	AR12NXFHBWKN**	42/33/21	59
Wind-Free	2.0	AR07NX*X*WKN**	37/30/22	56
	2.5	AR09NX*X*WKN**	37/30/22	56
	3.5	AR12NX*X*WKN**	38/31/22	58

8. Sound Data

Sound Pressure level

8-1. Outdoor unit

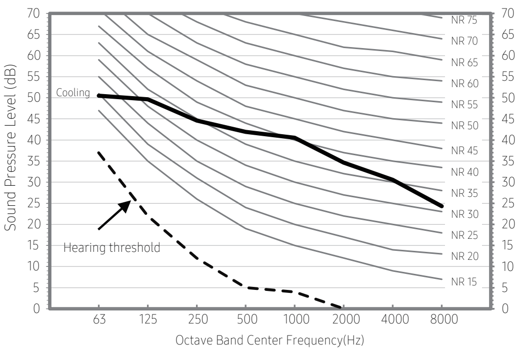


Unit: dB(A)

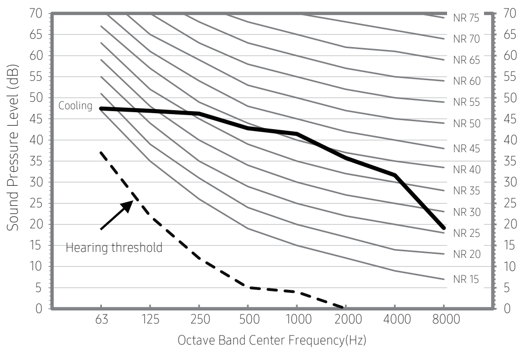
Model	dBA
AJ040NCJ2EG**	45
AJ050NCJ2EG**	46

- NR Curve

1) AJ040NCJ2EG**



2) AJ050NCJ2EG**



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

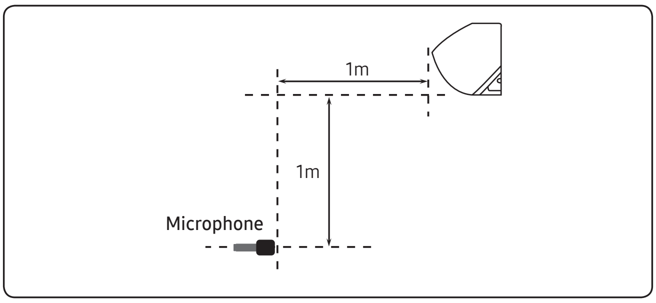
8. Sound Data

Sound Pressure level

8-2. Indoor unit

1 Wall Mounted Type : A3050 Good1

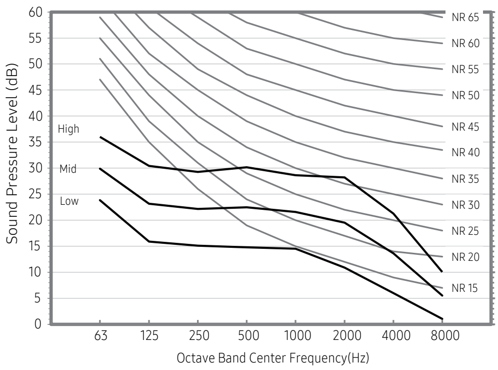
Unit: dB(A)



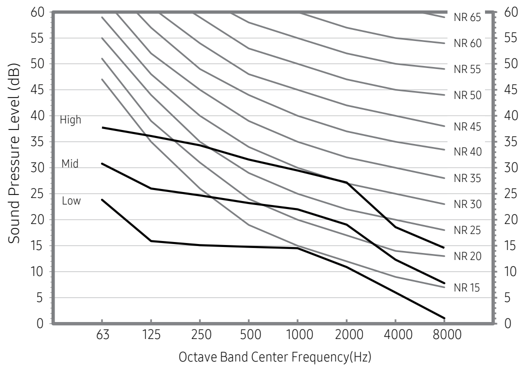
Model	High	Mid	Low
AR07*XWSA**N**	37	27	22
AR09*XWSA**N**	37	27	22
AR12*XWSA**N**	38	28	22

- NR Curve

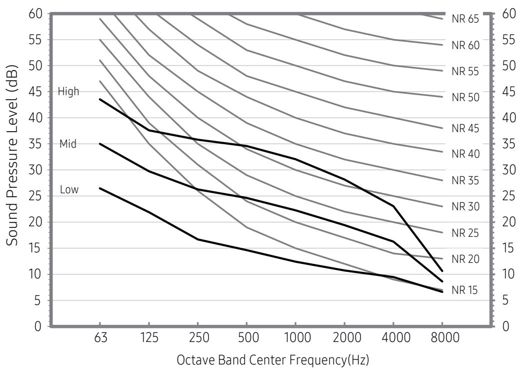
1) AR07*XWSA**N**



2) AR09*XWSA**N**



3) AR12*XWSA**N**



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

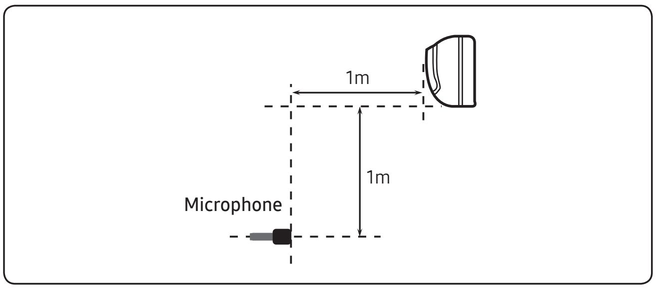
8. Sound Data

Sound Pressure level

8-2. Indoor unit

2 Wall Mounted Type : Maldives

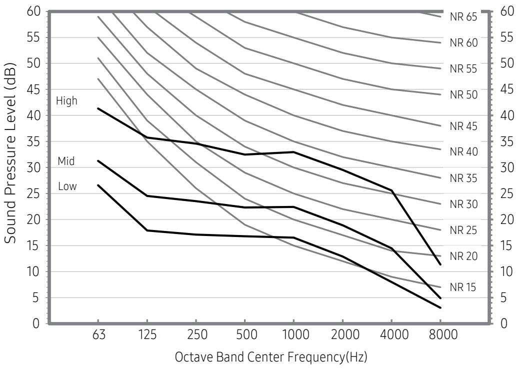
Unit: dB(A)



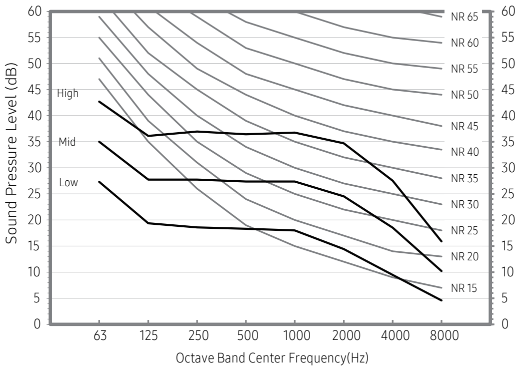
Model	High	Mid	Low
AR07NXFPEWQN**	38	28	21
AR09NXFPEWQN**	38	28	21
AR12NXFPEWQN**	42	33	23

- NR Curve

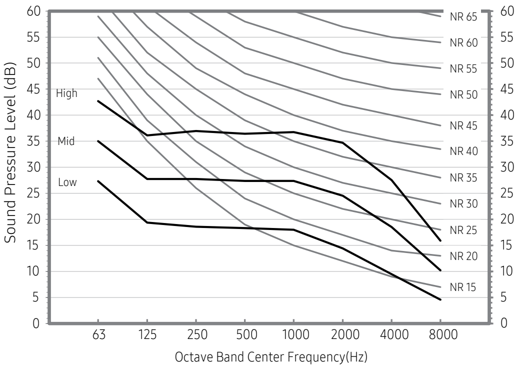
1) AR07NXFPEWQN**



2) AR09NXFPEWQN**



3) AR12NXFPEWQN**



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

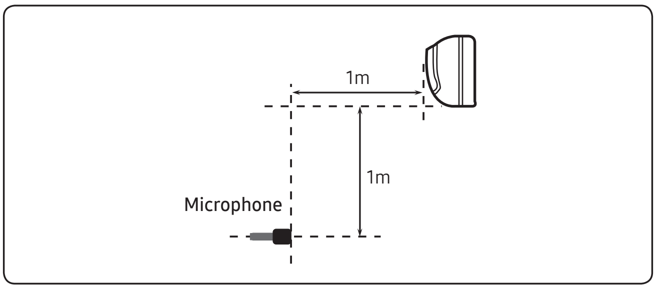
8. Sound Data

Sound Pressure level

8-2. Indoor unit

3 Wall Mounted Type : New Boracay

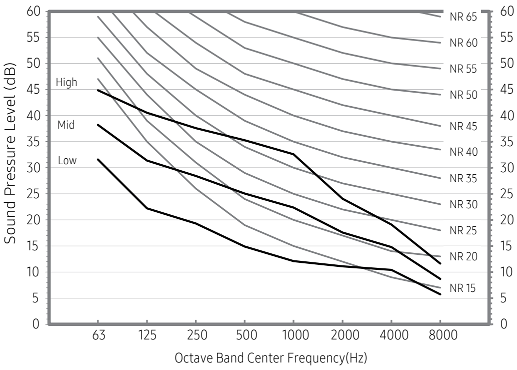
Unit: dB(A)



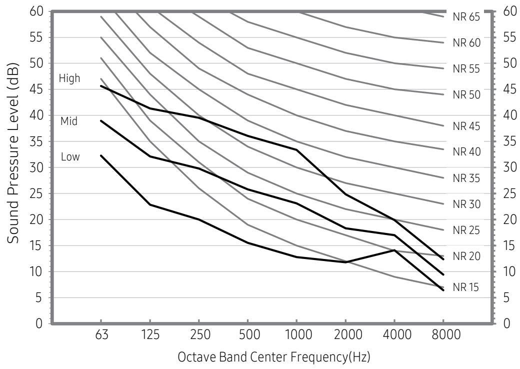
Model	High	Mid	Low
AR07NXFHBWKN**	38	30	21
AR09NXFHBWKN**	38	30	21
AR12NXFHBWKN**	42	33	21

- NR Curve

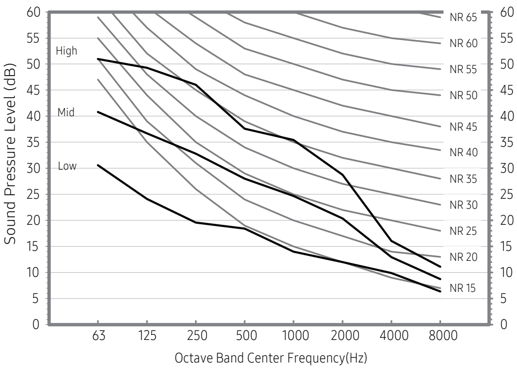
1) AR07NXFHBWKN**



2) AR09NXFHBWKN**



3) AR12NXFHBWKN**



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

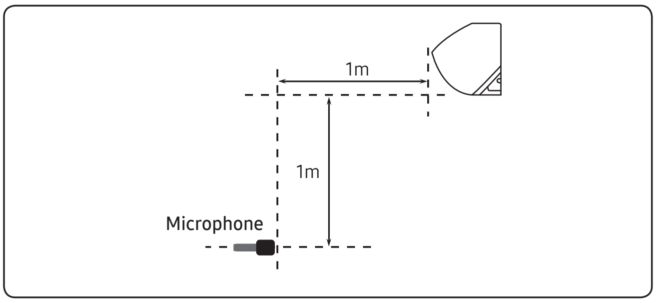
8. Sound Data

Sound Pressure level

8-2. Indoor unit

4 Wall Mounted Type : Wind-Free (A3050)

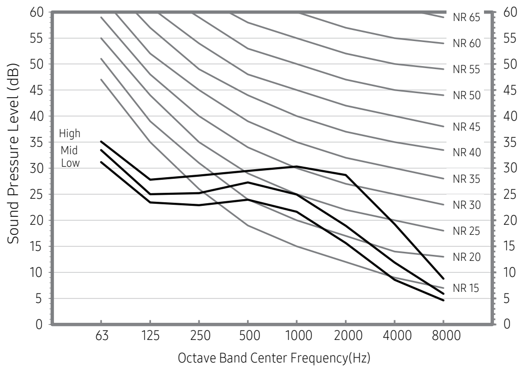
Unit: dB(A)



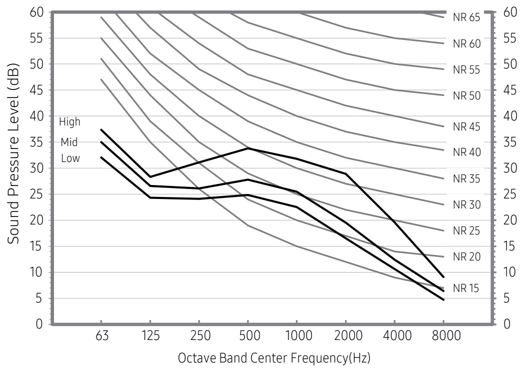
Model	High	Mid	Low
AR07NX*X*WKN**	37	30	22
AR09NX*X*WKN**	37	30	22
AR12NX*X*WKN**	38	31	22

- NR Curve

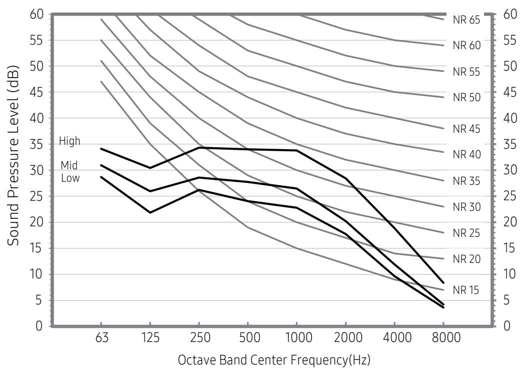
1) AR07NX*X*WKN**



2) AR09NX*X*WKN**



3) AR12NX*X*WKN**



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

Sound Pressure level

8-3. Outdoor unit

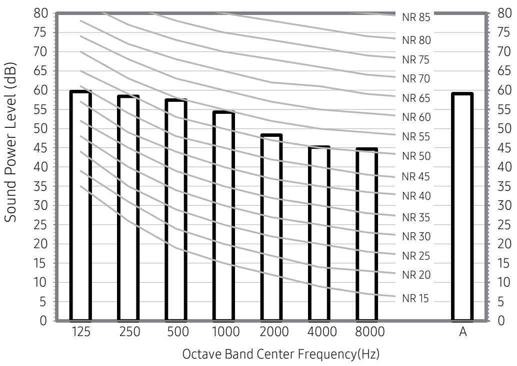
NOTE

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

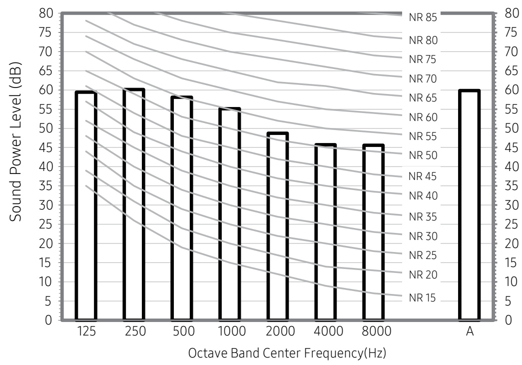
Unit: dB(A)

Model	Power
AJ040NCJ2EG**	60
AJ050NCJ2EG**	61

1) AJ040NCJ2EG**



2) AJ050NCJ2EG**



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

Sound Pressure level

8-4. Indoor unit

1 Wall Mounted Type : A3050 Good1

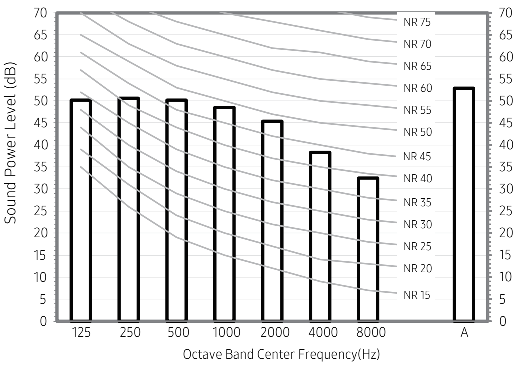
NOTE

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

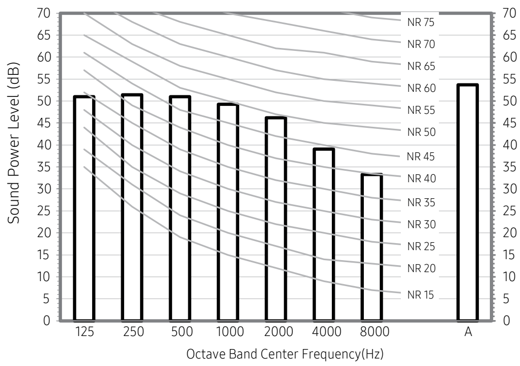
Unit: dB(A)

Model	Power
AR07*XWSA**N**	54
AR09*XWSA**N**	54
AR12*XWSA**N**	56

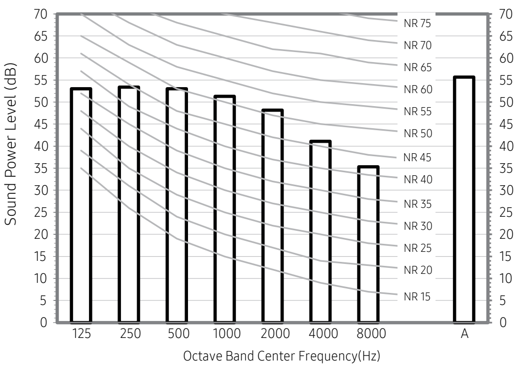
1) AR07*XWSA**N**



2) AR09*XWSA**N**



3) AR12*XWSA**N**



8. Sound Data

Sound Pressure level

8-4. Indoor unit

2 Wall Mounted Type : Maldives

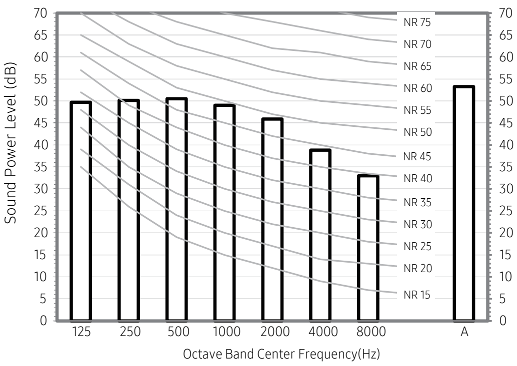
Unit: dB(A)

NOTE

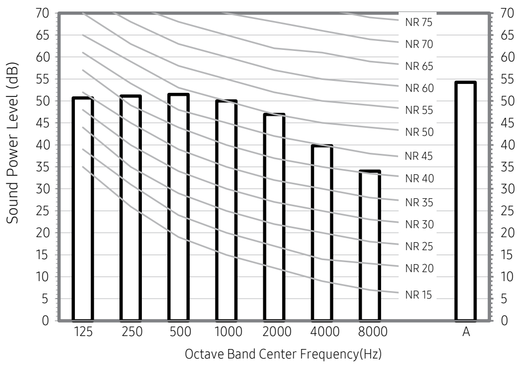
- Specifications may be subject to change without prior notice
  - Sound power level is an absolute value that a sound source generates.
  - dBA = A-weighted sound power level.
  - Reference power : 1pW.
  - Measured according to ISO 3741.

Model	Power
AR07NXFPEWQN**	56
AR09NXFPEWQN**	56
AR12NXFPEWQN**	59

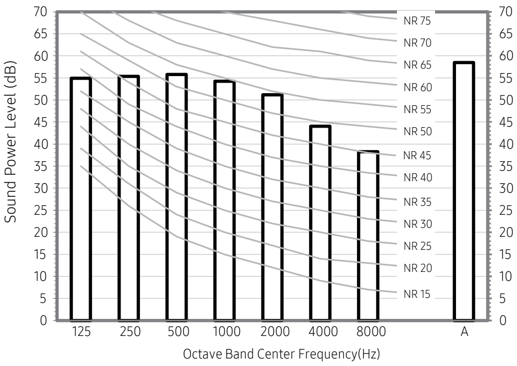
1) AR07NXFPEWQN**



2) AR09NXFPEWQN**



3) AR12NXFPEWQN**



8. Sound Data

Sound Pressure level

8-4. Indoor unit

3 Wall Mounted Type : New Boracay

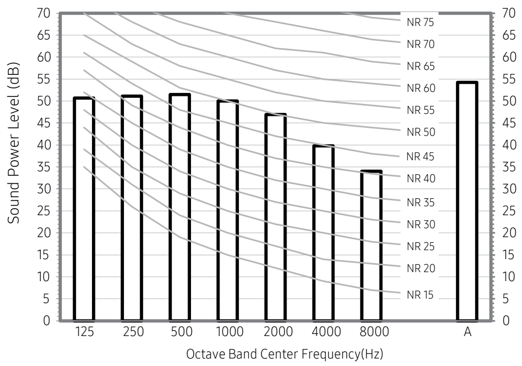
Unit: dB(A)

NOTE

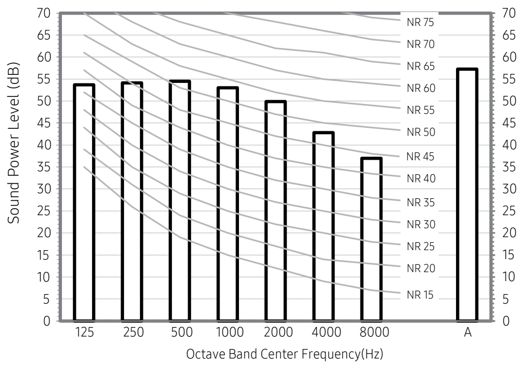
- Specifications may be subject to change without prior notice
  - Sound power level is an absolute value that a sound source generates.
  - dBA = A-weighted sound power level.
  - Reference power : 1pW.
  - Measured according to ISO 3741.

Model	Power
AR07NXFHBWKN**	56
AR09NXFHBWKN**	56
AR12NXFHBWKN**	59

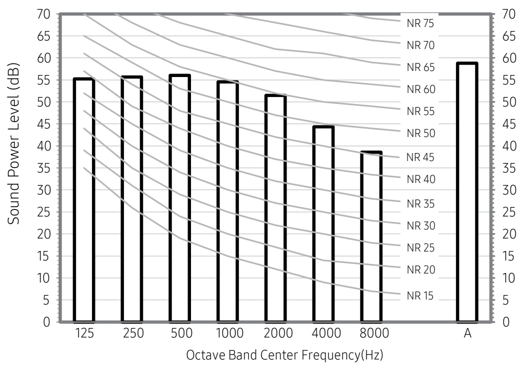
1) AR07NXFHBWKN**



2) AR09NXFHBWKN**



3) AR12NXFHBWKN**



8. Sound Data

Sound Pressure level

8-4. Indoor unit

4 Wall Mounted Type : Wind-Free

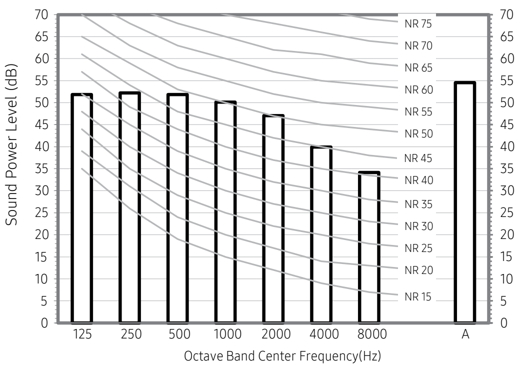
Unit: dB(A)

NOTE

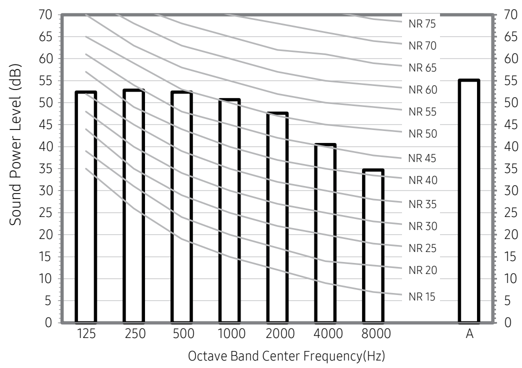
- Specifications may be subject to change without prior notice
  - Sound power level is an absolute value that a sound source generates.
  - dBA = A-weighted sound power level.
  - Reference power : 1pW.
  - Measured according to ISO 3741.

Model	Power
AR07NX*X*WKN**	56
AR09NX*X*WKN**	56
AR12NX*X*WKN**	58

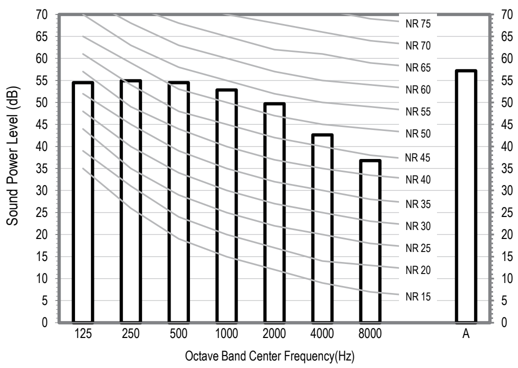
1) AR07NX*X*WKN**



2) AR09NX*X*WKN**

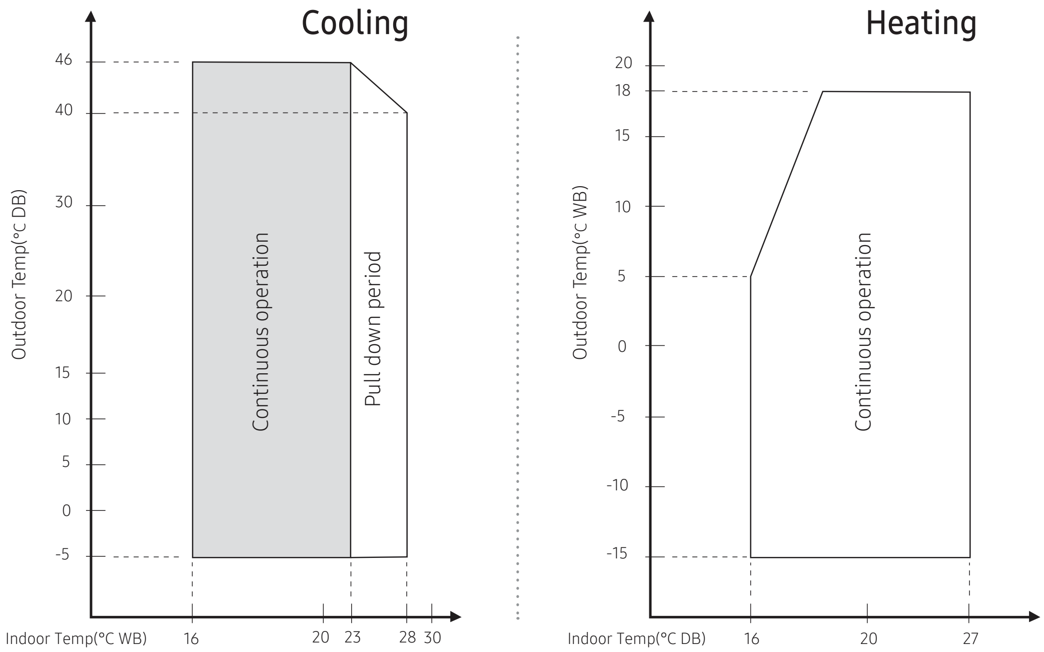


3) AR12NX*X*WKN**



9. Operation Range

AJ040NCJ2EG**, AJ050NCJ2EG**

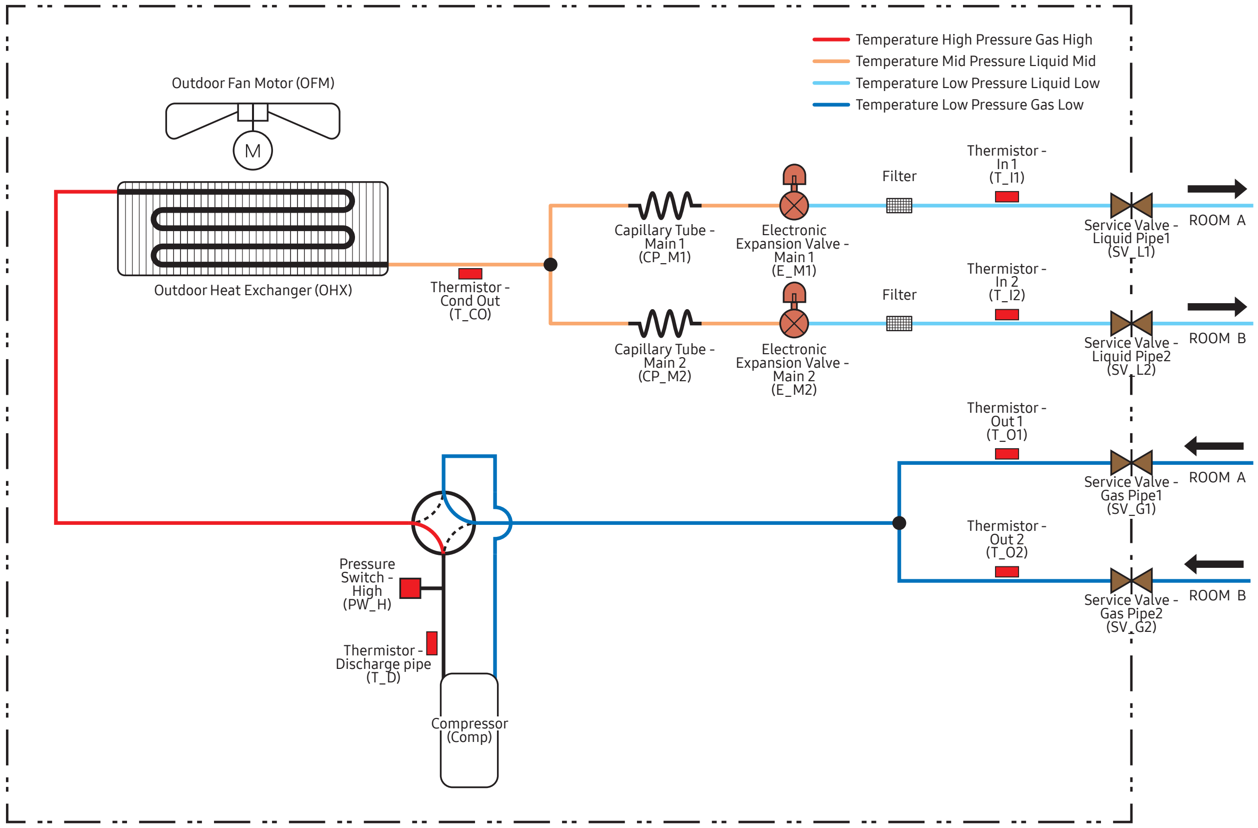


The graphs are based on the following conditions.

1. Equivalent piping length
   AJ040/050NCJ2EG** : 5m
2. Level difference 0m
3. Air flow rate High

10. Piping Diagram

AJ040NCJ2EG**, AJ050NCJ2EG**



11. Capacity Table

11-1. AJ040NCJ2EG/EU

Cooling

Combination (Capacity Index)				Combination (Total)	Combination (%)	Outdoor Temperature (°C,DB)	Indoor Temperature(°C, WB)													
							14		16		18		19		20		22		24	
							TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
2000				2000	50%	10	1.68	0.31	2.43	0.35	2.54	0.38	2.59	0.39	2.64	0.40	2.74	0.42	2.85	0.44
						12	1.68	0.33	2.39	0.36	2.50	0.39	2.55	0.40	2.60	0.41	2.70	0.43	2.81	0.45
						14	1.68	0.34	2.36	0.37	2.46	0.40	2.51	0.41	2.56	0.42	2.66	0.44	2.76	0.45
						16	1.68	0.36	2.32	0.39	2.42	0.41	2.47	0.43	2.52	0.44	2.62	0.45	2.72	0.46
						18	1.68	0.37	2.28	0.40	2.38	0.43	2.43	0.44	2.48	0.45	2.58	0.46	2.68	0.47
						20	1.68	0.39	2.24	0.41	2.34	0.44	2.39	0.45	2.44	0.46	2.54	0.47	2.64	0.48
						21	1.68	0.39	2.22	0.42	2.32	0.45	2.37	0.46	2.42	0.46	2.52	0.48	2.62	0.49
						23	1.68	0.41	2.18	0.44	2.28	0.46	2.33	0.47	2.38	0.48	2.48	0.49	2.58	0.50
						25	1.68	0.42	2.15	0.45	2.24	0.47	2.29	0.48	2.34	0.49	2.44	0.50	2.54	0.51
						27	1.68	0.44	2.11	0.47	2.20	0.49	2.25	0.49	2.30	0.50	2.40	0.51	2.50	0.52
						29	1.68	0.46	2.07	0.48	2.17	0.50	2.21	0.51	2.26	0.51	2.36	0.52	2.46	0.53
						31	1.68	0.47	2.03	0.50	2.13	0.51	2.18	0.52	2.22	0.53	2.32	0.53	2.42	0.54
						33	1.68	0.49	1.99	0.51	2.09	0.53	2.14	0.53	2.19	0.54	2.28	0.55	2.38	0.55
						35	1.68	0.51	1.96	0.53	2.05	0.54	2.10	0.54	2.15	0.55	2.24	0.56	2.34	0.56
						37	1.68	0.52	1.92	0.54	2.01	0.56	2.06	0.56	2.11	0.57	2.20	0.57	2.30	0.57
						39	1.68	0.54	1.88	0.56	1.98	0.57	2.02	0.58	2.07	0.58	2.16	0.58	2.26	0.58
						42	1.66	0.57	1.83	0.58	1.92	0.59	1.97	0.60	2.01	0.60	2.11	0.60	2.20	0.60
						44	1.58	0.58	1.79	0.60	1.88	0.61	1.93	0.61	1.97	0.61	2.07	0.61	2.16	0.61
						46	1.53	0.60	1.75	0.62	1.84	0.62	1.89	0.63	1.94	0.63	2.03	0.63	2.12	0.62
2500				2500	63%	10	2.00	0.43	2.90	0.48	3.02	0.52	3.08	0.54	3.14	0.56	3.26	0.59	3.39	0.61
						12	2.00	0.45	2.85	0.50	2.97	0.54	3.03	0.56	3.09	0.57	3.22	0.60	3.34	0.62
						14	2.00	0.47	2.80	0.52	2.93	0.56	2.99	0.57	3.05	0.59	3.17	0.61	3.29	0.63
						16	2.00	0.49	2.76	0.54	2.88	0.57	2.94	0.59	3.00	0.60	3.12	0.63	3.24	0.64
						18	2.00	0.51	2.71	0.56	2.83	0.59	2.89	0.61	2.95	0.62	3.07	0.64	3.19	0.66
						20	2.00	0.54	2.67	0.58	2.79	0.61	2.85	0.62	2.90	0.64	3.02	0.66	3.14	0.67
						21	2.00	0.55	2.64	0.59	2.76	0.62	2.82	0.63	2.88	0.64	3.00	0.66	3.12	0.67
						23	2.00	0.57	2.60	0.61	2.72	0.64	2.78	0.65	2.83	0.66	2.95	0.68	3.07	0.69
						25	2.00	0.59	2.55	0.63	2.67	0.66	2.73	0.67	2.79	0.68	2.91	0.69	3.02	0.70
						27	2.00	0.61	2.51	0.65	2.62	0.67	2.68	0.69	2.74	0.69	2.86	0.71	2.98	0.72
						29	2.00	0.63	2.46	0.67	2.58	0.69	2.64	0.70	2.69	0.71	2.81	0.72	2.93	0.73
						31	2.00	0.66	2.42	0.69	2.53	0.71	2.59	0.72	2.65	0.73	2.76	0.74	2.88	0.74
						33	2.00	0.68	2.37	0.71	2.49	0.73	2.54	0.74	2.60	0.75	2.72	0.76	2.83	0.76
						35	2.00	0.70	2.33	0.73	2.44	0.75	2.50	0.75	2.56	0.77	2.67	0.77	2.78	0.77
						37	2.00	0.73	2.29	0.75	2.40	0.77	2.45	0.78	2.51	0.79	2.62	0.79	2.74	0.79
						39	2.00	0.75	2.24	0.77	2.35	0.79	2.41	0.80	2.46	0.80	2.58	0.81	2.69	0.81
						42	1.98	0.79	2.18	0.81	2.29	0.82	2.34	0.83	2.40	0.83	2.51	0.83	2.62	0.83
						44	1.88	0.81	2.13	0.83	2.24	0.85	2.30	0.85	2.35	0.85	2.46	0.85	2.57	0.85
						46	1.83	0.83	2.09	0.85	2.20	0.87	2.25	0.87	2.30	0.87	2.41	0.87	2.53	0.86

11. Capacity Table

Combination (Capacity Index)				Combination (Total)	Combination (%)	Outdoor Temperature (°C,DB)	Indoor Temperature(°C, WB)													
							14		16		18		19		20		22		24	
							TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
3500				3500	88%	10	2.80	0.61	4.06	0.68	4.23	0.74	4.31	0.77	4.40	0.79	4.57	0.83	4.74	0.86
						12	2.80	0.64	3.99	0.71	4.16	0.76	4.25	0.79	4.33	0.81	4.50	0.85	4.68	0.87
						14	2.80	0.67	3.93	0.73	4.10	0.79	4.18	0.81	4.26	0.83	4.44	0.87	4.61	0.89
						16	2.80	0.70	3.86	0.76	4.03	0.81	4.11	0.83	4.20	0.85	4.37	0.89	4.54	0.91
						18	2.80	0.73	3.80	0.79	3.96	0.84	4.05	0.86	4.13	0.88	4.30	0.91	4.47	0.93
						20	2.80	0.76	3.73	0.81	3.90	0.86	3.98	0.88	4.07	0.90	4.23	0.93	4.40	0.94
						21	2.80	0.77	3.70	0.83	3.87	0.87	3.95	0.89	4.03	0.91	4.20	0.94	4.37	0.95
						23	2.80	0.80	3.64	0.86	3.80	0.90	3.89	0.92	3.97	0.93	4.13	0.96	4.30	0.97
						25	2.80	0.83	3.58	0.88	3.74	0.93	3.82	0.94	3.90	0.96	4.07	0.98	4.23	0.99
						27	2.80	0.86	3.51	0.91	3.67	0.95	3.76	0.97	3.84	0.98	4.00	1.00	4.17	1.01
						29	2.80	0.89	3.45	0.94	3.61	0.98	3.69	0.99	3.77	1.01	3.93	1.02	4.10	1.03
						31	2.80	0.93	3.39	0.97	3.55	1.01	3.63	1.02	3.71	1.03	3.87	1.05	4.03	1.05
						33	2.80	0.96	3.32	1.00	3.48	1.03	3.56	1.05	3.64	1.06	3.80	1.07	3.97	1.07
						35	2.80	0.99	3.26	1.03	3.42	1.06	3.50	1.06	3.58	1.08	3.74	1.09	3.90	1.09
						37	2.80	1.03	3.20	1.06	3.36	1.09	3.43	1.10	3.51	1.11	3.67	1.12	3.83	1.12
						39	2.80	1.06	3.14	1.09	3.29	1.12	3.37	1.13	3.45	1.14	3.61	1.14	3.77	1.14
						42	2.77	1.11	3.05	1.14	3.20	1.17	3.28	1.17	3.35	1.18	3.51	1.18	3.67	1.17
						44	2.63	1.14	2.98	1.18	3.14	1.20	3.21	1.20	3.29	1.21	3.45	1.21	3.60	1.20
						46	2.56	1.18	2.92	1.21	3.07	1.23	3.15	1.23	3.23	1.23	3.38	1.23	3.54	1.22
2000	2000			4000	100%	10	3.53	0.63	4.99	0.65	5.08	0.66	5.14	0.67	5.20	0.68	5.35	0.69	5.52	0.71
						12	3.53	0.65	4.85	0.66	4.95	0.68	5.01	0.69	5.08	0.69	5.23	0.71	5.41	0.72
						14	3.53	0.66	4.72	0.68	4.83	0.70	4.89	0.70	4.96	0.71	5.12	0.72	5.31	0.74
						16	3.53	0.68	4.60	0.70	4.71	0.71	4.78	0.72	4.85	0.73	5.02	0.74	5.21	0.76
						18	3.53	0.70	4.48	0.71	4.60	0.73	4.67	0.74	4.75	0.74	4.92	0.76	5.12	0.77
						20	3.53	0.72	4.36	0.73	4.49	0.75	4.57	0.75	4.65	0.76	4.83	0.78	5.03	0.79
						21	3.53	0.73	4.31	0.74	4.44	0.76	4.52	0.76	4.60	0.77	4.78	0.78	4.99	0.80
						23	3.53	0.74	4.20	0.76	4.34	0.77	4.42	0.78	4.51	0.79	4.70	0.80	4.91	0.82
						25	3.53	0.76	4.10	0.78	4.25	0.79	4.33	0.80	4.42	0.81	4.62	0.82	4.84	0.84
						27	3.53	0.78	4.01	0.80	4.16	0.81	4.25	0.82	4.34	0.83	4.55	0.84	4.78	0.85
						29	3.53	0.80	3.92	0.82	4.08	0.83	4.17	0.84	4.27	0.85	4.48	0.86	4.72	0.87
						31	3.53	0.82	3.84	0.84	4.01	0.85	4.10	0.86	4.20	0.87	4.42	0.88	4.66	0.89
						33	3.53	0.84	3.76	0.86	3.94	0.87	4.03	0.88	4.13	0.89	4.36	0.90	4.61	0.91
						35	3.53	0.87	3.69	0.88	3.87	0.90	4.00	0.90	4.08	0.91	4.31	0.92	4.57	0.94
						37	3.53	0.89	3.62	0.90	3.81	0.92	3.91	0.92	4.02	0.93	4.26	0.94	4.53	0.96
						39	3.53	0.91	3.56	0.92	3.76	0.94	3.86	0.95	3.98	0.95	4.22	0.97	4.49	0.98
						42	3.53	0.94	3.48	0.96	3.69	0.97	3.80	0.98	3.92	0.99	4.17	1.00	4.46	1.01
						44	3.53	0.97	3.44	0.98	3.65	1.00	3.76	1.00	3.89	1.01	4.15	1.02	4.44	1.04
						46	3.53	0.99	3.39	1.01	3.61	1.02	3.73	1.03	3.86	1.03	4.13	1.05	4.42	1.06

11. Capacity Table

Combination (Capacity Index)				Combination (Total)	Combination (%)	Outdoor Temperature (°C,DB)	Indoor Temperature(°C, WB)													
							14		16		18		19		20		22		24	
							TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
2000	2500			4500	113%	10	3.53	0.65	4.99	0.66	5.08	0.68	5.14	0.69	5.20	0.69	5.35	0.71	5.52	0.72
						12	3.53	0.66	4.85	0.68	4.95	0.69	5.01	0.70	5.08	0.71	5.23	0.72	5.41	0.74
						14	3.53	0.68	4.72	0.70	4.83	0.71	4.89	0.72	4.96	0.73	5.12	0.74	5.31	0.75
						16	3.53	0.70	4.60	0.71	4.71	0.73	4.78	0.74	4.85	0.74	5.02	0.76	5.21	0.77
						18	3.53	0.71	4.48	0.73	4.60	0.75	4.67	0.75	4.75	0.76	4.92	0.78	5.12	0.79
						20	3.53	0.73	4.36	0.75	4.49	0.76	4.57	0.77	4.65	0.78	4.83	0.79	5.03	0.81
						21	3.53	0.74	4.31	0.76	4.44	0.77	4.52	0.78	4.60	0.79	4.78	0.80	4.99	0.82
						23	3.53	0.76	4.20	0.78	4.34	0.79	4.42	0.80	4.51	0.81	4.70	0.82	4.91	0.83
						25	3.53	0.78	4.10	0.80	4.25	0.81	4.33	0.82	4.42	0.83	4.62	0.84	4.84	0.85
						27	3.53	0.80	4.01	0.82	4.16	0.83	4.25	0.84	4.34	0.85	4.55	0.86	4.78	0.87
						29	3.53	0.82	3.92	0.84	4.08	0.85	4.17	0.86	4.27	0.87	4.48	0.88	4.72	0.89
						31	3.53	0.84	3.84	0.86	4.01	0.87	4.10	0.88	4.20	0.89	4.42	0.90	4.66	0.91
						33	3.53	0.86	3.76	0.88	3.94	0.89	4.03	0.90	4.13	0.91	4.36	0.92	4.61	0.94
						35	3.53	0.88	3.69	0.90	3.87	0.91	4.00	0.92	4.08	0.93	4.31	0.94	4.57	0.96
						37	3.53	0.91	3.62	0.92	3.81	0.94	3.91	0.94	4.02	0.95	4.26	0.97	4.53	0.98
						39	3.53	0.93	3.56	0.94	3.76	0.96	3.86	0.97	3.98	0.97	4.22	0.99	4.49	1.00
						42	3.53	0.96	3.48	0.98	3.69	0.99	3.80	1.00	3.92	1.01	4.17	1.02	4.46	1.04
						44	3.53	0.99	3.44	1.00	3.65	1.02	3.76	1.03	3.89	1.03	4.15	1.05	4.44	1.06
						46	3.53	1.01	3.39	1.03	3.61	1.04	3.73	1.05	3.86	1.06	4.13	1.07	4.42	1.08
2000	3500			5500	138%	10	3.53	0.65	4.99	0.67	5.08	0.69	5.14	0.69	5.20	0.70	5.35	0.72	5.52	0.73
						12	3.53	0.67	4.85	0.69	4.95	0.70	5.01	0.71	5.08	0.72	5.23	0.73	5.41	0.75
						14	3.53	0.69	4.72	0.70	4.83	0.72	4.89	0.73	4.96	0.73	5.12	0.75	5.31	0.76
						16	3.53	0.70	4.60	0.72	4.71	0.74	4.78	0.74	4.85	0.75	5.02	0.77	5.21	0.78
						18	3.53	0.72	4.48	0.74	4.60	0.75	4.67	0.76	4.75	0.77	4.92	0.78	5.12	0.80
						20	3.53	0.74	4.36	0.76	4.49	0.77	4.57	0.78	4.65	0.79	4.83	0.80	5.03	0.82
						21	3.53	0.75	4.31	0.77	4.44	0.78	4.52	0.79	4.60	0.80	4.78	0.81	4.99	0.83
						23	3.53	0.77	4.20	0.78	4.34	0.80	4.42	0.81	4.51	0.82	4.70	0.83	4.91	0.84
						25	3.53	0.79	4.10	0.80	4.25	0.82	4.33	0.83	4.42	0.83	4.62	0.85	4.84	0.86
						27	3.53	0.81	4.01	0.82	4.16	0.84	4.25	0.85	4.34	0.85	4.55	0.87	4.78	0.88
						29	3.53	0.83	3.92	0.85	4.08	0.86	4.17	0.87	4.27	0.88	4.48	0.89	4.72	0.90
						31	3.53	0.85	3.84	0.87	4.01	0.88	4.10	0.89	4.20	0.90	4.42	0.91	4.66	0.92
						33	3.53	0.87	3.76	0.89	3.94	0.90	4.03	0.91	4.13	0.92	4.36	0.93	4.61	0.95
						35	3.53	0.89	3.69	0.91	3.87	0.92	4.00	0.93	4.08	0.94	4.31	0.95	4.57	0.97
						37	3.53	0.92	3.62	0.93	3.81	0.95	3.91	0.95	4.02	0.96	4.26	0.98	4.53	0.99
						39	3.53	0.94	3.56	0.96	3.76	0.97	3.86	0.98	3.98	0.98	4.22	1.00	4.49	1.01
						42	3.53	0.98	3.48	0.99	3.69	1.01	3.80	1.01	3.92	1.02	4.17	1.03	4.46	1.05
						44	3.53	1.00	3.44	1.01	3.65	1.03	3.76	1.04	3.89	1.04	4.15	1.06	4.44	1.07
						46	3.53	1.02	3.39	1.04	3.61	1.05	3.73	1.06	3.86	1.07	4.13	1.08	4.42	1.10

11. Capacity Table

Combination (Capacity Index)				Combination (Total)	Combination (%)	Outdoor Temperature (°C,DB)	Indoor Temperature(°C, WB)													
							14		16		18		19		20		22		24	
							TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
2500	2500			5000	125%	10	3.53	0.66	4.99	0.68	5.08	0.69	5.14	0.70	5.20	0.71	5.35	0.72	5.52	0.74
						12	3.53	0.68	4.85	0.69	4.95	0.71	5.01	0.72	5.08	0.73	5.23	0.74	5.41	0.75
						14	3.53	0.69	4.72	0.71	4.83	0.73	4.89	0.73	4.96	0.74	5.12	0.76	5.31	0.77
						16	3.53	0.71	4.60	0.73	4.71	0.74	4.78	0.75	4.85	0.76	5.02	0.77	5.21	0.79
						18	3.53	0.73	4.48	0.75	4.60	0.76	4.67	0.77	4.75	0.78	4.92	0.79	5.12	0.81
						20	3.53	0.75	4.36	0.76	4.49	0.78	4.57	0.79	4.65	0.80	4.83	0.81	5.03	0.82
						21	3.53	0.76	4.31	0.77	4.44	0.79	4.52	0.80	4.60	0.81	4.78	0.82	4.99	0.83
						23	3.53	0.78	4.20	0.79	4.34	0.81	4.42	0.82	4.51	0.82	4.70	0.84	4.91	0.85
						25	3.53	0.80	4.10	0.81	4.25	0.83	4.33	0.84	4.42	0.84	4.62	0.86	4.84	0.87
						27	3.53	0.82	4.01	0.83	4.16	0.85	4.25	0.86	4.34	0.86	4.55	0.88	4.78	0.89
						29	3.53	0.84	3.92	0.85	4.08	0.87	4.17	0.88	4.27	0.88	4.48	0.90	4.72	0.91
						31	3.53	0.86	3.84	0.88	4.01	0.89	4.10	0.90	4.20	0.91	4.42	0.92	4.66	0.93
						33	3.53	0.88	3.76	0.90	3.94	0.91	4.03	0.92	4.13	0.93	4.36	0.94	4.61	0.96
						35	3.53	0.90	3.69	0.92	3.87	0.93	4.00	0.94	4.08	0.95	4.31	0.96	4.57	0.98
						37	3.53	0.93	3.62	0.94	3.81	0.96	3.91	0.96	4.02	0.97	4.26	0.99	4.53	1.00
						39	3.53	0.95	3.56	0.97	3.76	0.98	3.86	0.99	3.98	1.00	4.22	1.01	4.49	1.02
						42	3.53	0.99	3.48	1.00	3.69	1.02	3.80	1.02	3.92	1.03	4.17	1.05	4.46	1.06
						44	3.53	1.01	3.44	1.03	3.65	1.04	3.76	1.05	3.89	1.06	4.15	1.07	4.44	1.08
						46	3.53	1.04	3.39	1.05	3.61	1.07	3.73	1.07	3.86	1.08	4.13	1.09	4.42	1.11
2500	3500			6000	150%	10	3.53	0.67	4.99	0.68	5.08	0.70	5.14	0.71	5.20	0.72	5.35	0.73	5.52	0.75
						12	3.53	0.68	4.85	0.70	4.95	0.72	5.01	0.73	5.08	0.73	5.23	0.75	5.41	0.76
						14	3.53	0.70	4.72	0.72	4.83	0.73	4.89	0.74	4.96	0.75	5.12	0.77	5.31	0.78
						16	3.53	0.72	4.60	0.74	4.71	0.75	4.78	0.76	4.85	0.77	5.02	0.78	5.21	0.80
						18	3.53	0.74	4.48	0.75	4.60	0.77	4.67	0.78	4.75	0.79	4.92	0.80	5.12	0.81
						20	3.53	0.76	4.36	0.77	4.49	0.79	4.57	0.80	4.65	0.80	4.83	0.82	5.03	0.83
						21	3.53	0.77	4.31	0.78	4.44	0.80	4.52	0.81	4.60	0.81	4.78	0.83	4.99	0.84
						23	3.53	0.79	4.20	0.80	4.34	0.82	4.42	0.83	4.51	0.83	4.70	0.85	4.91	0.86
						25	3.53	0.81	4.10	0.82	4.25	0.84	4.33	0.85	4.42	0.85	4.62	0.87	4.84	0.88
						27	3.53	0.83	4.01	0.84	4.16	0.86	4.25	0.87	4.34	0.87	4.55	0.89	4.78	0.90
						29	3.53	0.85	3.92	0.86	4.08	0.88	4.17	0.89	4.27	0.89	4.48	0.91	4.72	0.92
						31	3.53	0.87	3.84	0.88	4.01	0.90	4.10	0.91	4.20	0.92	4.42	0.93	4.66	0.94
						33	3.53	0.89	3.76	0.91	3.94	0.92	4.03	0.93	4.13	0.94	4.36	0.95	4.61	0.97
						35	3.53	0.91	3.69	0.93	3.87	0.94	4.00	0.95	4.08	0.96	4.31	0.97	4.57	0.99
						37	3.53	0.94	3.62	0.95	3.81	0.97	3.91	0.98	4.02	0.98	4.26	1.00	4.53	1.01
						39	3.53	0.96	3.56	0.98	3.76	0.99	3.86	1.00	3.98	1.01	4.22	1.02	4.49	1.03
						42	3.53	1.00	3.48	1.01	3.69	1.03	3.80	1.03	3.92	1.04	4.17	1.06	4.46	1.07
						44	3.53	1.02	3.44	1.04	3.65	1.05	3.76	1.06	3.89	1.07	4.15	1.08	4.44	1.09
						46	3.53	1.05	3.39	1.06	3.61	1.08	3.73	1.08	3.86	1.09	4.13	1.11	4.42	1.12

NOTE

- The performance table shows the average value of each conditions.
- The above is the value for connecting with the following indoor units.
  - 2000, 2500, 3500 class : AR07MXWSAWKNEU, AR09MXWSAWKNEU, AR12MXWSAWKNEU
- The total ability of connected a indoor unit is up to 6.0kW
- It is impossible to connect the indoor unit for one room only.
- This data is reference data for temperature capacity trend.

11. Capacity Table

11-1. AJ040NCJ2EG/EU

Heating

Combination (Capacity Index)				Combination (Total)	Combination (%)	Outdoor Temperature (°C,DB)	Indoor Temperature(°C, DB)													
							14		16		18		20		21		22		24	
							TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
2000				2000	50%	-15	1.37	0.62	1.33	0.63	1.29	0.64	1.28	0.64	1.26	0.64	1.23	0.65	1.21	0.66
						-10	1.65	0.65	1.60	0.66	1.56	0.67	1.54	0.67	1.52	0.68	1.49	0.69	1.47	0.69
						-5	1.92	0.68	1.87	0.69	1.83	0.70	1.81	0.71	1.79	0.71	1.75	0.72	1.73	0.73
						0	2.19	0.72	2.14	0.73	2.09	0.74	2.07	0.74	2.05	0.75	2.02	0.75	1.99	0.76
						2	2.30	0.73	2.25	0.74	2.20	0.75	2.18	0.75	2.16	0.76	2.12	0.77	2.09	0.77
						7	2.52	0.75	2.46	0.77	2.42	0.78	2.40	0.78	2.37	0.79	2.33	0.79	2.30	0.80
						10	2.74	0.78	2.68	0.79	2.63	0.80	2.61	0.81	2.59	0.81	2.54	0.82	2.51	0.83
						15	3.01	0.81	2.95	0.82	2.90	0.83	2.88	0.84	2.85	0.84	2.81	0.85	2.77	0.86
2500				2500	63%	-15	1.77	0.68	1.72	0.69	1.67	0.69	1.65	0.70	1.63	0.70	1.59	0.71	1.56	0.72
						-10	2.13	0.71	2.07	0.72	2.01	0.73	1.99	0.74	1.97	0.74	1.93	0.75	1.89	0.75
						-5	2.48	0.75	2.42	0.76	2.36	0.77	2.33	0.77	2.31	0.78	2.27	0.78	2.23	0.79
						0	2.83	0.78	2.76	0.79	2.71	0.80	2.68	0.81	2.65	0.81	2.61	0.82	2.57	0.83
						2	2.97	0.79	2.90	0.81	2.84	0.82	2.82	0.82	2.79	0.83	2.74	0.84	2.70	0.84
						7	3.25	0.82	3.18	0.83	3.12	0.85	3.10	0.85	3.06	0.86	3.01	0.87	2.97	0.87
						10	3.54	0.85	3.46	0.86	3.40	0.87	3.37	0.88	3.34	0.88	3.29	0.89	3.24	0.90
						15	3.89	0.88	3.81	0.90	3.75	0.91	3.71	0.92	3.68	0.92	3.63	0.93	3.58	0.94
3500				3500	88%	-15	2.18	0.87	2.11	0.89	2.05	0.90	2.02	0.90	1.99	0.91	1.95	0.92	1.91	0.93
						-10	2.61	0.92	2.53	0.93	2.47	0.95	2.44	0.95	2.41	0.96	2.36	0.97	2.32	0.97
						-5	3.04	0.97	2.96	0.98	2.89	0.99	2.86	1.00	2.83	1.00	2.78	1.01	2.73	1.02
						0	3.47	1.01	3.39	1.03	3.32	1.04	3.28	1.05	3.25	1.05	3.19	1.06	3.14	1.07
						2	3.64	1.03	3.56	1.04	3.49	1.06	3.45	1.06	3.42	1.07	3.36	1.08	3.31	1.09
						7	3.99	1.06	3.90	1.08	3.83	1.09	3.80	1.10	3.76	1.11	3.69	1.12	3.64	1.13
						10	4.33	1.10	4.25	1.12	4.17	1.13	4.13	1.14	4.09	1.15	4.03	1.16	3.97	1.17
						15	4.77	1.14	4.68	1.16	4.59	1.18	4.55	1.18	4.52	1.19	4.45	1.20	4.38	1.22
2000	2000			4000	100%	-15	2.40	0.72	2.33	0.73	2.26	0.74	2.23	0.74	2.20	0.74	2.15	0.75	2.11	0.76
						-10	2.88	0.75	2.80	0.76	2.73	0.77	2.70	0.78	2.67	0.78	2.61	0.79	2.57	0.80
						-5	3.36	0.79	3.27	0.80	3.20	0.81	3.16	0.82	3.13	0.82	3.07	0.83	3.02	0.84
						0	3.83	0.83	3.75	0.84	3.66	0.85	3.63	0.86	3.59	0.86	3.53	0.87	3.48	0.88
						2	4.02	0.84	3.93	0.85	3.85	0.87	3.81	0.87	3.78	0.88	3.71	0.89	3.66	0.89
						7	4.41	0.87	4.31	0.88	4.23	0.90	4.20	0.90	4.15	0.91	4.08	0.92	4.02	0.92
						10	4.79	0.90	4.69	0.91	4.60	0.93	4.56	0.93	4.52	0.94	4.45	0.95	4.39	0.96
						15	5.27	0.94	5.17	0.95	5.08	0.96	5.03	0.97	4.99	0.97	4.91	0.99	4.85	0.99
2000	2500			4500	113%	-15	2.40	0.73	2.33	0.74	2.26	0.75	2.23	0.76	2.20	0.76	2.15	0.77	2.11	0.77
						-10	2.88	0.77	2.80	0.78	2.73	0.79	2.70	0.80	2.67	0.80	2.61	0.81	2.57	0.82
						-5	3.36	0.81	3.27	0.82	3.20	0.83	3.16	0.84	3.13	0.84	3.07	0.85	3.02	0.86
						0	3.83	0.85	3.75	0.86	3.66	0.87	3.63	0.87	3.59	0.88	3.53	0.89	3.48	0.90
						2	4.02	0.86	3.93	0.87	3.85	0.88	3.81	0.89	3.78	0.90	3.71	0.90	3.66	0.91
						7	4.41	0.89	4.31	0.90	4.23	0.92	4.20	0.92	4.15	0.93	4.08	0.94	4.02	0.95
						10	4.79	0.92	4.69	0.93	4.60	0.95	4.56	0.95	4.52	0.96	4.45	0.97	4.39	0.98
						15	5.27	0.96	5.17	0.97	5.08	0.98	5.03	0.99	4.99	1.00	4.91	1.01	4.85	1.02

11. Capacity Table

Combination (Capacity Index)				Combination (Total)	Combination (%)	Outdoor Temperature (°C,DB)	Indoor Temperature(°C, DB)													
							14		16		18		20		21		22		24	
							TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
2000	3500			5500	138%	-15	2.40	0.74	2.33	0.75	2.26	0.76	2.23	0.76	2.20	0.77	2.15	0.78	2.11	0.78
						-10	2.88	0.78	2.80	0.79	2.73	0.80	2.70	0.80	2.67	0.81	2.61	0.82	2.57	0.82
						-5	3.36	0.82	3.27	0.83	3.20	0.84	3.16	0.84	3.13	0.85	3.07	0.86	3.02	0.87
						0	3.83	0.85	3.75	0.87	3.66	0.88	3.63	0.88	3.59	0.89	3.53	0.90	3.48	0.91
						2	4.02	0.87	3.93	0.88	3.85	0.89	3.81	0.90	3.78	0.91	3.71	0.91	3.66	0.92
						7	4.41	0.90	4.31	0.91	4.23	0.93	4.20	0.93	4.15	0.94	4.08	0.95	4.02	0.96
						10	4.79	0.93	4.69	0.94	4.60	0.96	4.56	0.96	4.52	0.97	4.45	0.98	4.39	0.99
						15	5.27	0.97	5.17	0.98	5.08	1.00	5.03	1.00	4.99	1.01	4.91	1.02	4.85	1.03
2500	2500			5000	125%	-15	2.40	0.75	2.33	0.76	2.26	0.77	2.23	0.77	2.20	0.78	2.15	0.78	2.11	0.79
						-10	2.88	0.79	2.80	0.80	2.73	0.81	2.70	0.81	2.67	0.82	2.61	0.83	2.57	0.83
						-5	3.36	0.83	3.27	0.84	3.20	0.85	3.16	0.85	3.13	0.86	3.07	0.87	3.02	0.87
						0	3.83	0.86	3.75	0.88	3.66	0.89	3.63	0.89	3.59	0.90	3.53	0.91	3.48	0.92
						2	4.02	0.88	3.93	0.89	3.85	0.90	3.81	0.91	3.78	0.91	3.71	0.92	3.66	0.93
						7	4.41	0.91	4.31	0.92	4.23	0.94	4.20	0.94	4.15	0.95	4.08	0.96	4.02	0.97
						10	4.79	0.94	4.69	0.95	4.60	0.97	4.56	0.97	4.52	0.98	4.45	0.99	4.39	1.00
						15	5.27	0.98	5.17	0.99	5.08	1.01	5.03	1.01	4.99	1.02	4.91	1.03	4.85	1.04
2500	3500			6000	150%	-15	2.40	0.76	2.33	0.77	2.26	0.78	2.23	0.78	2.20	0.79	2.15	0.79	2.11	0.80
						-10	2.88	0.79	2.80	0.81	2.73	0.82	2.70	0.82	2.67	0.83	2.61	0.83	2.57	0.84
						-5	3.36	0.83	3.27	0.85	3.20	0.86	3.16	0.86	3.13	0.87	3.07	0.88	3.02	0.88
						0	3.83	0.87	3.75	0.89	3.66	0.90	3.63	0.90	3.59	0.91	3.53	0.92	3.48	0.93
						2	4.02	0.89	3.93	0.90	3.85	0.91	3.81	0.92	3.78	0.92	3.71	0.93	3.66	0.94
						7	4.41	0.92	4.31	0.93	4.23	0.95	4.20	0.95	4.15	0.96	4.08	0.97	4.02	0.98
						10	4.79	0.95	4.69	0.96	4.60	0.98	4.56	0.98	4.52	0.99	4.45	1.00	4.39	1.01
						15	5.27	0.99	5.17	1.00	5.08	1.02	5.03	1.02	4.99	1.03	4.91	1.04	4.85	1.05

NOTE

- The performance table shows the average value of each conditions.
- The above is the value for connecting with the following indoor units.
  - 2000, 2500, 3500 class : AR07MXWSAWKNEU, AR09MXWSAWKNEU, AR12MXWSAWKNEU
- The total ability of connected a indoor unit is up to 6.0kW
- It is impossible to connect the indoor unit for one room only.
- This data is reference data for temperature capacity trend.

11. Capacity Table

11-1. AJ050NCJ2EG/EU

Cooling

Combination (Capacity Index)				Combination (Total)	Combination (%)	Outdoor Temperature (°C,DB)	Indoor Temperature(°C, WB)													
							14		16		18		19		20		22		24	
							TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
2000				2000	38%	10	1.92	0.42	2.78	0.47	2.90	0.51	2.96	0.53	3.02	0.54	3.13	0.57	3.25	0.59
						12	1.92	0.44	2.74	0.49	2.85	0.53	2.91	0.54	2.97	0.56	3.09	0.58	3.21	0.60
						14	1.92	0.46	2.69	0.51	2.81	0.54	2.87	0.56	2.92	0.57	3.04	0.60	3.16	0.61
						16	1.92	0.48	2.65	0.52	2.76	0.56	2.82	0.57	2.88	0.59	3.00	0.61	3.11	0.63
						18	1.92	0.50	2.60	0.54	2.72	0.58	2.78	0.59	2.83	0.60	2.95	0.62	3.07	0.64
						20	1.92	0.52	2.56	0.56	2.67	0.59	2.73	0.61	2.79	0.62	2.90	0.64	3.02	0.65
						21	1.92	0.53	2.54	0.57	2.65	0.60	2.71	0.62	2.77	0.63	2.88	0.65	3.00	0.66
						23	1.92	0.55	2.50	0.59	2.61	0.62	2.66	0.63	2.72	0.64	2.83	0.66	2.95	0.67
						25	1.92	0.57	2.45	0.61	2.56	0.64	2.62	0.65	2.68	0.66	2.79	0.67	2.90	0.68
						27	1.92	0.59	2.41	0.63	2.52	0.66	2.58	0.67	2.63	0.68	2.74	0.69	2.86	0.70
						29	1.92	0.62	2.37	0.65	2.48	0.67	2.53	0.68	2.59	0.69	2.70	0.71	2.81	0.71
						31	1.92	0.64	2.32	0.67	2.43	0.69	2.49	0.70	2.54	0.71	2.65	0.72	2.76	0.72
						33	1.92	0.66	2.28	0.69	2.39	0.71	2.44	0.72	2.50	0.73	2.61	0.74	2.72	0.74
						35	1.92	0.68	2.24	0.71	2.34	0.73	2.40	0.73	2.45	0.75	2.56	0.75	2.67	0.75
						37	1.92	0.71	2.19	0.73	2.30	0.75	2.36	0.76	2.41	0.76	2.52	0.77	2.63	0.77
						39	1.92	0.73	2.15	0.75	2.26	0.77	2.31	0.78	2.37	0.78	2.47	0.79	2.58	0.78
						42	1.90	0.76	2.09	0.79	2.19	0.80	2.25	0.81	2.30	0.81	2.41	0.81	2.51	0.81
						44	1.80	0.79	2.05	0.81	2.15	0.82	2.20	0.83	2.26	0.83	2.36	0.83	2.47	0.82
						46	1.75	0.81	2.00	0.83	2.11	0.84	2.16	0.85	2.21	0.85	2.32	0.85	2.42	0.84
2500				2500	48%	10	2.00	0.46	2.90	0.52	3.02	0.56	3.08	0.58	3.14	0.60	3.26	0.63	3.39	0.65
						12	2.00	0.48	2.85	0.53	2.97	0.58	3.03	0.60	3.09	0.61	3.22	0.64	3.34	0.66
						14	2.00	0.51	2.80	0.55	2.93	0.60	2.99	0.61	3.05	0.63	3.17	0.65	3.29	0.67
						16	2.00	0.53	2.76	0.57	2.88	0.61	2.94	0.63	3.00	0.65	3.12	0.67	3.24	0.69
						18	2.00	0.55	2.71	0.59	2.83	0.63	2.89	0.65	2.95	0.66	3.07	0.68	3.19	0.70
						20	2.00	0.57	2.67	0.61	2.79	0.65	2.85	0.67	2.90	0.68	3.02	0.70	3.14	0.71
						21	2.00	0.58	2.64	0.62	2.76	0.66	2.82	0.67	2.88	0.69	3.00	0.71	3.12	0.72
						23	2.00	0.61	2.60	0.65	2.72	0.68	2.78	0.69	2.83	0.71	2.95	0.72	3.07	0.73
						25	2.00	0.63	2.55	0.67	2.67	0.70	2.73	0.71	2.79	0.72	2.91	0.74	3.02	0.75
						27	2.00	0.65	2.51	0.69	2.62	0.72	2.68	0.73	2.74	0.74	2.86	0.76	2.98	0.76
						29	2.00	0.68	2.46	0.71	2.58	0.74	2.64	0.75	2.69	0.76	2.81	0.77	2.93	0.78
						31	2.00	0.70	2.42	0.73	2.53	0.76	2.59	0.77	2.65	0.78	2.76	0.79	2.88	0.79
						33	2.00	0.72	2.37	0.76	2.49	0.78	2.54	0.79	2.60	0.80	2.72	0.81	2.83	0.81
						35	2.00	0.75	2.33	0.78	2.44	0.80	2.50	0.80	2.56	0.82	2.67	0.83	2.78	0.83
						37	2.00	0.77	2.29	0.80	2.40	0.82	2.45	0.83	2.51	0.84	2.62	0.84	2.74	0.84
						39	2.00	0.80	2.24	0.83	2.35	0.85	2.41	0.85	2.46	0.86	2.58	0.86	2.69	0.86
						42	1.98	0.84	2.18	0.86	2.29	0.88	2.34	0.88	2.40	0.89	2.51	0.89	2.62	0.88
						44	1.88	0.86	2.13	0.89	2.24	0.90	2.30	0.91	2.35	0.91	2.46	0.91	2.57	0.90
						46	1.83	0.89	2.09	0.91	2.20	0.93	2.25	0.93	2.30	0.93	2.41	0.93	2.53	0.92

11. Capacity Table

Combination (Capacity Index)				Combination (Total)	Combination (%)	Outdoor Temperature (°C,DB)	Indoor Temperature(°C, WB)													
							14		16		18		19		20		22		24	
							TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
3500				3500	67%	10	2.80	0.63	4.06	0.70	4.23	0.76	4.31	0.79	4.40	0.81	4.57	0.85	4.74	0.88
						12	2.80	0.66	3.99	0.73	4.16	0.79	4.25	0.81	4.33	0.83	4.50	0.87	4.68	0.90
						14	2.80	0.69	3.93	0.75	4.10	0.81	4.18	0.83	4.26	0.86	4.44	0.89	4.61	0.92
						16	2.80	0.72	3.86	0.78	4.03	0.84	4.11	0.86	4.20	0.88	4.37	0.91	4.54	0.93
						18	2.80	0.75	3.80	0.81	3.96	0.86	4.05	0.88	4.13	0.90	4.30	0.93	4.47	0.95
						20	2.80	0.78	3.73	0.84	3.90	0.89	3.98	0.91	4.07	0.92	4.23	0.95	4.40	0.97
						21	2.80	0.79	3.70	0.85	3.87	0.90	3.95	0.92	4.03	0.94	4.20	0.96	4.37	0.98
						23	2.80	0.82	3.64	0.88	3.80	0.93	3.89	0.94	3.97	0.96	4.13	0.99	4.30	1.00
						25	2.80	0.86	3.58	0.91	3.74	0.95	3.82	0.97	3.90	0.99	4.07	1.01	4.23	1.02
						27	2.80	0.89	3.51	0.94	3.67	0.98	3.76	1.00	3.84	1.01	4.00	1.03	4.17	1.04
						29	2.80	0.92	3.45	0.97	3.61	1.01	3.69	1.02	3.77	1.04	3.93	1.05	4.10	1.06
						31	2.80	0.95	3.39	1.00	3.55	1.04	3.63	1.05	3.71	1.06	3.87	1.08	4.03	1.08
						33	2.80	0.99	3.32	1.03	3.48	1.06	3.56	1.08	3.64	1.09	3.80	1.10	3.97	1.10
						35	2.80	1.02	3.26	1.06	3.42	1.09	3.50	1.09	3.58	1.11	3.74	1.12	3.90	1.12
						37	2.80	1.05	3.20	1.09	3.36	1.12	3.43	1.13	3.51	1.14	3.67	1.15	3.83	1.15
						39	2.80	1.09	3.14	1.13	3.29	1.15	3.37	1.16	3.45	1.17	3.61	1.17	3.77	1.17
						42	2.77	1.14	3.05	1.17	3.20	1.20	3.28	1.21	3.35	1.21	3.51	1.21	3.67	1.21
						44	2.63	1.18	2.98	1.21	3.14	1.23	3.21	1.24	3.29	1.24	3.45	1.24	3.60	1.23
						46	2.56	1.21	2.92	1.24	3.07	1.26	3.15	1.27	3.23	1.27	3.38	1.27	3.54	1.25
2000	2000			4000	77%	10	3.53	0.69	4.99	0.71	5.08	0.72	5.14	0.73	5.20	0.74	5.35	0.75	5.52	0.77
						12	3.53	0.71	4.85	0.72	4.95	0.74	5.01	0.75	5.08	0.76	5.23	0.77	5.41	0.79
						14	3.53	0.72	4.72	0.74	4.83	0.76	4.89	0.77	4.96	0.77	5.12	0.79	5.31	0.80
						16	3.53	0.74	4.60	0.76	4.71	0.78	4.78	0.78	4.85	0.79	5.02	0.81	5.21	0.82
						18	3.53	0.76	4.48	0.78	4.60	0.79	4.67	0.80	4.75	0.81	4.92	0.83	5.12	0.84
						20	3.53	0.78	4.36	0.80	4.49	0.81	4.57	0.82	4.65	0.83	4.83	0.84	5.03	0.86
						21	3.53	0.79	4.31	0.81	4.44	0.82	4.52	0.83	4.60	0.84	4.78	0.85	4.99	0.87
						23	3.53	0.81	4.20	0.83	4.34	0.84	4.42	0.85	4.51	0.86	4.70	0.87	4.91	0.89
						25	3.53	0.83	4.10	0.85	4.25	0.86	4.33	0.87	4.42	0.88	4.62	0.90	4.84	0.91
						27	3.53	0.85	4.01	0.87	4.16	0.89	4.25	0.89	4.34	0.90	4.55	0.92	4.78	0.93
						29	3.53	0.87	3.92	0.89	4.08	0.91	4.17	0.91	4.27	0.92	4.48	0.94	4.72	0.95
						31	3.53	0.90	3.84	0.91	4.01	0.93	4.10	0.94	4.20	0.94	4.42	0.96	4.66	0.97
						33	3.53	0.92	3.76	0.94	3.94	0.95	4.03	0.96	4.13	0.97	4.36	0.98	4.61	1.00
						35	3.53	0.94	3.69	0.96	3.87	0.97	4.00	0.98	4.08	0.99	4.31	1.00	4.57	1.02
						37	3.53	0.97	3.62	0.98	3.81	1.00	3.91	1.01	4.02	1.01	4.26	1.03	4.53	1.04
						39	3.53	0.99	3.56	1.01	3.76	1.02	3.86	1.03	3.98	1.04	4.22	1.05	4.49	1.07
						42	3.53	1.03	3.48	1.04	3.69	1.06	3.80	1.07	3.92	1.07	4.17	1.09	4.46	1.10
						44	3.53	1.05	3.44	1.07	3.65	1.09	3.76	1.09	3.89	1.10	4.15	1.11	4.44	1.13
						46	3.53	1.08	3.39	1.10	3.61	1.11	3.73	1.12	3.86	1.13	4.13	1.14	4.42	1.15

11. Capacity Table

Combination (Capacity Index)				Combination (Total)	Combination (%)	Outdoor Temperature (°C,DB)	Indoor Temperature(°C, WB)													
							14		16		18		19		20		22		24	
							TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
2000	2500			4500	87%	10	4.07	0.79	5.73	0.81	5.84	0.83	5.91	0.84	5.98	0.84	6.15	0.86	6.34	0.88
						12	4.07	0.81	5.58	0.83	5.69	0.85	5.76	0.85	5.84	0.86	6.02	0.88	6.22	0.90
						14	4.07	0.83	5.43	0.85	5.55	0.87	5.63	0.88	5.71	0.88	5.89	0.90	6.10	0.92
						16	4.07	0.85	5.29	0.87	5.42	0.89	5.50	0.90	5.58	0.90	5.77	0.92	5.99	0.94
						18	4.07	0.87	5.15	0.89	5.29	0.91	5.37	0.92	5.46	0.93	5.66	0.94	5.89	0.96
						20	4.07	0.89	5.02	0.91	5.17	0.93	5.25	0.94	5.34	0.95	5.55	0.97	5.79	0.98
						21	4.07	0.90	4.96	0.92	5.11	0.94	5.19	0.95	5.29	0.96	5.50	0.98	5.74	0.99
						23	4.07	0.93	4.83	0.95	4.99	0.96	5.09	0.97	5.18	0.98	5.40	1.00	5.65	1.02
						25	4.07	0.95	4.72	0.97	4.89	0.99	4.98	1.00	5.09	1.01	5.31	1.02	5.57	1.04
						27	4.07	0.97	4.61	0.99	4.79	1.01	4.89	1.02	4.99	1.03	5.23	1.05	5.49	1.06
						29	4.07	1.00	4.51	1.02	4.69	1.04	4.80	1.05	4.91	1.05	5.15	1.07	5.42	1.09
						31	4.07	1.02	4.42	1.04	4.61	1.06	4.71	1.07	4.83	1.08	5.08	1.10	5.36	1.11
						33	4.07	1.05	4.33	1.07	4.53	1.09	4.64	1.10	4.76	1.11	5.01	1.12	5.30	1.14
						35	4.07	1.08	4.24	1.10	4.45	1.11	4.60	1.12	4.69	1.13	4.96	1.15	5.25	1.16
						37	4.07	1.10	4.17	1.12	4.38	1.14	4.50	1.15	4.63	1.16	4.90	1.18	5.21	1.19
						39	4.07	1.13	4.10	1.15	4.32	1.17	4.44	1.18	4.57	1.19	4.86	1.20	5.17	1.22
						42	4.07	1.17	4.01	1.19	4.24	1.21	4.37	1.22	4.51	1.23	4.80	1.25	5.12	1.26
						44	4.07	1.20	3.95	1.22	4.20	1.24	4.33	1.25	4.47	1.26	4.77	1.27	5.10	1.29
						46	4.07	1.23	3.90	1.25	4.16	1.27	4.29	1.28	4.44	1.29	4.75	1.30	5.09	1.32
2000	3500			5500	106%	10	4.42	0.86	6.23	0.89	6.35	0.91	6.42	0.92	6.50	0.93	6.68	0.95	6.90	0.97
						12	4.42	0.89	6.06	0.91	6.19	0.93	6.27	0.94	6.35	0.95	6.54	0.97	6.76	0.99
						14	4.42	0.91	5.90	0.93	6.04	0.95	6.12	0.96	6.20	0.97	6.40	0.99	6.63	1.01
						16	4.42	0.93	5.75	0.95	5.89	0.97	5.97	0.98	6.06	0.99	6.27	1.01	6.51	1.03
						18	4.42	0.95	5.60	0.98	5.75	1.00	5.84	1.01	5.93	1.02	6.15	1.04	6.40	1.06
						20	4.42	0.98	5.45	1.00	5.62	1.02	5.71	1.03	5.81	1.04	6.03	1.06	6.29	1.08
						21	4.42	0.99	5.39	1.01	5.55	1.03	5.65	1.04	5.75	1.05	5.98	1.07	6.24	1.09
						23	4.42	1.02	5.25	1.04	5.43	1.06	5.53	1.07	5.63	1.08	5.87	1.10	6.14	1.12
						25	4.42	1.04	5.13	1.06	5.31	1.08	5.42	1.09	5.53	1.10	5.77	1.12	6.05	1.14
						27	4.42	1.07	5.01	1.09	5.20	1.11	5.31	1.12	5.43	1.13	5.68	1.15	5.97	1.17
						29	4.42	1.10	4.90	1.12	5.10	1.14	5.21	1.15	5.33	1.16	5.60	1.18	5.89	1.19
						31	4.42	1.12	4.80	1.15	5.01	1.17	5.12	1.18	5.25	1.19	5.52	1.20	5.82	1.22
						33	4.42	1.15	4.70	1.17	4.92	1.19	5.04	1.20	5.17	1.21	5.45	1.23	5.76	1.25
						35	4.42	1.18	4.61	1.20	4.84	1.22	5.00	1.23	5.10	1.24	5.39	1.26	5.71	1.28
						37	4.42	1.21	4.53	1.23	4.76	1.25	4.89	1.26	5.03	1.27	5.33	1.29	5.66	1.31
						39	4.42	1.24	4.45	1.26	4.70	1.28	4.83	1.29	4.97	1.30	5.28	1.32	5.62	1.34
						42	4.42	1.29	4.35	1.31	4.61	1.33	4.75	1.34	4.90	1.35	5.22	1.37	5.57	1.39
						44	4.42	1.32	4.30	1.34	4.56	1.36	4.70	1.37	4.86	1.38	5.18	1.40	5.55	1.42
						46	4.42	1.35	4.24	1.38	4.52	1.39	4.67	1.40	4.82	1.41	5.16	1.43	5.53	1.45

11. Capacity Table

Combination (Capacity Index)				Combination (Total)	Combination (%)	Outdoor Temperature (°C,DB)	Indoor Temperature(°C, WB) 14		16		18		19		20		22		24	
							TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
2500	2500			5000	96%	10	4.42	0.86	6.23	0.88	6.35	0.90	6.42	0.91	6.50	0.92	6.68	0.94	6.90	0.96
						12	4.42	0.88	6.06	0.90	6.19	0.92	6.27	0.93	6.35	0.94	6.54	0.96	6.76	0.98
						14	4.42	0.90	5.90	0.92	6.04	0.94	6.12	0.95	6.20	0.96	6.40	0.98	6.63	1.00
						16	4.42	0.92	5.75	0.95	5.89	0.97	5.97	0.98	6.06	0.99	6.27	1.00	6.51	1.02
						18	4.42	0.95	5.60	0.97	5.75	0.99	5.84	1.00	5.93	1.01	6.15	1.03	6.40	1.05
						20	4.42	0.97	5.45	0.99	5.62	1.01	5.71	1.02	5.81	1.03	6.03	1.05	6.29	1.07
						21	4.42	0.98	5.39	1.00	5.55	1.03	5.65	1.04	5.75	1.04	5.98	1.06	6.24	1.08
						23	4.42	1.01	5.25	1.03	5.43	1.05	5.53	1.06	5.63	1.07	5.87	1.09	6.14	1.11
						25	4.42	1.03	5.13	1.06	5.31	1.08	5.42	1.09	5.53	1.10	5.77	1.11	6.05	1.13
						27	4.42	1.06	5.01	1.08	5.20	1.10	5.31	1.11	5.43	1.12	5.68	1.14	5.97	1.16
						29	4.42	1.09	4.90	1.11	5.10	1.13	5.21	1.14	5.33	1.15	5.60	1.17	5.89	1.18
						31	4.42	1.12	4.80	1.14	5.01	1.16	5.12	1.17	5.25	1.18	5.52	1.19	5.82	1.21
						33	4.42	1.14	4.70	1.16	4.92	1.18	5.04	1.19	5.17	1.20	5.45	1.22	5.76	1.24
						35	4.42	1.17	4.61	1.19	4.84	1.21	5.00	1.22	5.10	1.23	5.39	1.25	5.71	1.27
						37	4.42	1.20	4.53	1.22	4.76	1.24	4.89	1.25	5.03	1.26	5.33	1.28	5.66	1.30
						39	4.42	1.23	4.45	1.25	4.70	1.27	4.83	1.28	4.97	1.29	5.28	1.31	5.62	1.33
						42	4.42	1.28	4.35	1.30	4.61	1.32	4.75	1.33	4.90	1.34	5.22	1.36	5.57	1.37
						44	4.42	1.31	4.30	1.33	4.56	1.35	4.70	1.36	4.86	1.37	5.18	1.39	5.55	1.41
						46	4.42	1.34	4.24	1.36	4.52	1.38	4.67	1.39	4.82	1.40	5.16	1.42	5.53	1.44
2500	3500			6000	115%	10	4.42	0.86	6.23	0.89	6.35	0.91	6.42	0.92	6.50	0.93	6.68	0.95	6.90	0.97
						12	4.42	0.89	6.06	0.91	6.19	0.93	6.27	0.94	6.35	0.95	6.54	0.97	6.76	0.99
						14	4.42	0.91	5.90	0.93	6.04	0.95	6.12	0.96	6.20	0.97	6.40	0.99	6.63	1.01
						16	4.42	0.93	5.75	0.95	5.89	0.97	5.97	0.98	6.06	0.99	6.27	1.01	6.51	1.03
						18	4.42	0.95	5.60	0.98	5.75	1.00	5.84	1.01	5.93	1.02	6.15	1.04	6.40	1.06
						20	4.42	0.98	5.45	1.00	5.62	1.02	5.71	1.03	5.81	1.04	6.03	1.06	6.29	1.08
						21	4.42	0.99	5.39	1.01	5.55	1.03	5.65	1.04	5.75	1.05	5.98	1.07	6.24	1.09
						23	4.42	1.02	5.25	1.04	5.43	1.06	5.53	1.07	5.63	1.08	5.87	1.10	6.14	1.12
						25	4.42	1.04	5.13	1.06	5.31	1.08	5.42	1.09	5.53	1.10	5.77	1.12	6.05	1.14
						27	4.42	1.07	5.01	1.09	5.20	1.11	5.31	1.12	5.43	1.13	5.68	1.15	5.97	1.17
						29	4.42	1.10	4.90	1.12	5.10	1.14	5.21	1.15	5.33	1.16	5.60	1.18	5.89	1.19
						31	4.42	1.12	4.80	1.15	5.01	1.17	5.12	1.18	5.25	1.19	5.52	1.20	5.82	1.22
						33	4.42	1.15	4.70	1.17	4.92	1.19	5.04	1.20	5.17	1.21	5.45	1.23	5.76	1.25
						35	4.42	1.18	4.61	1.20	4.84	1.22	5.00	1.23	5.10	1.24	5.39	1.26	5.71	1.28
						37	4.42	1.21	4.53	1.23	4.76	1.25	4.89	1.26	5.03	1.27	5.33	1.29	5.66	1.31
						39	4.42	1.24	4.45	1.26	4.70	1.28	4.83	1.29	4.97	1.30	5.28	1.32	5.62	1.34
						42	4.42	1.29	4.35	1.31	4.61	1.33	4.75	1.34	4.90	1.35	5.22	1.37	5.57	1.39
						44	4.42	1.32	4.30	1.34	4.56	1.36	4.70	1.37	4.86	1.38	5.18	1.40	5.55	1.42
						46	4.42	1.35	4.24	1.38	4.52	1.39	4.67	1.40	4.82	1.41	5.16	1.43	5.53	1.45

11. Capacity Table

Combination (Capacity Index)				Combination (Total)	Combination (%)	Outdoor Temperature (°C,DB)	Indoor Temperature(°C, WB)													
							14		16		18		19		20		22		24	
							TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
3500	3500			7000	135%	10	4.42	0.87	6.23	0.89	6.35	0.91	6.42	0.92	6.50	0.94	6.68	0.95	6.90	0.97
						12	4.42	0.89	6.06	0.91	6.19	0.94	6.27	0.95	6.35	0.96	6.54	0.98	6.76	1.00
						14	4.42	0.92	5.90	0.94	6.04	0.96	6.12	0.97	6.20	0.98	6.40	1.00	6.63	1.02
						16	4.42	0.94	5.75	0.96	5.89	0.98	5.97	0.99	6.06	1.00	6.27	1.02	6.51	1.04
						18	4.42	0.96	5.60	0.98	5.75	1.01	5.84	1.02	5.93	1.03	6.15	1.04	6.40	1.06
						20	4.42	0.99	5.45	1.01	5.62	1.03	5.71	1.04	5.81	1.05	6.03	1.07	6.29	1.09
						21	4.42	1.00	5.39	1.02	5.55	1.04	5.65	1.05	5.75	1.06	5.98	1.08	6.24	1.10
						23	4.42	1.03	5.25	1.05	5.43	1.07	5.53	1.08	5.63	1.09	5.87	1.11	6.14	1.13
						25	4.42	1.05	5.13	1.07	5.31	1.09	5.42	1.10	5.53	1.11	5.77	1.13	6.05	1.15
						27	4.42	1.08	5.01	1.10	5.20	1.12	5.31	1.13	5.43	1.14	5.68	1.16	5.97	1.18
						29	4.42	1.11	4.90	1.13	5.10	1.15	5.21	1.16	5.33	1.17	5.60	1.19	5.89	1.20
						31	4.42	1.13	4.80	1.15	5.01	1.18	5.12	1.19	5.25	1.19	5.52	1.21	5.82	1.23
						33	4.42	1.16	4.70	1.18	4.92	1.20	5.04	1.21	5.17	1.22	5.45	1.24	5.76	1.26
						35	4.42	1.19	4.61	1.21	4.84	1.23	5.00	1.24	5.10	1.25	5.39	1.27	5.71	1.29
						37	4.42	1.22	4.53	1.24	4.76	1.26	4.89	1.27	5.03	1.28	5.33	1.30	5.66	1.32
						39	4.42	1.25	4.45	1.27	4.70	1.29	4.83	1.30	4.97	1.31	5.28	1.33	5.62	1.35
						42	4.42	1.30	4.35	1.32	4.61	1.34	4.75	1.35	4.90	1.36	5.22	1.38	5.57	1.40
						44	4.42	1.33	4.30	1.35	4.56	1.37	4.70	1.38	4.86	1.39	5.18	1.41	5.55	1.43
						46	4.42	1.37	4.24	1.39	4.52	1.41	4.67	1.42	4.82	1.43	5.16	1.44	5.53	1.46

NOTE

- The performance table shows the average value of each conditions.
- The above is the value for connecting with the following indoor units.
  - 2000, 2500, 3500 class : AR07MXWSAWKNEU, AR09MXWSAWKNEU, AR12MXWSAWKNEU
- The total ability of connected a indoor unit is up to 7.0kW
- It is impossible to connect the indoor unit for one room only.
- This data is reference data for temperature capacity trend.

11. Capacity Table

11-1. AJ050NCJ2EG/EU

Heating

Combination (Capacity Index)				Combination (Total)	Combination (%)	Outdoor Temperature (°C,DB)	Indoor Temperature(°C, DB)													
							14		16		18		20		21		22		24	
							TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
2000				2000	38%	-15	1.43	0.70	1.39	0.71	1.35	0.72	1.33	0.72	1.31	0.73	1.28	0.73	1.26	0.74
						-10	1.71	0.74	1.67	0.75	1.62	0.76	1.60	0.76	1.59	0.77	1.55	0.77	1.53	0.78
						-5	2.00	0.77	1.95	0.78	1.90	0.79	1.88	0.80	1.86	0.80	1.83	0.81	1.80	0.82
						0	2.28	0.81	2.23	0.82	2.18	0.83	2.16	0.84	2.14	0.84	2.10	0.85	2.07	0.86
						2	2.40	0.82	2.34	0.84	2.29	0.85	2.27	0.85	2.25	0.86	2.21	0.87	2.18	0.87
						7	2.62	0.85	2.57	0.86	2.52	0.88	2.50	0.88	2.47	0.89	2.43	0.90	2.39	0.90
						10	2.85	0.88	2.79	0.89	2.74	0.91	2.72	0.91	2.69	0.92	2.65	0.93	2.61	0.93
						15	3.14	0.92	3.08	0.93	3.02	0.94	3.00	0.95	2.97	0.95	2.93	0.96	2.88	0.97
2500				2500	48%	-15	1.89	0.83	1.83	0.85	1.78	0.86	1.75	0.86	1.73	0.87	1.69	0.88	1.66	0.88
						-10	2.26	0.88	2.20	0.89	2.14	0.90	2.12	0.91	2.09	0.91	2.05	0.92	2.02	0.93
						-5	2.64	0.92	2.57	0.94	2.51	0.95	2.48	0.95	2.46	0.96	2.41	0.97	2.37	0.98
						0	3.01	0.96	2.94	0.98	2.88	0.99	2.85	1.00	2.82	1.00	2.77	1.01	2.73	1.02
						2	3.16	0.98	3.09	1.00	3.03	1.01	3.00	1.02	2.97	1.02	2.92	1.03	2.87	1.04
						7	3.46	1.02	3.39	1.03	3.32	1.05	3.30	1.05	3.26	1.06	3.21	1.07	3.16	1.08
						10	3.76	1.05	3.69	1.07	3.62	1.08	3.59	1.09	3.55	1.09	3.50	1.10	3.45	1.12
						15	4.14	1.09	4.06	1.11	3.99	1.12	3.95	1.13	3.92	1.14	3.86	1.15	3.81	1.16
3500				3500	67%	-15	2.29	1.03	2.22	1.05	2.15	1.06	2.13	1.07	2.10	1.07	2.05	1.08	2.01	1.09
						-10	2.74	1.09	2.67	1.10	2.60	1.12	2.57	1.12	2.54	1.13	2.49	1.14	2.44	1.15
						-5	3.20	1.14	3.12	1.16	3.04	1.17	3.01	1.18	2.98	1.19	2.92	1.20	2.88	1.21
						0	3.65	1.19	3.57	1.21	3.49	1.23	3.46	1.24	3.42	1.24	3.36	1.26	3.31	1.27
						2	3.83	1.22	3.75	1.23	3.67	1.25	3.63	1.26	3.60	1.27	3.54	1.28	3.48	1.29
						7	4.20	1.26	4.11	1.28	4.03	1.29	4.00	1.30	3.95	1.31	3.89	1.32	3.83	1.34
						10	4.56	1.30	4.47	1.32	4.38	1.34	4.35	1.35	4.31	1.35	4.24	1.37	4.18	1.38
						15	5.02	1.35	4.92	1.37	4.83	1.39	4.79	1.40	4.75	1.41	4.68	1.42	4.62	1.44
2000	2000			4000	77%	-15	2.52	0.80	2.44	0.81	2.37	0.83	2.34	0.83	2.31	0.83	2.26	0.84	2.21	0.85
						-10	3.02	0.84	2.93	0.86	2.86	0.87	2.82	0.87	2.79	0.88	2.74	0.89	2.69	0.89
						-5	3.52	0.89	3.43	0.90	3.35	0.91	3.31	0.92	3.28	0.92	3.22	0.93	3.16	0.94
						0	4.02	0.93	3.92	0.94	3.84	0.95	3.80	0.96	3.76	0.97	3.70	0.98	3.64	0.98
						2	4.22	0.94	4.12	0.96	4.04	0.97	4.00	0.98	3.96	0.98	3.89	0.99	3.83	1.00
						7	4.62	0.98	4.52	0.99	4.43	1.01	4.40	1.01	4.35	1.02	4.28	1.03	4.21	1.04
						10	5.02	1.01	4.92	1.03	4.82	1.04	4.78	1.05	4.74	1.05	4.66	1.06	4.60	1.07
						15	5.52	1.05	5.41	1.07	5.32	1.08	5.27	1.09	5.23	1.09	5.15	1.11	5.08	1.12
2000	2500			4500	87%	-15	2.92	1.04	2.83	1.06	2.75	1.07	2.71	1.08	2.68	1.08	2.62	1.09	2.56	1.10
						-10	3.50	1.10	3.40	1.11	3.31	1.13	3.27	1.13	3.24	1.14	3.17	1.15	3.12	1.16
						-5	4.08	1.15	3.97	1.17	3.88	1.18	3.84	1.19	3.80	1.20	3.73	1.21	3.67	1.22
						0	4.66	1.20	4.55	1.22	4.45	1.24	4.41	1.25	4.36	1.25	4.29	1.27	4.22	1.28
						2	4.89	1.23	4.78	1.24	4.68	1.26	4.63	1.27	4.59	1.27	4.51	1.29	4.44	1.30
						7	5.35	1.27	5.24	1.29	5.13	1.30	5.10	1.31	5.04	1.32	4.96	1.33	4.89	1.35
						10	5.82	1.31	5.70	1.33	5.59	1.35	5.54	1.36	5.49	1.36	5.41	1.38	5.33	1.39
						15	6.40	1.36	6.28	1.38	6.16	1.40	6.11	1.41	6.06	1.42	5.97	1.43	5.88	1.45

11. Capacity Table

Combination (Capacity Index)				Combination (Total)	Combination (%)	Outdoor Temperature (°C,DB)	Indoor Temperature(°C, DB)													
							14		16		18		20		21		22		24	
							TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
2000	3500			5500	106%	-15	3.21	1.03	3.11	1.04	3.02	1.05	2.98	1.06	2.94	1.07	2.87	1.08	2.82	1.09
						-10	3.84	1.08	3.73	1.10	3.64	1.11	3.60	1.12	3.55	1.12	3.48	1.13	3.42	1.14
						-5	4.48	1.13	4.36	1.15	4.26	1.16	4.22	1.17	4.17	1.18	4.09	1.19	4.03	1.20
						0	5.11	1.19	4.99	1.20	4.89	1.22	4.84	1.23	4.79	1.23	4.71	1.25	4.63	1.26
						2	5.37	1.21	5.25	1.22	5.14	1.24	5.09	1.25	5.04	1.26	4.95	1.27	4.88	1.28
						7	5.88	1.25	5.75	1.27	5.64	1.28	5.60	1.29	5.54	1.30	5.44	1.31	5.36	1.33
						10	6.39	1.29	6.26	1.31	6.14	1.33	6.08	1.34	6.03	1.34	5.94	1.36	5.85	1.37
						15	7.03	1.34	6.89	1.36	6.77	1.38	6.71	1.39	6.65	1.40	6.55	1.41	6.46	1.43
2500	2500			5000	96%	-15	3.21	1.02	3.11	1.03	3.02	1.05	2.98	1.05	2.94	1.06	2.87	1.07	2.82	1.08
						-10	3.84	1.07	3.73	1.09	3.64	1.10	3.60	1.11	3.55	1.11	3.48	1.12	3.42	1.13
						-5	4.48	1.12	4.36	1.14	4.26	1.16	4.22	1.16	4.17	1.17	4.09	1.18	4.03	1.19
						0	5.11	1.18	4.99	1.19	4.89	1.21	4.84	1.22	4.79	1.22	4.71	1.24	4.63	1.25
						2	5.37	1.20	5.25	1.21	5.14	1.23	5.09	1.24	5.04	1.25	4.95	1.26	4.88	1.27
						7	5.88	1.24	5.75	1.26	5.64	1.27	5.60	1.28	5.54	1.29	5.44	1.30	5.36	1.32
						10	6.39	1.28	6.26	1.30	6.14	1.32	6.08	1.32	6.03	1.33	5.94	1.35	5.85	1.36
						15	7.03	1.33	6.89	1.35	6.77	1.37	6.71	1.38	6.65	1.39	6.55	1.40	6.46	1.41
2500	3500			6000	115%	-15	3.21	1.03	3.11	1.04	3.02	1.05	2.98	1.06	2.94	1.07	2.87	1.08	2.82	1.09
						-10	3.84	1.08	3.73	1.10	3.64	1.11	3.60	1.12	3.55	1.12	3.48	1.13	3.42	1.14
						-5	4.48	1.13	4.36	1.15	4.26	1.16	4.22	1.17	4.17	1.18	4.09	1.19	4.03	1.20
						0	5.11	1.19	4.99	1.20	4.89	1.22	4.84	1.23	4.79	1.23	4.71	1.25	4.63	1.26
						2	5.37	1.21	5.25	1.22	5.14	1.24	5.09	1.25	5.04	1.26	4.95	1.27	4.88	1.28
						7	5.88	1.25	5.75	1.27	5.64	1.28	5.60	1.29	5.54	1.30	5.44	1.31	5.36	1.33
						10	6.39	1.29	6.26	1.31	6.14	1.33	6.08	1.34	6.03	1.34	5.94	1.36	5.85	1.37
						15	7.03	1.34	6.89	1.36	6.77	1.38	6.71	1.39	6.65	1.40	6.55	1.41	6.46	1.43
3500	3500			7000	135%	-15	3.21	1.03	3.11	1.05	3.02	1.06	2.98	1.07	2.94	1.07	2.87	1.08	2.82	1.09
						-10	3.84	1.09	3.73	1.10	3.64	1.12	3.60	1.12	3.55	1.13	3.48	1.14	3.42	1.15
						-5	4.48	1.14	4.36	1.16	4.26	1.17	4.22	1.18	4.17	1.19	4.09	1.20	4.03	1.21
						0	5.11	1.19	4.99	1.21	4.89	1.23	4.84	1.24	4.79	1.24	4.71	1.26	4.63	1.27
						2	5.37	1.22	5.25	1.23	5.14	1.25	5.09	1.26	5.04	1.27	4.95	1.28	4.88	1.29
						7	5.88	1.26	5.75	1.28	5.64	1.29	5.60	1.30	5.54	1.31	5.44	1.32	5.36	1.34
						10	6.39	1.30	6.26	1.32	6.14	1.34	6.08	1.35	6.03	1.35	5.94	1.37	5.85	1.38
						15	7.03	1.35	6.89	1.37	6.77	1.39	6.71	1.40	6.65	1.41	6.55	1.42	6.46	1.44

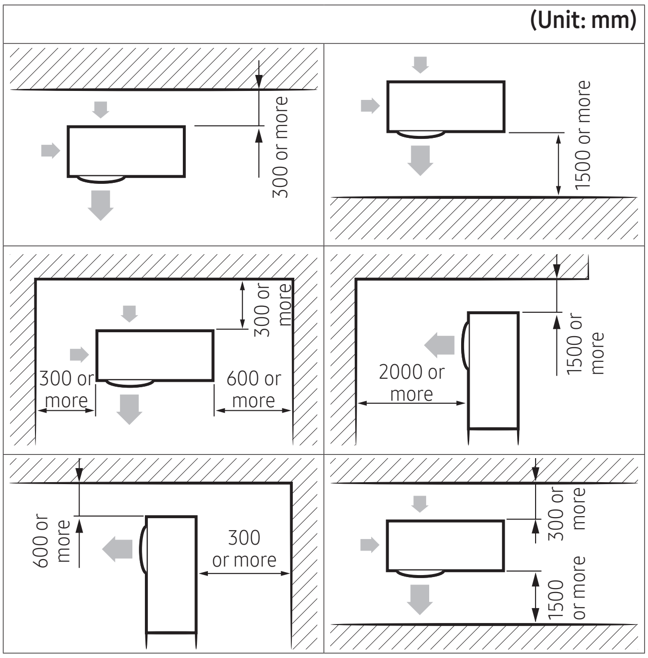
NOTE

- The performance table shows the average value of each conditions.
- The above is the value for connecting with the following indoor units.
  - 2000, 2500, 3500 class : AR07MXWSAWKNEU, AR09MXWSAWKNEU, AR12MXWSAWKNEU
- The total ability of connected a indoor unit is up to 7.0kW
- It is impossible to connect the indoor unit for one room only.
- This data is reference data for temperature capacity trend.

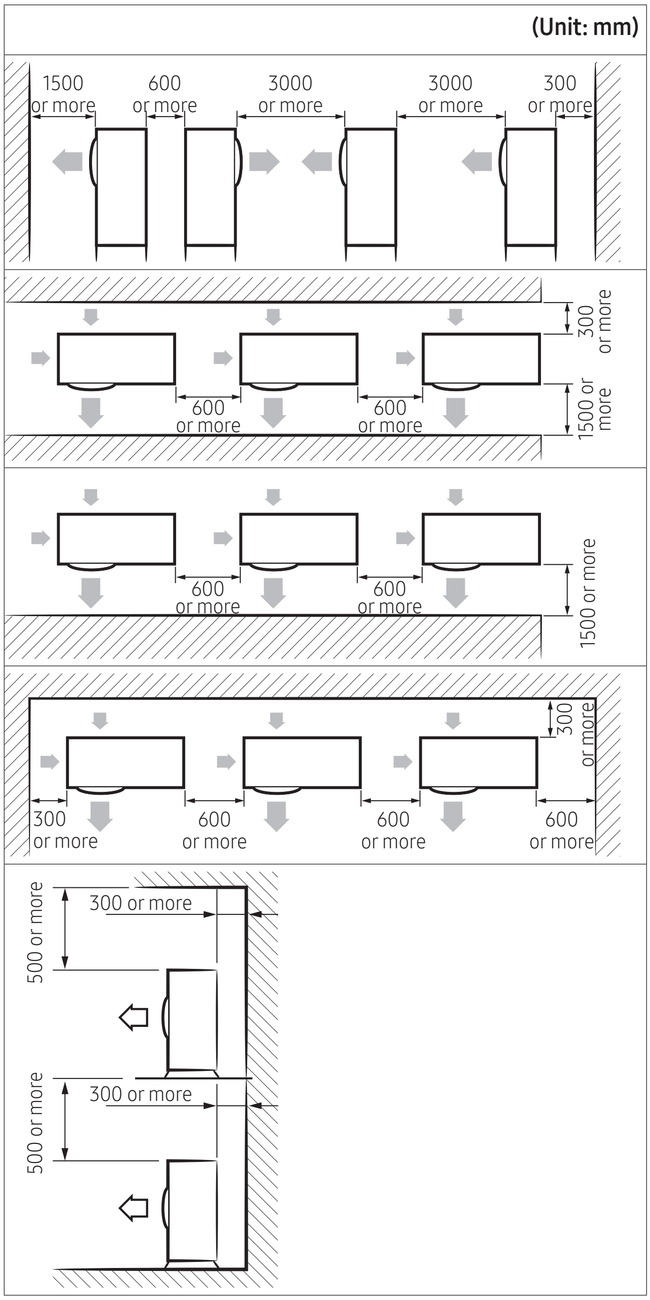
12. Installation

Minimum clearances for the outdoor unit

When installing 1 outdoor unit



When installing more than 1 outdoor unit

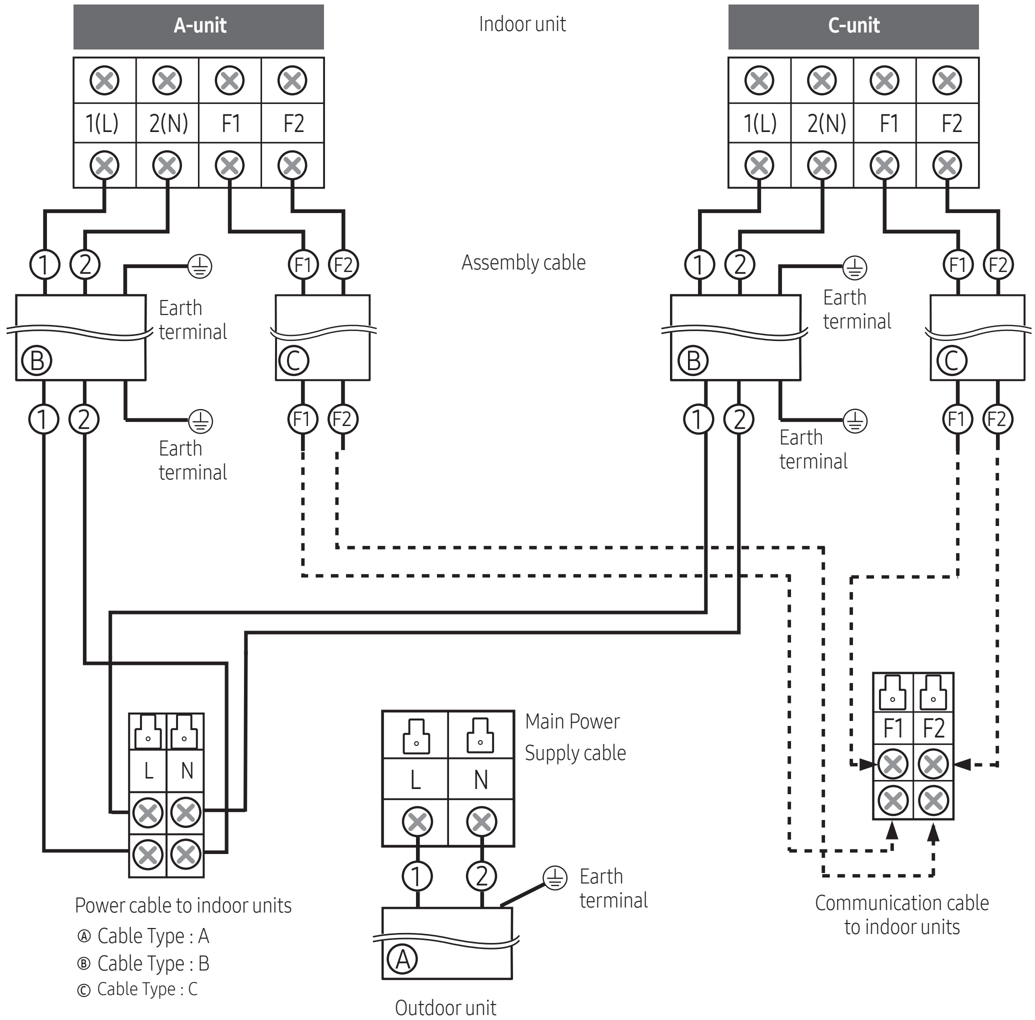


⚠ CAUTION

- 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.

Conncting the cables to the outdoor unit

AJ040/050NCJ2EG



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.

Model		Outdoor Units		Maximun Input Current[A]			Power Supply	
		Rated		Outdoor	Indoor(Max.)	Total	MCA	MFA
Outdoor Unit	Indoor Unit	Hz	Volts					
AJ040NCJ2EG	2 Room	50	1phase, 220-240	9	0.8	9.8	9.8	11.25
AJ050NCJ2EG	2 Room	50	1phase, 220-240	11	0.8	11.8	11.8	13.75

12. Installation

NOTE

- Power supply cords of parts of appliances for outdoor use shall not be lighter than polychloroprene sheathed flexible cord. (Code designation IEC:60245 IEC 57 / CENELEC: H05RN-F or IEC:60245 IEC 66 / CENELEC: H07RN-F)
- Select power supply cord based on MCA.
- MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).
- MCA represents maximum input current.
- MFA represents capacity which may accept MCA.

Abbreviations

- MCA : Min. Circuit Amps. (A)
- MFA : Max. Fuse Amps. (A)

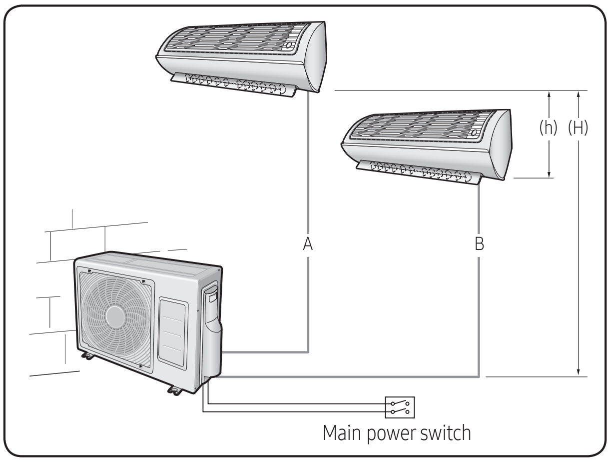
Screw	Tighten Torque(kgf.cm)	Position
M4	12.0~18.0	1(L),2(L),L,N,F1,F2

12. Installation

AJ040/050NCJ2EG

1 Piping outside diameter

Indoor unit	Out unit	Power supply Ø, V, Hz	Outside diameter	
			Liquid	Gas
07/09/ 12******	AJ040NCJ2EG AJ050NCJ2EG	1,220-240, 50	1/4"	3/8"



NOTE

- This product requires no additional refrigerant charge up to the maximum allowable pipe length.

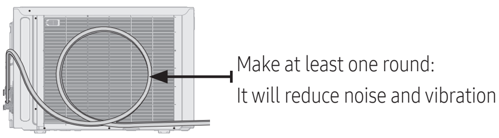
Maximum allowable refrigerant charge amount	
AJ040NCJ2EG/EU	980 g
AJ050NCJ2EG/EU	1180 g

- In addition to table 1, make sure that the indoor and outdoor unit are installaed in a space at least of **4m²** to guarantee the regular maintenance or service repair.
- Reference:Table 1 (defined according to EN378-1:2017)

[Unit:m^2]

Charge amount (kg) / Installation height(m)	1.224	1.225	1.250	1.500	1.750	2.000	2.250	2.500
0.6	NO limitations	12.77	13.30	19.15	26.06	34.04	43.09	53.19
1		4.60	4.79	6.89	9.38	12.26	15.51	19.15
1.8		1.42	1.48	2.13	2.90	3.78	4.79	5.91
2		1.15	1.20	1.72	2.35	3.06	3.88	4.79
2.2		0.95	0.99	1.42	1.94	2.53	3.20	3.96

- IMPORTANT: it's mandatory to consider either the table 1 or taking into consideration the local law regarding the minimum living space of the premises.
- Minimum installation height of indoor unit is 0.6 m for floor mounted, 1.8 m for wall, 2.2 m for ceiling.
- AJ***NCJ2EG Outdoor unit can be connected to the following indoor unit combination.
  - AR**MXWS****
  - AR**NX******



2 Piping length and the height

	1 Room max length	2 Room total max length	Max height between indoor unit & outdoor unit	Max height between indoor units
Dimension	20m	30m	15m	7.5m
Composition	A,B	A+B	(H)	(h)

⚠ CAUTION

- 3 m as minimum pipe length: It will reduce noise and vibration.
- Tighten the nuts to the specified torques.
  If overtightened, the nuts could be broken so refrigerant may leak.
- Protect or enclose refrigerant tubing to avoid mechanical damage.

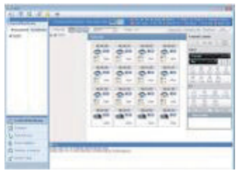
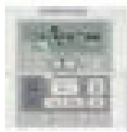
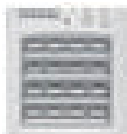
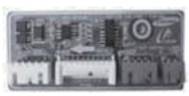
NOTE

- The appearance of the unit may be different from the diagram depending on the model.
- You can use the Cool and Heat modes in the following conditions :

Model	Cool	Heat
Outdoor temperature	-5 °C to 46 °C	-15 °C to 24 °C

- It could take maximum 60 minutes to operate for the protection of the compressor,if the outdoor temperature is below -5°C.

13. Accessory

Classification	Product	Model	Image
Integrated management System	DMS	MIM-D00A	
	S-NET3	MST-P3P	
GATE WAY	PIM (Pulse Interface Module)	MIM-B16	
	Lonworks Gateway	MIM-B18	
	BACnet Gateway	MIM-B17	
	Interface Module	MIM-B13D	
		MIM-B13E	
	Lonworks Interface Module	MIM-B07	
Centralized Control System	Function Controller	MCM-A100	
	On/Off Controller	MCM-A202D	
RAC Extension Board	RAC Extension Board	MIM-A00	

2018. 01
Ver.1.1

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